

# Employment and Earnings

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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			
Poverty-nonpoverty area data	x			x								
<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						(2)					(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 December 1974 issue marks the introduction of March 1973 benchmarks.

<sup>2</sup> Real earnings data introduced in June 1975.

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

# Employment and Unemployment Developments, August 1975

Unemployment held steady in August and employment increased substantially. The unemployment rate remained at the July level of 8.4 percent, after declining from the second quarter recession peak of 8.9 percent. Although there was no change in overall joblessness, there was a marked improvement among adult workers.

Total employment—as measured by the monthly survey of households—rose by 275,000 in August, following a much larger advance in July. After declining by 2.6 million from last September to a low of 83.8 million in March, employment has risen by 1.5 million in the ensuing 5-month period. Total nonagricultural employment accounted for 1.3 million of this increase.

Total nonagricultural payroll employment—as measured by the monthly survey of establishments—rose by more than half a million in August. This large expansion, coupled with an upward revision in the June and July estimates, yields an increase of 665,000 from March to August and results in a narrowing of the recent differences in employment trends between the household and establishment surveys. While trends in the two surveys are generally closer than those currently prevailing, there have been a number of instances in the past when there were similar divergences, though they have always been shortlived.

## Unemployment

The number of persons unemployed totaled 7.8 million in August, seasonally adjusted, unchanged from July but down 410,000 from the peak level reached in the second quarter. The rate of unemployment was unchanged at 8.4 percent. Just 12 months earlier, when the very sharp downturn in the economy began, the rate had been 5.4 percent.

Although overall joblessness was unchanged in August, there were significant offsetting movements among the major labor force groups. The jobless rate for adult men, who had been hit particularly hard during the recent downturn, dropped from 7.0 to 6.6 percent. Although the rate for adult women was little changed over the month at 7.7 percent, it has declined sharply

from the second quarter average of 8.5 percent. In contrast, the jobless rate for teenagers, which had dropped from a second quarter average of 20.5 percent to 19.1 percent in July, rose to 21.1 percent in August.

The improvement in the job situation for adult men was also reflected in reduced unemployment among household heads (both male and female), married men, blue-collar workers, and factory workers. The decline for household heads was particularly sharp—from 6.0 to 5.5 percent. The jobless rate for blue-collar workers receded to 11.5 percent in August, after attaining a second quarter peak of 12.9 percent; nearly all of this decline occurred among skilled craft workers. In a similar vein, the factory jobless rate, which had dropped sharply in July from a second quarter high of 12.2 percent, moved down further in August to 10.5 percent.

The stability in unemployment also masked divergent movements in black and white joblessness. The unemployment rate for white workers continued its gradual descent from the spring quarter peak of 8.2 percent, reaching 7.6 percent in August. In contrast, the rate for black (Negro and other races) workers rose a full percentage point to 14.0 percent, closely approximating the second quarter average. This increase was primarily among black women, whose rate rose from 10.8 percent in July to 12.6 percent.

The unemployment rate for workers covered by State unemployment insurance programs continued to move down from the high of 7.0 percent attained in May, reaching 5.9 percent in August. The number claiming regular State U.I. benefits was 3.9 million, seasonally adjusted, but the total number of unemployment insurance claimants is much larger when the 2.7 million persons claiming benefits under various special programs, including the Federal extended benefits programs, are taken into account.

The number of persons unemployed 15 weeks or longer decreased by 160,000 in August to 2.8 million, marking the first real decline in long-term joblessness since unemployment began to rise in late 1973. Despite this decrease, the average (mean) duration of unemployment, at 15.7 weeks, was up slightly from the 15.4-weeks

average registered in both June and July. The August level exceeded the year-earlier average by nearly 6 weeks.

In line with the improving job situation of adult workers, the number of unemployed who had lost their last job declined by 300,000 in August to 4.3 million. Since May, unemployment stemming from job loss has dropped by 600,000. Counterbalancing this over-the-month reduction in job loss were substantial increases among workers who were either seeking their first job or reentering the job market, a reflection of the increased joblessness among teenagers.

### **Total Employment and Civilian Labor Force**

Total employment increased for the fifth straight month, rising by 275,000 to 85.4 million, seasonally adjusted. After declining sharply in late 1974 and 1975, employment has increased by 1.5 million since reaching a recession low in March. The August gain in employment occurred largely among adult men, household heads, and workers employed in blue-collar occupations.

The civilian labor force, at 93.1 million in August, was up 230,000, following an increase of more than half a million in July. Over the past year, the labor force has expanded by 1.9 million, a markedly slower growth pace than in the 2 previous years. Although fluctuating somewhat during the past year, the rate of labor force participation, at 61.4 percent in both July and August, was up slightly from a year earlier.

### **Industry Payroll Employment**

Total nonagricultural payroll employment rose by 530,000 to 77.0 million (seasonally adjusted) in August. This sizeable employment gain followed an increase of 215,000 in July (as revised) and marks a substantial turnaround from the steep decline that began last fall. With the exception of mining, over-the-month employment gains were registered in all of the major industry divisions, as increases occurred in nearly three-quarters of the 172 industries in the BLS diffusion index.

The largest employment increase among the major industry divisions occurred in manufacturing, where employment rose by 210,000. This gain was widespread throughout the durable and nondurable industries. Within durable goods, large increases took place in electrical equipment (35,000), primary metals (30,000), and fabricated metals and furniture (20,000 each), with lesser increases posted in most of the other industries. In nondurables, notable employment increases were registered in textiles (30,000) and paper and allied products (15,000).

Employment in contract construction rose by 45,000 in August, as a result of the settlement of several large

strikes. Over the past year, employment in this industry has dropped by over 570,000.

The service-producing sector, which was not nearly as buffeted by the recession, posted strong employment gains, highlighted by healthy pickups in services (100,000), State and local government (70,000), and retail trade (65,000). With a total August increase of 270,000, the service-producing sector provided 675,000 more jobs than it had a year earlier, while the goods-producing sector lost nearly 2.4 million, more than 1.8 million in manufacturing alone.

### **Hours**

The average workweek for all production or nonsupervisory workers on nonfarm payrolls rose two-tenths of an hour in August to 36.3 hours, seasonally adjusted. Average weekly hours had also edged up in July, after holding steady for 3 consecutive months. However, the workweek remained 0.4 hour below the year-earlier level.

Much of the over-the-month gain in the workweek stemmed from a 0.3-hour pickup in manufacturing; this followed an 0.4-hour increase in the previous month. The August level was a full hour above the recession low of 38.8 hours reached in February and March but was still 1.1 hours below the pre-recession peak of early 1973. Factory overtime edged up 0.1 hour to 2.7 hours in August, a continuation of the small gains posted since April.

As a result of the big expansion in employment and the gain in the workweek, the index of aggregate hours of private nonfarm production or nonsupervisory employees rose 1.5 percent in August to 107.3 (1967=100). Factory worker-hours rose by an even larger amount—2.8 percent—to 89.5. This increase brought aggregate factory hours to a level 4.2 percent above their March 1975 low but still 14.4 percent below the December 1973 peak.

### **Hourly and Weekly Earnings**

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls rose 0.7 percent in August and 6.8 percent from a year ago (seasonally adjusted). Average weekly earnings increased 1.2 percent over the month. Since August 1974, weekly earnings have risen by 5.6 percent.

Before adjustment for seasonality, average hourly earnings rose 3 cents in August to \$4.55 and were up 29 cents from a year ago. Average weekly earnings were \$166.99, an increase of \$2.01 over the month and \$8.94 from last August.

## **The Hourly Earnings Index**

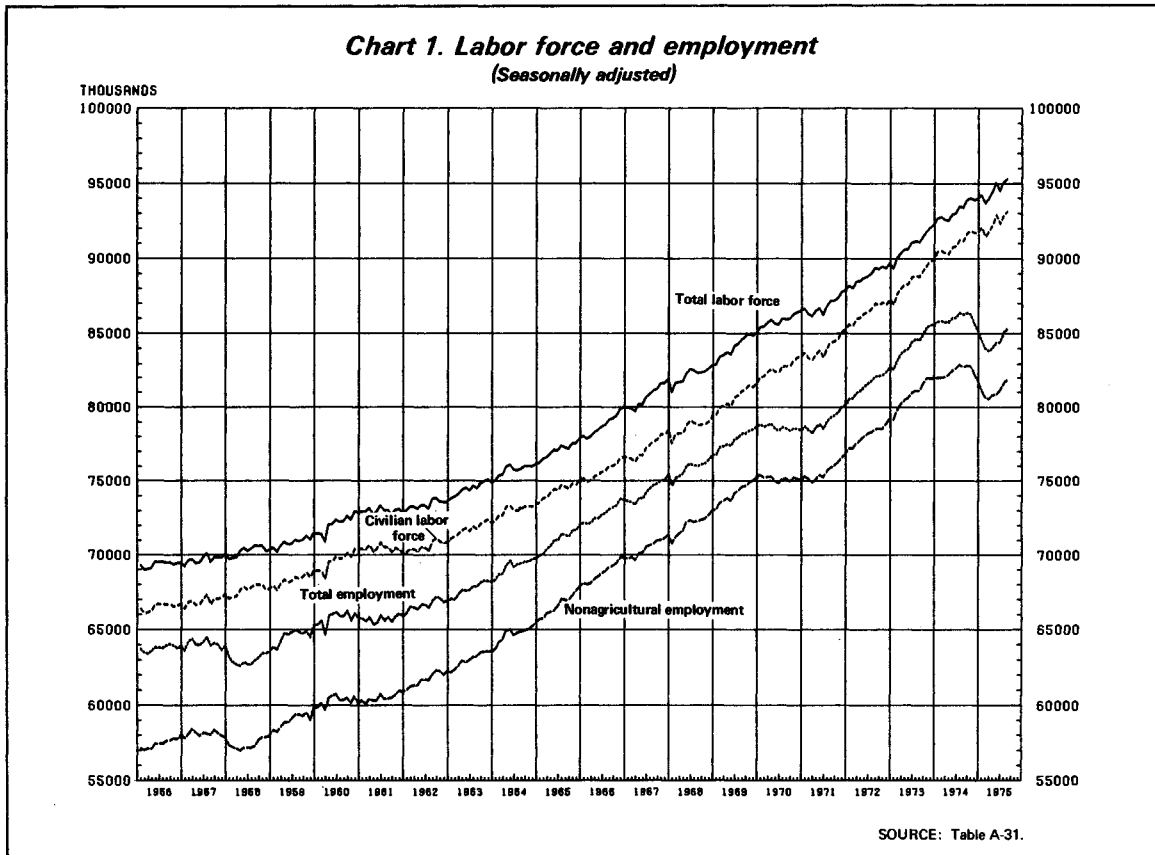
The Hourly Earnings Index—earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and

low-wage industries—was 174.0 (1967=100) in August, 0.8 percent higher than in July. The index was 8.6 percent above August a year ago. During the 12-month period ended in July, the Hourly Earnings Index in dollars of constant purchasing power declined 0.8 percent.

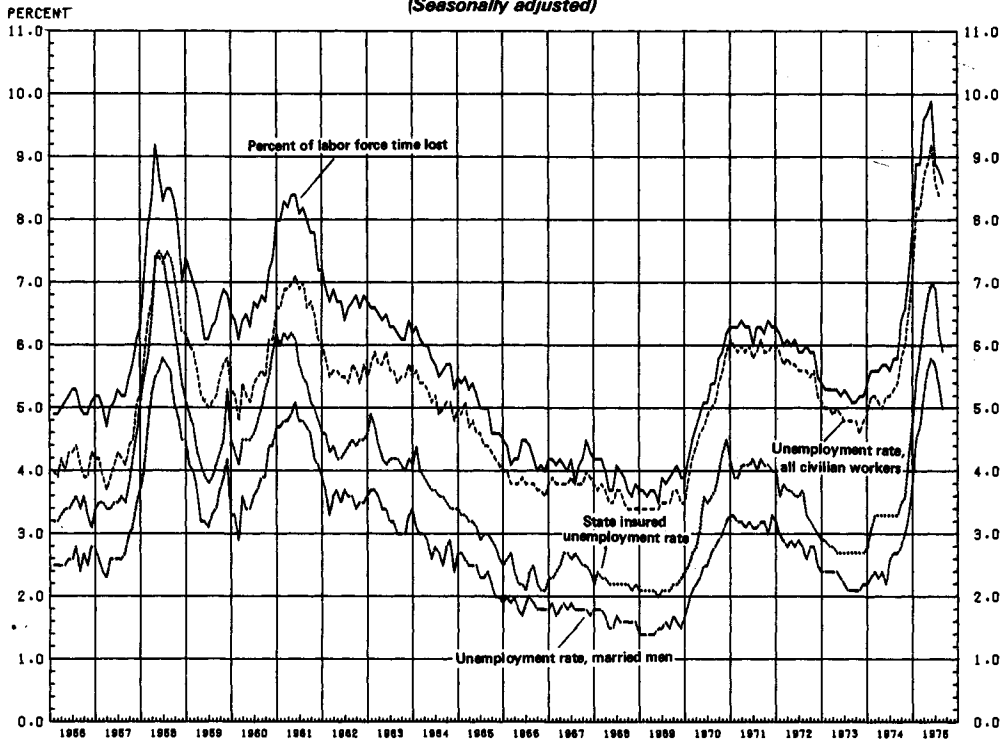
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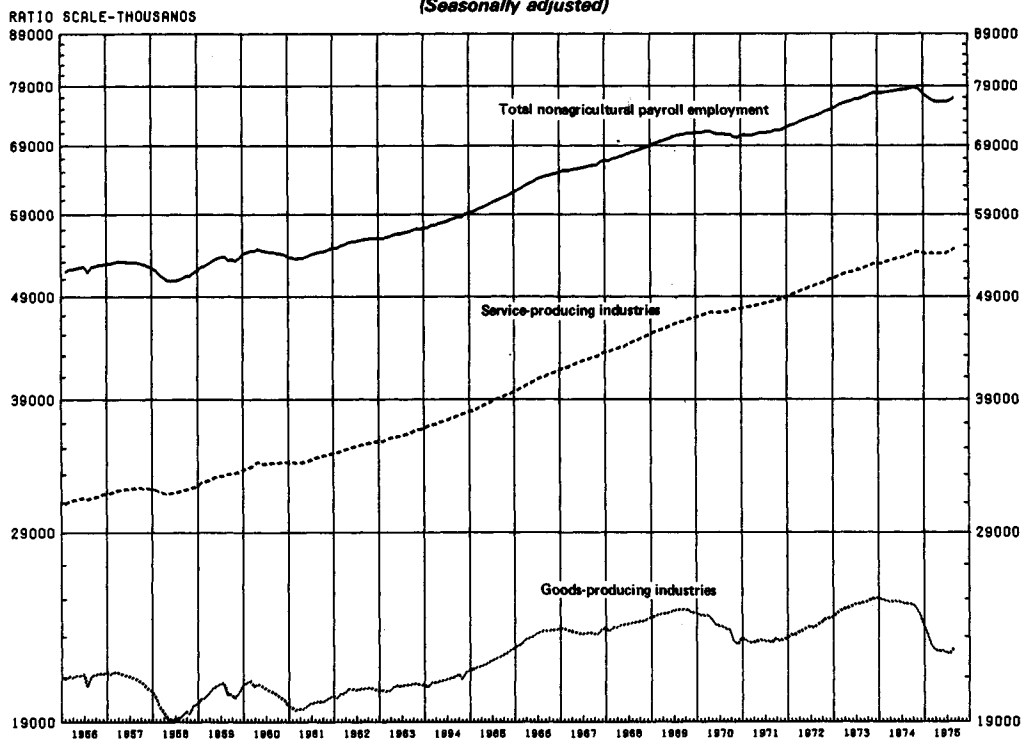


**Chart 2. Major unemployment indicators**  
(Seasonally adjusted)



SOURCE: Table A-34.

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

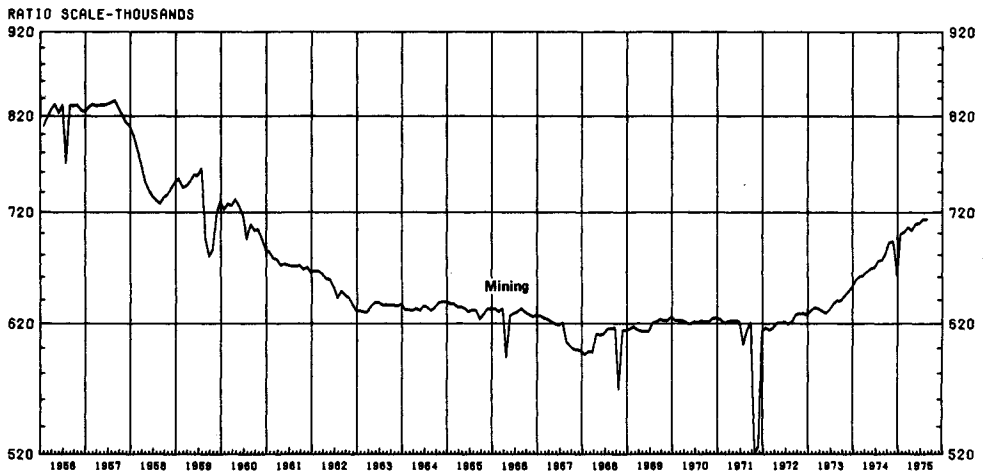
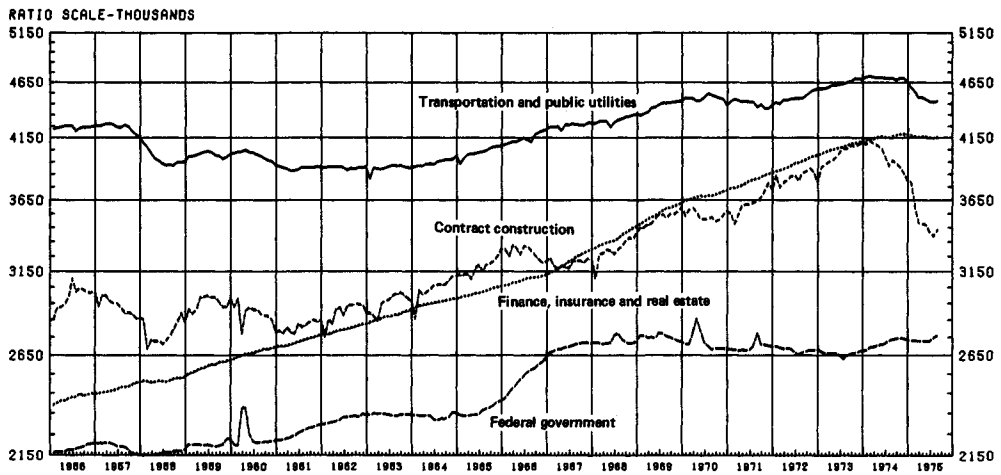
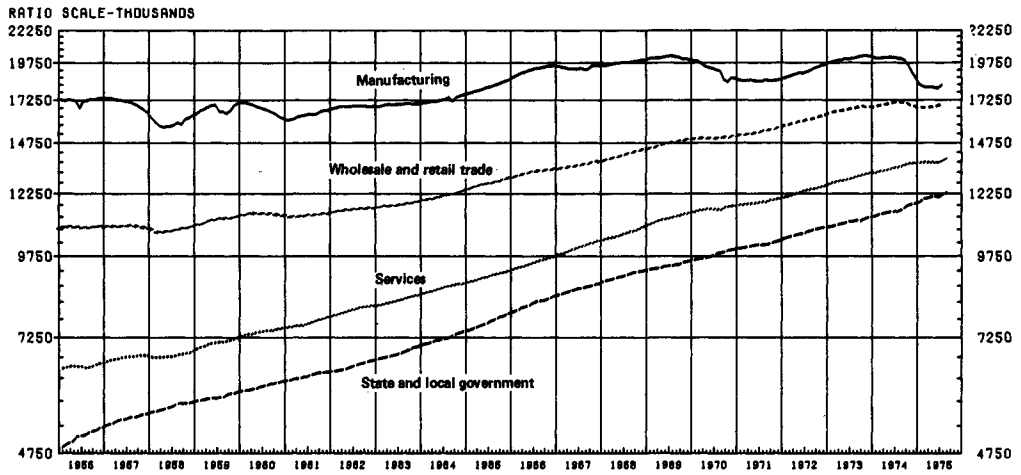


NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.



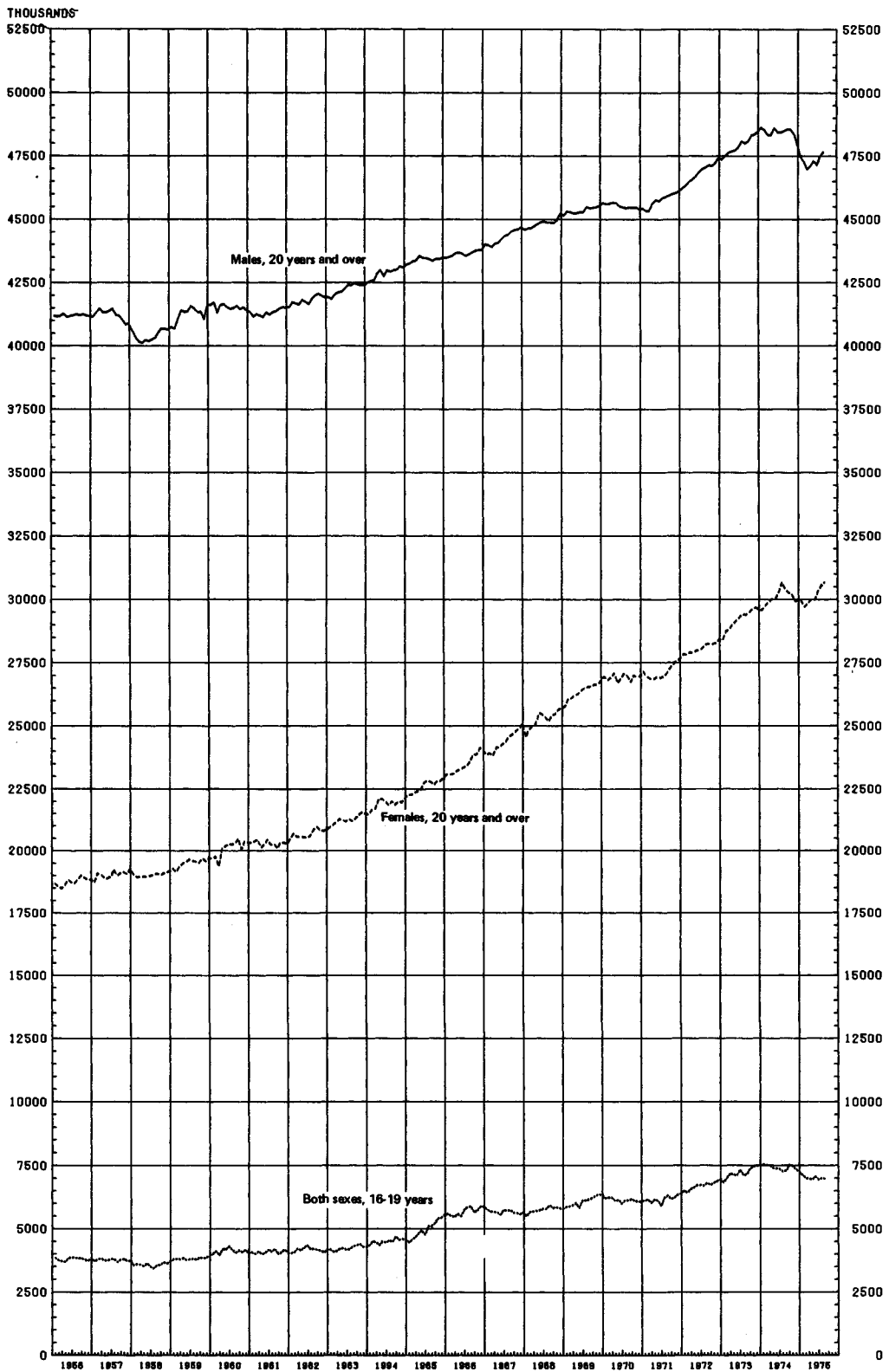
**Chart 4. Nonagricultural payroll employment by industry**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

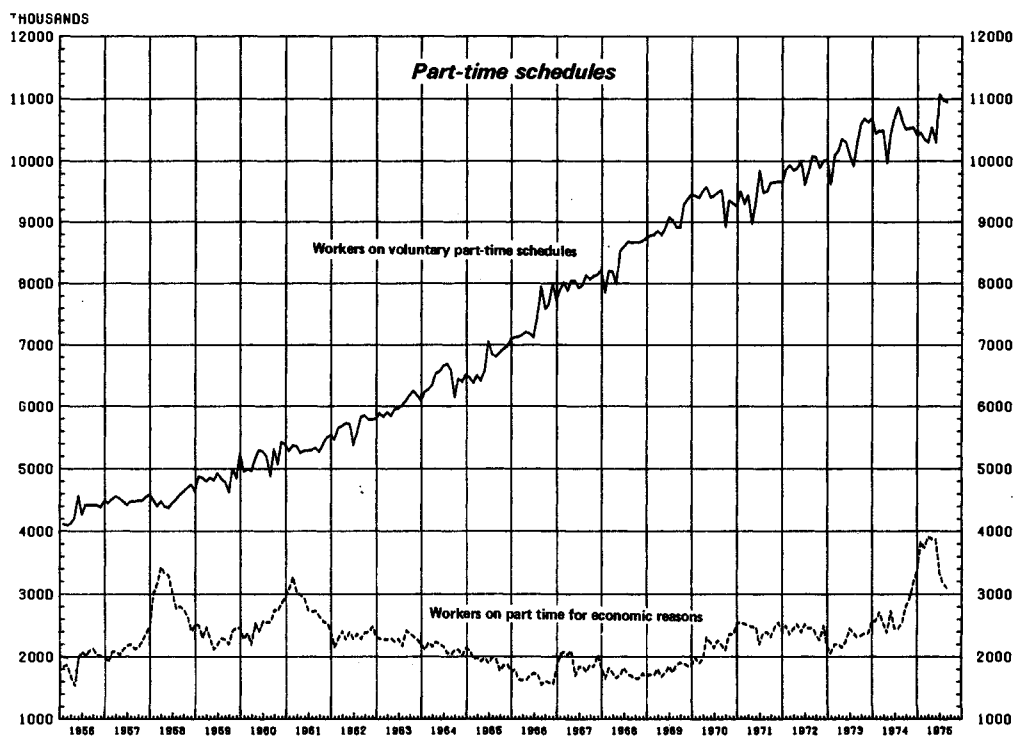
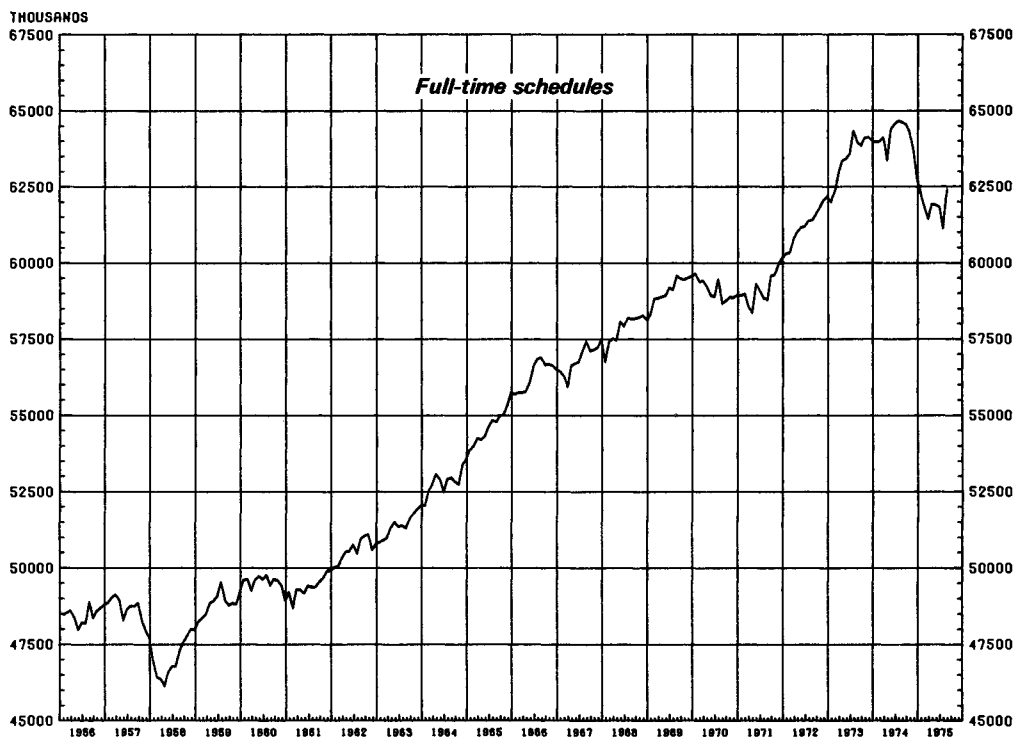
SOURCE: Table B-5.

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



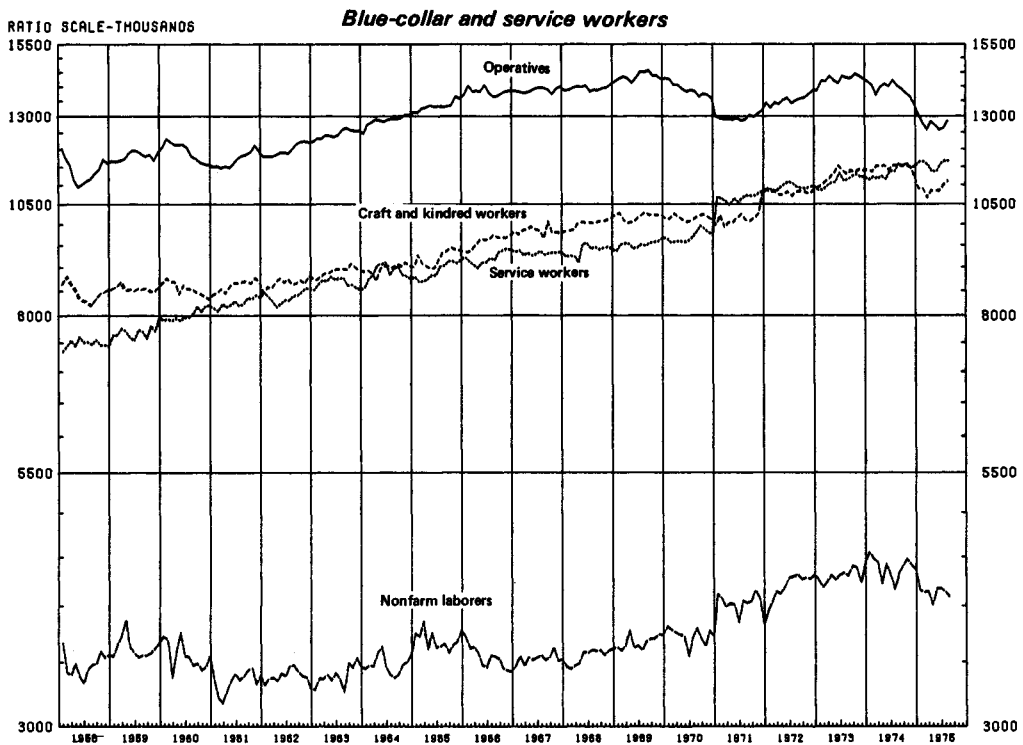
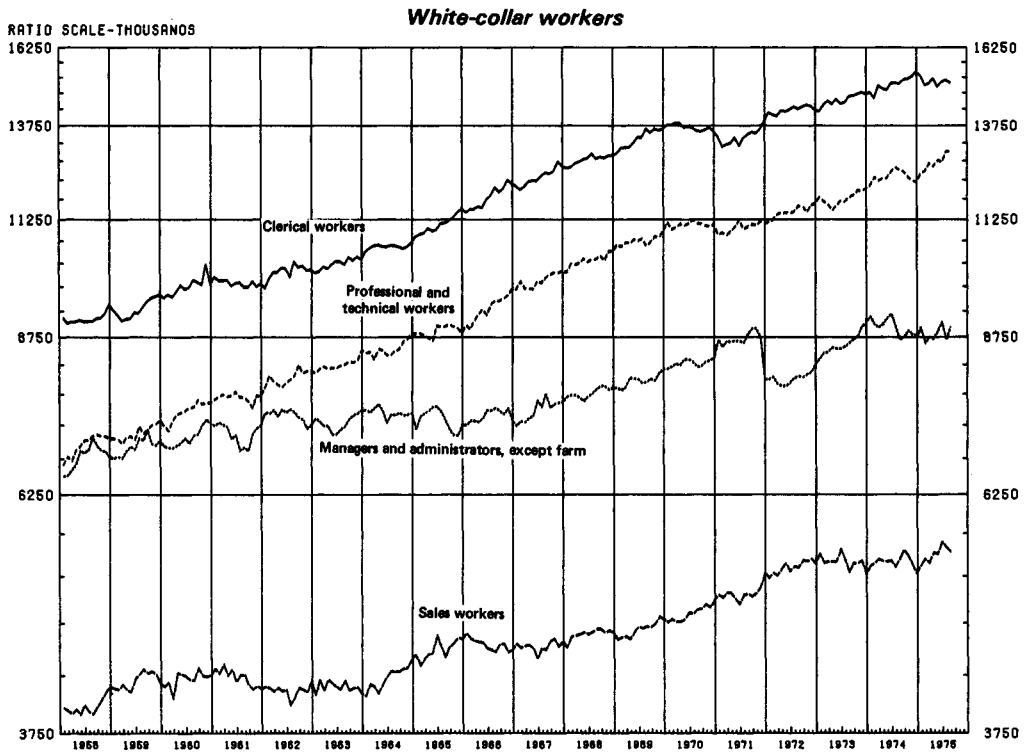
SOURCE: Table A-31.

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



SOURCE: Table A-39.

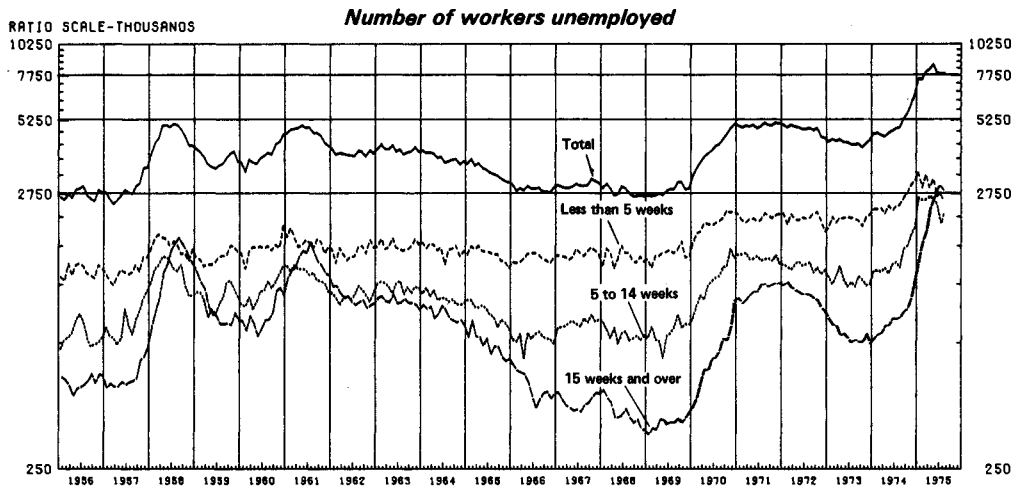
**Chart 7. Employment in nonfarm occupations**  
(Seasonally adjusted)



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.

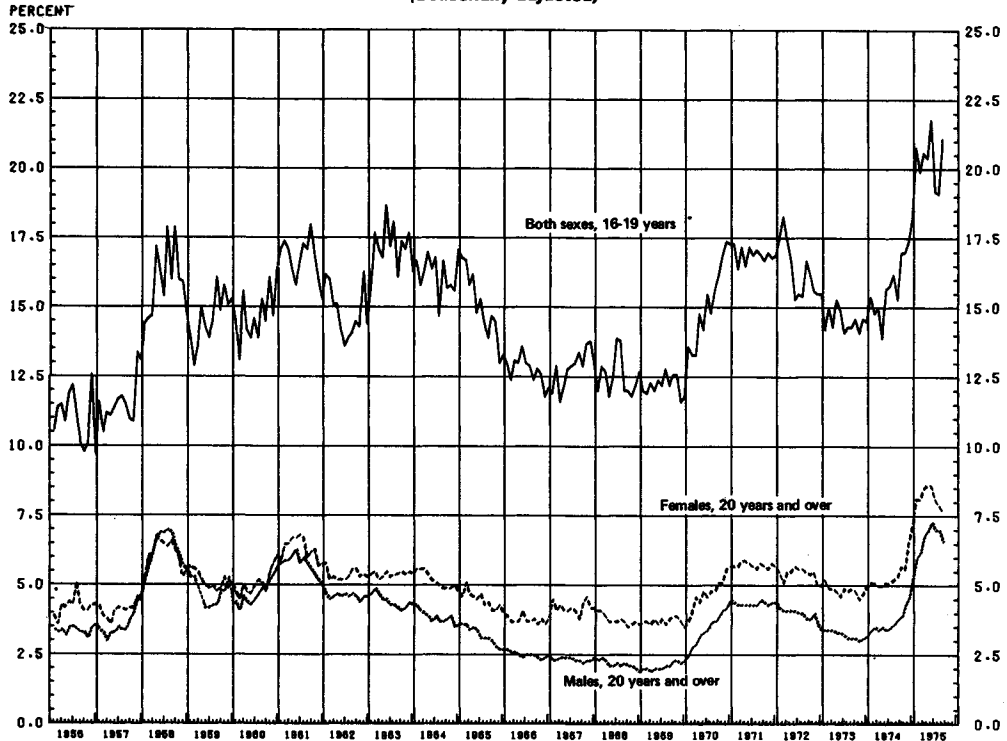
SOURCE: Table A-39.

**Chart 8. Duration of unemployment**  
(Seasonally adjusted)



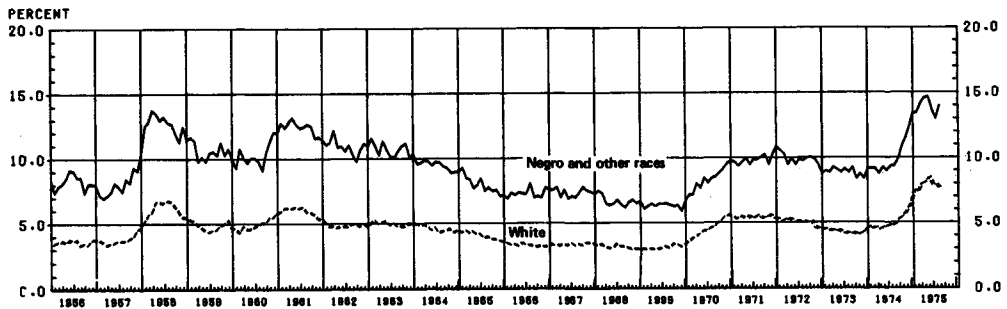
SOURCE: Table A-35.

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

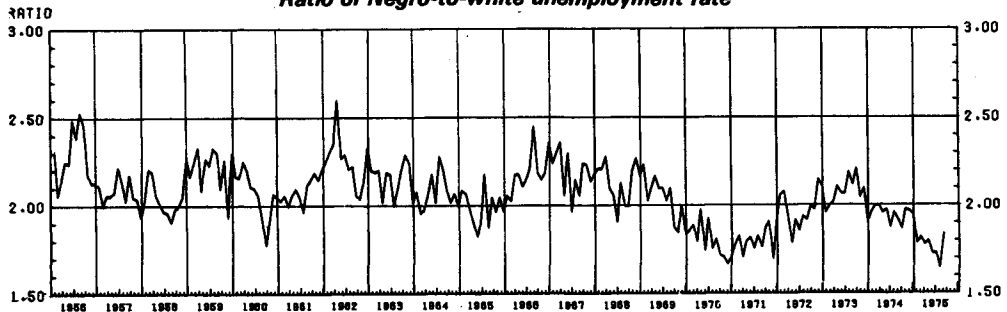


SOURCE: Table A-34.

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

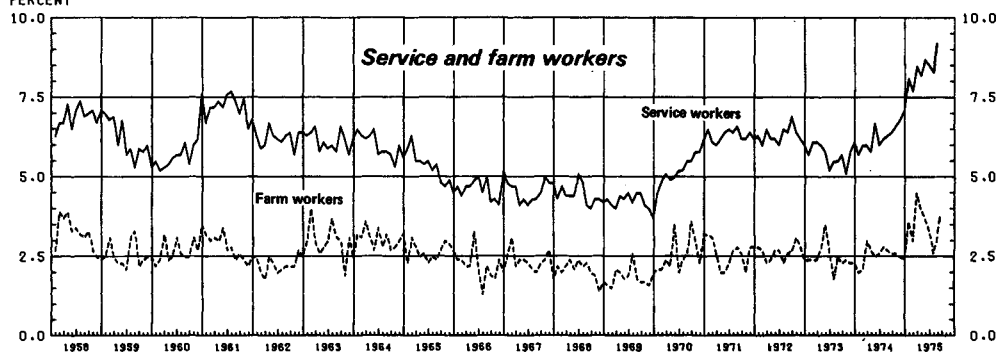
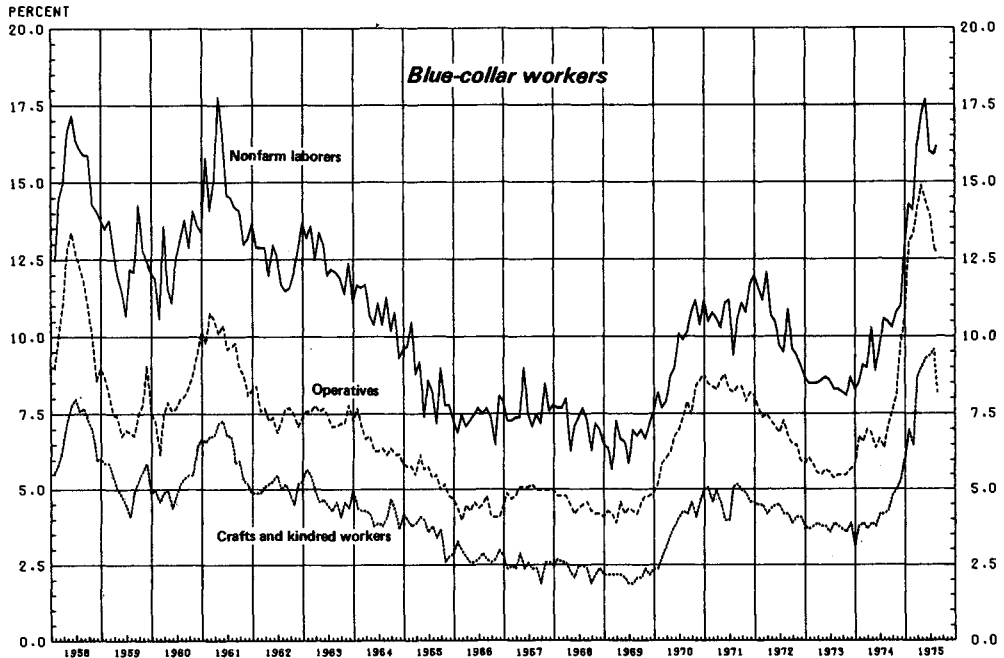
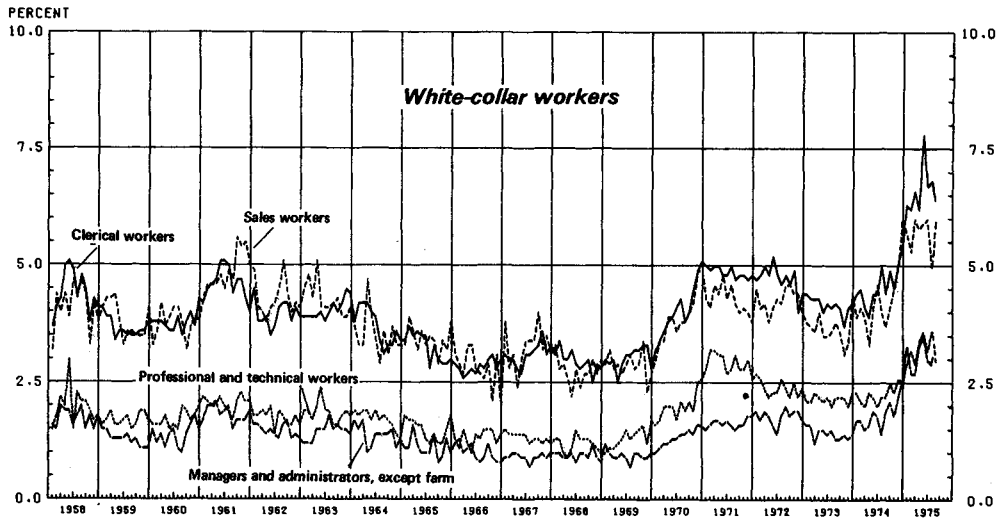


**Ratio of Negro-to-white unemployment rate**



SOURCE: Table A-33.

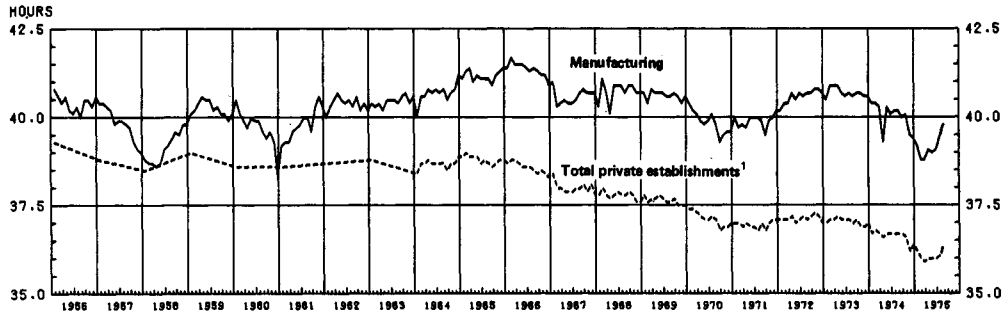
**Chart 11. Unemployment rates by major occupational groups**  
(Seasonally adjusted)



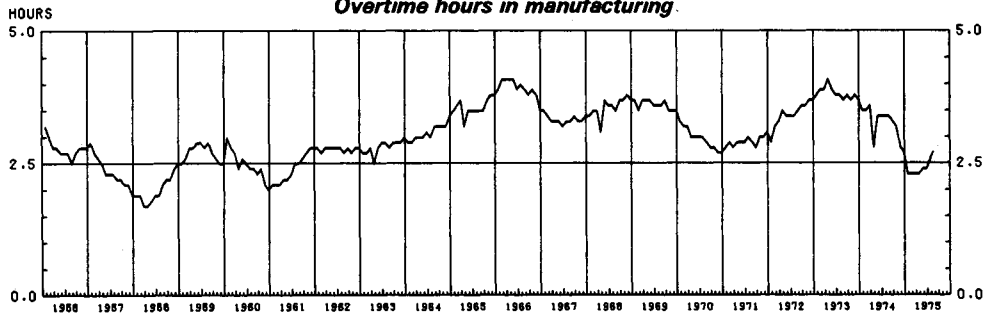
SOURCE: Table A-34.

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

*(Seasonally adjusted)*



**Overtime hours in manufacturing.**



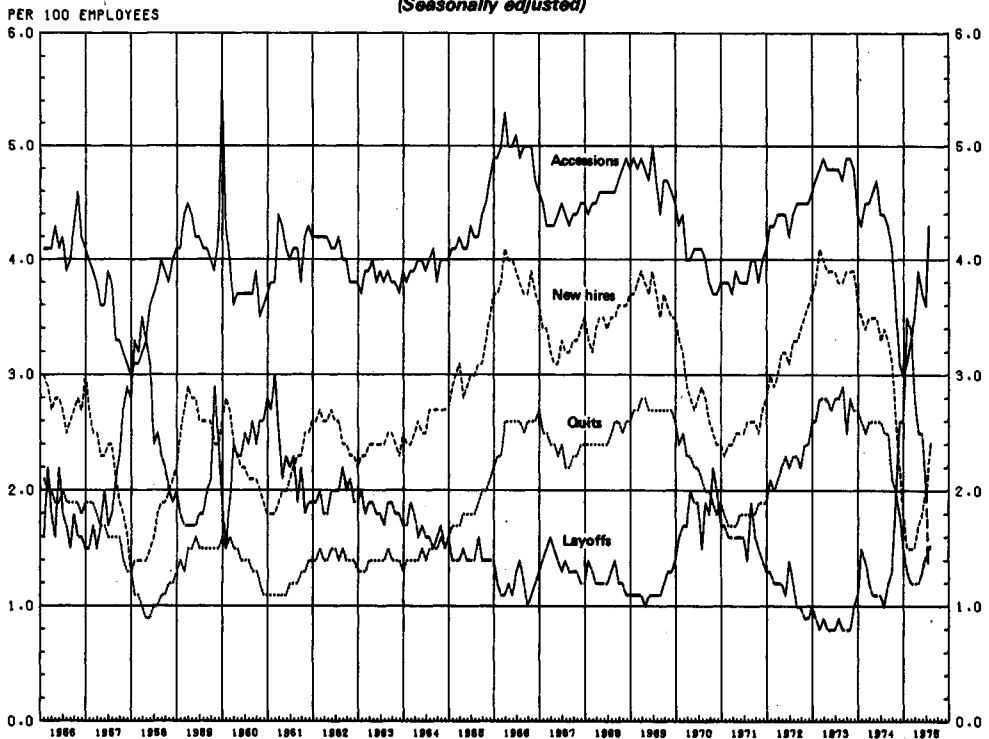
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

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

*(Seasonally adjusted)*



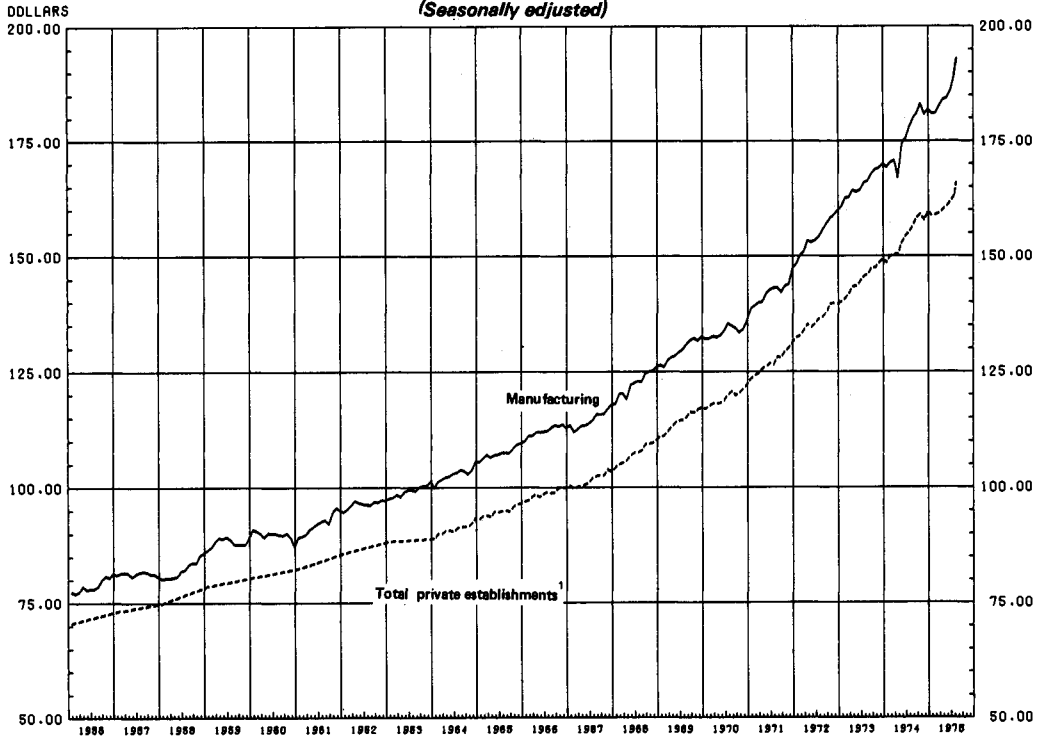
NOTE: Data for current month are preliminary.

SOURCE: Table D-3.



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

*(Seasonally adjusted)*

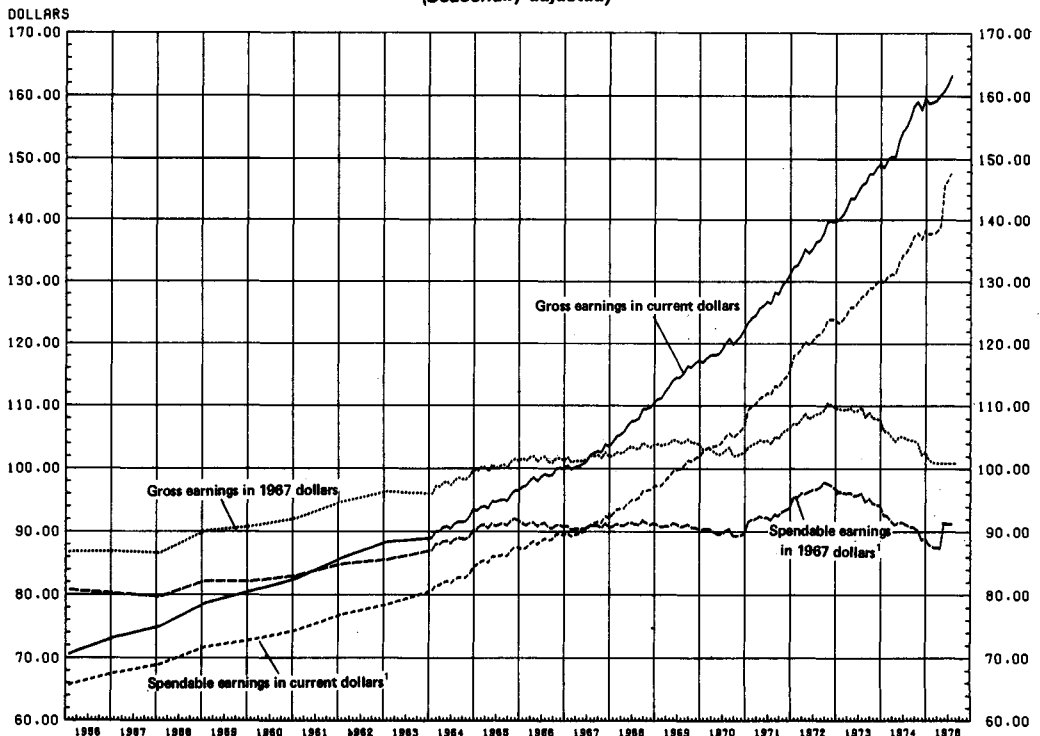


<sup>1</sup> Annual averages prior to 1964.  
NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7 and C-17.

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

*(Seasonally adjusted)*



<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	
<b>Persons 14 years of age and over</b>											
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	38,940	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
<b>Persons 16 years of age and over</b>											
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	60,109	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	77,902	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
August.....	151,135	94,679	62.6	92,459	87,575	3,850	83,725	4,884	5.3	5.4	56,456
1975: January.....	152,230	93,342	61.3	91,149	82,969	2,888	80,082	8,180	9.0	8.2	58,888
February.....	152,445	93,111	61.1	90,913	82,604	2,890	79,714	8,309	9.1	8.2	59,333
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

<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: May.....	73,299	57,340	78.2	55,246	50,954	2,946	48,008	4,291	7.8	8.5	15,959
June.....	73,407	58,984	80.4	56,893	52,098	3,135	48,962	4,795	8.4	8.1	14,423
July.....	73,546	59,678	81.1	57,578	53,000	3,248	49,752	4,579	8.0	8.1	13,868
August.....	73,659	59,107	80.2	57,018	52,915	3,106	49,809	4,102	7.2	7.9	14,552
<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	31,072	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: May.....	79,751	36,609	45.9	36,523	33,192	675	32,516	3,331	9.1	10.2	43,142
June.....	79,871	37,207	46.6	37,120	33,347	734	32,613	3,774	10.2	9.2	42,664
July.....	80,039	37,368	46.7	37,281	33,650	842	32,809	3,631	9.7	9.0	42,671
August.....	80,164	37,386	46.6	37,290	33,696	780	32,916	3,594	9.6	9.1	42,779

<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	August 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 .....	59,107	80.2	57,018	52,915	4,102	7.2	14,552	278	696	1,908	11,670
16 to 21 years .....	9,533	76.3	8,786	7,395	1,391	15.8	2,959	54	386	42	2,477
16 to 19 years .....	5,986	71.0	5,632	4,665	967	17.2	2,439	45	259	9	2,127
16 to 17 years .....	2,533	59.8	2,498	2,059	439	17.6	1,702	34	114	7	1,547
18 to 19 years .....	3,453	82.4	3,134	2,606	528	16.8	737	11	145	2	580
20 to 64 years .....	51,231	90.8	49,495	46,446	3,049	6.2	5,196	125	437	1,331	3,303
20 to 24 years .....	8,594	89.8	7,809	6,807	1,002	12.8	973	16	258	75	624
25 to 54 years .....	35,656	94.8	34,707	32,925	1,782	5.1	1,972	73	175	644	1,081
25 to 29 years .....	7,948	95.1	7,578	6,999	580	7.6	411	5	117	51	238
30 to 34 years .....	6,616	96.5	6,379	6,076	304	4.8	240	22	29	56	133
35 to 39 years .....	5,436	96.5	5,229	4,984	245	4.7	195	10	12	79	95
40 to 44 years .....	5,160	95.2	5,065	4,871	194	3.8	261	9	12	89	151
45 to 49 years .....	5,340	94.3	5,309	5,051	258	4.9	321	16	3	136	166
50 to 54 years .....	5,155	90.5	5,147	4,945	202	3.9	544	11	3	233	297
55 to 64 years .....	6,981	75.6	6,980	6,715	264	3.8	2,251	36	5	612	1,598
55 to 59 years .....	4,200	84.5	4,199	4,037	161	3.8	772	10	3	333	425
60 to 64 years .....	2,781	65.3	2,781	2,678	103	3.7	1,479	26	1	278	1,173
65 years and over .....	1,890	21.5	1,890	1,804	87	4.6	6,917	109	--	568	6,240
65 to 69 years .....	1,095	31.2	1,095	1,026	69	6.3	2,412	25	--	198	2,189
70 years and over .....	795	15.0	795	778	17	2.2	4,505	84	--	370	4,051
<b>White</b>											
16 years and over .....	52,798	80.9	51,053	47,723	3,330	6.5	12,456	211	544	1,527	10,174
16 to 21 years .....	8,403	78.5	7,790	6,670	1,120	14.4	2,301	35	275	28	1,962
16 to 19 years .....	5,295	73.6	5,000	4,229	771	15.4	1,899	31	180	9	1,679
16 to 17 years .....	2,260	62.8	2,230	1,880	349	15.7	1,341	21	79	7	1,234
18 to 19 years .....	3,035	84.5	2,770	2,348	422	15.2	558	9	101	2	445
20 to 64 years .....	45,788	91.4	44,338	41,856	2,482	5.6	4,310	87	364	1,074	2,784
20 to 24 years .....	7,538	90.7	6,900	6,103	797	11.6	770	10	210	51	499
25 to 54 years .....	31,848	95.3	31,036	29,582	1,456	4.7	1,574	45	151	520	859
25 to 34 years .....	12,919	96.0	12,402	11,698	705	5.7	537	23	129	89	295
35 to 44 years .....	9,443	96.5	9,185	8,807	378	4.1	344	9	17	130	188
45 to 54 years .....	9,485	93.2	9,449	9,077	373	3.9	694	13	5	300	376
55 to 64 years .....	6,402	76.5	6,401	6,172	229	3.6	1,966	33	4	503	1,426
55 to 59 years .....	3,845	85.3	3,844	3,707	136	3.5	665	9	2	274	379
60 to 64 years .....	2,557	66.3	2,557	2,464	93	3.6	1,301	24	1	229	1,047
65 years and over .....	1,715	21.5	1,715	1,638	77	4.5	6,247	93	--	444	5,711
<b>Negro and other races</b>											
16 years and over .....	6,309	75.1	5,965	5,192	772	12.9	2,096	67	152	381	1,496
16 to 21 years .....	1,130	63.2	996	725	271	27.2	658	19	111	14	515
16 to 19 years .....	691	56.1	632	437	196	30.9	540	14	79	--	447
16 to 17 years .....	272	43.0	268	179	90	33.4	361	12	35	--	313
18 to 19 years .....	419	70.0	364	258	106	29.1	179	2	43	--	135
20 to 64 years .....	5,443	86.0	5,158	4,591	567	11.0	886	37	73	258	518
20 to 24 years .....	1,056	83.9	909	704	205	22.6	203	6	48	24	125
25 to 54 years .....	3,808	90.6	3,670	3,344	327	8.9	398	27	24	124	222
25 to 34 years .....	1,645	93.5	1,555	1,376	179	11.5	114	4	17	17	76
35 to 44 years .....	1,153	91.1	1,109	1,048	61	5.5	113	9	7	38	58
45 to 54 years .....	1,010	85.5	1,006	919	87	8.6	171	14	1	69	87
55 to 64 years .....	579	67.0	579	544	35	6.1	285	3	1	109	172
55 to 59 years .....	355	76.8	355	330	25	7.1	107	1	1	59	46
60 to 64 years .....	224	55.7	224	213	10	4.5	178	3	--	50	126
65 years and over .....	175	20.7	175	165	10	5.6	670	16	--	124	530

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

[Numbers in thousands]

Sex, age, and color	August 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 .....	37,386	46.6	37,290	33,696	3,594	9.6	42,779	35,179	670	1,119	5,811
16 to 21 years .....	7,325	59.8	7,278	6,037	1,241	17.0	4,921	2,018	462	30	2,410
16 to 19 years .....	4,647	56.3	4,627	3,771	856	18.5	3,603	1,167	292	22	2,122
16 to 17 years .....	1,959	47.6	1,959	1,578	381	19.5	2,153	474	125	11	1,543
18 to 19 years .....	2,688	65.0	2,668	2,194	475	17.8	1,450	692	167	12	579
20 to 64 years .....	31,762	53.5	31,686	29,000	2,685	8.5	27,602	24,492	375	478	2,256
20 to 24 years .....	6,378	66.7	6,327	5,493	833	13.2	3,180	2,424	246	16	494
25 to 54 years .....	21,222	53.8	21,198	19,551	1,647	7.8	18,213	16,581	127	258	1,248
25 to 29 years .....	4,777	56.0	4,762	4,264	497	10.4	3,746	3,404	75	29	238
30 to 34 years .....	3,548	50.2	3,544	3,227	317	8.9	3,520	3,234	23	25	238
35 to 39 years .....	3,217	54.1	3,215	2,967	248	7.7	2,725	2,505	12	29	179
40 to 44 years .....	3,121	54.8	3,120	2,924	196	6.3	2,575	2,324	5	42	203
45 to 49 years .....	3,347	55.5	3,346	3,139	207	6.2	2,679	2,429	7	54	188
50 to 54 years .....	3,212	52.0	3,212	3,031	181	5.6	2,969	2,684	5	79	202
55 to 64 years .....	4,161	40.1	4,161	3,956	205	4.9	6,208	5,488	2	205	513
55 to 59 years .....	2,593	47.3	2,593	2,478	115	4.4	2,891	2,575	1	100	215
60 to 64 years .....	1,568	32.1	1,568	1,478	90	5.7	3,317	2,913	1	105	298
65 years and over .....	977	7.8	977	925	53	5.4	11,574	9,520	3	618	1,433
65 to 69 years .....	609	13.7	609	572	37	6.1	3,831	3,300	3	88	440
70 years and over .....	368	4.5	368	353	16	4.2	7,743	6,220	--	530	993
<b>White</b>											
16 years and over .....	32,444	46.1	32,364	29,494	2,871	8.9	37,887	31,464	520	899	5,004
16 to 21 years .....	6,435	61.9	6,396	5,431	965	15.1	3,967	1,633	348	25	1,961
16 to 19 years .....	4,094	58.5	4,077	3,395	682	16.7	2,901	927	219	19	1,736
16 to 17 years .....	1,729	49.7	1,728	1,411	318	18.4	1,749	373	92	10	1,274
18 to 19 years .....	2,365	67.2	2,348	1,985	364	15.5	1,152	554	127	10	462
20 to 64 years .....	27,481	53.0	27,418	25,274	2,144	7.8	24,418	21,803	298	358	1,959
20 to 24 years .....	5,538	67.9	5,496	4,887	608	11.1	2,624	2,032	192	11	389
25 to 54 years .....	18,216	53.0	18,196	16,847	1,348	7.4	16,170	14,776	105	184	1,104
25 to 34 years .....	7,054	52.3	7,038	6,406	632	9.0	6,423	5,879	78	49	417
35 to 44 years .....	5,381	53.4	5,378	5,011	367	6.8	4,700	4,298	14	45	343
45 to 54 years .....	5,780	53.4	5,779	5,431	349	6.0	5,047	4,599	13	90	345
55 to 64 years .....	3,727	39.9	3,727	3,540	187	5.0	5,624	4,995	--	163	466
55 to 59 years .....	2,307	46.7	2,307	2,204	103	4.5	2,637	2,365	--	74	199
60 to 64 years .....	1,420	32.2	1,420	1,336	84	5.9	2,987	2,630	1	89	267
65 years and over .....	869	7.6	869	824	45	5.2	10,568	8,734	3	522	1,309
<b>Negro and other races</b>											
16 years and over .....	4,942	50.3	4,926	4,203	723	14.7	4,892	3,716	150	220	807
16 to 21 years .....	891	48.3	883	607	276	31.2	953	386	114	5	448
16 to 19 years .....	553	44.1	550	376	174	31.6	702	240	72	3	386
16 to 17 years .....	230	36.3	230	167	63	27.5	404	102	32	1	269
18 to 19 years .....	323	52.0	320	209	111	34.6	298	138	40	2	117
20 to 64 years .....	4,281	57.4	4,268	3,726	542	12.7	3,184	2,689	78	120	296
20 to 24 years .....	841	60.2	831	606	225	27.1	556	392	54	4	105
25 to 54 years .....	3,006	59.5	3,003	2,704	299	10.0	2,044	1,805	21	74	143
25 to 34 years .....	1,271	60.1	1,267	1,086	182	14.3	843	759	20	5	59
35 to 44 years .....	957	61.5	956	880	77	8.0	599	531	3	26	39
45 to 54 years .....	779	56.4	779	739	40	5.1	601	514	--	43	45
55 to 64 years .....	434	42.6	434	416	18	4.2	584	492	2	42	47
55 to 59 years .....	286	53.0	286	274	12	4.3	254	210	2	26	16
60 to 64 years .....	148	30.9	148	142	6	3.9	330	282	--	16	31
65 years and over .....	108	9.7	108	101	7	6.6	1,006	786	--	96	124

## 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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
<b>MALES</b>								
16 years and over	58,635	59,107	81.0	80.2	56,484	57,018	80.4	79.7
16 to 19 years	5,994	5,986	72.0	71.0	5,634	5,632	70.7	69.8
16 to 17 years	2,588	2,533	61.1	59.8	2,551	2,498	60.8	59.5
18 to 19 years	3,406	3,453	83.3	82.4	3,083	3,134	81.9	81.0
20 to 24 years	8,465	8,594	90.9	89.8	7,618	7,809	90.0	88.9
25 to 54 years	35,195	35,656	95.0	94.8	34,253	34,707	94.8	94.6
25 to 34 years	14,125	14,564	96.5	95.7	13,523	13,958	96.3	95.5
35 to 44 years	10,619	10,596	96.2	95.9	10,318	10,294	96.1	95.8
45 to 54 years	10,452	10,495	91.9	92.4	10,412	10,455	91.8	92.4
55 to 64 years	7,020	6,981	77.2	75.6	7,018	6,980	77.2	75.6
55 to 59 years	4,120	4,200	84.8	84.5	4,118	4,199	84.7	84.5
60 to 64 years	2,900	2,781	68.5	65.3	2,900	2,781	68.5	65.3
65 years and over	1,962	1,890	22.8	21.5	1,962	1,890	22.8	21.5
<b>White</b>								
16 years and over	52,441	52,798	81.6	80.9	50,617	51,053	81.1	80.4
16 to 19 years	5,259	5,295	73.8	73.6	4,961	5,000	72.6	72.5
16 to 17 years	2,297	2,260	63.6	62.8	2,265	2,230	63.2	62.4
18 to 19 years	2,962	3,035	84.2	84.5	2,696	2,770	82.9	83.2
20 to 24 years	7,418	7,538	91.5	90.7	6,709	6,900	90.7	90.0
25 to 54 years	31,517	31,848	95.6	95.3	30,702	31,036	95.4	95.2
25 to 34 years	12,570	12,919	96.8	96.0	12,053	12,402	96.7	95.9
35 to 44 years	9,478	9,443	96.8	96.5	9,218	9,185	96.7	96.5
45 to 54 years	9,469	9,485	92.7	93.2	9,431	9,449	92.7	93.2
55 to 64 years	6,434	6,402	78.0	76.5	6,432	6,401	78.0	76.5
55 to 59 years	3,786	3,845	85.6	85.3	3,784	3,844	85.6	85.3
60 to 64 years	2,648	2,557	69.2	66.3	2,648	2,557	69.1	66.3
65 years and over	1,813	1,715	23.3	21.5	1,813	1,715	23.3	21.5
<b>Negro and other races</b>								
16 years and over	6,194	6,309	76.2	75.1	5,867	5,965	75.2	74.0
16 to 19 years	734	691	61.5	56.1	673	632	59.4	53.9
16 to 17 years	291	272	46.7	43.0	286	268	46.3	42.7
18 to 19 years	444	419	77.5	70.0	387	364	75.0	67.0
20 to 24 years	1,047	1,056	87.1	83.9	908	909	85.4	81.7
25 to 54 years	3,679	3,808	90.2	90.6	3,551	3,670	89.9	90.2
25 to 34 years	1,554	1,645	93.5	93.5	1,471	1,555	93.2	93.2
35 to 44 years	1,141	1,153	91.1	91.1	1,100	1,109	90.8	91.1
45 to 54 years	983	1,010	84.3	85.5	980	1,006	84.3	85.5
55 to 64 years	586	579	69.2	67.0	586	579	69.2	67.0
55 to 59 years	334	355	76.0	76.8	334	355	76.0	76.8
60 to 64 years	252	224	61.9	55.7	252	224	61.9	55.7
65 years and over	149	175	18.4	20.7	149	175	18.4	20.7

## 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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
<b>FEMALES</b>								
16 years and over . . . . .	36,044	37,386	45.8	46.6	35,975	37,290	45.7	46.6
16 to 19 years . . . . .	4,494	4,647	55.2	56.3	4,478	4,627	55.1	56.2
16 to 17 years . . . . .	1,931	1,959	47.0	47.6	1,931	1,959	47.0	47.6
18 to 19 years . . . . .	2,562	2,688	63.4	65.0	2,547	2,668	63.3	64.8
20 to 24 years . . . . .	6,127	6,378	65.8	66.7	6,091	6,327	65.7	66.6
25 to 54 years . . . . .	20,347	21,222	52.4	53.8	20,331	21,198	52.3	53.8
25 to 34 years . . . . .	7,604	8,325	50.7	53.4	7,592	8,306	50.6	53.3
35 to 44 years . . . . .	6,181	6,338	53.2	54.5	6,179	6,335	53.2	54.4
45 to 54 years . . . . .	6,561	6,559	53.6	53.7	6,560	6,558	53.6	53.7
55 to 64 years . . . . .	4,103	4,161	40.1	40.1	4,103	4,161	40.1	40.1
55 to 59 years . . . . .	2,528	2,593	47.2	47.3	2,528	2,593	47.2	47.3
60 to 64 years . . . . .	1,575	1,568	32.4	32.1	1,575	1,568	32.4	32.1
65 years and over . . . . .	974	977	8.0	7.8	974	977	8.0	7.8
<b>White</b>								
16 years and over . . . . .	31,299	32,444	45.2	46.1	31,242	32,364	45.1	46.1
16 to 19 years . . . . .	3,977	4,094	57.4	58.5	3,964	4,077	57.3	58.4
16 to 17 years . . . . .	1,712	1,729	40.1	49.7	1,712	1,728	49.1	49.7
18 to 19 years . . . . .	2,265	2,365	65.8	67.2	2,252	2,348	65.6	67.1
20 to 24 years . . . . .	5,279	5,538	66.2	67.9	5,249	5,496	66.0	67.7
25 to 54 years . . . . .	17,453	18,216	51.4	53.0	17,439	18,196	51.3	52.9
25 to 34 years . . . . .	6,401	7,054	49.2	52.3	6,390	7,038	49.1	52.3
35 to 44 years . . . . .	5,252	5,381	52.1	53.4	5,249	5,378	52.1	53.4
45 to 54 years . . . . .	5,801	5,780	53.3	53.4	5,800	5,779	53.3	53.4
55 to 64 years . . . . .	3,703	3,727	40.1	39.9	3,703	3,727	40.1	39.9
55 to 59 years . . . . .	2,273	2,307	46.9	46.7	2,273	2,307	46.9	46.7
60 to 64 years . . . . .	1,430	1,420	32.6	32.2	1,430	1,420	32.6	32.2
65 years and over . . . . .	886	869	8.0	7.6	886	869	8.0	7.6
<b>Negro and other races</b>								
16 years and over . . . . .	4,745	4,942	50.0	50.3	4,735	4,926	50.0	50.2
16 to 19 years . . . . .	517	553	42.4	44.1	515	550	42.4	43.9
16 to 17 years . . . . .	219	230	35.2	36.3	219	230	35.2	36.3
18 to 19 years . . . . .	298	323	49.9	52.0	295	320	49.7	51.8
20 to 24 years . . . . .	847	841	63.6	60.2	841	831	63.4	59.9
25 to 54 years . . . . .	2,893	3,006	59.3	59.5	2,891	3,003	59.2	59.5
25 to 34 years . . . . .	1,203	1,271	60.5	60.1	1,202	1,267	60.5	60.0
35 to 44 years . . . . .	929	957	60.5	61.5	929	956	60.5	61.5
45 to 54 years . . . . .	761	779	56.0	56.4	760	779	56.0	56.4
55 to 64 years . . . . .	400	434	40.4	42.6	400	434	40.4	42.6
55 to 59 years . . . . .	256	286	50.0	53.0	256	286	50.0	53.0
60 to 64 years . . . . .	145	148	30.2	30.9	145	148	30.2	30.9
65 years and over . . . . .	87	108	8.2	9.7	87	108	8.2	9.7

**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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
<b>TOTAL</b>								
Total noninstitutional population	151,135	153,824	64,064	65,234	70,602	71,914	16,469	16,676
Total labor force	94,679	96,493	52,642	53,121	31,550	32,739	10,487	10,633
Percent of population	62.6	62.7	82.2	81.4	44.7	45.5	63.7	63.8
Civilian labor force	92,459	94,308	50,850	51,385	31,497	32,663	10,112	10,259
Employed	87,575	86,612	49,084	48,250	29,672	29,925	8,819	8,437
Agriculture	3,850	3,886	2,634	2,579	570	628	646	680
Nonagricultural industries	83,725	82,726	46,450	45,671	29,102	29,298	8,173	7,757
Unemployed	4,884	7,696	1,766	3,136	1,825	2,738	1,293	1,823
Percent of labor force	5.3	8.2	3.5	6.1	5.8	8.4	12.8	17.8
Not in labor force	56,456	57,331	11,423	12,113	39,052	39,176	5,982	6,042
<b>White</b>								
Total noninstitutional population	133,518	135,584	57,127	58,060	52,334	63,335	14,056	14,189
Total labor force	83,740	85,241	47,182	47,503	27,322	28,350	9,236	9,389
Percent of population	62.7	62.9	82.6	81.8	43.8	44.8	65.7	66.2
Civilian labor force	81,859	83,417	45,656	46,053	27,278	28,287	8,925	9,077
Employed	77,949	77,217	44,211	43,494	25,797	26,098	7,941	7,624
Agriculture	3,468	3,556	2,397	2,370	507	559	565	628
Nonagricultural industries	74,481	73,661	41,814	41,124	25,290	25,540	7,376	6,996
Unemployed	3,910	6,201	1,445	2,559	1,481	2,189	984	1,453
Percent of labor force	4.8	7.4	3.2	5.6	5.4	7.7	11.0	16.0
Not in labor force	49,778	50,343	9,946	10,557	35,012	34,986	4,820	4,800
<b>Negro and other races</b>								
Total noninstitutional population	17,617	18,239	6,937	7,174	8,268	8,579	2,413	2,486
Total labor force	10,939	11,252	5,460	5,618	4,228	4,389	1,251	1,244
Percent of population	62.1	61.7	78.7	78.3	51.1	51.2	51.9	50.0
Civilian labor force	10,602	10,891	5,194	5,333	4,220	4,376	1,188	1,182
Employed	9,627	9,395	4,873	4,756	3,876	3,827	878	813
Agriculture	383	330	237	209	64	69	82	52
Nonagricultural industries	9,243	9,065	4,635	4,547	3,812	3,758	796	760
Unemployed	975	1,495	321	577	344	549	310	370
Percent of labor force	9.2	13.7	6.2	10.8	8.2	12.5	26.1	31.3
Not in labor force	6,679	6,988	1,477	1,556	4,040	4,190	1,161	1,242

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

[Numbers in thousands]

Employment status	August 1975								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,738	12,492	12,246	21,106	10,704	10,402	3,632	1,788	1,844
Total labor force	16,858	9,533	7,325	14,837	8,403	6,435	2,021	1,130	891
Percent of population	68.1	76.3	59.8	70.3	78.5	61.9	55.6	63.2	48.3
Civilian labor force	16,065	8,786	7,278	14,186	7,790	6,396	1,879	996	883
Employed	13,433	7,395	6,037	12,101	6,670	5,431	1,332	725	607
Agriculture	887	696	191	810	641	169	77	55	22
Nonagricultural industries	12,545	6,699	5,846	11,291	6,029	5,261	1,255	670	585
Unemployed	2,632	1,391	1,241	2,085	1,120	965	547	271	276
Percent of labor force	16.4	15.8	17.0	14.7	14.4	15.1	29.1	27.2	31.2
Looking for full-time work	1,890	1,051	839	1,488	857	631	402	193	208
Looking for part-time work	742	340	402	597	262	334	146	78	67
Not in labor force	7,879	2,959	4,921	6,268	2,301	3,967	1,611	658	953
<b>MAJOR ACTIVITY: GOING TO SCHOOL</b>									
Civilian labor force	168	66	102	139	52	86	29	14	15
Employed	115	52	62	99	43	56	14	8	6
Agriculture	--	--	--	--	--	--	--	--	--
Nonagricultural industries	115	52	62	99	43	56	14	8	6
Unemployed	54	14	40	40	9	31	15	6	9
Percent of labor force	32.4	(1)	39.2	28.6	(1)	35.5	(1)	(1)	(1)
Looking for full-time work	14	4	9	9	3	6	5	1	3
Looking for part-time work	41	10	31	31	6	25	10	4	6
Not in labor force	848	386	462	624	275	348	225	111	114
<b>MAJOR ACTIVITY: OTHER</b>									
Civilian labor force	15,897	8,720	7,177	14,047	7,738	6,309	1,850	982	868
Employed	13,319	7,344	5,976	12,002	6,627	5,375	1,317	716	601
Agriculture	889	697	192	812	641	170	77	55	22
Nonagricultural industries	12,431	6,647	5,784	11,190	5,986	5,204	1,240	661	579
Unemployed	2,578	1,377	1,201	2,045	1,111	934	533	266	267
Percent of labor force	16.2	15.8	16.7	14.6	14.4	14.8	28.8	27.1	30.7
Looking for full-time work	1,876	1,046	830	1,479	854	625	397	192	205
Looking for part-time work	702	330	371	566	256	310	136	74	61
Not in labor force	7,031	2,573	4,458	5,645	2,026	3,619	1,387	547	839

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



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

[Numbers in thousands]

Color, sex, and age	August 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 .....	82,852	72,298	4,222	6,332	7.6	11,456	10,092	1,364	11.9
16 to 21 years .....	12,624	8,988	1,746	1,890	15.0	3,441	2,699	742	21.6
16 to 19 years .....	7,427	4,891	1,352	1,183	15.9	2,832	2,193	639	22.6
16 to 17 years .....	2,580	1,503	712	365	14.2	1,876	1,422	455	24.2
18 to 19 years .....	4,847	3,389	640	818	16.9	956	771	184	19.3
20 years and over .....	75,425	67,407	2,869	5,149	6.8	8,624	7,899	724	8.4
20 to 24 years .....	12,828	10,417	774	1,637	12.8	1,307	1,109	199	15.2
25 years and over .....	62,597	56,990	2,095	3,512	5.6	7,317	6,790	525	7.2
25 to 54 years .....	51,124	46,452	1,633	3,037	5.9	4,782	4,390	391	8.2
55 years and over .....	11,473	10,537	461	474	4.1	2,535	2,401	134	5.3
<b>Males, 16 years and over</b> .....	53,510	47,675	2,222	3,613	6.8	3,508	3,018	489	13.9
16 to 21 years .....	7,262	5,301	910	1,051	14.5	1,525	1,184	340	22.3
16 to 19 years .....	4,348	2,988	696	664	15.3	1,285	981	303	23.6
20 years and over .....	49,163	44,687	1,526	2,950	6.0	2,223	2,037	186	8.4
20 to 24 years .....	7,371	6,028	406	936	12.7	438	372	66	15.1
25 years and over .....	41,792	38,659	1,120	2,014	4.8	1,785	1,665	120	6.7
25 to 54 years .....	34,082	31,510	850	1,723	5.1	625	566	59	9.4
55 years and over .....	7,710	7,149	271	290	3.8	1,160	1,100	60	5.2
<b>Females, 16 years and over</b> .....	29,342	24,623	1,999	2,719	9.3	7,948	7,074	874	11.0
16 to 21 years .....	5,362	3,687	836	839	15.6	1,916	1,515	402	21.0
16 to 19 years .....	3,079	1,904	656	520	16.9	1,548	1,212	336	21.7
20 years and over .....	26,262	22,720	1,343	2,199	8.4	6,401	5,862	539	8.4
20 to 24 years .....	5,457	4,389	368	701	12.8	869	737	133	15.3
25 years and over .....	20,805	18,331	975	1,498	7.2	5,532	5,125	406	7.3
25 to 54 years .....	17,042	14,943	784	1,315	7.7	4,156	3,824	332	8.0
55 years and over .....	3,764	3,388	192	184	4.9	1,375	1,301	73	5.3
<b>White</b>									
<b>Males, 16 years and over</b> .....	48,016	43,185	1,882	2,948	6.1	3,037	2,655	382	12.6
16 to 21 years .....	6,480	4,823	799	857	13.2	1,310	1,048	262	20.0
16 to 19 years .....	3,898	2,734	625	540	13.8	1,103	871	232	21.0
20 years and over .....	44,118	40,452	1,258	2,409	5.5	1,934	1,784	150	7.8
20 to 24 years .....	6,524	5,441	336	747	11.5	376	326	50	13.3
25 years and over .....	37,594	35,011	922	1,662	4.4	1,558	1,458	100	6.4
25 to 54 years .....	30,513	28,404	701	1,408	4.6	523	477	47	9.0
55 years and over .....	7,082	6,607	221	253	3.6	1,034	981	53	5.1
<b>Females, 16 years and over</b> .....	25,267	21,490	1,639	2,139	8.5	7,097	6,365	732	10.3
16 to 21 years .....	4,686	3,337	719	631	13.5	1,710	1,376	334	19.6
16 to 19 years .....	2,695	1,736	561	398	14.8	1,381	1,098	284	20.5
20 years and over .....	22,572	19,753	1,078	1,741	7.7	5,716	5,268	448	7.8
20 to 24 years .....	4,730	3,903	315	512	10.8	765	669	97	12.6
25 years and over .....	17,842	15,850	763	1,229	6.9	4,951	4,599	351	7.1
25 to 54 years .....	14,440	12,763	613	1,065	7.4	3,755	3,472	284	7.6
55 years and over .....	3,401	3,088	149	164	4.8	1,195	1,127	68	5.7
<b>Negro and other races</b>									
<b>Males, 16 years and over</b> .....	5,494	4,489	340	665	12.1	471	363	107	22.8
16 to 21 years .....	782	478	111	193	24.7	214	136	78	36.5
16 to 19 years .....	450	254	72	124	27.6	182	110	71	39.3
20 years and over .....	5,044	4,235	268	541	10.7	289	253	36	12.4
20 to 24 years .....	847	588	70	189	22.4	62	46	16	(2)
25 years and over .....	4,197	3,647	198	352	8.4	227	207	20	8.8
25 to 54 years .....	3,569	3,106	149	315	8.8	101	89	12	11.9
55 years and over .....	628	541	49	37	5.9	126	118	8	6.3
<b>Females, 16 years and over</b> .....	4,075	3,134	361	580	14.2	851	709	143	16.7
16 to 21 years .....	676	351	117	208	30.8	206	139	67	32.6
16 to 19 years .....	384	167	95	122	31.8	166	114	52	31.3
20 years and over .....	3,691	2,967	266	458	12.4	685	594	90	13.2
20 to 24 years .....	727	486	53	189	26.0	104	68	36	34.7
25 years and over .....	2,964	2,481	213	269	9.1	581	526	54	9.3
25 to 54 years .....	2,602	2,181	171	250	9.6	401	352	49	12.2
55 years and over .....	363	300	42	20	5.5	180	174	6	3.3

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

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

A-8. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
Total, 16 years and over .....	2,441	4,102	4.3	7.2	2,443	3,594	6.8	9.6
16 to 19 years .....	675	967	12.0	17.2	618	856	13.8	18.5
16 to 17 years .....	353	439	13.9	17.6	253	381	13.1	19.5
18 to 19 years .....	322	528	10.4	16.8	365	475	14.3	17.8
20 years and over .....	1,766	3,136	3.5	6.1	1,825	2,738	5.8	8.4
20 to 24 years .....	627	1,002	8.2	12.8	655	833	10.8	13.2
25 years and over .....	1,139	2,133	2.6	4.9	1,170	1,905	4.6	7.2
25 to 34 years .....	473	883	3.5	6.3	493	814	6.5	9.8
35 to 44 years .....	219	439	2.1	4.3	302	444	4.9	7.0
45 to 54 years .....	196	460	1.9	4.4	209	389	3.2	5.9
55 to 64 years .....	177	264	2.5	3.8	132	205	3.2	4.9
55 to 59 years .....	91	161	2.2	3.8	81	115	3.2	4.4
60 to 64 years .....	86	103	3.0	3.7	51	90	3.2	5.7
65 years and over .....	74	87	3.8	4.6	34	53	3.5	5.4
Household heads, 16 years and over .....	1,158	2,177	2.6	4.8	415	616	5.4	7.5
16 to 24 years .....	215	376	5.0	8.9	94	142	9.8	12.3
25 to 54 years .....	711	1,459	2.2	4.5	230	358	5.0	7.3
55 years and over .....	232	342	2.7	4.0	90	117	4.2	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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
Total, 16 years and over .....	2,441	4,102	4.3	7.2	2,443	3,594	6.8	9.6
Married, spouse present .....	971	1,824	2.4	4.6	1,176	1,726	5.8	8.3
Widowed, divorced, or separated .....	191	341	5.3	9.2	404	589	6.3	8.9
Single (never married) .....	1,280	1,938	10.0	14.6	863	1,278	9.4	12.9
White, 16 years and over .....	1,945	3,330	3.8	6.5	1,964	2,871	6.3	8.9
Married, spouse present .....	830	1,558	2.3	4.3	1,022	1,492	5.6	8.0
Widowed, divorced, or separated .....	155	246	5.3	8.3	298	441	5.8	8.2
Single (never married) .....	960	1,526	8.6	13.2	645	938	8.2	11.1
Negro and other races, 16 years and over .....	496	772	8.5	12.9	479	723	10.1	14.7
Married, spouse present .....	141	266	4.0	7.4	155	235	7.1	10.7
Widowed, divorced, or separated .....	35	95	5.2	12.8	106	148	8.3	11.7
Single (never married) .....	319	412	19.1	24.9	218	340	17.0	23.3
Total, 20 to 64 years of age .....	1,692	3,049	3.5	6.2	1,791	2,685	5.9	8.5
Married, spouse present .....	895	1,715	2.3	4.5	1,076	1,601	5.5	8.0
Widowed, divorced, or separated .....	174	329	5.3	9.6	367	524	6.3	8.7
Single (never married) .....	622	1,006	8.4	12.9	349	560	6.8	9.8
White, 20 to 64 years of age .....	1,384	2,482	3.2	5.6	1,446	2,144	5.5	7.8
Married, spouse present .....	765	1,458	2.2	4.2	932	1,378	5.3	7.7
Widowed, divorced, or separated .....	141	238	5.3	8.7	272	390	5.9	8.1
Single (never married) .....	478	786	7.5	11.6	242	375	5.6	7.9
Negro and other races, 20 to 64 years of age .....	308	567	6.1	11.0	344	542	8.3	12.7
Married, spouse present .....	130	257	3.8	7.5	144	222	6.8	10.4
Widowed, divorced, or separated .....	33	90	5.2	13.0	94	135	7.8	11.4
Single (never married) .....	145	220	14.5	21.0	107	185	13.0	19.4

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
Total	4,885	7,696	5.3	8.2	4.3	7.2	6.8	9.6
White-collar workers	1,451	2,156	3.4	4.9	2.1	3.3	4.6	6.4
Professional and technical	364	506	3.0	3.9	2.1	3.1	4.2	5.1
Managers and administrators, except farm	162	257	1.8	2.7	1.4	2.6	3.3	3.3
Sales workers	198	325	3.5	5.5	2.4	3.7	5.0	8.0
Clerical workers	727	1,067	4.6	6.6	3.4	4.9	4.9	7.1
Blue-collar workers	1,882	3,277	5.7	10.1	5.0	9.1	8.9	14.8
Craft and kindred workers	439	842	3.6	6.9	3.5	6.7	5.2	9.0
Carpenters and other construction craft	233	415	5.9	10.5	6.0	10.5	(1)	(1)
All other	206	427	2.5	5.1	3.0	4.9	5.1	9.1
Operatives, except transport	866	1,485	7.3	13.0	5.8	11.1	9.6	16.0
Transport equipment operatives	136	266	3.8	7.5	3.7	7.3	8.1	11.1
Nonfarm laborers	441	684	8.3	12.9	8.6	13.1	4.7	10.9
Construction laborers	121	226	11.7	21.2	11.7	21.3	(1)	(1)
All other	320	458	7.5	10.8	7.8	10.8	4.2	11.1
Service workers	763	1,184	6.1	9.1	5.2	8.2	6.7	9.7
Private household	47	69	3.8	5.6	(1)	(1)	3.7	5.7
All other	716	1,115	6.4	9.5	5.2	8.3	7.2	10.4
Farm workers	84	123	2.5	3.5	2.5	3.4	2.6	4.0
No previous work experience	704	956	--	--	--	--	--	--
16 to 19 years	532	725	--	--	--	--	--	--
20 to 24 years	113	164	--	--	--	--	--	--
25 years and over	58	67	--	--	--	--	--	--

<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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
Total	100.0	100.0	5.3	8.2	4.3	7.2	6.8	9.6
Nonagricultural private wage and salary workers	71.8	74.4	5.2	8.4	4.4	7.7	6.5	9.4
Mining	.3	.5	2.4	5.8	2.3	6.1	3.7	(1)
Construction	7.5	8.6	7.8	14.2	7.9	14.4	6.0	10.1
Manufacturing	23.8	27.7	5.2	10.0	3.9	8.4	8.4	13.8
Durable goods	12.7	17.6	4.7	10.8	3.9	9.3	7.2	15.6
Lumber and wood products	.8	.8	5.6	9.9	4.7	8.4	12.8	19.0
Furniture and fixtures	.9	.9	7.7	12.8	7.2	10.4	8.8	18.0
Stone, clay, and glass products	.7	.7	4.7	8.1	3.9	7.6	7.8	10.4
Primary metal industries	.9	1.8	3.0	10.3	2.9	9.2	3.1	21.7
Fabricated metal products	1.3	2.1	4.2	11.3	3.5	10.9	6.6	13.1
Machinery, except electrical equipment	1.4	3.0	2.7	9.7	2.1	8.4	5.6	15.8
Electrical equipment	2.0	3.5	4.1	12.4	2.2	9.2	7.0	17.6
Transportation equipment	3.3	3.1	7.2	11.8	7.1	11.2	7.9	15.5
Automobiles	2.4	1.9	9.0	13.0	9.4	13.4	5.5	10.3
Other transportation equipment	.9	1.3	4.8	10.3	3.9	8.5	9.9	20.0
Instruments and related products	.3	.4	3.2	6.1	7.6	3.0	3.0	9.6
Other durable goods industries	1.2	1.1	7.7	11.9	4.9	9.4	11.0	15.2
Nondurable goods	11.0	10.1	6.1	8.9	3.7	6.6	9.4	12.4
Food and kindred products	2.7	2.2	7.1	8.7	5.0	7.0	12.1	12.8
Textile mill products	1.4	1.3	6.9	11.7	7.3	7.4	6.4	16.4
Apparel and other textile products	3.2	2.0	10.8	10.9	9.2	8.3	11.2	11.6
Paper and allied products	.6	.6	3.6	7.9	3.0	7.7	6.3	8.7
Printing and publishing	1.2	1.1	4.6	6.7	2.0	5.2	8.3	9.0
Chemicals and allied products	.7	1.0	2.6	6.2	1.4	5.4	6.2	8.3
Rubber and plastics products	.6	1.1	5.8	12.8	3.0	10.2	6.4	17.4
Other nondurable goods industries	1.4	.8	4.2	8.7	1.3	2.9	7.9	16.5
Transportation and public utilities	3.3	3.3	3.2	5.2	2.6	5.1	5.1	5.4
Railroads and railway express	.1	.3	1.2	3.2	1.1	3.4	(1)	(1)
Other transportation	2.0	2.4	4.1	8.2	3.6	8.2	6.6	8.3
Communication and other public utilities	1.2	.7	2.7	2.6	1.9	1.8	4.4	4.1
Wholesale and retail trade	19.4	18.7	5.8	8.4	4.8	6.9	7.0	10.1
Finance, insurance, and real estate	2.8	2.5	3.0	4.2	2.1	3.4	3.7	4.8
Service industries	14.7	13.1	5.1	6.8	4.4	5.8	5.5	7.5
Professional services	6.6	5.7	4.3	5.5	2.7	4.3	5.0	6.0
All other service industries	8.1	7.4	6.0	8.4	5.7	7.0	6.3	9.7
Agricultural wage and salary workers	2.0	2.1	6.0	7.8	6.1	9.0	5.8	9.3
All other classes of workers	11.8	11.1	2.6	3.6	1.9	2.7	3.6	5.2
No previous work experience	14.4	12.4	--	--	--	--	--	--

<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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
<b>UNEMPLOYMENT LEVEL</b>												
Total unemployed, in thousands	4,885	7,696	1,766	3,136	1,825	2,738	1,294	1,823	3,909	6,201	975	1,495
Job losers	1,877	4,016	1,032	2,293	599	1,315	246	408	1,557	3,255	320	761
Job leavers	843	848	327	277	357	393	159	178	711	738	132	110
Reentrants	1,462	1,877	352	479	754	885	357	513	1,140	1,468	322	408
New entrants	703	955	55	86	115	146	532	724	502	740	201	216
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	38.4	52.2	58.4	73.1	32.8	48.0	19.0	22.4	39.8	52.5	32.8	50.9
Job leavers	17.3	11.0	18.5	8.8	19.6	14.4	12.3	9.8	18.2	11.9	13.5	7.4
Reentrants	29.9	24.4	19.9	15.3	41.3	32.3	27.6	28.1	29.2	23.7	33.0	27.3
New entrants	14.4	12.4	3.1	2.7	6.3	5.3	41.2	39.7	12.8	11.9	20.6	14.4
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate	5.3	8.2	3.5	6.1	5.8	8.4	12.8	17.8	4.8	7.4	9.2	13.7
Job loser rate <sup>1</sup>	2.0	4.3	2.0	4.5	1.9	4.0	2.4	4.0	1.9	3.9	3.0	7.0
Job leaver rate <sup>1</sup>	.9	.9	.6	.5	1.1	1.2	1.6	1.7	.9	.9	1.2	1.0
Reentrant rate <sup>1</sup>	1.6	2.0	.7	.9	2.4	2.7	3.5	5.0	1.4	1.8	3.0	3.8
New entrant rate <sup>1</sup>	.8	1.0	.1	.2	.4	.4	5.3	7.1	.6	.9	1.9	2.0

<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	August, 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	7,696	100.0	34.7	33.1	32.3	13.0	19.3
Job losers	4,016	100.0	27.1	28.5	44.4	16.4	28.0
Job leavers	848	100.0	44.7	29.5	25.8	9.8	16.0
Reentrants	1,877	100.0	45.1	35.2	19.8	10.8	9.0
New entrants	955	100.0	36.8	51.8	11.4	5.9	5.5
Males, 20 years and over	3,136	100.0	26.0	28.2	45.8	16.8	29.0
Job losers	2,293	100.0	23.2	26.1	50.6	17.9	32.7
Job leavers	277	100.0	37.1	30.2	32.7	10.8	21.9
Reentrants	479	100.0	31.5	34.9	33.6	16.9	16.7
New entrants	86	100.0	34.1	38.8	27.1	5.9	21.2
Females, 20 years and over	2,738	100.0	40.7	29.5	29.8	12.9	16.9
Job losers	1,315	100.0	27.4	31.4	41.2	16.5	24.7
Job leavers	393	100.0	46.1	27.7	26.2	9.4	16.8
Reentrants	885	100.0	55.3	27.6	17.2	10.1	7.1
New entrants	146	100.0	56.8	29.5	13.6	6.8	6.8
Both sexes, 16 to 19 years	1,823	100.0	40.5	47.0	12.4	6.4	6.0
Job losers	408	100.0	48.2	32.4	19.4	6.9	12.5
Job leavers	178	100.0	53.4	32.0	14.6	9.0	5.6
Reentrants	513	100.0	40.5	48.5	11.0	6.1	4.9
New entrants	724	100.0	33.2	57.7	9.1	5.8	3.3

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

Sex, age, and color	August 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> .....	7,696	6,093	28.4	6.0	72.7	29.0	15.5	5.8	1.57
16 to 19 years .....	1,823	1,673	20.1	3.9	77.2	27.3	15.4	2.5	1.46
20 to 24 years .....	1,836	1,492	31.6	5.4	73.4	29.5	14.7	3.6	1.58
25 to 34 years .....	1,698	1,267	33.1	8.5	71.9	32.4	15.5	5.9	1.67
35 to 44 years .....	883	628	30.4	6.7	69.4	26.8	16.4	9.7	1.59
45 to 54 years .....	848	582	33.8	7.9	70.1	29.6	14.8	10.8	1.67
55 to 64 years .....	469	340	30.0	4.7	64.4	27.4	15.9	12.6	1.55
65 years and over .....	139	111	11.7	7.2	62.2	23.4	23.4	13.5	1.41
<b>Males, 16 years and over</b> .....	4,102	3,174	31.9	6.6	73.0	27.2	18.4	8.0	1.65
16 to 19 years .....	967	870	22.6	2.5	77.0	25.7	17.5	2.6	1.48
20 to 24 years .....	1,002	770	33.8	5.5	75.5	28.7	17.8	4.9	1.66
25 to 34 years .....	883	617	41.5	11.5	72.9	33.4	20.7	6.6	1.87
35 to 44 years .....	439	315	37.1	10.5	68.3	22.2	18.1	14.6	1.71
45 to 54 years .....	460	327	36.4	10.1	70.6	24.5	15.3	17.4	1.74
55 to 64 years .....	264	200	27.5	2.0	64.5	22.0	20.5	17.5	1.54
65 years and over .....	87	75	12.0	5.3	54.7	25.3	25.3	18.7	1.41
<b>Females, 16 years and over</b> .....	3,594	2,919	24.5	5.4	72.4	30.9	12.3	3.3	1.49
16 to 19 years .....	856	804	17.3	5.5	77.4	29.0	13.2	2.2	1.46
20 to 24 years .....	833	721	29.3	5.5	71.3	30.2	11.4	2.2	1.50
25 to 34 years .....	814	650	24.9	5.7	70.9	31.4	10.5	5.1	1.49
35 to 44 years .....	444	312	23.7	2.9	70.5	31.4	14.7	4.8	1.48
45 to 54 years .....	389	255	30.2	5.1	69.4	36.1	14.1	2.4	1.57
55 to 64 years .....	205	141	33.3	7.8	64.5	34.8	9.2	5.7	1.55
65 years and over .....	53	36	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White</b> .....	6,201	4,816	26.0	5.6	74.3	30.3	15.8	6.3	1.58
<b>Males</b> .....	3,330	2,531	29.9	6.8	74.3	28.1	19.0	9.0	1.67
<b>Females</b> .....	2,871	2,285	21.7	4.4	74.3	32.8	12.2	3.3	1.49
<b>Negro and other races</b> .....	1,495	1,277	37.4	7.4	66.7	24.0	14.4	3.6	1.54
<b>Males</b> .....	772	643	40.1	5.9	68.0	24.0	16.2	3.9	1.58
<b>Females</b> .....	723	634	34.7	9.1	65.5	24.0	12.6	3.3	1.49

<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

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or because many jobseekers use more than one method.

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

Sex and reason	August 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> .....	7,696	6,093	28.4	6.0	72.7	29.0	15.5	5.8	1.57
Job losers .....	4,016	2,589	37.1	7.1	70.1	31.9	17.9	7.0	1.71
Job leavers .....	848	804	27.0	5.3	76.5	24.9	10.8	3.4	1.48
Reentrants .....	1,877	1,767	21.6	5.7	71.9	27.6	12.8	6.7	1.46
New entrants .....	955	933	18.1	4.3	78.2	27.1	17.8	2.5	1.48
<b>Males, 16 years and over</b> .....	4,102	3,174	31.9	6.6	73.0	27.2	18.4	8.0	1.65
Job losers .....	2,591	1,728	37.7	7.1	71.6	29.1	18.9	8.9	1.73
Job leavers .....	359	356	30.1	5.6	74.7	21.3	13.5	5.3	1.51
Reentrants .....	716	663	27.8	7.7	39.4	11.9	11.6	8.7	1.07
New entrants .....	435	427	27.2	4.9	61.1	18.5	18.0	13.6	1.43
<b>Females, 16 years and over</b> .....	3,594	2,919	24.5	5.4	72.4	30.9	12.3	3.3	1.49
Job losers .....	1,425	861	35.8	7.0	66.9	37.5	15.8	3.1	1.66
Job leavers .....	489	448	24.6	5.1	77.9	27.9	8.7	1.8	1.46
Reentrants .....	1,161	1,104	17.9	4.3	72.4	28.0	10.0	4.4	1.37
New entrants .....	521	506	19.4	5.1	76.9	28.7	14.4	2.4	1.47

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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
Total .....	4,884	7,696	100.0	100.0	1,573	2,794	100.0	100.0
Less than 5 weeks .....	2,500	2,668	51.2	34.7	693	780	44.1	27.9
5 to 14 weeks .....	1,564	2,548	32.0	33.1	510	771	32.4	27.6
5 to 10 weeks .....	1,153	1,775	23.6	23.1	385	545	24.5	19.5
11 to 14 weeks .....	411	773	8.4	10.0	125	226	7.9	8.1
15 weeks and over .....	820	2,481	16.8	32.2	370	1,243	23.5	44.5
15 to 26 weeks .....	434	998	8.9	13.0	163	478	10.4	17.1
27 weeks and over .....	386	1,482	7.9	19.3	207	765	13.2	27.4
Average (mean) duration .....	9.6	15.2	--	--	11.9	19.1	--	--

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		Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
	August 1975						Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
Total, 16 years and over .....	7,696	2,668	2,548	998	1,482	15.2	51.2	34.7	16.8	32.2
16 to 21 years .....	2,632	1,051	1,104	223	254	10.7	54.8	39.9	10.4	18.1
16 to 19 years .....	1,823	738	856	118	111	9.4	54.1	40.5	9.7	12.5
20 to 24 years .....	1,836	658	574	249	355	14.4	53.1	35.9	14.2	32.9
25 to 34 years .....	1,698	543	487	276	392	16.4	51.9	32.0	16.9	39.3
35 to 44 years .....	883	288	236	138	221	18.2	50.6	32.6	19.8	40.7
45 to 54 years .....	848	266	235	128	219	18.9	49.2	31.4	28.1	40.9
55 to 64 years .....	469	130	137	62	140	19.9	39.0	27.8	31.2	43.0
65 years and over .....	139	43	22	28	46	26.4	32.3	31.2	33.8	52.8
Males, 16 years and over .....	4,102	1,189	1,343	594	976	17.4	46.9	29.0	20.5	38.3
16 to 21 years .....	1,391	490	589	136	175	12.4	54.4	35.2	12.2	22.4
16 to 19 years .....	967	373	460	67	66	10.0	52.9	38.6	12.2	13.8
20 to 24 years .....	1,002	266	314	168	254	17.3	49.2	26.6	16.8	42.1
25 to 34 years .....	883	247	239	152	246	19.0	44.8	28.0	21.4	45.0
35 to 44 years .....	439	102	118	72	148	22.1	42.2	23.1	27.5	50.1
45 to 54 years .....	460	122	121	75	142	21.6	38.5	26.5	35.7	47.2
55 to 64 years .....	264	56	80	38	90	21.5	42.1	21.1	31.9	48.6
65 years and over .....	87	23	12	22	29	26.1	(1)	26.9	(1)	59.5
Females, 16 years and over .....	3,594	1,478	1,204	404	507	12.6	55.5	41.1	13.0	25.3
16 to 21 years .....	1,241	561	514	87	79	8.9	56.4	45.2	8.6	13.4
16 to 19 years .....	856	365	396	50	44	8.8	55.4	42.6	6.9	11.0
20 to 24 years .....	833	392	260	81	101	11.0	56.9	47.0	11.7	21.8
25 to 34 years .....	814	296	248	124	146	13.7	58.7	36.4	12.6	33.2
35 to 44 years .....	444	186	119	66	73	14.2	56.7	42.0	14.2	31.3
45 to 54 years .....	389	144	114	53	77	15.8	59.3	37.1	20.9	33.5
55 to 64 years .....	205	75	57	24	49	17.8	34.8	36.4	30.2	35.8
65 years and over .....	53	20	10	5	17	27.0	(1)	(1)	(1)	(1)
White .....	6,201	2,180	2,018	809	1,193	15.2	53.0	35.2	16.6	32.3
Males .....	3,330	987	1,079	488	776	17.3	48.9	29.6	20.4	38.0
Females .....	2,871	1,193	939	321	417	12.7	57.1	41.6	12.8	25.7
Negro and other races .....	1,495	488	530	189	289	15.1	43.8	32.6	17.6	32.0
Males .....	772	202	265	106	200	17.7	38.7	26.2	21.2	39.5
Females .....	723	285	265	83	90	12.4	49.1	39.5	13.9	23.9
Males:										
Married, spouse present .....	1,824	476	498	311	538	19.7	42.2	26.1	26.7	46.6
Widowed, divorced, or separated .....	341	77	96	64	104	20.6	46.7	22.5	25.5	49.2
Single (never married) .....	1,938	636	749	219	334	14.7	50.4	32.8	15.1	28.5
Females:										
Married, spouse present .....	1,726	718	502	220	287	13.6	60.8	41.6	12.3	29.3
Widowed, divorced, or separated .....	589	221	187	88	94	14.3	54.6	37.5	18.6	30.8
Single (never married) .....	1,278	540	515	97	126	10.4	48.6	42.3	11.5	17.4

<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		Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
	August 1975									
<b>OCCUPATION</b>										
White-collar workers	2,156	726	736	275	419	15.2	48.7	33.7	19.0	32.2
Professional and managerial	763	222	272	95	174	17.4	44.9	29.1	21.5	35.3
Sales workers	325	109	111	52	54	14.8	54.9	33.4	18.1	32.5
Clerical workers	1,067	395	353	129	191	13.9	49.7	37.0	17.5	30.0
Blue-collar workers	3,277	1,000	888	537	852	18.1	52.4	30.5	18.9	42.4
Craft and kindred workers	842	244	255	133	211	18.0	51.7	29.0	20.0	40.8
Operatives, except transport	1,485	466	330	266	422	19.1	54.9	31.4	17.8	46.4
Transport equipment operatives	266	58	108	35	66	17.3	45.7	21.8	25.3	37.7
Nonfarm laborers	684	233	195	103	153	16.4	50.5	34.0	18.0	37.4
Service workers	1,184	503	406	125	149	12.2	55.4	42.5	15.6	23.2
<b>INDUSTRY<sup>1</sup></b>										
Agriculture	159	91	38	15	15	9.0	63.0	57.2	2.7	19.2
Construction	696	225	189	96	186	17.6	54.9	32.3	15.7	40.6
Manufacturing	2,143	648	509	377	610	19.2	51.6	30.2	19.8	46.1
Durable goods	1,359	363	300	258	438	20.4	49.5	26.7	22.5	51.2
Nondurable goods	784	284	209	119	172	17.2	54.1	36.2	16.8	37.1
Transportation and public utilities	295	94	82	46	73	18.0	47.8	31.9	27.0	40.5
Wholesale and retail trade	1,441	514	502	188	237	14.2	51.7	35.7	17.3	29.5
Finance and service industries	1,635	615	599	186	236	12.5	50.3	37.6	17.0	25.7
Public administration	216	64	93	14	45	15.2	45.9	29.7	24.9	27.4
No previous work experience	956	353	494	56	54	9.5	47.4	36.9	9.5	11.4

<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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
All industries	87,575	86,612	54,043	52,915	33,532	33,696
16 to 19 years	8,819	8,437	4,959	4,665	3,860	3,771
16 to 17 years	3,876	3,637	2,198	2,059	1,678	1,578
18 to 19 years	4,943	4,800	2,761	2,606	2,182	2,194
20 to 24 years	12,427	12,300	6,991	6,807	5,436	5,493
25 to 54 years	52,692	52,476	33,365	32,925	19,327	19,550
25 to 34 years	20,149	20,566	13,050	13,074	7,099	7,491
35 to 44 years	15,976	15,745	10,099	9,855	5,877	5,890
45 to 54 years	16,567	16,165	10,216	9,996	6,351	6,169
55 to 64 years	10,812	10,671	6,841	6,715	3,971	3,956
55 to 59 years	6,474	6,515	4,027	4,037	2,447	2,478
60 to 64 years	4,338	4,156	2,814	2,678	1,524	1,478
65 years and over	2,828	2,728	1,888	1,804	940	925
Nonagricultural industries	83,725	82,726	50,878	49,809	32,846	32,916
16 to 19 years	8,172	7,757	4,429	4,138	3,744	3,619
16 to 17 years	3,484	3,226	1,880	1,743	1,604	1,483
18 to 19 years	4,688	4,531	2,549	2,395	2,139	2,136
20 to 24 years	11,988	11,886	6,621	6,460	5,368	5,425
25 to 54 years	50,940	50,623	31,979	31,497	18,961	19,126
25 to 34 years	19,631	19,997	12,625	12,623	7,006	7,374
35 to 44 years	15,440	15,162	9,692	9,426	5,748	5,736
45 to 54 years	15,869	15,464	9,662	9,448	6,207	6,016
55 to 64 years	10,184	10,078	6,310	6,214	3,873	3,863
55 to 59 years	6,136	6,199	3,746	3,779	2,390	2,420
60 to 64 years	4,048	3,878	2,565	2,435	1,483	1,443
65 years and over	2,440	2,383	1,540	1,500	901	883
Agriculture	3,851	3,886	3,165	3,106	686	780
16 to 19 years	646	680	530	527	116	153
16 to 17 years	392	411	318	317	73	95
18 to 19 years	255	269	212	211	43	58
20 to 24 years	438	414	370	346	68	68
25 to 54 years	1,751	1,853	1,386	1,429	366	425
25 to 34 years	518	569	425	452	93	117
35 to 44 years	535	583	407	429	129	154
45 to 54 years	698	701	554	548	144	154
55 to 64 years	628	594	530	501	98	93
55 to 59 years	338	316	281	258	57	58
60 to 64 years	290	277	249	243	41	35
65 years and over	387	346	348	303	39	42

## 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	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
<b>TOTAL</b> .....	87,575	86,612	49,084	48,250	29,672	29,925	4,959	4,665	3,860	3,771
<b>White-collar workers</b> .....	41,394	42,224	20,327	20,622	18,435	19,111	704	679	1,927	1,813
Professional and technical .....	11,931	12,418	7,169	7,234	4,560	4,933	110	127	92	125
Health workers .....	1,999	2,202	715	735	1,267	1,433	4	10	13	23
Teachers, except college .....	2,536	2,540	805	700	1,710	1,825	5	6	16	10
Other professional and technical .....	7,396	7,676	5,649	5,799	1,583	1,675	101	111	63	92
Managers and administrators, except farm .....	8,872	9,107	7,119	7,189	1,653	1,832	81	54	20	32
Salaried workers .....	7,058	7,288	5,694	5,750	1,270	1,456	73	50	19	31
Self-employed workers in retail trade .....	936	909	677	678	257	229	1	2	1	1
Self-employed workers, except retail trade .....	879	909	747	760	126	147	6	2	--	--
Sales workers .....	5,486	5,563	3,003	3,042	1,844	1,946	223	214	416	361
Retail trade .....	3,084	3,075	1,034	1,011	1,474	1,552	185	173	391	339
Other industries .....	2,401	2,489	1,969	2,031	370	394	38	41	25	23
Clerical workers .....	15,105	15,136	3,037	3,157	10,378	10,400	290	284	1,400	1,294
Stenographers, typists, and secretaries .....	4,381	4,320	58	50	3,869	3,842	5	13	449	415
Other clerical workers .....	10,724	10,816	2,979	3,107	6,509	6,558	285	271	951	879
<b>Blue-collar workers</b> .....	31,160	29,239	22,966	21,791	4,834	4,460	2,901	2,609	458	378
Craft and kindred workers .....	11,905	11,445	10,852	10,462	443	467	581	474	28	41
Carpenters .....	1,127	1,072	1,039	1,006	5	3	84	61	--	2
Construction craft, except carpenters .....	2,583	2,483	2,392	2,276	15	29	172	171	3	7
Mechanics and repairers .....	2,991	2,967	2,798	2,795	24	19	169	151	1	3
Metal craft .....	1,210	1,095	1,162	1,059	12	13	35	23	1	--
Blue-collar worker supervisors, not elsewhere classified .....	1,495	1,461	1,356	1,319	117	129	18	8	4	6
All other .....	2,498	2,366	2,105	2,007	270	274	103	61	20	25
Operatives, except transport .....	10,972	9,901	5,823	5,414	3,959	3,571	856	688	335	227
Durable goods manufacturing .....	5,099	4,221	3,179	2,732	1,484	1,232	336	210	100	47
Nondurable goods manufacturing .....	3,475	3,229	1,268	1,214	1,885	1,761	165	137	157	118
Other industries .....	2,398	2,451	1,376	1,468	590	578	355	341	78	62
Transport equipment operatives .....	3,392	3,275	3,038	2,875	124	145	220	231	10	23
Drivers, motor vehicles .....	2,855	2,768	2,552	2,411	117	142	180	196	7	19
All other .....	536	507	486	465	7	4	40	35	3	4
Nonfarm laborers .....	4,891	4,619	3,252	3,040	308	276	1,245	1,215	85	87
Construction .....	915	840	678	608	8	1	230	222	--	9
Manufacturing .....	1,192	1,072	882	801	121	112	176	145	13	14
Other industries .....	2,783	2,706	1,692	1,631	179	163	839	848	73	64
<b>Service workers</b> .....	11,706	11,784	3,491	3,560	5,919	5,837	912	934	1,384	1,454
Private household workers .....	1,195	1,170	24	16	853	848	7	12	311	294
Service workers, except private household .....	10,511	10,615	3,467	3,544	5,066	4,989	905	922	1,072	1,160
Food service workers .....	3,647	3,696	671	658	1,882	1,860	419	487	674	691
Protective service workers .....	1,302	1,303	1,184	1,209	81	63	29	26	8	5
All other .....	5,562	5,616	1,612	1,677	3,103	3,066	457	409	390	464
<b>Farm workers</b> .....	3,316	3,364	2,299	2,277	485	518	442	443	91	127
Farmers and farm managers .....	1,696	1,641	1,559	1,511	119	107	18	21	--	3
Farm laborers and supervisors .....	1,620	1,723	740	766	365	411	424	422	91	124
Paid workers .....	1,161	1,231	669	695	128	150	309	299	54	87
Unpaid family workers .....	459	492	71	71	237	261	115	123	37	37



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

[Percent distribution]

Occupational group and color	Total		Males		Females	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
<b>TOTAL</b>						
Total employed (thousands) .....	87,575	86,612	54,043	52,915	33,532	33,696
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers .....	47.3	48.8	38.9	40.3	60.7	62.1
Professional and technical .....	13.6	14.3	13.5	13.9	13.9	15.0
Managers and administrators, except farm .....	10.1	10.5	13.3	13.7	5.0	5.5
Sales workers .....	6.3	6.4	6.0	6.2	6.7	6.8
Clerical workers .....	17.2	17.5	6.2	6.5	35.1	34.7
Blue-collar workers .....	35.6	33.8	47.9	46.1	15.8	14.4
Craft and kindred workers .....	13.6	13.2	21.2	20.7	1.4	1.5
Operatives, except transport .....	12.5	11.4	12.4	11.5	12.8	11.3
Transport equipment operatives .....	3.9	3.8	6.0	5.9	.4	.5
Nonfarm laborers .....	5.6	5.3	8.3	8.0	1.2	1.1
Service workers .....	13.4	13.6	8.1	8.5	21.8	21.6
Private household workers .....	1.4	1.4	.1	.1	3.5	3.4
Other service workers .....	12.0	12.3	8.1	8.4	18.3	18.2
Farm workers .....	3.8	3.9	5.1	5.1	1.7	1.9
Farmers and farm managers .....	1.9	1.9	2.9	2.9	.4	.3
Farm laborers and supervisors .....	1.8	2.0	2.2	2.2	1.4	1.6
<b>White</b>						
Total employed (thousands) .....	77,949	77,217	48,672	47,723	29,277	29,494
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers .....	49.1	50.5	40.5	41.8	63.4	64.6
Professional and technical .....	14.0	14.6	13.9	14.3	14.3	15.2
Managers and administrators, except farm .....	10.8	11.3	14.2	14.5	5.3	6.0
Sales workers .....	6.7	6.9	6.4	6.6	7.3	7.4
Clerical workers .....	17.5	17.7	6.1	6.4	36.5	36.0
Blue-collar workers .....	35.0	33.3	46.9	45.3	15.2	13.9
Craft and kindred workers .....	14.1	13.8	21.8	21.3	1.4	1.5
Operatives, except transport .....	12.0	11.0	11.9	11.2	12.2	10.7
Transport equipment operatives .....	3.8	3.6	5.8	5.5	.4	.5
Nonfarm laborers .....	5.1	4.9	7.5	7.3	1.2	1.1
Service workers .....	12.0	12.2	7.4	7.6	19.8	19.6
Private household workers .....	.9	1.0	(1)	(1)	2.5	2.5
Other service workers .....	11.1	11.2	7.3	7.6	17.3	17.2
Farm workers .....	3.8	4.0	5.1	5.3	1.7	1.9
Farmers and farm managers .....	2.1	2.0	3.1	3.1	.4	.4
Farm laborers and supervisors .....	1.7	2.0	2.0	2.2	1.3	1.5
<b>Negro and other races</b>						
Total employed (thousands) .....	9,627	9,395	5,371	5,192	4,256	4,203
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers .....	32.3	34.5	24.2	26.3	42.5	44.6
Professional and technical .....	10.3	11.8	9.7	10.2	10.9	13.8
Managers and administrators, except farm .....	4.3	4.3	5.5	5.9	2.8	2.4
Sales workers .....	2.6	2.6	2.1	2.4	3.1	2.9
Clerical workers .....	15.2	15.7	6.8	7.8	25.7	25.5
Blue-collar workers .....	40.2	37.5	56.2	53.4	19.9	17.7
Craft and kindred workers .....	9.3	8.7	15.7	14.8	1.2	1.3
Operatives, except transport .....	16.8	14.9	16.5	14.8	17.1	15.0
Transport equipment operatives .....	4.8	5.2	8.5	9.2	.3	.4
Nonfarm laborers .....	9.3	8.6	15.6	14.7	1.3	1.0
Service workers .....	24.2	25.1	15.1	16.5	35.7	35.7
Private household workers .....	4.7	4.5	.2	.2	10.5	9.9
Other service workers .....	19.5	20.6	14.9	16.4	25.2	25.9
Farm workers .....	3.3	2.9	4.5	3.7	1.9	2.0
Farmers and farm managers .....	.7	.8	1.2	1.3	(1)	(1)
Farm laborers and supervisors .....	2.7	2.2	3.3	2.4	1.9	1.9

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

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

[In thousands]

Age and sex	August 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					
<b>Total, 16 years and over</b> .....	76,554	1,375	14,165	61,014	5,686	486	1,602	1,769	515
16 to 19 years .....	7,583	390	864	6,329	109	65	464	54	163
16 to 17 years .....	3,142	324	409	2,409	43	41	280	32	99
18 to 19 years .....	4,441	65	455	3,921	66	24	183	22	63
20 to 24 years .....	11,612	111	1,666	9,834	254	20	294	73	48
25 to 34 years .....	18,746	109	3,653	14,983	1,172	79	266	250	53
35 to 44 years .....	13,796	125	2,894	10,776	1,253	113	184	316	83
45 to 54 years .....	13,989	237	3,009	10,744	1,359	115	185	420	96
55 to 64 years .....	8,948	249	1,781	6,918	1,054	75	131	410	52
55 to 59 years .....	5,552	141	1,122	4,290	597	49	70	212	35
60 to 64 years .....	3,396	108	659	2,628	457	26	61	199	18
65 years and over .....	1,880	153	297	1,429	485	18	79	246	20
<b>Males, 16 years and over</b> .....	45,474	198	7,660	37,617	4,269	65	1,274	1,635	197
16 to 19 years .....	4,034	88	438	3,508	64	40	355	47	126
16 to 17 years .....	1,691	75	218	1,398	28	24	213	27	76
18 to 19 years .....	2,343	14	220	2,110	36	16	141	20	50
20 to 24 years .....	6,290	24	804	5,462	159	12	242	71	33
25 to 34 years .....	11,742	13	1,973	9,757	878	3	213	227	12
35 to 44 years .....	8,458	15	1,542	6,901	968	--	138	281	10
45 to 54 years .....	8,396	11	1,696	6,689	1,052	--	150	392	5
55 to 64 years .....	5,425	23	1,025	4,378	783	6	110	388	4
55 to 59 years .....	3,331	10	657	2,665	446	2	58	199	1
60 to 64 years .....	2,094	13	368	1,713	337	4	51	189	2
65 years and over .....	1,129	25	182	922	366	6	66	230	8
<b>Females, 16 years and over</b> .....	31,079	1,177	6,505	23,398	1,417	420	328	134	318
16 to 19 years .....	3,549	301	426	2,821	45	25	109	7	37
16 to 17 years .....	1,451	250	191	1,011	15	17	67	4	24
18 to 19 years .....	2,098	52	235	1,811	30	8	42	3	13
20 to 24 years .....	5,322	87	862	4,372	95	9	51	2	14
25 to 34 years .....	7,004	97	1,680	5,226	294	76	53	23	41
35 to 44 years .....	5,338	110	1,352	3,875	285	113	46	36	73
45 to 54 years .....	5,594	225	1,313	4,055	307	115	35	28	91
55 to 64 years .....	3,522	227	756	2,540	271	69	21	23	49
55 to 59 years .....	2,221	131	465	1,625	151	47	11	13	33
60 to 64 years .....	1,301	96	290	915	120	22	10	10	15
65 years and over .....	751	129	115	507	119	12	13	16	13

**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>	
	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975	Aug. 1974	Aug. 1975
Total .....	10,790	10,989	10,589	10,787	6,111	6,315	3,845	3,796
Vacation .....	8,387	8,753	8,279	8,640	5,452	5,667	2,410	2,564
Illness .....	1,323	1,272	1,279	1,235	499	498	696	640
Bad weather .....	16	20	7	12	--	--	--	--
Industrial dispute .....	230	96	230	96	--	--	--	--
All other reasons .....	832	847	794	804	160	151	739	592
<b>Males</b> .....	<b>5,556</b>	<b>5,544</b>	<b>5,380</b>	<b>5,368</b>	<b>3,604</b>	<b>3,653</b>	<b>1,414</b>	<b>1,342</b>
Vacation .....	4,218	4,255	4,122	4,156	3,167	3,223	720	714
Illness .....	792	787	749	753	329	338	368	358
All other reasons <sup>3</sup> .....	546	502	509	459	108	92	326	269
<b>Females</b> .....	<b>5,234</b>	<b>5,445</b>	<b>5,209</b>	<b>5,419</b>	<b>2,507</b>	<b>2,661</b>	<b>2,432</b>	<b>2,455</b>
Vacation .....	4,169	4,498	4,157	4,484	2,285	2,442	1,690	1,851
Illness .....	531	485	530	482	170	160	329	281
All other reasons <sup>3</sup> .....	534	462	522	453	52	59	413	323

<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	August 1975					
	Thousands of persons			Percent distribution		
	All industries	Nonegri-cultural industries	Agri-culture	All industries	Nonegri-cultural industries	Agri-culture
Total at work .....	75,623	71,939	3,684	100.0	100.0	100.0
<b>1-34 hours</b> .....	<b>16,696</b>	<b>15,749</b>	<b>947</b>	<b>22.1</b>	<b>21.9</b>	<b>25.7</b>
1-4 hours .....	673	635	38	.9	.9	1.0
5-14 hours .....	3,000	2,789	212	4.0	3.9	5.8
15-29 hours .....	8,087	7,601	485	10.7	10.6	13.2
30-34 hours .....	4,936	4,724	212	6.5	6.6	5.8
<b>35 hours and over</b> .....	<b>58,926</b>	<b>56,191</b>	<b>2,737</b>	<b>77.9</b>	<b>78.1</b>	<b>74.3</b>
35-39 hours .....	5,399	5,209	190	7.1	7.2	5.2
40 hours .....	33,388	32,863	525	44.2	45.7	14.3
41 hours and over .....	20,139	18,119	2,022	26.6	25.2	54.9
41 to 48 hours .....	7,833	7,537	296	10.4	10.5	8.0
49 to 59 hours .....	6,438	6,003	436	8.5	8.3	11.8
60 hours and over .....	5,868	4,579	1,290	7.8	6.4	35.0
Average hours, total at work .....	39.5	39.0	.0	--	--	--
Average hours, workers on full-time schedules .....	43.3	42.7	56.1	--	--	--

**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	August 1975					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	16,696	5,969	10,727	15,749	5,664	10,085
Economic reasons	4,222	1,695	2,527	3,895	1,535	2,360
Slack work	1,866	1,210	656	1,650	1,061	589
Material shortages or repairs to plant and equipment	78	78	--	75	75	--
New job started during week	247	247	--	242	242	--
Job terminated during week	159	159	--	156	156	--
Could find only part-time work	1,871	--	1,871	1,772	--	1,772
Other reasons	12,474	4,274	8,200	11,854	4,129	7,725
Does not want, or unavailable for, full-time work	6,175	--	6,175	5,831	--	5,831
Vacation	1,530	1,530	--	1,498	1,498	--
Illness	1,280	1,043	237	1,215	1,020	195
Bad weather	219	219	--	186	186	--
Industrial dispute	49	49	--	49	49	--
Legal or religious holiday	146	146	--	146	146	--
Full time for this job	1,370	--	1,370	1,317	--	1,317
All other reasons	1,705	1,287	418	1,611	1,230	381
Average hours:						
Economic reasons	21.0	23.6	19.2	21.0	23.7	19.3
Other reasons	21.4	25.5	19.3	21.5	25.5	19.4
Worked 30 to 34 hours:						
Economic reasons	1,139	646	493	1,066	598	468
Other reasons	3,797	2,091	1,706	3,658	2,033	1,625

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

Industry	August 1975							Average hours, total at work	Average hours, workers on full-time schedules
	Percent distribution								
	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		
Total <sup>1</sup>	100.0	5.4	10.7	83.8	58.7	10.5	14.7	39.0	42.7
Wage and salary workers	100.0	5.3	10.2	84.5	60.9	10.6	12.9	38.7	42.2
Construction	100.0	8.0	3.8	88.2	64.6	10.5	13.0	39.4	41.9
Manufacturing	100.0	3.9	2.3	93.8	68.1	13.4	12.2	40.7	41.9
Durable goods	100.0	2.9	1.4	95.8	70.3	13.6	11.8	41.0	41.8
Nondurable goods	100.0	5.4	3.5	91.1	65.3	13.2	12.7	40.2	42.1
Transportation and public utilities	100.0	3.2	3.3	93.5	67.2	10.5	15.8	41.4	42.9
Wholesale and retail trade	100.0	7.2	17.9	74.9	46.7	13.0	15.3	37.8	43.3
Finance, insurance, and real estate	100.0	2.8	9.0	88.2	66.4	8.7	13.2	38.8	41.5
Service industries	100.0	6.7	17.7	75.7	57.8	7.0	10.9	36.0	41.6
Private households	100.0	22.7	49.3	28.1	17.6	3.7	6.8	22.5	45.9
All other industries	100.0	5.3	15.0	79.6	61.1	7.3	11.2	37.1	41.5
Public administration	100.0	1.6	3.6	94.8	76.7	7.7	10.4	40.2	41.3
Self-employed workers	100.0	7.0	15.0	78.0	32.0	8.7	37.3	42.7	49.8
Unpaid family workers	100.0	3.1	37.4	59.5	29.8	7.8	21.8	38.1	49.5

<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	August 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	On full-time schedules					
				Total	40 hours or less	41 hours or more			
<b>Total, 16 years and over</b> .....	71,939	3,895	7,725	60,319	42,200	18,119	39.0	42.7	
16 to 21 years .....	11,750	1,633	2,249	7,868	6,131	1,737	34.1	41.0	
16 to 19 years .....	7,252	1,258	1,824	4,170	3,287	883	31.7	40.5	
16 to 17 years .....	2,986	648	1,182	1,156	908	248	27.1	40.5	
18 to 19 years .....	4,266	609	641	3,016	2,380	636	35.0	40.5	
20 years and over .....	64,687	2,637	5,901	56,149	38,913	17,236	39.8	42.9	
20 to 24 years .....	10,915	735	931	9,249	6,808	2,441	38.7	41.8	
25 years and over .....	53,772	1,902	4,970	46,900	32,105	14,795	40.0	43.1	
25 to 44 years .....	30,086	1,038	2,203	26,845	18,056	8,789	40.7	43.2	
45 to 64 years .....	21,641	802	1,827	19,012	13,337	5,675	40.2	42.9	
65 years and over .....	2,044	63	941	1,040	711	329	29.7	43.4	
<b>Males, 16 years and over</b> .....	44,442	1,990	2,291	40,161	25,386	14,775	41.7	44.0	
16 to 21 years .....	6,325	832	959	4,534	3,230	1,304	36.0	42.1	
16 to 19 years .....	3,907	632	796	2,479	1,831	648	33.5	41.3	
16 to 17 years .....	1,617	352	554	711	524	187	29.0	41.3	
18 to 19 years .....	2,290	280	242	1,768	1,308	460	36.7	41.3	
20 years and over .....	40,534	1,358	1,495	37,681	23,555	14,126	42.5	44.2	
20 to 24 years .....	6,039	382	307	5,350	3,475	1,875	40.9	43.3	
25 years and over .....	34,495	976	1,188	32,331	20,080	12,251	42.8	44.3	
25 to 44 years .....	19,615	541	299	18,775	11,366	7,409	43.5	44.5	
45 to 64 years .....	13,567	402	341	12,824	8,223	4,601	42.8	44.0	
65 years and over .....	1,312	34	549	729	488	241	30.8	43.2	
<b>Females, 16 years and over</b> .....	27,497	1,905	5,433	20,159	16,815	3,344	34.7	40.1	
16 to 21 years .....	5,425	800	1,290	3,335	2,902	433	32.0	39.5	
16 to 19 years .....	3,345	626	1,028	1,691	1,456	235	29.7	39.4	
16 to 17 years .....	1,369	296	628	445	386	59	24.9	39.2	
18 to 19 years .....	1,976	330	399	1,247	1,072	175	33.0	39.5	
20 years and over .....	24,152	1,279	4,405	18,468	15,358	3,110	35.4	40.2	
20 to 24 years .....	4,876	353	623	3,900	3,334	566	36.0	39.8	
25 years and over .....	19,276	926	3,782	14,568	12,024	2,544	35.2	40.3	
25 to 44 years .....	10,470	496	1,904	8,070	6,690	1,380	35.3	40.0	
45 to 64 years .....	8,074	400	1,487	6,187	5,113	1,074	35.8	40.5	
65 years and over .....	732	30	392	310	222	88	27.8	43.7	
<b>COLOR</b>									
<b>White</b> .....	63,972	3,273	6,899	53,800	36,812	16,988	39.2	42.9	
Males .....	39,922	1,699	2,004	36,219	22,293	13,926	42.0	44.2	
Females .....	24,050	1,574	4,896	17,580	14,518	3,062	34.7	40.2	
<b>Negro and other races</b> .....	7,967	621	826	6,520	5,390	1,130	37.1	40.9	
Males .....	4,519	291	288	3,940	3,092	848	39.0	41.7	
Females .....	3,448	330	538	2,580	2,298	282	34.7	39.7	
<b>MARITAL STATUS</b>									
<b>Males:</b>									
Married, spouse present .....	31,931	830	919	30,182	18,351	11,831	43.1	44.4	
Widowed, divorced, or separated .....	2,855	134	190	2,531	1,657	874	41.0	44.0	
Single (never married) .....	9,655	1,027	1,182	7,446	5,376	2,070	37.3	42.3	
<b>Females:</b>									
Married, spouse present .....	14,954	763	3,236	10,955	9,190	1,765	34.6	40.0	
Widowed, divorced, or separated .....	5,073	295	788	3,990	3,195	795	36.4	40.9	
Single (never married) .....	7,471	847	1,409	5,215	4,431	784	33.8	39.8	

**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	August 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	5.4	10.7	83.8	58.7	25.2
16 to 21 years .....	100.0	13.9	19.1	67.0	52.2	14.8
16 to 19 years .....	100.0	17.3	25.2	57.5	45.3	12.2
16 to 17 years .....	100.0	21.7	39.6	38.7	30.4	8.3
18 to 19 years .....	100.0	14.3	15.0	70.7	55.8	14.9
20 years and over .....	100.0	4.1	9.1	86.8	60.2	26.6
20 to 24 years .....	100.0	6.7	8.5	84.7	62.4	22.4
25 years and over .....	100.0	3.5	9.2	87.2	59.7	27.5
25 to 44 years .....	100.0	3.5	7.3	89.2	60.0	29.2
45 to 64 years .....	100.0	3.7	8.4	87.9	61.6	26.2
65 years and over .....	100.0	3.1	46.0	50.9	34.8	16.1
<b>Males, 16 years and over</b> .....	100.0	4.5	5.2	90.4	57.1	33.2
16 to 21 years .....	100.0	13.2	15.2	71.7	51.1	20.6
16 to 19 years .....	100.0	16.2	20.4	63.5	46.9	16.6
16 to 17 years .....	100.0	21.8	34.3	44.0	32.4	11.6
18 to 19 years .....	100.0	12.2	10.6	77.2	57.1	20.1
20 years and over .....	100.0	3.4	3.7	93.0	58.1	34.8
20 to 24 years .....	100.0	6.3	5.1	88.6	57.5	31.0
25 years and over .....	100.0	2.8	3.4	93.7	58.2	35.5
25 to 44 years .....	100.0	2.8	1.5	95.7	57.9	37.8
45 to 64 years .....	100.0	3.0	2.5	94.5	60.6	33.9
65 years and over .....	100.0	2.6	41.8	55.6	37.2	18.4
<b>Females, 16 years and over</b> .....	100.0	6.9	19.8	73.3	61.2	12.2
16 to 21 years .....	100.0	14.7	23.8	61.5	53.5	8.0
16 to 19 years .....	100.0	18.7	30.7	50.6	43.5	7.0
16 to 17 years .....	100.0	21.6	45.9	32.5	28.2	4.3
18 to 19 years .....	100.0	16.7	20.2	63.1	54.3	8.9
20 years and over .....	100.0	5.3	18.2	76.5	63.6	12.9
20 to 24 years .....	100.0	7.2	12.8	80.0	68.4	11.6
25 years and over .....	100.0	4.8	19.6	75.6	62.4	13.2
25 to 44 years .....	100.0	4.7	18.2	77.1	63.9	13.2
45 to 64 years .....	100.0	5.0	18.4	76.6	63.3	13.3
65 years and over .....	100.0	4.1	53.6	42.3	30.3	12.0
<b>COLOR</b>						
White .....	100.0	5.1	10.8	84.1	57.5	26.6
Males .....	100.0	4.3	5.0	90.7	55.8	34.9
Females .....	100.0	6.5	20.4	73.1	60.4	12.7
Negro and other races .....	100.0	7.8	10.4	81.8	67.7	14.2
Males .....	100.0	6.4	6.4	87.2	68.4	18.8
Females .....	100.0	9.6	15.6	74.8	66.6	8.2
<b>MARITAL STATUS</b>						
<b>Males:</b>						
Married, spouse present .....	100.0	4.5	3.0	92.4	56.6	35.9
Widowed, divorced, or separated .....	100.0	4.7	6.7	88.7	58.0	30.6
Single (never married) .....	100.0	16.7	21.3	61.9	46.4	15.5
<b>Females:</b>						
Married, spouse present .....	100.0	5.1	21.6	73.3	61.5	11.8
Widowed, divorced, or separated .....	100.0	5.8	15.5	78.7	63.0	15.7
Single (never married) .....	100.0	11.3	18.9	69.8	59.3	10.5

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

[Numbers in thousands]

Occupational group and sex	August 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 . . . . .	35,669	1,073	4,008	30,588	21,164	3,311	6,113	39.7	43.0
Professional and technical . . . . .	9,113	209	833	8,071	5,764	761	1,546	39.6	42.4
Managers and administrators, except farm . . . . .	8,136	96	342	7,698	3,703	1,072	2,923	46.1	47.6
Sales workers . . . . .	5,034	260	999	3,775	2,221	568	986	37.7	43.8
Clerical workers . . . . .	13,385	508	1,834	11,043	9,474	911	658	36.5	39.9
Blue-collar workers . . . . .	26,407	1,785	1,263	23,359	16,290	3,481	3,588	40.0	42.5
Craft and kindred workers . . . . .	10,273	490	308	9,475	6,452	1,402	1,621	41.0	42.7
Operatives, except transport . . . . .	8,909	602	339	7,968	5,930	1,180	858	39.7	41.6
Transport equipment operatives . . . . .	2,924	159	115	2,650	1,452	451	747	42.9	45.4
Nonfarm laborers . . . . .	4,302	534	500	3,268	2,458	448	362	36.0	41.3
Service workers . . . . .	10,352	1,097	2,537	6,718	4,953	789	976	34.3	42.5
Private household . . . . .	1,072	211	542	319	206	34	79	23.3	45.2
Other service workers . . . . .	9,280	888	1,995	6,397	4,745	755	897	35.6	42.3
<b>Males</b>									
White-collar workers . . . . .	18,626	369	857	17,400	10,006	2,279	5,115	43.6	45.3
Professional and technical . . . . .	6,060	129	298	5,633	3,738	575	1,320	42.0	43.6
Managers and administrators, except farm . . . . .	6,524	73	152	6,299	2,818	897	2,584	47.3	48.3
Sales workers . . . . .	2,994	68	237	2,688	1,356	471	861	42.4	45.2
Clerical workers . . . . .	3,048	97	170	2,781	2,095	336	350	39.9	41.8
Blue-collar workers . . . . .	22,141	1,368	940	19,833	13,362	3,035	3,436	40.6	42.9
Craft and kindred workers . . . . .	9,842	469	264	9,109	6,168	1,343	1,598	41.2	42.8
Operatives, except transport . . . . .	5,510	261	156	5,093	3,495	841	757	41.3	42.8
Transport equipment operatives . . . . .	2,816	144	76	2,596	1,419	446	731	43.4	45.4
Nonfarm laborers . . . . .	3,972	494	444	3,034	2,280	405	349	36.1	41.4
Service workers . . . . .	4,034	304	538	3,192	2,163	426	603	39.0	43.9
Private household . . . . .	26	5	9	12	8	2	2	28.8	43.8
Other service workers . . . . .	4,008	298	529	3,181	2,156	423	602	39.0	43.9
<b>Females</b>									
White-collar workers . . . . .	17,042	704	3,151	13,187	11,156	1,032	999	35.4	39.9
Professional and technical . . . . .	3,052	80	535	2,437	2,025	186	226	35.0	39.4
Managers and administrators, except farm . . . . .	1,613	22	190	1,401	886	175	340	41.3	44.5
Sales workers . . . . .	2,040	191	762	1,087	865	97	125	30.9	40.5
Clerical workers . . . . .	10,337	411	1,664	8,262	7,378	575	309	35.5	39.2
Blue-collar workers . . . . .	4,266	416	323	3,527	2,929	445	153	36.8	39.9
Craft and kindred workers . . . . .	430	22	44	364	283	59	22	37.8	41.0
Operatives, except transport . . . . .	3,398	341	183	2,874	2,435	338	101	37.2	39.7
Transport equipment operatives . . . . .	108	14	40	54	33	5	16	30.3	43.9
Nonfarm laborers . . . . .	330	39	56	235	179	43	13	34.4	39.8
Service workers . . . . .	6,318	793	1,999	3,526	2,790	363	373	31.4	41.1
Private household . . . . .	1,047	205	533	309	198	32	79	23.2	45.2
Other service workers . . . . .	5,272	588	1,466	3,218	2,592	331	295	33.0	40.7

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

(Percent distribution)

Occupational group and sex	August 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	3.0	11.2	85.7	59.3	9.3	17.1
Professional and technical . . . . .	100.0	2.3	9.1	88.7	63.3	8.4	17.0
Managers and administrators, except farm . . . . .	100.0	1.2	4.2	94.6	45.5	13.2	35.9
Sales workers . . . . .	100.0	5.2	19.8	75.0	44.1	11.3	19.6
Clerical workers . . . . .	100.0	3.8	13.7	82.5	70.8	6.8	4.9
Blue-collar workers . . . . .	100.0	6.8	4.8	88.5	61.7	13.2	13.6
Craft and kindred workers . . . . .	100.0	4.8	3.0	92.2	62.8	13.6	15.8
Operatives, except transport . . . . .	100.0	6.8	3.8	89.4	66.6	13.2	9.6
Transport equipment operatives . . . . .	100.0	5.4	3.9	90.6	49.7	15.4	25.5
Nonfarm laborers . . . . .	100.0	12.4	11.6	75.9	57.1	10.4	8.4
Service workers . . . . .	100.0	10.6	24.5	64.8	47.8	7.6	9.4
Private household . . . . .	100.0	19.7	50.6	29.8	19.2	3.2	7.4
Other service workers . . . . .	100.0	9.6	21.5	68.9	51.1	8.1	9.7
<b>Males</b>							
White-collar workers . . . . .	100.0	2.0	4.6	93.4	53.7	12.2	27.5
Professional and technical . . . . .	100.0	2.1	4.9	93.0	61.7	9.5	21.8
Managers and administrators, except farm . . . . .	100.0	1.1	2.3	96.5	43.2	13.7	39.6
Sales workers . . . . .	100.0	2.3	7.9	89.8	45.3	15.7	28.8
Clerical workers . . . . .	100.0	3.2	5.6	91.2	68.7	11.0	11.5
Blue-collar workers . . . . .	100.0	6.2	4.2	89.5	60.3	13.7	15.5
Craft and kindred workers . . . . .	100.0	4.8	2.7	92.5	62.7	13.6	16.2
Operatives, except transport . . . . .	100.0	4.7	2.8	92.4	63.4	15.3	13.7
Transport equipment operatives . . . . .	100.0	5.1	2.7	92.2	50.4	15.8	26.0
Nonfarm laborers . . . . .	100.0	12.4	11.2	76.4	57.4	10.2	8.8
Service workers . . . . .	100.0	7.5	13.3	79.1	53.6	10.6	14.9
Private household . . . . .	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers . . . . .	100.0	7.4	13.2	79.4	53.8	10.6	15.0
<b>Females</b>							
White-collar workers . . . . .	100.0	4.1	18.5	77.5	65.5	6.1	5.9
Professional and technical . . . . .	100.0	2.6	17.5	79.8	66.3	6.1	7.4
Managers and administrators, except farm . . . . .	100.0	1.4	11.8	86.8	54.9	10.8	21.1
Sales workers . . . . .	100.0	9.4	37.4	53.3	42.4	4.8	6.1
Clerical workers . . . . .	100.0	4.0	16.1	80.0	71.4	5.6	3.0
Blue-collar workers . . . . .	100.0	9.8	7.6	82.7	68.7	10.4	3.6
Craft and kindred workers . . . . .	100.0	5.1	10.2	84.6	65.8	13.7	5.1
Operatives, except transport . . . . .	100.0	10.0	5.4	84.6	71.7	9.9	3.0
Transport equipment operatives . . . . .	100.0	13.0	37.0	50.0	30.6	4.6	14.8
Nonfarm laborers . . . . .	100.0	11.8	17.0	71.1	54.2	13.0	3.9
Service workers . . . . .	100.0	12.6	31.6	55.8	44.2	5.7	5.9
Private household . . . . .	100.0	19.6	50.9	29.5	18.9	3.1	7.5
Other service workers . . . . .	100.0	11.2	27.8	61.1	49.2	6.3	5.6

<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	August 1975								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population .....	8,452	4,300	4,152	7,150	3,648	3,502	1,302	652	650
Civilian labor force .....	2,164	1,245	919	1,924	1,109	816	240	136	104
Employed .....	1,936	1,106	830	1,739	992	748	197	114	83
Agriculture .....	370	291	78	327	259	68	42	32	10
Nonagricultural industries .....	1,567	815	752	1,412	732	680	155	83	72
Unemployed .....	228	139	89	185	117	68	43	22	21
Unemployment rate .....	10.5	11.2	9.7	9.6	10.6	8.3	17.9	16.2	20.2
Not in labor force .....	6,288	3,055	3,233	5,226	2,540	2,686	1,062	516	547
Keeping house .....	381	39	342	317	29	288	64	10	54
Going to school .....	324	157	168	267	131	136	57	26	32
Unable to work .....	10	4	6	10	4	6	--	--	--
All other reasons .....	5,573	2,856	2,717	4,632	2,376	2,256	941	480	461

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

Characteristics	August 1975					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>CLASS OF WORKER</b>						
Total .....	1,936	1,106	830	100.0	100.0	100.0
Nonagricultural industries .....	1,566	815	752	80.9	73.6	90.6
Wage and salary workers .....	1,440	719	721	74.4	65.0	86.7
Private household workers .....	600	183	418	31.0	16.5	50.3
Government workers .....	157	87	70	8.1	7.9	8.4
Other wage and salary workers .....	683	449	234	35.3	40.6	28.2
Self-employed workers .....	97	72	25	5.0	6.5	3.0
Unpaid family workers .....	30	24	6	1.5	2.2	.7
Agriculture .....	370	292	78	19.1	26.4	9.4
Wage and salary workers .....	233	178	55	12.0	16.1	6.6
Self-employed workers .....	40	39	1	2.1	3.5	.1
Unpaid family workers .....	97	75	22	5.0	6.8	2.6
<b>OCCUPATION</b>						
Total .....	1,936	1,106	830	100.0	100.0	100.0
White-collar workers .....	324	214	110	16.7	19.4	13.4
Professional and technical .....	20	9	11	1.0	.8	1.3
Managers and administrators, except farm .....	2	2	--	.1	.2	--
Sales workers .....	236	189	47	12.2	17.1	5.7
Clerical workers .....	66	14	53	3.4	1.3	6.4
Blue-collar workers .....	505	437	68	26.1	39.6	8.1
Craft and kindred workers .....	44	39	5	2.3	3.5	.6
Operatives, except transport .....	47	28	19	2.4	2.5	2.3
Transport equipment operatives .....	10	6	4	.5	.5	.5
Nonfarm laborers .....	404	364	39	20.9	33.0	4.7
Service workers .....	790	210	580	40.8	18.9	69.9
Private household workers .....	437	22	414	22.6	2.0	49.9
Other service workers .....	353	187	166	18.2	16.9	20.0
Farm workers .....	317	245	72	16.4	22.1	8.7
Farmers and farm managers .....	4	3	1	.2	.3	.1
Farm laborers and supervisors .....	313	241	71	16.2	21.8	8.6

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(Numbers in thousands)

Employment status	1974					1975							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Total noninstitutional population<sup>1</sup></b> .....	151,135	151,367	151,593	151,812	152,020	152,230	152,445	152,646	152,840	153,051	153,278	153,585	153,824
<b>Total labor force</b> .....	93,419	93,922	94,057	93,921	94,015	94,284	93,709	94,027	94,457	95,121	94,518	95,102	95,331
Percent of total population.....	61.8	62.0	62.0	61.9	61.8	61.9	61.5	61.6	61.8	62.1	61.7	61.9	62.0
<b>Civilian noninstitutional population<sup>1</sup></b> .....	148,916	149,150	149,380	149,600	149,809	150,037	150,246	150,447	150,645	150,870	151,100	151,399	151,639
<b>Civilian labor force</b> .....	91,199	91,705	91,844	91,708	91,803	92,091	91,511	91,829	92,262	92,940	92,340	92,916	93,146
Percent of civilian population.....	61.2	61.5	61.5	61.3	61.3	61.4	60.9	61.0	61.2	61.1	61.1	61.4	61.4
<b>Employed</b> .....	86,274	86,402	86,304	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078	85,352
Percent of civilian population.....	57.9	57.9	57.8	57.3	56.9	56.4	55.9	55.7	55.8	55.9	55.9	56.2	56.2
Agriculture.....	3,451	3,489	3,440	3,375	3,339	3,383	3,326	3,265	3,238	3,512	3,304	3,450	3,468
Nonagricultural industries.....	82,823	82,913	82,864	82,314	81,863	81,179	80,701	80,584	80,848	80,890	81,140	81,628	81,884
<b>Unemployed</b> .....	4,925	5,303	5,540	6,019	6,601	7,529	7,484	7,980	8,176	8,538	7,896	7,838	7,794
Unemployment rate.....	5.4	5.8	6.0	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4	8.4
<b>Not in labor force</b> .....	57,717	57,445	57,536	57,892	58,006	57,946	58,735	58,618	58,383	57,930	58,760	58,483	58,493
<b>Males, 20 years and over</b>													
<b>Total noninstitutional population<sup>1</sup></b> .....	64,064	64,181	64,279	64,374	64,462	64,552	64,644	64,730	64,812	64,901	65,000	65,128	65,234
<b>Total labor force</b> .....	52,208	52,311	52,554	52,509	52,414	52,244	52,150	52,136	52,414	52,788	52,439	52,795	52,794
Percent of total population.....	81.5	81.5	81.8	81.6	81.3	80.9	80.5	80.5	80.9	81.3	80.7	81.1	80.9
<b>Civilian noninstitutional population<sup>1</sup></b> .....	62,273	62,405	62,506	62,601	62,690	62,824	62,911	62,997	63,080	63,180	63,282	63,403	63,498
<b>Civilian labor force</b> .....	50,416	50,535	50,781	50,737	50,642	50,515	50,417	50,403	50,683	51,067	50,721	51,070	51,058
Percent of civilian population.....	81.0	81.0	81.2	81.0	80.8	80.4	80.1	80.0	80.3	80.8	80.2	80.5	80.4
<b>Employed</b> .....	48,515	48,583	48,584	48,379	47,961	47,490	47,288	46,990	47,123	47,333	47,166	47,499	47,682
Agriculture.....	2,516	2,500	2,477	2,429	2,451	2,422	2,475	2,421	2,399	2,457	2,394	2,435	2,463
Nonagricultural industries.....	45,999	46,083	46,107	45,950	45,510	45,068	44,813	44,569	44,724	44,876	44,772	45,064	45,219
<b>Unemployed</b> .....	1,901	1,952	2,197	2,358	2,681	3,025	3,129	3,413	3,560	3,734	3,555	3,571	3,376
Unemployment rate.....	3.8	3.9	4.3	4.6	5.3	6.0	6.2	6.8	7.0	7.3	7.0	7.0	6.6
<b>Not in labor force</b> .....	11,857	11,870	11,725	11,864	12,048	12,309	12,494	12,594	12,397	12,113	12,561	12,333	12,440
<b>Females, 20 years and over</b>													
<b>Civilian noninstitutional population<sup>1</sup></b> .....	70,549	70,638	70,749	70,858	70,961	71,061	71,167	71,266	71,358	71,463	71,574	71,729	71,839
<b>Civilian labor force</b> .....	32,152	32,129	32,039	32,059	32,305	32,556	32,326	32,637	32,845	32,835	33,023	33,173	33,239
Percent of population.....	45.6	45.5	45.3	45.2	45.5	45.8	45.4	45.8	46.0	45.9	46.1	46.2	46.3
<b>Employed</b> .....	30,452	30,290	30,327	29,945	29,992	29,932	29,719	29,877	30,007	29,998	30,332	30,563	30,690
Agriculture.....	497	489	494	464	454	524	474	443	453	537	480	529	548
Nonagricultural industries.....	29,955	29,801	29,743	29,481	29,538	29,408	29,245	29,434	29,554	29,461	29,852	30,034	30,142
<b>Unemployed</b> .....	1,700	1,839	1,802	2,114	2,313	2,624	2,607	2,760	2,838	2,837	2,691	2,610	2,549
Unemployment rate.....	5.3	5.7	5.6	6.6	7.2	8.1	8.1	8.5	8.6	8.6	8.1	7.9	7.7
<b>Not in labor force</b> .....	38,397	38,509	38,710	38,799	38,656	38,505	38,841	38,629	38,513	38,628	38,551	38,556	38,600
<b>Both sexes, 16-19 years</b>													
<b>Civilian noninstitutional population<sup>1</sup></b> .....	16,094	16,107	16,124	16,141	16,157	16,152	16,168	16,184	16,207	16,226	16,244	16,267	16,302
<b>Civilian labor force</b> .....	8,631	9,041	9,024	8,912	8,856	9,020	8,768	8,789	8,734	9,038	8,596	8,673	8,849
Percent of population.....	53.6	56.1	56.0	55.2	54.8	55.8	54.2	54.3	53.9	55.7	52.9	53.3	54.3
<b>Employed</b> .....	7,307	7,529	7,483	7,365	7,249	7,140	7,020	6,982	6,956	7,071	6,946	7,016	6,980
Agriculture.....	438	500	469	482	434	437	377	401	386	518	430	486	457
Nonagricultural industries.....	6,869	7,029	7,014	6,883	6,815	6,703	6,643	6,581	6,570	6,553	6,516	6,530	6,523
<b>Unemployed</b> .....	1,324	1,512	1,541	1,547	1,607	1,880	1,748	1,807	1,778	1,967	1,650	1,657	1,869
Unemployment rate.....	15.3	16.7	17.1	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1	21.1
<b>Not in labor force</b> .....	7,463	7,066	7,100	7,229	7,301	7,132	7,400	7,395	7,473	7,188	7,648	7,594	7,453

<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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>FULL TIME</b>													
<b>Total, 16 years and over:</b>													
<b>Civilian labor force</b> .....	77,796	78,477	78,860	78,569	78,626	78,839	78,429	78,583	78,995	79,730	78,385	78,719	75,456
Employed.....	74,034	74,350	74,323	73,725	73,314	72,750	72,315	72,069	72,171	72,706	71,970	72,329	69,248
Unemployed.....	3,762	4,127	4,537	4,844	5,312	6,089	6,114	6,514	6,824	7,024	6,415	6,390	6,208
Unemployment rate.....	4.8	5.3	5.8	6.2	6.8	7.7	7.8	8.3	8.6	8.8	8.2	8.1	8.2
<b>PART TIME</b>													
<b>Total, 16 years and over:</b>													
<b>Civilian labor force</b> .....	13,178	13,438	13,188	13,210	13,226	13,335	13,021	13,230	13,380	13,303	13,932	14,292	14,095
Employed.....	12,056	12,264	12,040	11,989	11,950	11,935	11,685	11,782	11,985	11,821	12,499	12,861	12,582
Unemployed.....	1,122	1,174	1,148	1,221	1,276	1,400	1,336	1,448	1,395	1,482	1,433	1,431	1,513
Unemployment rate.....	8.5	8.7	8.7	9.2	9.6	10.5	10.3	10.9	10.4	11.1	10.3	10.0	10.7

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>WHITE</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	80,796	81,337	81,439	81,355	81,338	81,706	81,071	81,546	81,825	82,428	81,908	82,436	82,476
Employed	76,850	77,017	76,997	76,538	76,106	75,555	75,043	75,039	75,193	75,387	75,451	75,925	76,182
Unemployed	3,946	4,320	4,442	4,817	5,232	6,151	6,028	6,507	6,632	7,041	6,457	6,511	6,294
Unemployment rate	4.9	5.3	5.5	5.9	6.4	7.5	7.4	8.0	8.1	8.5	7.9	7.9	7.6
<b>Males, 20 years and over:</b>													
Civilian labor force	45,265	45,421	45,651	45,535	45,408	45,279	45,191	45,325	45,519	45,810	45,604	45,814	45,775
Employed	43,686	43,797	43,844	43,615	43,255	42,792	42,668	42,508	42,607	42,685	42,664	42,812	42,978
Unemployed	1,579	1,624	1,807	1,920	2,153	2,487	2,523	2,817	2,912	3,125	2,940	3,002	2,797
Unemployment rate	3.5	3.6	4.0	4.2	4.7	5.5	5.6	6.2	6.4	6.8	6.4	6.6	6.1
<b>Females, 20 years and over:</b>													
Civilian labor force	27,867	27,825	27,762	27,856	27,997	28,313	28,113	28,358	28,530	28,574	28,639	28,813	28,810
Employed	26,521	26,347	26,317	26,165	26,180	26,143	25,970	26,095	26,197	26,228	26,468	26,676	26,822
Unemployed	1,346	1,478	1,445	1,691	1,817	2,170	2,143	2,263	2,333	2,346	2,171	2,137	1,988
Unemployment rate	4.8	5.3	5.2	6.1	6.5	7.7	7.6	8.0	8.2	8.2	7.6	7.4	6.9
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	7,664	8,091	8,026	7,964	7,933	8,114	7,767	7,863	7,776	8,044	7,665	7,809	7,891
Employed	6,643	6,873	6,836	6,758	6,671	6,620	6,405	6,436	6,389	6,474	6,319	6,437	6,382
Unemployed	1,021	1,218	1,190	1,206	1,262	1,494	1,362	1,427	1,387	1,570	1,346	1,372	1,509
Unemployment rate	13.3	15.1	14.8	15.1	15.9	18.4	17.5	18.1	17.8	19.5	17.6	17.6	19.1
<b>NEGRO AND OTHER RACES</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	10,313	10,457	10,461	10,394	10,389	10,464	10,387	10,364	10,401	10,494	10,469	10,468	10,623
Employed	9,347	9,423	9,316	9,188	9,090	9,057	8,989	8,893	8,886	8,953	9,034	9,103	9,134
Unemployed	966	1,034	1,145	1,206	1,299	1,407	1,398	1,471	1,515	1,541	1,435	1,365	1,489
Unemployment rate	9.4	9.9	10.9	11.6	12.5	13.4	13.5	14.2	14.6	14.7	13.7	13.0	14.0
<b>Males, 20 years and over:</b>													
Civilian labor force	5,149	5,152	5,163	5,199	5,193	5,224	5,175	5,134	5,162	5,195	5,180	5,257	5,293
Employed	4,821	4,801	4,771	4,758	4,712	4,677	4,598	4,528	4,512	4,574	4,566	4,659	4,704
Unemployed	328	351	392	441	481	547	577	606	650	621	614	598	589
Unemployment rate	6.4	6.8	7.6	8.5	9.3	10.5	11.1	11.8	12.6	12.0	11.9	11.4	11.1
<b>Females, 20 years and over:</b>													
Civilian labor force	4,247	4,304	4,298	4,251	4,256	4,291	4,236	4,311	4,276	4,314	4,345	4,313	4,403
Employed	3,900	3,948	3,890	3,834	3,792	3,821	3,773	3,828	3,798	3,787	3,837	3,847	3,850
Unemployed	347	356	408	417	464	470	463	483	478	527	508	466	553
Unemployment rate	8.2	8.3	9.5	9.8	10.9	11.0	10.9	11.2	11.2	12.2	11.7	10.8	12.6
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	917	1,001	1,000	944	940	949	976	919	963	985	944	898	927
Employed	626	674	655	596	586	559	618	537	576	592	631	597	580
Unemployed	291	327	345	348	354	390	358	382	387	393	313	301	347
Unemployment rate	31.7	32.7	34.5	36.9	37.7	41.1	36.7	41.6	40.2	39.9	33.2	33.5	37.4

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

[Unemployment rates]

Selected categories	1974					1975							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total (all civilian workers)	5.4	5.8	6.0	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4	8.4
Males, 20 years and over	3.8	3.9	4.3	4.6	5.3	6.0	6.2	6.8	7.0	7.3	7.0	7.0	6.6
Females, 20 years and over	5.3	5.7	5.6	6.6	7.2	8.1	8.1	8.5	8.6	8.6	8.1	7.9	7.7
Both sexes, 16-19 years	15.3	16.7	17.1	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1	21.1
White	4.9	5.3	5.5	5.9	6.4	7.5	7.4	8.0	8.1	8.5	7.9	7.9	7.6
Negro and other races	9.4	9.9	10.9	11.6	12.5	13.4	13.5	14.2	14.6	14.7	13.7	13.0	14.0
Household heads	3.2	3.4	3.7	3.9	4.6	5.2	5.4	5.8	6.0	6.3	6.1	6.0	5.5
Married men	2.7	2.8	3.0	3.3	3.8	4.5	4.7	5.2	5.6	5.8	5.7	5.4	5.0
Full-time workers	4.8	5.3	5.8	6.2	6.8	7.7	7.8	8.3	8.6	8.8	8.2	8.1	8.2
Part-time workers	8.5	8.7	8.7	9.2	9.6	10.5	10.3	10.9	10.4	11.1	10.3	10.0	10.7
Unemployed 15 weeks and over <sup>1</sup>	1.0	1.1	1.1	1.2	1.4	1.7	2.0	2.2	2.6	2.8	3.1	3.2	3.1
State insured <sup>2</sup>	3.3	3.5	3.6	4.3	4.8	5.5	5.9	6.4	6.8	7.0	6.9r	6.2	5.9
Labor force time lost <sup>3</sup>	5.8	6.4	6.6	7.2	7.9	8.9	8.9	9.6	9.7	9.9	8.9	8.8	8.6
<b>OCCUPATION</b>													
White-collar workers	3.2	3.5	3.3	3.8	4.1	4.6	4.5	4.6	4.7	5.4	4.8	4.8	4.6
Professional and technical	2.2	2.5	2.3	2.6	2.5	2.9	3.2	2.9	3.4	3.6	3.2	3.6	2.9
Managers and administrators, except farm	1.9	2.1	1.8	2.2	2.6	3.3	2.7	2.7	3.3	3.5	3.0	2.9	3.0
Sales workers	3.7	4.1	4.5	5.0	6.0	5.7	5.3	6.0	5.8	5.9	6.0	4.9	5.9
Clerical workers	4.4	4.9	4.5	5.1	5.4	6.3	6.2	6.6	6.2	7.8	6.7	6.8	6.4
Blue-collar workers	6.6	7.0	7.4	8.3	9.3	11.0	10.9	12.5	13.0	13.0	12.6	12.1	11.5
Craft and kindred workers	4.3	4.8	5.0	5.3	6.1	7.0	6.5	8.7	9.0	9.3	9.4	9.6	8.2
Operatives	7.1	7.6	8.1	9.8	10.7	13.1	13.3	14.1	14.9	14.4	14.0	12.9	12.7
Nonfarm laborers	10.5	10.3	10.8	11.0	13.0	14.3	14.1	16.2	17.2	17.7	16.0	15.9	16.2
Service workers	6.3	6.4	6.6	6.8	7.1	8.1	7.7	8.5	8.2	8.7	8.5	8.3	9.3
Farm workers	2.7	2.6	2.6	2.5	2.4	3.6	3.0	4.5	4.0	3.7	3.3	2.6	3.8
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>4</sup>	5.6	6.0	6.2	6.8	7.7	8.7	8.8	9.3	9.8	10.1	9.6	9.2	9.1
Construction	11.3	12.0	12.0	13.5	14.9	15.0	15.9	18.1	19.3	21.8	21.0	20.8	19.9
Manufacturing	5.5	6.0	6.4	7.4	8.9	10.5	11.0	11.4	12.2	12.3	12.0	11.1	10.5
Durable goods	4.9	5.3	6.1	7.0	8.7	10.5	10.9	11.3	12.8	12.7	12.9	11.5	11.3
Nondurable goods	6.4	6.9	6.9	7.9	9.1	10.3	11.1	11.6	11.4	11.6	10.7	10.4	9.5
Transportation and public utilities	3.5	3.3	3.4	3.4	3.9	5.9	5.2	5.6	6.6	6.7	5.8	5.6	5.7
Wholesale and retail trade	6.2	6.6	6.8	7.0	8.1	8.5	8.0	8.7	9.1	8.9	8.3	8.3	8.9
Finance and service industries	4.5	4.8	4.8	5.4	5.4	6.2	6.5	6.7	6.6	7.2	6.6	6.3	6.1
Government workers	2.9	3.0	3.0	3.5	3.2	3.4	3.6	3.9	3.8	4.9	3.9	4.3	4.0
Agricultural wage and salary workers	7.0	6.7	7.9	7.2	7.9	10.2	8.8	12.0	12.6	9.4	10.5	8.4	10.5

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

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

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

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

r = revised.

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

[Numbers in thousands]

Weeks of unemployment	1974					1975							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Less than 5 weeks	2,506	2,654	2,765	2,981	3,077	3,316	2,914	3,253	2,897	3,134	2,692	2,823	2,676
5 to 14 weeks	1,449	1,701	1,754	1,931	2,062	2,663	2,597	2,619	2,695	2,620	2,498	2,120	2,361
15 weeks and over	940	989	1,016	1,117	1,319	1,537	1,822	1,991	2,403	2,643	2,887	2,998	2,842
15 to 26 weeks	560	603	640	691	782	914	1,118	1,259	1,452	1,568	1,561	1,604	1,383
27 weeks and over	380	386	376	426	537	623	704	732	951	1,075	1,326	1,394	1,459
Average (mean) duration, in weeks	9.9	9.7	9.8	9.8	10.0	10.7	11.7	11.4	12.9	13.4	15.4	15.4	15.7
<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	51.2	49.7	50.0	49.4	47.6	44.1	39.7	41.4	36.2	37.3	33.3	35.5	34.0
5 to 14 weeks	29.6	31.8	31.7	32.0	31.9	35.4	35.4	33.3	33.7	31.2	30.9	26.7	30.0
15 weeks and over	19.2	18.5	18.4	18.5	20.4	20.4	24.8	25.3	30.1	31.5	35.7	37.8	36.1
15 to 26 weeks	11.4	11.3	11.6	11.5	12.1	12.2	15.2	16.0	18.2	18.7	16.4	20.2	17.6
27 weeks and over	7.8	7.2	6.8	7.1	8.3	8.3	9.6	9.3	11.9	12.8	16.4	17.6	18.5

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

Sex and age	1974					1975							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Total, 16 years and over</b> .....	5.4	5.8	6.0	6.6	7.2	8.2	8.2	8.7	8.9	9.2	8.6	8.4	8.4
16 to 19 years .....	15.3	16.7	17.1	17.4	18.1	20.8	19.9	20.6	20.4	21.8	19.2	19.1	21.1
16 to 17 years .....	17.3	18.5	18.8	19.5	21.2	22.6	21.6	22.3	21.5	22.8	20.3	19.9	23.1
18 to 19 years .....	13.9	16.0	15.7	15.8	16.0	19.6	18.2	19.5	19.7	21.2	18.2	18.4	19.5
20 to 24 years .....	9.4	9.4	9.4	10.5	11.7	12.4	13.3	14.3	14.6	14.8	12.8	13.6	13.1
25 years and over .....	3.4	3.7	4.0	4.4	4.9	5.7	5.7	6.1	6.3	6.4	6.6	6.2	5.8
25 to 54 years .....	3.5	3.8	4.2	4.7	5.1	6.1	6.0	6.4	6.7	6.9	7.0	6.6	6.2
55 years and over .....	3.1	3.0	3.1	3.2	3.7	4.2	4.8	4.8	5.1	4.9	4.9	4.8	4.5
<b>Males, 16 years and over</b> .....	4.8	5.0	5.4	5.7	6.4	7.2	7.4	7.9	8.3	8.5	8.1	8.1	7.9
16 to 19 years .....	15.4	16.9	16.5	17.1	17.4	19.8	20.0	20.2	21.7	21.2	20.6	19.9	21.7
16 to 17 years .....	18.8	18.4	17.9	19.7	21.1	22.3	22.0	20.8	22.8	22.7	21.5	21.0	23.5
18 to 19 years .....	12.4	16.6	15.2	15.1	14.9	18.2	17.9	20.0	21.3	19.9	19.4	19.0	19.8
20 to 24 years .....	9.2	9.1	9.4	10.4	11.2	12.6	13.3	14.8	15.8	15.6	14.0	14.8	14.2
25 years and over .....	2.9	3.0	3.4	3.7	4.3	4.8	5.0	5.4	5.6	5.8	5.9	5.7	5.3
25 to 54 years .....	2.8	3.1	3.6	3.9	4.4	5.1	5.1	5.5	5.9	6.2	6.3	6.0	5.6
55 years and over .....	3.0	2.8	2.7	2.8	3.4	3.9	4.4	4.7	4.9	4.8	4.7	4.6	4.3
<b>Females, 16 years and over</b> .....	6.4	6.9	7.0	7.8	8.5	9.7	9.4	9.8	9.7	10.2	9.2	9.0	9.1
16 to 19 years .....	15.3	16.5	17.8	17.6	19.0	22.1	19.9	21.0	18.7	22.4	17.6	18.2	20.5
16 to 17 years .....	15.3	18.6	20.0	19.3	21.4	23.0	21.1	24.2	19.8	22.9	18.7	18.6	22.5
18 to 19 years .....	15.6	15.3	16.2	16.6	17.3	21.1	18.5	18.8	17.8	22.6	16.8	17.8	19.3
20 to 24 years .....	9.6	9.7	9.5	10.7	12.4	12.2	13.3	13.6	13.3	13.9	11.4	12.1	11.7
25 years and over .....	4.2	4.8	4.9	5.7	5.9	7.1	6.9	7.3	7.5	7.5	7.6	7.0	6.6
25 to 54 years .....	4.5	5.1	5.2	6.1	6.3	7.6	7.4	7.8	8.1	8.0	8.1	7.5	7.1
55 years and over .....	3.2	3.5	3.7	3.9	4.4	4.9	5.5	5.0	5.4	5.1	5.2	5.1	4.9

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

[Numbers in thousands]

Reason for unemployment	1974					1975							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	1,993	2,256	2,418	2,840	3,190	3,831	4,017	4,369	4,657	4,863	4,808	4,567	4,263
Job leavers .....	772	745	834	784	788	760	730	798	806	869	779	826	777
Reentrants .....	1,463	1,592	1,450	1,670	1,762	1,924	1,686	1,854	1,916	2,114	1,846	1,771	1,879
New entrants .....	645	726	770	784	778	858	846	773	766	848	670	648	876
<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 .....	40.9	42.4	44.2	46.7	48.9	52.0	55.2	56.1	57.2	55.9	59.3	58.5	54.7
Job leavers .....	15.8	14.0	15.2	12.9	12.1	10.3	10.0	10.2	9.9	10.0	9.6	10.6	10.0
Reentrants .....	30.0	29.9	26.5	27.5	27.0	26.1	23.2	23.8	23.5	24.3	22.8	22.7	24.1
New entrants .....	13.2	13.6	14.1	12.9	11.9	11.6	11.6	9.9	9.4	9.8	8.3	8.3	11.2
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	2.2	2.5	2.6	3.1	3.5	4.2	4.4	4.8	5.0	5.2	5.2	4.9	4.6
Job leavers .....	.8	.8	.9	.9	.9	.8	.8	.9	.9	.9	.8	.9	.8
Reentrants .....	1.6	1.7	1.6	1.8	1.9	2.1	1.8	2.0	2.1	2.3	2.0	1.9	2.0
New entrants .....	.7	.8	.8	.9	.8	.9	.9	.8	.8	.9	.7	.7	.9

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**

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

[Numbers in thousands]

Sex and age	1974					1975							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
<b>Total, 16 years and over</b> .....	86,274	86,402	86,304	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078	85,352
16 to 19 years .....	7,307	7,529	7,483	7,365	7,249	7,140	7,020	6,982	6,956	7,071	6,946	7,016	6,980
16 to 17 years .....	3,026	3,168	3,149	3,066	2,988	3,067	2,917	2,911	2,870	2,871	2,844	2,887	2,841
18 to 19 years .....	4,220	4,379	4,324	4,285	4,260	4,100	4,116	4,073	4,098	4,241	4,113	4,155	4,101
20 to 24 years .....	11,883	11,991	12,031	11,949	11,809	11,688	11,544	11,451	11,462	11,619	11,672	11,696	11,770
25 years and over .....	67,059	66,908	66,788	66,399	66,182	65,753	65,465	65,439	65,695	65,687	65,804	66,274	66,617
25 to 54 years .....	53,366	53,243	53,172	52,882	52,628	52,200	51,940	51,978	52,090	52,146	52,399	52,713	53,163
55 years and over .....	13,688	13,663	13,631	13,471	13,555	13,567	13,569	13,510	13,554	13,536	13,438	13,560	13,447
<b>Males, 16 years and over</b> .....	52,522	52,671	52,674	52,410	51,953	51,329	51,112	50,781	50,873	51,172	50,861	51,287	51,448
16 to 19 years .....	4,007	4,088	4,090	4,031	3,992	3,839	3,824	3,791	3,750	3,839	3,695	3,788	3,766
16 to 17 years .....	1,663	1,806	1,768	1,712	1,675	1,648	1,615	1,653	1,581	1,599	1,562	1,593	1,559
18 to 19 years .....	2,303	2,312	2,322	2,315	2,308	2,194	2,223	2,141	2,168	2,260	2,147	2,219	2,173
20 to 24 years .....	6,527	6,649	6,686	6,634	6,514	6,419	6,370	6,277	6,217	6,357	6,269	6,315	6,358
25 years and over .....	41,942	41,939	41,900	41,764	41,492	41,066	40,906	40,763	40,931	40,942	40,905	41,126	41,298
25 to 54 years .....	33,243	33,197	33,154	33,090	32,805	32,497	32,350	32,324	32,350	32,460	32,485	32,592	32,795
55 years and over .....	8,698	8,715	8,746	8,646	8,667	8,603	8,603	8,499	8,529	8,488	8,405	8,542	8,487
<b>Females, 16 years and over</b> .....	33,752	33,731	33,630	33,279	33,249	33,233	32,915	33,068	33,213	33,230	33,583	33,791	33,904
16 to 19 years .....	3,300	3,411	3,393	3,334	3,257	3,301	3,196	3,191	3,206	3,232	3,251	3,228	3,214
16 to 17 years .....	1,363	1,362	1,381	1,354	1,313	1,419	1,302	1,258	1,289	1,272	1,282	1,294	1,282
18 to 19 years .....	1,917	2,067	2,002	1,970	1,952	1,906	1,893	1,932	1,930	1,981	1,966	1,936	1,928
20 to 24 years .....	5,356	5,342	5,345	5,315	5,295	5,269	5,174	5,174	5,245	5,262	5,403	5,381	5,412
25 years and over .....	25,117	24,969	24,888	24,635	24,690	24,687	24,559	24,676	24,764	24,745	24,899	25,148	25,319
25 to 54 years .....	20,123	20,046	20,018	19,792	19,823	19,703	19,590	19,654	19,740	19,686	19,914	20,121	20,368
55 years and over .....	4,990	4,948	4,885	4,825	4,888	4,964	4,966	5,011	5,025	5,048	5,033	5,018	4,960

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

[In thousands]

Selected categories	1974					1975							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Total employed .....	86,274	86,402	86,304	85,689	85,202	84,562	84,027	83,849	84,086	84,402	84,444	85,078	85,352
Household heads .....	51,057	50,914	50,957	50,737	50,427	49,933	49,672	49,613	49,796	49,924	49,903	50,241	50,524
Married men, spouse present .....	38,919	38,887	38,978	38,727	38,377	37,954	37,761	37,689	37,813	37,853	37,743	37,920	38,048
Married women, spouse present .....	19,860	19,857	19,813	19,599	19,463	19,330	19,173	19,271	19,376	19,317	19,478	19,692	19,693
<b>Occupation</b>													
White collar workers .....	41,746	41,984	41,914	41,733	41,690	42,073	41,602	41,944	42,098	42,127	42,528	42,499	42,593
Professional and technical .....	12,513	12,474	12,327	12,237	12,200	12,439	12,492	12,699	12,616	12,780	12,727	13,026	13,030
Managers and administrators, except farm .....	8,708	8,753	8,883	8,811	8,760	8,929	8,648	8,757	8,725	8,864	9,039	8,710	8,937
Sales workers .....	5,459	5,554	5,490	5,382	5,279	5,379	5,455	5,403	5,526	5,510	5,652	5,585	5,535
Clerical workers .....	15,066	15,203	15,214	15,303	15,451	15,326	15,007	15,085	15,231	14,973	15,110	15,178	15,091
Blue-collar workers .....	29,905	29,861	29,800	29,579	29,018	28,134	27,859	27,420	27,724	27,772	27,618	27,815	28,070
Craft and kindred workers .....	11,553	11,534	11,538	11,509	11,251	10,920	10,923	10,674	10,857	10,860	10,852	11,014	11,112
Operatives .....	14,022	13,920	13,779	13,654	13,395	13,059	12,799	12,598	12,855	12,733	12,586	12,662	12,867
Nonfarm laborers .....	4,330	4,407	4,483	4,416	4,372	4,155	4,137	4,148	4,012	4,179	4,180	4,139	4,091
Service workers .....	11,595	11,537	11,609	11,478	11,548	11,661	11,653	11,560	11,385	11,383	11,589	11,681	11,670
Farm workers .....	2,974	3,003	2,974	2,914	2,926	2,954	2,872	2,814	2,803	3,062	2,908	3,027	3,006
<b>Major industry and class of worker</b>													
<b>Agriculture:</b>													
Wage and salary workers .....	1,336	1,403	1,378	1,386	1,272	1,310	1,196	1,194	1,156	1,344	1,230	1,357	1,368
Self-employed workers .....	1,723	1,723	1,703	1,625	1,673	1,680	1,765	1,716	1,735	1,762	1,730	1,714	1,688
Unpaid family workers .....	373	381	374	346	356	376	345	347	358	463	381	410	400
<b>Nonagricultural industries:</b>													
Wage and salary workers .....	76,707	76,709	76,764	76,213	75,671	74,942	74,811	74,584	74,759	74,768	75,114	75,350	75,826
Private households .....	1,418	1,382	1,370	1,267	1,259	1,326	1,301	1,342	1,315	1,411	1,472	1,353	1,379
Government .....	14,030	13,979	13,997	14,039	14,231	14,351	14,404	14,387	14,512	14,440	14,558	14,744	14,785
Other .....	61,259	61,348	61,397	60,907	60,181	59,265	59,106	58,855	58,932	58,917	59,084	59,253	59,662
Self-employed workers .....	5,749	5,694	5,735	5,704	5,641	5,561	5,375	5,519	5,648	5,569	5,659	5,689	5,670
Unpaid family workers .....	412	540	482	484	498	549	498	474	469	508	401	401	460
<b>Persons at work<sup>1</sup></b>													
Nonagricultural industries .....	77,851	77,887	77,768	77,417	76,526	76,592	75,914	75,679	76,371	76,098	76,288	75,305	76,505
Full-time schedules .....	64,639	64,562	64,306	63,694	62,733	62,295	61,822	61,456	61,943	61,917	61,853	61,138	62,442
Part time for economic reasons .....	2,557	2,808	2,929	3,180	3,375	3,837	3,747	3,916	3,884	3,877	3,354	3,179	3,106
Usually work full time .....	1,180	1,269	1,377	1,575	1,847	2,037	2,047	1,887	1,883	1,764	1,530	1,486	1,369
Usually work part time .....	1,377	1,539	1,552	1,605	1,528	1,800	1,700	2,029	2,001	2,113	1,824	1,693	1,737
Part time for noneconomic reasons .....	10,655	10,517	10,533	10,543	10,418	10,460	10,345	10,307	10,544	10,304	11,081	10,988	10,957

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

HOUSEHOLD DATA

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

[Numbers in thousands]

Employment status	Aug. 1974	July 1975	Aug. 1975	Seasonally adjusted					
				Aug. 1974	Apr. 1975	May 1975	June 1975	July 1975	Aug. 1975
<b>VETERANS<sup>1</sup></b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	6,202	6,464	6,488	6,202	6,403	6,423	6,444	6,464	6,488
Civilian labor force	5,917	6,095	6,132	5,861	6,002	6,056	6,063	6,049	6,095
Employed	5,639	5,548	5,609	5,574	5,409	5,484	5,474	5,471	5,545
Unemployed	278	547	523	287	593	572	589	578	550
Unemployment rate	4.7	9.0	8.5	4.9	9.9	9.4	9.7	9.6	9.0
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,346	1,158	1,145	1,346	1,201	1,187	1,173	1,158	1,145
Civilian labor force	1,223	1,019	1,016	1,212	1,048	1,045	1,024	1,010	1,008
Employed	1,090	849	840	1,079	809	823	820	832	832
Unemployed	133	170	176	133	239	222	204	178	176
Unemployment rate	10.9	16.7	17.3	11.0	22.8	21.2	19.9	17.6	17.5
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,447	3,476	3,470	3,447	3,492	3,486	3,481	3,476	3,470
Civilian labor force	3,315	3,302	3,309	3,278	3,287	3,304	3,289	3,260	3,275
Employed	3,197	3,022	3,044	3,159	3,046	3,071	3,022	2,977	3,008
Unemployed	118	280	265	119	241	233	267	283	267
Unemployment rate	3.6	8.5	8.0	3.6	7.3	7.1	8.1	8.6	8.2
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,409	1,830	1,873	1,409	1,710	1,750	1,790	1,830	1,873
Civilian labor force	1,379	1,774	1,807	1,371	1,667	1,707	1,750	1,779	1,812
Employed	1,352	1,677	1,725	1,336	1,554	1,590	1,632	1,662	1,705
Unemployed	27	97	82	35	113	117	118	117	107
Unemployment rate	2.0	5.5	4.5	2.6	6.8	6.9	6.7	6.6	5.9
<b>NONVETERANS</b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	15,109	15,928	15,999	15,109	15,688	15,769	15,844	15,928	15,999
Civilian labor force	14,052	14,819	14,755	13,589	14,145	14,364	14,162	14,305	14,313
Employed	13,263	13,339	13,445	12,761	12,674	12,834	12,747	12,807	12,936
Unemployed	789	1,480	1,310	828	1,471	1,530	1,415	1,498	1,377
Unemployment rate	5.6	10.0	8.9	6.1	10.4	10.7	10.0	10.5	9.6
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	7,118	7,601	7,637	7,118	7,487	7,527	7,563	7,601	7,637
Civilian labor force	6,394	6,881	6,793	5,955	6,343	6,508	6,261	6,349	6,364
Employed	5,900	5,939	5,967	5,438	5,423	5,550	5,455	5,434	5,500
Unemployed	494	942	826	517	920	958	806	915	864
Unemployment rate	7.7	13.7	12.2	8.7	14.5	14.7	12.9	14.4	13.6
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	4,123	4,446	4,489	4,123	4,329	4,368	4,406	4,446	4,489
Civilian labor force	3,919	4,208	4,241	3,899	4,088	4,155	4,163	4,207	4,232
Employed	3,759	3,874	3,928	3,726	3,804	3,800	3,773	3,847	3,893
Unemployed	160	334	313	173	284	355	390	360	339
Unemployment rate	4.1	7.9	7.4	4.4	6.9	8.5	9.4	8.6	8.0
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,868	3,881	3,873	3,868	3,872	3,874	3,875	3,881	3,873
Civilian labor force	3,739	3,730	3,721	3,735	3,714	3,701	3,738	3,749	3,717
Employed	3,604	3,526	3,550	3,597	3,447	3,484	3,519	3,526	3,543
Unemployed	135	204	171	138	267	217	219	223	174
Unemployment rate	3.6	5.5	4.6	3.7	7.2	5.9	5.9	5.9	4.7

<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



**ESTABLISHMENT DATA  
HISTORICAL EMPLOYMENT**
**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	6,080	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	6,043	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	5,944	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.....	48,225	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.....	76,833	24,720	638	4,028	20,054	52,113	4,646	16,665	4,118	12,547	4,075	12,986	13,742	2,663	11,079
1974.....	78,334	24,673	672	3,985	20,016	53,661	4,699	17,011	4,259	12,751	4,161	13,506	14,285	2,724	11,560
Aug....	78,561	25,264	690	4,286	20,288	53,297	4,734	17,058	4,306	12,752	4,222	13,668	13,615	2,759	10,856
Sept....	79,097	25,229	688	4,191	20,350	53,868	4,721	17,153	4,288	12,865	4,180	13,647	14,167	2,728	11,439
Oct....	79,429	24,985	693	4,150	20,142	54,444	4,718	17,225	4,313	12,912	4,172	13,719	14,610	2,721	11,889
Nov....	79,125	24,437	693	3,981	19,763	54,688	4,702	17,342	4,309	13,033	4,166	13,707	14,771	2,724	12,047
Dec....	78,441	23,554	657	3,722	19,175	54,887	4,663	17,591	4,288	13,303	4,161	13,665	14,807	2,756	12,051
1975:															
Jan....	76,185	22,599	689	3,372	18,538	53,586	4,552	16,687	4,217	12,470	4,131	13,513	14,703	2,711	11,992
Feb....	75,753	22,048	687	3,229	18,132	53,705	4,497	16,475	4,180	12,295	4,127	13,606	15,000	2,719	12,281
Mar....	75,755	21,914	691	3,218	18,005	53,861	4,476	16,509	4,173	12,336	4,132	13,658	15,066	2,724	12,342
Apr....	76,134	21,997	697	3,333	17,967	54,137	4,479	16,664	4,171	12,493	4,146	13,768	15,080	2,732	12,348
May....	76,641	22,214	711	3,465	18,038	54,427	4,495	16,791	4,179	12,612	4,161	13,869	15,111	2,741	12,370
June....	77,117	22,535	726	3,583	18,226	54,582	4,532	16,944	4,215	12,729	4,200	13,945	14,961	2,771	12,190
JulyP..	76,305	22,324	728	3,621	17,975	53,981	4,516	16,877	4,225	12,652	4,213	13,980	14,396	2,800	11,596
AugP..	76,881	22,909	729	3,713	18,467	53,972	4,516	16,907	4,231	12,676	4,213	14,026	14,310	2,781	11,529

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**

50

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
-	<b>TOTAL</b> .....	78,322	78,561	77,117	76,305	76,881	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	64,629	64,946	62,156	61,909	62,571	53,373	53,672	51,025	50,781	51,424
-	<b>MINING</b> .....	688	690	726	728	729	523	524	551	552	551
10	<b>METAL MINING</b> .....	94.1	91.4	91.0	90.5	-	74.3	71.6	71.0	69.9	-
101	Iron ores .....	24.8	25.0	25.8	25.5	-	20.2	20.4	20.9	20.5	-
102	Copper ores .....	43.3	40.5	37.3	37.1	-	33.9	31.1	28.5	28.0	-
11,12	<b>COAL MINING</b> .....	172.6	174.1	196.6	193.3	-	147.6	149.0	167.7	165.1	-
12	Bituminous coal and lignite mining .....	169.3	170.7	192.4	189.1	-	144.7	146.0	164.0	161.4	-
13	<b>OIL AND GAS EXTRACTION</b> .....	297.8	300.4	319.5	324.8	-	200.9	203.0	218.2	222.5	-
131,2	Crude petroleum and natural gas fields .....	147.8	148.3	154.9	157.3	-	74.7	74.9	79.8	81.1	-
138	Oil and gas field services .....	150.0	152.1	164.6	167.5	-	126.2	128.1	128.4	141.4	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	123.9	124.5	118.7	119.2	-	99.9	100.7	94.3	94.5	-
142	Crushed and broken stone .....	45.0	45.4	42.8	42.6	-	37.1	37.6	34.7	34.5	-
144	Sand and gravel .....	39.7	40.3	37.0	37.6	-	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	4,187	4,286	3,583	3,621	3,713	3,440	3,548	2,881	2,915	3,007
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,314.8	1,340.1	1,095.4	1,101.1	-	1,058.2	1,095.2	869.0	873.6	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	846.8	874.5	744.8	756.0	-	726.7	751.8	626.3	637.8	-
161	Highway and street construction .....	400.1	416.5	348.3	358.5	-	353.2	368.9	304.4	314.5	-
162	Heavy construction, nec .....	446.7	458.0	396.5	397.5	-	373.5	382.9	321.9	323.3	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	2,025.3	2,071.7	1,742.6	1,763.5	-	1,655.3	1,700.7	1,385.3	1,403.6	-
171	Plumbing, heating, air conditioning .....	484.6	490.7	425.0	426.9	-	378.7	385.1	321.5	322.9	-
172	Painting, paper hanging, decorating .....	156.5	160.8	132.0	138.7	-	137.4	141.6	113.2	120.0	-
173	Electrical work .....	359.1	363.7	315.1	319.0	-	288.0	292.9	245.3	248.3	-
174	Masonry, stonework, and plastering .....	243.8	247.8	197.5	202.3	-	216.4	219.9	171.0	175.6	-
176	Roofing and sheet metal work .....	136.6	138.2	120.6	125.9	-	112.3	113.7	96.8	101.8	-
-	<b>MANUFACTURING</b> .....	20,066	20,288	18,226	17,975	18,467	14,605	14,826	12,974	12,742	13,235
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	11,903	11,910	10,579	10,371	10,582	8,632	8,642	7,465	7,272	7,498
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	8,163	8,378	7,647	7,604	7,885	5,973	6,184	5,509	5,470	5,737
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	181.6	183.0	178.6	175.0	173.4	83.3	84.2	82.2	80.8	77.1
192	Ammunition, except for small arms .....	123.3	124.2	116.2	113.6	112.4	48.4	48.9	44.0	43.4	40.2
1925	Complete guided missiles .....	92.3	93.3	91.6	89.1	-	24.0	24.5	25.5	24.9	-
1929	Ammunition, exc. for small arms, nec .....	31.0	30.9	24.6	24.5	-	24.4	24.4	18.5	18.5	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	663.0	657.7	581.1	586.0	594.7	565.0	560.5	484.2	488.2	496.3
241	Logging camps and logging contractors .....	92.6	92.5	79.5	82.9	80.9	-	-	-	-	-
242	Sawmills and planing mills .....	228.1	225.7	198.2	196.9	(*)	205.0	203.2	175.4	174.6	(*)
2421	Sawmills and planing mills, general .....	194.6	191.9	170.2	169.5	-	175.1	172.7	150.8	150.5	-
243	Millwork, plywood and related products .....	212.9	211.6	193.1	196.7	201.2	175.3	174.2	157.6	161.0	164.5
2431	Millwork .....	89.0	89.4	83.1	84.8	-	72.0	72.3	67.0	68.7	-
2432	Veneer and plywood .....	82.5	81.7	74.8	75.7	-	72.5	71.9	65.5	66.5	-
244	Wooden containers .....	25.8	25.0	21.9	21.9	21.9	23.0	22.3	19.3	19.4	19.1
2441,2	Wooden boxes, shooks, and crates .....	21.0	20.6	17.2	17.4	-	18.9	18.6	15.3	15.5	-
249	Miscellaneous wood products .....	103.6	102.9	88.4	87.6	89.6	85.2	84.3	70.8	70.1	71.9

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>				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
25	<b>FURNITURE AND FIXTURES</b> .....	521.0	536.6	449.1	441.2	472.5	427.5	440.8	362.1	355.1	384.8
251	Household furniture .....	372.1	384.4	323.2	315.3	(*)	313.8	324.7	269.2	262.1	(*)
2511	Wood household furniture .....	192.1	199.9	165.7	160.8	—	168.9	175.9	143.9	139.1	—
2512	Upholstered household furniture .....	104.2	106.8	92.2	91.0	—	86.1	88.3	75.4	74.2	—
2515	Mattresses and bedsprings .....	37.3	37.7	32.7	32.3	—	28.3	28.6	24.4	24.5	—
252	Office furniture .....	45.7	46.0	35.4	34.6	—	36.3	36.6	26.7	25.9	—
254	Partitions and fixtures .....	56.2	56.9	47.5	47.7	—	42.8	43.4	34.8	34.9	—
253,9	Other furniture and fixtures .....	47.0	49.3	43.0	43.6	45.9	34.6	36.1	31.4	32.2	34.5
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	707.6	710.7	618.3	615.2	632.9	567.9	571.3	488.2	486.8	503.9
321	Flat glass .....	24.5	24.5	16.9	16.7	—	17.4	17.3	11.9	11.6	—
322	Glass and glassware, pressed or blown .....	136.8	137.6	124.8	125.3	(*)	118.2	119.0	106.5	107.1	(*)
3221	Glass containers .....	76.7	76.1	73.4	74.4	—	67.8	67.5	64.3	65.3	—
3229	Pressed and blown glass, nec .....	60.1	61.5	51.4	50.9	—	50.4	51.5	42.2	41.8	—
324	Cement, hydraulic .....	33.9	33.6	30.3	31.0	31.4	26.9	26.7	23.9	24.5	24.9
325	Structural clay products .....	60.3	59.6	50.9	50.6	(*)	50.2	49.3	41.1	40.8	(*)
3251	Brick and structural clay tile .....	27.0	26.5	21.9	22.0	—	23.3	22.8	18.3	18.5	—
326	Pottery and related products .....	48.2	49.0	41.5	40.5	—	40.7	41.9	34.3	33.2	—
327	Concrete, gypsum, and plaster products .....	220.2	222.5	195.0	195.6	197.1	173.7	176.1	151.8	152.5	153.9
328,9	Other stone and nonmetallic mineral products .....	148.2	148.9	128.4	126.0	126.5	113.6	114.1	96.0	94.6	95.0
3291	Abrasive products .....	28.3	28.6	22.7	22.1	—	20.4	20.6	15.5	15.0	—
33	<b>PRIMARY METAL INDUSTRIES</b> .....	1,343.7	1,340.6	1,158.2	1,128.2	1,149.3	1,070.8	1,068.2	899.4	867.2	894.3
331	Blast furnace and basic steel products .....	619.0	614.7	538.0	528.3	(*)	495.4	490.2	417.6	407.2	(*)
3312	Blast furnaces and steel mills .....	533.1	528.6	465.3	457.6	—	428.5	422.5	362.7	354.1	—
332	Iron and steel foundries .....	243.0	245.6	221.9	215.4	(*)	201.2	204.9	182.4	174.3	(*)
3321	Gray iron foundries .....	155.4	155.9	136.9	134.0	—	131.0	132.5	114.5	109.8	—
3322	Malleable iron foundries .....	23.9	24.1	21.2	20.0	—	18.9	19.1	16.6	15.6	—
3323	Steel foundries .....	63.7	65.6	63.8	61.4	—	51.3	53.3	51.3	48.9	—
333,4	Nonferrous metals .....	92.7	89.5	79.3	78.5	77.0	71.8	68.7	59.4	58.8	57.6
3334	Primary aluminum .....	33.5	33.6	27.4	27.1	—	27.3	27.4	21.6	21.3	—
335	Nonferrous rolling and drawing .....	220.9	220.7	178.0	171.7	175.9	164.6	164.1	127.5	121.3	126.0
3351	Copper rolling and drawing .....	39.5	40.6	31.2	29.1	—	29.5	30.5	22.9	20.0	—
3352	Aluminum rolling and drawing .....	71.6	69.4	53.4	53.2	—	51.4	49.1	36.4	36.3	—
3357	Nonferrous wire drawing and insulating .....	88.9	89.8	75.5	72.2	—	68.4	69.1	55.8	53.1	—
336	Nonferrous foundries .....	90.8	92.7	72.0	68.1	(*)	76.0	78.2	58.5	54.6	(*)
3361	Aluminum castings .....	50.1	50.8	38.3	35.9	—	42.6	43.5	31.2	29.1	—
3362,9	Other nonferrous castings .....	40.7	41.9	33.7	32.2	—	33.4	34.7	27.3	25.5	—
339	Miscellaneous primary metal products .....	77.3	77.4	69.0	66.2	(*)	61.8	62.1	54.0	51.0	(*)
3391	Iron and steel forgings .....	49.9	49.9	45.1	42.9	—	40.3	40.5	35.8	33.4	—
34	<b>FABRICATED METAL PRODUCTS</b> .....	1,494.7	1,500.6	1,310.7	1,270.3	1,303.8	1,141.1	1,148.2	977.4	937.4	972.5
341	Metal cans .....	72.8	72.8	63.4	63.7	(*)	62.9	63.0	54.6	54.7	(*)
342	Cutlery, hand tools, and hardware .....	174.2	175.6	148.2	144.3	146.8	135.4	136.4	112.0	107.7	110.3
3421,3,5	Cutlery and hand tools, including saws .....	76.4	78.3	65.4	62.8	—	59.8	61.3	49.2	46.3	—
3429	Hardware, nec .....	97.8	97.3	82.8	81.5	—	75.6	75.1	62.8	61.4	—
343	Plumbing and heating, except electric .....	73.4	74.3	61.7	61.9	(*)	53.6	54.6	44.1	43.7	(*)
3431,2	Sanitary ware and plumbers' brass goods .....	34.5	34.4	27.7	28.2	—	26.7	26.6	20.6	20.7	—
3433	Heating equipment, except electric .....	38.9	39.9	34.0	33.7	—	26.9	28.0	23.5	23.0	—
344	Fabricated structural metal products .....	491.3	486.8	447.9	442.5	448.1	349.5	346.8	311.4	307.0	312.0
3441	Fabricated structural steel .....	108.9	107.9	105.6	104.7	—	79.0	78.8	76.0	75.4	—
3442	Metal doors, sash, and trim .....	78.7	77.7	66.5	66.7	—	57.5	56.7	47.7	48.0	—
3443	Fabricated plate work (boiler shops) .....	138.5	137.5	138.6	134.7	—	92.7	92.3	92.4	89.0	—
3444	Sheet metal work .....	97.5	96.4	83.7	83.5	—	72.4	71.5	59.7	59.8	—
3446,9	Architectural and miscellaneous metal work .....	67.7	67.3	53.5	52.9	—	47.9	47.5	35.6	34.8	—
345	Screw machine products, bolts, etc .....	111.7	112.0	91.6	90.4	90.2	89.4	89.6	70.6	69.3	69.0
3451	Screw machine products .....	51.0	50.8	41.3	40.6	—	42.9	42.7	33.6	33.1	—
3452	Bolts, nuts, rivets, and washers .....	60.7	61.2	50.3	49.8	—	46.5	46.9	37.0	36.2	—
346	Metal stampings .....	233.5	239.9	204.4	179.8	(*)	188.6	194.7	163.1	139.1	(*)
347	Metal services, nec .....	92.0	93.5	81.5	80.3	82.5	76.3	77.8	65.6	64.7	66.7
348	Miscellaneous fabricated wire products .....	70.9	72.4	57.4	56.5	57.4	56.7	58.2	44.3	43.4	44.2
349	Miscellaneous fabricated metal products .....	174.9	173.3	154.6	150.9	(*)	128.7	127.1	111.7	107.8	(*)
3494,8	Valves, pipe, and pipe fittings .....	109.8	108.6	103.2	99.6	—	76.9	75.5	71.2	67.4	—

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>				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	2, 188. 4	2, 199. 6	2, 031. 3	1, 984. 3	1, 988. 1	1, 462. 8	1, 469. 3	1, 314. 9	1, 269. 9	1, 284. 5
351	Engines and turbines .....	118. 9	113. 3	109. 9	106. 8	106. 1	78. 2	72. 3	69. 5	66. 9	66. 1
3511	Steam engines and turbines .....	44. 2	45. 4	44. 4	43. 8	—	23. 2	24. 2	23. 5	22. 9	—
3519	Internal combustion engines, nec. ....	74. 7	67. 9	65. 5	63. 0	—	55. 0	48. 1	46. 0	44. 0	—
352	Farm machinery .....	158. 6	159. 4	147. 7	140. 7	—	115. 4	116. 1	105. 4	98. 9	—
353	Construction and related machinery .....	339. 1	339. 7	338. 6	334. 6	334. 0	224. 8	225. 3	222. 5	218. 6	218. 2
3531,2	Construction and mining machinery ....	190. 2	189. 8	188. 7	186. 6	—	128. 4	128. 2	124. 7	122. 3	—
3533	Oil field machinery .....	50. 7	51. 4	61. 9	62. 1	—	36. 2	36. 6	44. 7	44. 8	—
3535,6	Conveyors, hoists, cranes, monorails ....	45. 0	45. 9	44. 5	42. 7	—	27. 6	28. 4	26. 9	25. 4	—
3537	Industrial trucks and tractors .....	37. 2	37. 5	30. 2	29. 5	—	24. 3	24. 6	19. 4	18. 7	—
354	Metal working machinery .....	338. 3	337. 7	304. 4	297. 0	290. 5	249. 6	249. 7	220. 2	212. 5	208. 3
3541	Machine tools, metal cutting types .....	66. 9	66. 6	63. 4	61. 9	—	43. 9	43. 9	41. 8	40. 4	—
3544	Special dies, tools, jigs, and fixtures ....	125. 2	125. 6	113. 5	111. 2	—	100. 9	101. 3	89. 8	87. 8	—
3545	Machine tool accessories .....	60. 5	60. 9	55. 8	53. 5	—	44. 0	44. 7	39. 9	37. 3	—
3542,8	Miscellaneous metal working machinery ..	85. 7	84. 6	71. 7	70. 4	—	60. 8	59. 8	48. 7	47. 0	—
355	Special industry machinery .....	203. 6	207. 3	181. 2	175. 0	174. 6	135. 0	138. 0	114. 9	109. 6	110. 7
3551	Food products machinery .....	45. 2	45. 4	41. 8	40. 4	—	30. 1	30. 4	27. 3	26. 4	—
3552	Textile machinery .....	37. 3	39. 1	29. 3	27. 6	—	28. 9	29. 6	20. 6	19. 0	—
3555	Printing trades machinery .....	30. 0	31. 0	27. 1	26. 1	—	18. 3	19. 4	16. 3	15. 3	—
356	General industrial machinery .....	311. 0	313. 3	294. 3	286. 6	(*)	210. 2	212. 2	192. 9	185. 4	(*)
3561	Pumps and compressors .....	84. 6	86. 5	82. 7	80. 2	—	52. 4	54. 1	49. 8	47. 3	—
3562	Ball and roller bearings .....	56. 9	56. 9	52. 6	49. 3	—	44. 2	44. 3	39. 8	37. 0	—
3564	Blowers and fans .....	40. 7	40. 6	36. 8	36. 7	—	26. 6	26. 2	23. 3	23. 1	—
3566	Power transmission equipment .....	54. 9	55. 1	50. 8	50. 3	—	39. 7	39. 9	36. 2	35. 7	—
357	Office and computing machines .....	298. 3	301. 8	281. 6	277. 4	271. 1	135. 7	136. 6	115. 6	112. 2	108. 4
3573	Electronic computing equipment .....	215. 0	217. 5	208. 7	205. 9	—	78. 9	79. 5	71. 0	68. 9	—
358	Service industry machines .....	172. 1	172. 6	139. 3	138. 2	(*)	119. 4	120. 3	93. 6	92. 0	(*)
3585	Refrigeration machinery .....	121. 8	121. 2	94. 8	93. 2	—	85. 9	85. 9	64. 6	62. 8	—
359	Miscellaneous machinery, except electrical ..	248. 5	254. 5	234. 3	228. 0	229. 8	194. 5	198. 8	180. 3	173. 8	176. 2
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> ..	2, 040. 3	2, 000. 4	1, 717. 4	1, 688. 1	1, 733. 5	1, 381. 5	1, 346. 6	1, 110. 1	1, 084. 9	1, 132. 1
361	Electric test and distributing equipment ..	225. 5	226. 8	188. 7	179. 4	(*)	156. 2	157. 1	124. 3	115. 5	(*)
3611	Electric measuring instruments .....	79. 8	79. 7	69. 6	62. 7	—	51. 1	51. 1	42. 1	35. 3	—
3612	Transformers .....	61. 5	62. 3	48. 0	46. 8	—	45. 5	46. 3	33. 5	32. 4	—
3613	Switchgear and switchboard apparatus ....	84. 2	84. 8	71. 1	69. 9	—	59. 6	59. 7	48. 7	47. 8	—
362	Electrical industrial apparatus .....	213. 2	230. 2	193. 6	189. 4	189. 8	165. 9	165. 0	133. 2	130. 4	131. 1
3621	Motors and generators .....	114. 3	113. 5	94. 8	92. 9	—	84. 7	83. 7	68. 7	67. 6	—
3622	Industrial controls .....	70. 0	70. 1	59. 3	57. 5	—	46. 6	47. 1	37. 4	36. 1	—
363	Household appliances .....	199. 9	199. 9	154. 2	153. 1	(*)	157. 5	158. 1	116. 5	115. 7	(*)
3632	Household refrigerators and freezers ....	53. 8	52. 7	38. 8	38. 6	—	44. 6	43. 3	29. 8	29. 7	—
3633	Household laundry equipment .....	28. 9	28. 6	23. 7	23. 9	—	22. 6	22. 6	17. 9	18. 1	—
3634	Electric housewares and fans .....	58. 2	59. 8	45. 7	45. 4	—	45. 7	47. 4	34. 9	34. 8	—
364	Electric lighting and wiring equipment .....	219. 6	218. 3	179. 4	176. 6	(*)	168. 5	169. 0	135. 9	131. 2	(*)
3641	Electric lamps .....	41. 4	41. 0	36. 2	35. 6	—	36. 0	36. 5	32. 1	31. 1	—
3642	Lighting fixtures .....	71. 1	72. 0	59. 4	58. 3	—	54. 5	55. 9	44. 9	42. 8	—
3643,4	Wiring devices .....	107. 1	105. 3	83. 8	82. 7	—	78. 0	76. 6	58. 9	57. 3	—
365	Radio and TV receiving equipment .....	150. 2	154. 5	121. 5	119. 1	(*)	109. 9	114. 2	86. 8	84. 7	(*)
366	Communication equipment .....	448. 8	405. 3	419. 7	415. 2	414. 4	233. 6	193. 5	210. 5	207. 8	206. 5
3661	Telephone and telegraph apparatus .....	168. 2	123. 0	143. 1	140. 4	—	110. 1	69. 3	90. 8	89. 2	—
3662	Radio and TV communication equipment .....	280. 6	282. 3	276. 6	274. 8	—	123. 5	124. 2	119. 7	118. 6	—
367	Electronic components and accessories ....	434. 0	430. 2	339. 5	336. 0	340. 0	287. 7	284. 1	210. 6	210. 1	213. 8
3671-3	Electron tubes .....	52. 4	52. 4	44. 9	44. 2	—	35. 6	35. 5	29. 1	28. 3	—
3674,9	Other electronic components .....	381. 6	377. 8	294. 6	291. 8	—	252. 1	248. 6	181. 5	181. 8	—
369	Miscellaneous electrical equipment .....	131. 1	135. 2	120. 8	119. 3	(*)	102. 2	105. 6	92. 3	89. 5	(*)
3694	Engine electrical equipment .....	67. 3	69. 1	63. 6	62. 9	—	53. 6	54. 9	50. 1	48. 0	—
37	<b>TRANSPORTATION EQUIPMENT</b> .....	1, 783. 4	1, 781. 0	1, 638. 3	1, 596. 8	1, 626. 9	1, 251. 7	1, 253. 1	1, 146. 0	1, 110. 3	1, 139. 8
371	Motor vehicles and equipment .....	840. 6	836. 0	746. 9	726. 0	(*)	636. 3	636. 8	572. 3	552. 9	(*)
3711	Motor vehicles .....	348. 7	342. 6	316. 5	317. 3	—	243. 8	241. 1	231. 9	232. 6	—
3712	Passenger car bodies .....	34. 3	38. 0	36. 1	36. 1	—	26. 8	30. 8	28. 4	28. 4	—
3713	Truck and bus bodies .....	46. 5	46. 2	38. 3	37. 8	—	37. 3	36. 9	29. 6	29. 0	—
3714	Motor vehicle parts and accessories .....	378. 8	377. 0	338. 7	317. 9	—	302. 6	302. 3	270. 2	251. 0	—
3715	Truck trailers .....	32. 3	32. 2	17. 3	16. 9	—	25. 8	25. 7	12. 2	11. 9	—
372	Aircraft and parts .....	529. 4	534. 4	509. 3	501. 9	497. 8	286. 8	289. 9	272. 4	266. 6	261. 1
3721	Aircraft .....	288. 3	292. 9	274. 7	272. 3	—	145. 8	149. 8	134. 3	132. 6	—
3722	Aircraft engines and engine parts .....	146. 2	143. 5	138. 7	134. 8	—	79. 6	77. 0	76. 3	73. 2	—
3723,9	Other aircraft parts and equipment .....	94. 9	98. 0	95. 9	94. 8	—	61. 4	63. 1	61. 8	60. 8	—
373	Ship and boat building and repairing .....	205. 4	206. 1	202. 9	192. 3	192. 8	163. 5	164. 4	161. 4	154. 0	154. 6
3731	Ship building and repairing .....	156. 1	158. 5	161. 2	152. 8	—	123. 2	125. 7	127. 7	122. 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>				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
3732	Boat building and repairing .....	49.3	47.6	41.7	39.5	—	40.3	38.7	33.7	31.8	—
374	Railroad equipment .....	51.8	51.1	48.3	47.4	—	40.1	39.5	36.2	35.1	—
375,9	Other transportation equipment .....	156.2	153.4	130.9	129.2	—	125.0	122.5	103.7	101.7	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	533.8	537.0	493.3	490.1	489.6	330.9	333.8	294.6	290.6	292.1
381	Engineering and scientific instruments .....	73.5	73.5	70.6	69.9	—	37.1	37.2	34.9	34.1	—
382	Mechanical measuring and control devices .....	119.5	120.0	103.2	102.8	(*)	78.6	78.8	63.8	63.4	(*)
3821	Mechanical measuring devices .....	77.7	78.1	71.7	71.1	—	48.9	49.1	42.9	42.2	—
3822	Automatic temperature controls .....	41.8	41.9	31.5	31.7	—	29.7	29.7	20.9	21.2	—
383,5	Optical and ophthalmic goods .....	65.0	67.1	62.3	61.6	62.1	44.6	46.9	42.0	41.3	41.5
385	Ophthalmic goods .....	43.1	44.7	41.4	41.0	—	31.5	33.3	29.9	29.5	—
384	Medical instruments and supplies .....	108.3	108.7	103.2	101.2	102.0	73.8	74.0	68.6	66.7	67.3
386	Photographic equipment and supplies .....	133.8	133.2	124.4	125.2	125.6	69.3	68.8	61.6	61.5	61.6
387	Watches, clocks, and watchcases .....	33.7	34.5	29.6	29.4	—	27.5	28.1	23.7	23.6	—
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	445.3	462.5	402.8	396.1	417.0	349.0	365.7	305.6	300.3	320.4
391	Jewelry, silverware, and plated ware .....	48.9	53.8	48.1	44.6	(*)	35.7	39.9	34.8	32.3	(*)
394	Toys and sporting goods .....	142.0	146.4	121.5	122.7	—	116.1	121.2	93.6	94.2	—
3941-3	Games, toys, dolls, and play vehicles .....	77.9	83.0	69.7	71.3	—	64.1	69.2	52.6	54.2	—
3949	Sporting and athletic goods, nec .....	64.1	63.4	51.8	51.4	—	52.0	52.0	41.0	40.0	—
395	Pens, pencils, office, and art supplies .....	36.5	37.4	36.2	35.8	—	26.2	27.2	26.0	25.9	—
396	Costume jewelry and notions .....	52.7	55.8	48.9	48.6	—	43.0	45.5	39.3	39.3	—
393,9	Other manufacturing industries .....	165.2	169.1	148.1	144.4	148.7	128.0	131.9	111.9	108.6	113.7
393	Musical instruments and parts .....	25.2	26.2	21.1	20.0	—	21.0	22.1	17.2	16.3	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	1,736.2	1,838.5	1,670.4	1,717.1	1,816.1	1,183.1	1,286.4	1,127.5	1,172.0	1,269.0
201	Meat products .....	342.9	345.6	333.2	335.8	338.8	281.3	284.1	273.2	275.4	278.3
2011	Meat packing plants .....	169.9	170.0	165.2	166.1	—	135.9	135.9	132.7	133.6	—
2013	Sausages and other prepared meats .....	62.8	63.2	60.5	61.7	—	44.7	45.1	42.2	43.2	—
2015	Poultry dressing plants .....	110.2	112.4	107.5	108.0	—	100.7	103.1	98.3	98.6	—
202	Dairy products .....	206.7	205.7	201.3	200.7	199.4	107.5	107.1	104.8	105.0	103.7
2024	Ice cream and frozen desserts .....	24.7	24.4	24.5	24.3	—	14.4	14.2	13.9	14.2	—
2026	Fluid milk .....	134.5	134.3	129.8	129.6	—	56.8	57.1	55.5	55.5	—
203	Canned, cured, and frozen foods .....	309.4	407.8	283.6	322.2	—	259.4	358.0	232.5	272.1	—
2031,6	Canned, cured, and frozen sea foods .....	48.7	49.7	43.5	44.5	—	42.4	43.1	37.1	37.9	—
2032,3	Canned food, except sea foods .....	150.2	229.5	126.5	159.6	—	124.2	203.5	99.7	133.9	—
2037	Frozen fruits and vegetables .....	62.9	77.0	65.9	65.6	—	54.2	68.6	57.6	57.1	—
204	Grain mill products .....	139.0	140.1	140.1	140.3	142.7	97.7	98.5	98.1	98.2	100.4
2041	Flour and other grain mill products .....	26.7	27.0	26.0	26.1	—	18.8	19.2	18.6	18.6	—
2042	Prepared feeds for animals and fowls .....	73.0	73.2	72.9	73.3	—	48.7	48.9	48.3	48.7	—
205	Bakery products .....	251.1	249.0	242.1	243.6	244.0	144.8	142.9	139.1	140.7	141.5
2051	Bread, cake, and related products .....	207.4	205.4	198.9	199.7	—	110.7	109.2	105.4	106.4	—
2052	Cookies and crackers .....	43.7	43.6	43.2	43.9	—	34.1	33.7	33.7	34.3	—
206	Sugar .....	32.0	32.4	32.6	33.0	—	23.9	24.2	24.1	24.3	—
207	Confectionery and related products .....	74.0	76.8	70.4	70.9	74.0	57.3	60.0	53.4	53.5	56.6
2071	Confectionery products .....	55.8	58.0	53.1	52.9	—	43.9	46.0	41.0	40.5	—
208	Beverages .....	233.2	232.6	224.3	228.0	227.3	115.5	115.5	110.4	111.8	111.3
2082	Malt liquors .....	54.5	53.7	53.3	53.9	—	37.1	36.4	35.8	36.2	—
2086	Bottled and canned soft drinks .....	133.5	132.9	127.4	130.9	—	51.3	50.7	48.4	50.0	—
209	Miscellaneous foods and kindred products .....	147.9	148.5	142.8	142.6	144.1	95.7	96.1	91.9	91.0	92.2
21	<b>TOBACCO MANUFACTURES</b> .....	72.0	83.8	67.9	70.2	80.8	58.5	70.0	55.1	57.1	67.1
211	Cigarettes .....	47.1	47.2	45.2	45.0	—	38.1	38.4	36.5	36.5	—
212	Cigars .....	12.7	13.8	12.0	9.9	—	11.1	12.3	10.6	8.5	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	994.1	1,013.7	914.7	894.2	937.4	867.0	885.9	794.1	775.3	816.4
221	Weaving mills, cotton .....	191.5	191.5	173.0	171.4	(*)	172.6	172.8	155.8	154.2	(*)
222	Weaving mills, synthetics .....	115.8	118.3	105.7	106.2	107.8	102.8	105.0	94.0	94.6	96.4
223	Weaving and finishing mills, wool .....	24.0	24.1	20.8	20.1	20.7	20.0	20.1	17.1	16.4	16.9
224	Narrow fabric mills .....	27.0	28.8	23.6	22.7	(*)	23.8	25.4	20.3	19.5	(*)
225	Knitting mills .....	272.2	278.7	257.5	251.2	(*)	236.2	242.1	221.3	215.5	(*)
2251	Women's hosiery, except socks .....	42.4	43.3	42.0	41.8	—	37.3	38.2	36.9	36.6	—
2252	Hosiery, nec .....	35.0	35.0	32.9	32.4	—	30.9	31.1	29.1	28.7	—
2253	Knit outerwear mills .....	83.3	87.7	77.2	71.2	—	70.9	74.9	65.4	59.8	—
2254	Knit underwear mills .....	37.1	37.8	36.7	37.0	—	33.2	33.8	31.9	32.2	—

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>				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
<b>TEXTILE MILL PRODUCTS—Continued</b>											
226	Textile finishing, except wool .....	81.5	83.0	76.7	74.4	(*)	68.0	69.7	64.5	62.6	(*)
227	Floor covering mills .....	63.6	65.0	56.4	55.4	—	50.5	52.4	44.5	43.6	—
228	Yarn and thread mills .....	149.3	154.3	140.8	135.5	147.1	136.5	141.1	127.7	122.5	133.8
229	Miscellaneous textile goods .....	69.2	70.0	60.2	57.3	(*)	56.6	57.3	48.9	46.4	(*)
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	1,301.4	1,348.9	1,220.5	1,179.8	1,240.0	1,120.4	1,163.8	1,049.4	1,012.6	1,066.3
231	Men's and boys' suits and coats .....	102.9	107.5	90.5	85.8	88.8	90.3	94.1	78.8	74.5	76.5
232	Men's and boys' furnishings .....	377.8	394.7	353.0	344.8	(*)	323.5	338.6	302.8	295.6	(*)
2321	Men's and boys' shirts and nightwear .....	119.5	122.5	107.5	105.3	—	105.0	108.0	93.8	91.8	—
2327	Men's and boys' separate trousers .....	87.6	91.7	81.5	78.9	—	76.7	80.1	71.3	68.9	—
2328	Men's and boys' work clothing .....	87.7	93.2	85.9	84.0	—	71.1	76.2	71.1	69.4	—
233	Women's and misses' outerwear .....	390.1	403.3	369.1	353.7	(*)	342.4	354.1	323.2	308.8	(*)
2331	Women's and misses' blouses and waists .....	44.3	45.8	44.7	41.9	—	38.7	40.3	39.3	36.6	—
2335	Women's and misses' dresses .....	179.2	185.4	166.9	160.3	—	160.4	166.0	149.6	143.5	—
2337	Women's and misses' suits and coats .....	67.3	69.0	59.4	59.0	—	58.4	59.6	50.3	49.7	—
2339	Women's and misses' outerwear, nec. ....	99.3	103.1	98.1	92.5	—	84.9	88.2	84.0	79.0	—
234	Women's and children's undergarments .....	102.4	107.5	96.4	92.3	(*)	87.0	92.0	82.2	78.7	(*)
2341	Women's and children's underwear .....	77.1	81.1	73.8	71.4	—	66.5	70.4	64.0	61.5	—
2342	Corsets and allied garments .....	25.3	26.4	22.6	20.9	—	20.5	21.6	18.2	17.2	—
235	Hats, caps, and millinery .....	15.1	15.4	14.8	14.6	—	13.5	13.7	13.1	12.7	—
236	Children's outerwear .....	75.6	75.1	74.1	71.7	72.5	65.8	65.3	64.0	62.1	62.5
2361	Children's dresses and blouses .....	33.8	33.0	31.5	31.2	—	30.6	29.7	28.3	28.3	—
237.8	Fur goods and miscellaneous apparel .....	69.2	70.9	62.3	61.2	—	58.7	60.8	53.5	52.7	—
239	Miscellaneous fabricated textile products .....	168.3	174.5	160.3	155.7	165.1	139.2	145.2	131.8	127.5	136.3
2391,2	Housefurnishings .....	66.6	68.6	63.6	62.7	—	55.6	57.7	53.1	52.2	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	711.7	715.2	639.5	636.2	656.6	549.2	552.6	481.0	478.2	492.3
261,2,6	Paper and pulp mills .....	213.6	212.9	194.1	194.8	(*)	166.8	166.0	148.1	148.8	(*)
263	Paperboard mills .....	69.2	69.8	63.5	63.3	(*)	55.8	56.4	49.7	49.6	(*)
264	Miscellaneous converted paper products .....	208.2	209.8	185.1	184.9	(*)	153.3	154.9	132.5	132.5	(*)
2643	Bags, except textile bags .....	44.9	45.4	40.2	40.3	—	36.4	36.9	31.7	31.7	—
265	Paperboard containers and boxes .....	220.7	222.7	196.8	193.2	(*)	173.3	175.3	150.7	147.3	(*)
2651,2	Folding and setup paperboard boxes .....	61.6	63.6	55.1	53.2	—	49.9	51.9	43.8	42.1	—
2653	Corrugated and solid fiber boxes .....	107.0	107.3	94.2	93.2	—	80.9	81.1	68.6	67.7	—
2654	Sanitary food containers .....	31.1	30.9	29.7	29.2	—	25.5	25.4	24.5	23.8	—
27	<b>PRINTING AND PUBLISHING</b> .....	1,110.4	1,111.4	1,069.2	1,059.7	1,063.3	667.4	669.1	627.6	619.3	624.6
271	Newspapers .....	384.8	383.9	373.6	369.4	368.0	175.0	174.6	165.9	162.8	161.8
272	Periodicals .....	69.3	68.9	69.6	69.4	—	19.5	19.8	18.8	18.3	—
273	Books .....	101.8	101.7	98.2	97.3	—	56.8	56.3	52.4	52.0	—
275	Commercial printing .....	359.5	360.9	346.4	344.9	343.9	274.6	275.8	261.3	258.7	259.7
2751	Commercial printing, except lithographic .....	206.0	207.2	200.4	201.0	—	160.5	161.6	153.5	153.1	—
2752	Commercial printing, lithographic .....	143.1	143.0	135.5	134.1	—	106.6	106.5	100.0	98.3	—
278	Blankbooks and bookbinding .....	55.2	55.7	48.7	48.3	(*)	46.6	47.0	39.8	39.6	(*)
274,6,7,9	Other publishing and printing ind. ....	139.8	140.3	132.7	130.4	(*)	94.9	95.6	89.4	87.9	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	1,071.1	1,076.4	1,014.0	1,011.2	1,020.6	621.5	628.1	571.1	567.7	579.3
281	Industrial chemicals .....	325.3	327.3	325.3	325.7	325.5	173.6	176.3	171.8	171.3	172.6
2812	Alkalies and chlorine .....	26.1	26.3	26.1	26.0	—	18.6	18.7	18.4	18.3	—
2818	Industrial organic chemicals, nec. ....	129.4	129.7	132.9	133.1	—	53.8	54.0	57.9	57.5	—
2819	Industrial inorganic chemicals, nec. ....	101.8	103.0	104.6	104.8	—	57.1	59.4	57.9	57.7	—
282	Plastics materials and synthetics .....	230.2	232.3	198.6	199.4	(*)	158.5	160.4	129.9	130.8	(*)
2821	Plastics materials and resins .....	96.0	96.9	82.2	81.3	—	60.3	61.0	48.3	47.5	—
2823,4	Synthetic fibers .....	121.4	122.4	104.6	106.4	—	89.3	90.4	73.4	75.2	—
283	Drugs .....	166.4	165.6	162.5	162.0	162.2	84.4	84.1	81.0	80.6	81.0
2834	Pharmaceutical preparations .....	132.7	132.9	130.0	130.0	—	65.0	65.4	62.7	63.0	—
284	Soap, cleaners, and toilet goods .....	128.2	130.9	122.2	121.9	125.3	73.9	76.3	69.8	69.5	72.9
2841	Soap and other detergents .....	40.0	40.5	38.6	38.8	—	26.6	27.1	25.6	25.6	—
2844	Toilet preparations .....	54.5	56.7	52.0	50.9	—	30.3	32.3	28.9	28.1	—
285	Paints and allied products .....	71.9	71.8	64.9	65.5	(*)	40.2	40.1	34.8	35.4	(*)
287	Agricultural chemicals .....	55.3	55.3	59.4	58.0	57.4	33.3	33.4	36.5	35.0	34.5
2871,2	Fertilizers, complete and mixing only .....	35.9	36.0	38.4	36.8	—	23.9	24.1	25.7	24.2	—
286,9	Other chemical products .....	93.8	93.2	81.1	78.7	(*)	57.6	57.5	47.3	45.1	(*)
2892	Explosives .....	23.3	23.1	18.9	18.0	—	15.3	15.4	12.3	11.5	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	201.1	200.4	196.3	199.8	199.1	128.7	128.1	125.3	127.8	127.8
291	Petroleum refining .....	158.1	157.5	156.3	159.2	158.0	96.9	96.3	96.6	98.3	97.7
295,9	Other petroleum and coal products .....	43.0	42.9	40.0	40.6	41.1	31.8	31.8	28.7	29.5	30.1

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>				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC...</b>	683.4	697.1	588.7	581.7	600.5	536.2	549.2	449.9	443.0	462.1
301	Tires and inner tubes .....	134.3	134.5	119.4	119.2	119.2	97.6	97.5	85.9	86.0	86.0
302,3,6	Other rubber products .....	178.2	183.1	150.3	146.0	148.3	140.5	145.0	116.1	112.0	114.9
302	Rubber footwear .....	25.9	26.7	23.6	21.7	—	22.1	23.0	19.7	17.9	—
307	Miscellaneous plastics products .....	370.9	379.5	319.0	316.5	333.0	298.1	306.7	247.9	245.0	261.2
31	<b>LEATHER AND LEATHER PRODUCTS .....</b>	281.9	292.1	265.6	254.3	270.2	240.7	250.3	227.8	217.4	231.8
311	Leather tanning and finishing .....	22.0	22.5	23.4	22.4	(*)	18.6	19.1	20.2	19.3	(*)
314	Footwear, except rubber .....	181.5	185.4	168.5	162.4	170.8	157.7	161.4	146.9	141.3	148.5
312,3,5,7,9	Other leather products .....	78.4	84.2	73.7	69.5	(*)	64.4	69.8	60.7	56.8	(*)
316	Luggage .....	17.7	18.4	15.3	14.0	—	14.1	14.6	12.1	10.7	—
317	Handbags and personal leather goods .....	34.5	38.5	34.3	33.8	—	28.5	32.3	28.2	27.9	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES .....</b>	4,740	4,734	4,532	4,515	4,516	4,100	4,090	3,887	3,870	3,868
40	<b>RAILROAD TRANSPORTATION .....</b>	591.2	592.0	537.4	536.5	—	—	—	—	—	—
4011	Class I railroads <sup>2</sup> .....	534.1	535.2	491.3	490.7	—	—	—	—	—	—
<b>LOCAL AND INTERURBAN PASSENGER</b>											
41	<b>TRANSIT .....</b>	245.7	242.1	270.6	240.3	—	—	—	—	—	—
411	Local and suburban transportation .....	69.8	69.9	73.1	70.6	—	65.2	65.1	67.7	65.3	—
412	Taxicabs .....	89.9	89.2	83.9	82.0	—	—	—	—	—	—
413	Intercity highway transportation .....	43.5	43.0	39.6	40.3	—	39.5	38.9	35.8	36.5	—
42	<b>TRUCKING AND WAREHOUSING .....</b>	1,203.2	1,201.0	1,086.8	1,092.5	—	1,084.8	1,081.7	969.9	975.7	—
421,3	Trucking and trucking terminals .....	1,111.1	1,109.2	999.4	1,004.0	—	1,004.9	1,002.2	895.0	899.7	—
422	Public warehousing .....	92.1	91.8	87.4	88.5	—	79.9	79.5	74.9	76.0	—
45	<b>TRANSPORTATION BY AIR .....</b>	368.2	363.2	361.0	362.0	—	—	—	—	—	—
451,2	Air transportation .....	330.9	325.7	324.8	327.1	—	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION .....</b>	17.1	17.1	16.8	17.0	—	13.5	13.5	13.1	13.1	—
44,47	<b>OTHER TRANSPORTATION AND SERVICES .....</b>	348.3	351.7	340.3	341.7	—	—	—	—	—	—
44	<b>WATER TRANSPORTATION .....</b>	214.3	217.7	200.7	202.4	—	—	—	—	—	—
47	<b>TRANSPORTATION SERVICES .....</b>	134.0	134.0	139.6	139.3	—	—	—	—	—	—
48	<b>COMMUNICATION .....</b>	1,205.8	1,204.7	1,170.3	1,174.9	—	936.4	934.8	902.3	906.1	—
481	Telephone communication .....	1,006.3	1,004.0	965.0	966.0	—	777.4	774.6	737.2	738.1	—
482	Telegraph communication <sup>3</sup> .....	18.9	18.8	17.1	17.9	—	13.1	13.0	12.0	12.7	—
483	Radio and television broadcasting .....	151.3	152.6	154.5	156.8	—	121.4	122.6	124.2	125.7	—
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES .....</b>	760.5	762.5	748.6	750.3	—	641.4	642.7	625.3	626.4	—
491	Electric companies and systems .....	324.5	326.8	316.8	315.3	—	270.4	272.0	262.6	260.7	—
492	Gas companies and systems .....	167.1	166.6	167.5	169.1	—	140.0	139.4	139.6	141.0	—
493	Combination companies and systems .....	204.0	203.6	197.6	198.5	—	174.5	174.4	166.4	167.2	—
494-7	Water, steam, and sanitary systems .....	64.9	65.5	66.7	67.4	—	56.5	56.9	56.7	57.5	—
—	<b>WHOLESALE AND RETAIL TRADE .....</b>	17,064	17,058	16,944	16,877	16,907	15,102	15,093	14,959	14,895	14,913
50	<b>WHOLESALE TRADE .....</b>	4,295	4,306	4,215	4,225	4,231	3,591	3,601	3,495	3,504	3,507
501	Motor vehicles and automotive equipment .....	384.2	382.9	365.7	364.9	—	309.3	308.9	299.0	298.1	—
502	Drugs, chemicals, and allied products .....	254.1	253.1	247.2	248.0	—	207.0	206.7	199.0	200.5	—
503	Dry goods and apparel .....	161.4	162.1	153.8	152.7	—	125.8	126.4	119.6	118.8	—
504	Groceries and related products .....	609.1	608.3	613.8	621.6	—	534.2	533.6	535.2	542.7	—
506	Electrical goods .....	332.5	330.9	308.8	307.9	—	284.5	283.6	260.1	260.1	—
507	Hardware; plumbing and heating equipment .....	196.9	196.9	183.7	183.3	—	166.9	165.9	152.8	152.5	—
508	Machinery, equipment, and supplies .....	891.6	896.5	885.1	885.2	—	746.5	751.7	733.7	733.0	—
509	Miscellaneous wholesalers .....	1,361.6	1,364.5	1,351.4	1,356.3	—	1,132.6	1,134.2	1,109.3	1,113.4	—
52-59	<b>RETAIL TRADE .....</b>	12,769	12,752	12,729	12,652	12,676	11,511	11,492	11,464	11,391	11,406
53	Retail General Merchandise .....	2,573.8	2,573.7	2,491.9	2,467.7	—	2,359.4	2,356.7	2,277.2	2,251.8	—
531	Department stores .....	1,717.9	1,713.9	1,654.6	1,641.8	—	1,577.3	1,570.7	1,515.5	1,502.3	—
532	Mail order houses .....	131.6	132.9	115.3	113.7	—	123.6	125.0	108.5	106.9	—
533	Variety stores .....	316.6	320.5	309.7	301.6	—	296.6	299.6	286.8	277.9	—
54	<b>FOOD STORES .....</b>	1,913.3	1,887.6	1,917.2	1,908.4	—	1,775.2	1,749.1	1,777.7	1,770.1	—
541-3	Grocery, meat, and vegetable stores .....	1,742.5	1,720.0	1,745.0	1,737.1	—	1,616.7	1,592.5	1,617.9	1,610.9	—

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>				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>p</sup>	Aug. 1975 <sup>p</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>p</sup>	Aug. 1975 <sup>p</sup>
-	<b>WHOLESALE AND RETAIL TRADE—Continued</b>										
56	<b>APPAREL AND ACCESSORY STORES</b> .....	721.2	719.7	721.0	706.6	-	633.7	632.6	630.0	616.3	-
561	Men's and boys' clothing and furnishings .....	132.4	129.5	125.4	123.2	-	115.7	113.1	108.8	107.6	-
562	Women's ready-to-wear stores .....	278.4	278.5	279.6	272.2	-	245.9	245.5	245.5	238.8	-
565	Family clothing stores .....	104.0	102.9	104.7	103.0	-	95.6	94.3	95.2	92.5	-
566	Shoe stores .....	143.8	146.8	147.5	145.8	-	121.3	124.7	124.0	122.3	-
57	<b>FURNITURE AND HOME FURNISHINGS</b>										
	<b>STORES</b> .....	530.7	527.5	503.2	499.3	-	454.6	451.1	425.1	423.3	-
571	Furniture and home furnishings .....	330.7	329.6	312.3	308.1	-	284.1	282.4	263.5	262.3	-
56	<b>EATING AND DRINKING PLACES</b> .....	3,246.5	3,262.7	3,324.2	3,306.3	-	3,031.2	3,045.3	3,105.2	3,088.7	-
52,55,59	<b>OTHER RETAIL TRADE</b> .....	3,783.0	3,780.4	3,771.9	3,763.9	-	3,256.8	3,257.6	3,248.6	3,241.1	-
52	Building materials and farm equipment .....	644.8	634.9	609.7	614.3	-	555.9	547.1	522.1	527.0	-
55	Automotive dealers and service stations .....	1,749.1	1,757.8	1,730.7	1,727.6	-	-	-	-	-	-
551,2	Motor vehicle dealers .....	795.0	795.1	757.2	756.7	-	660.7	664.3	631.6	630.9	-
553,9	Other automotive and accessory dealers .....	328.3	328.1	325.2	324.6	-	278.8	279.4	273.4	273.6	-
554	Gasoline service stations .....	625.8	634.6	648.3	646.3	-	-	-	-	-	-
59	Miscellaneous retail stores .....	1,389.1	1,387.7	1,431.5	1,422.0	-	-	-	-	-	-
591	Drug stores and proprietary stores .....	460.7	463.5	467.0	464.8	-	410.6	414.5	416.8	415.1	-
594	Book and stationery stores .....	72.7	71.6	74.1	72.0	-	61.7	60.6	62.7	60.5	-
596	Farm and garden supply stores .....	129.4	126.5	134.4	132.7	-	-	-	-	-	-
598	Fuel and ice dealers .....	97.7	96.7	97.4	96.4	-	82.8	81.7	82.3	80.6	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b> .....	4,219	4,222	4,200	4,213	4,213	3,254	3,250	3,203	3,217	3,222
60	Banking .....	1,258.9	1,265.1	1,267.6	1,275.6	-	997.8	1,003.1	1,001.6	1,009.1	-
61	Credit agencies other than banks .....	444.0	442.7	442.5	445.8	-	343.4	341.9	339.5	342.0	-
612	Savings and loan associations .....	156.6	156.0	165.6	168.9	-	127.3	126.6	133.3	136.1	-
614	Personal credit institutions .....	209.7	210.0	202.2	201.9	-	-	-	-	-	-
62	Security, commodity brokers and services .....	176.3	174.1	173.6	175.2	-	142.6	140.9	142.0	143.8	-
63	Insurance carriers .....	1,114.4	1,117.2	1,117.7	1,116.1	-	761.9	763.3	745.4	746.3	-
631	Life insurance .....	540.5	541.8	544.9	543.2	-	314.3	314.7	314.6	314.7	-
632	Accident and health insurance .....	108.7	109.3	113.8	113.7	-	91.1	91.6	94.0	93.7	-
633	Fire, marine, and casualty insurance .....	409.8	410.9	405.3	404.8	-	310.2	310.9	292.8	293.2	-
64	Insurance agents, brokers, and service .....	317.5	319.0	328.8	329.9	-	-	-	-	-	-
65	Real estate .....	796.9	792.3	757.3	759.3	-	-	-	-	-	-
655	Subdividers and developers .....	137.5	135.2	121.3	120.6	-	-	-	-	-	-
656	Operative builders .....	58.9	57.3	47.6	48.0	-	-	-	-	-	-
66,67	Other finance, insurance, and real estate .....	111.3	111.2	112.1	111.4	-	-	-	-	-	-
-	<b>SERVICES</b> .....	13,665	13,668	13,945	13,980	14,026	12,349	12,341	12,570	12,590	12,628
70	Hotels and other lodging places .....	1,040.6	1,067.1	999.1	1,081.0	-	-	-	-	-	-
701	Hotels, tourist courts, and motels .....	833.7	845.2	821.1	840.0	-	777.3	788.6	763.2	780.5	-
72	Personal services .....	861.5	852.5	840.0	833.2	-	-	-	-	-	-
721	Laundries and dry cleaning plants .....	383.6	380.2	364.5	364.6	-	346.6	343.4	327.1	327.3	-
722	Photographic studios .....	42.6	43.4	41.2	41.3	-	37.4	38.4	36.4	36.6	-
73	Miscellaneous business services .....	1,969.5	1,983.1	1,934.8	1,939.6	-	-	-	-	-	-
731	Advertising .....	120.6	120.3	118.5	118.4	-	-	-	-	-	-
732	Credit reporting and collection .....	81.6	80.9	80.2	80.7	-	-	-	-	-	-
734	Services to buildings .....	385.8	389.2	384.1	382.3	-	-	-	-	-	-
76	Miscellaneous repair services .....	221.3	222.3	211.9	211.1	-	-	-	-	-	-
78	Motion pictures .....	213.2	216.6	203.5	212.4	-	-	-	-	-	-
781	Motion picture filming and distributing .....	63.3	66.4	58.7	61.0	-	50.0	51.7	42.9	44.3	-
782,3	Motion picture theaters and services .....	149.9	150.2	144.8	151.4	-	-	-	-	-	-
80	Medical and other health services .....	3,991.8	4,008.5	4,225.7	4,246.6	-	-	-	-	-	-
806	Hospitals .....	2,185.3	2,189.2	2,293.3	2,305.0	-	2,002.0	2,001.6	2,097.9	2,105.4	-
81	Legal services .....	321.7	319.9	330.9	336.2	-	-	-	-	-	-
82	Educational services .....	1,055.1	1,034.7	1,209.8	1,097.2	-	-	-	-	-	-
821	Elementary and secondary schools .....	346.9	341.1	415.4	350.0	-	-	-	-	-	-
822	Colleges and universities .....	558.8	545.9	633.6	589.9	-	-	-	-	-	-
89	Miscellaneous services .....	865.8	870.7	871.1	880.4	-	-	-	-	-	-
891	Engineering and architectural services .....	412.4	414.2	406.5	408.6	-	-	-	-	-	-
892	Nonprofit research agencies .....	130.2	130.9	139.8	143.9	-	-	-	-	-	-

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>				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>p</sup>	Aug. 1975 <sup>p</sup>	July 1974	Aug. 1974	June 1975	Aug. 1975 <sup>p</sup>	July 1975 <sup>p</sup>
—	<b>GOVERNMENT</b> .....	13, 693	13, 615	14, 961	14, 396	14, 310	—	—	—	—	—
91	<b>FEDERAL GOVERNMENT<sup>5</sup></b> .....	2, 784	2, 759	2, 771	2, 800	2, 781	—	—	—	—	—
	Executive .....	2,737.8	2,713.7	2,722.4	2,750.7	—	—	—	—	—	
	Department of Defense .....	990.3	977.8	968.0	972.4	—	—	—	—	—	
	Postal Service .....	703.9	701.8	696.3	698.1	—	—	—	—	—	
	Other agencies .....	1,043.6	1,034.1	1,058.1	1,080.2	—	—	—	—	—	
	Legislative .....	36.6	36.1	38.5	38.7	—	—	—	—	—	
	Judicial .....	9.4	9.5	10.3	10.1	—	—	—	—	—	
92,93	<b>STATE AND LOCAL GOVERNMENT</b> .....	10, 909	10, 856	12, 190	11, 596	11, 529	—	—	—	—	
92	State government .....	2,866.9	2,876.3	3,111.9	3,069.2	—	—	—	—	—	
	State education .....	1,074.8	1,074.5	1,239.4	1,205.0	—	—	—	—	—	
	Other State government .....	1,792.1	1,801.8	1,872.5	1,864.2	—	—	—	—	—	
93	Local government .....	8,041.8	7,979.8	9,078.4	8,526.3	—	—	—	—	—	
	Local education .....	4,066.2	3,998.8	5,061.8	4,324.0	—	—	—	—	—	
	Other local government .....	3,975.6	3,981.0	4,016.6	4,202.3	—	—	—	—	—	

<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 salesmen 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.

<sup>p</sup>=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	34.1	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.....	116.7	106.2	104.1	125.6	103.1	122.4	109.0	122.5	116.8	124.5	126.4	128.6	120.6	97.9	127.7
1974.....	118.9	106.0	109.6	124.2	102.9	126.0	110.3	125.0	120.8	126.5	129.0	133.7	125.3	100.2	133.2
Aug.....	119.4	106.4	110.3	123.6	103.4	126.6	110.3	126.0	121.2	127.6	129.2	134.4	125.7	100.8	133.5
Sept.....	119.7	106.3	111.3	122.8	103.4	127.1	109.8	126.2	121.3	127.9	129.5	135.1	126.7	101.0	134.8
Oct.....	119.8	105.7	112.9	121.9	102.8	127.5	110.3	126.1	121.6	127.7	129.8	135.7	127.5	101.1	135.8
Nov.....	119.1	103.9	113.1	120.4	101.0	127.3	110.2	125.3	121.5	126.6	129.7	135.9	127.8	101.0	136.2
Dec.....	118.0	101.5	108.0	118.4	98.5	127.0	109.6	124.3	121.0	125.4	129.7	136.0	128.0	100.7	136.5
1975:															
Jan.....	117.3	99.7	114.2	118.1	96.3	126.8	108.1	123.9	120.3	125.2	129.4	136.1	128.4	100.5	137.1
Feb.....	116.5	97.1	114.5	112.1	94.1	127.1	107.0	123.7	119.8	125.1	129.1	136.4	129.7	100.5	138.9
Mar.....	116.0	96.0	115.2	108.7	93.3	126.9	105.9	123.5	119.5	124.9	128.9	136.2	129.9	100.5	139.1
Apr.....	115.9	95.7	114.7	108.3	93.0	127.0	105.9	123.4	119.5	124.8	129.1	136.2	130.4	100.4	139.8
May.....	116.1	95.8	115.8	108.2	93.2	127.1	105.5	123.6	119.4	125.1	129.0	136.2	130.7	100.4	140.1
June.....	115.8	95.4	115.8	106.5	93.0	127.0	105.0	124.0	118.9	125.8	128.8	136.2	130.2	100.4	139.5
July <sup>p</sup> .....	116.2	95.2	116.5	105.7	92.8	127.6	104.9	124.3	118.9	126.3	128.7	136.9	131.4	101.1	140.9
Aug.....	117.0	96.3	116.5	107.1	93.7	128.3	105.1	124.9	119.1	126.9	129.0	137.9	132.2	101.6	141.8

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

**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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>
<b>TOTAL</b> .....	78,661	78,844	78,865	78,404	77,690	77,227	76,708	76,368	76,349	76,428	76,291	76,507	77,035
<b>GOODS-PRODUCING</b> .....	24,753	24,733	24,585	24,187	23,606	23,207	22,595	22,338	22,268	22,300	22,208	22,157	22,413
<b>MINING</b> .....	676	682	692	693	662	700	702	706	703	710	710	714	714
<b>CONTRACT CONSTRUCTION</b> .....	3,965	3,939	3,911	3,861	3,798	3,789	3,596	3,486	3,475	3,472	3,416	3,390	3,435
<b>MANUFACTURING</b> .....	20,112	20,112	19,982	19,633	19,146	18,718	18,297	18,146	18,090	18,118	18,082	18,053	18,100
<b>DURABLE GOODS</b> .....	11,899	11,906	11,841	11,611	11,291	11,010	10,722	10,635	10,554	10,525	10,480	10,409	10,540
Ordnance and accessories .....	183	183	184	182	182	182	182	182	182	182	179	175	173
Lumber and wood products .....	637	628	610	586	575	556	544	545	544	557	564	572	576
Furniture and fixtures .....	533	529	518	497	483	463	449	442	445	448	447	450	469
Stone, clay, and glass products .....	694	686	678	667	652	632	618	609	608	608	604	605	618
Primary metal industries .....	1,339	1,349	1,353	1,336	1,304	1,227	1,235	1,206	1,177	1,156	1,139	1,118	1,148
Fabricated metal products .....	1,504	1,496	1,479	1,452	1,403	1,352	1,131	1,312	1,310	1,303	1,300	1,286	1,306
Machinery, except electrical .....	2,217	2,228	2,239	2,227	2,199	2,165	2,129	2,102	2,073	2,042	2,015	1,992	2,004
Electrical equipment and supplies .....	2,004	2,016	2,000	1,939	1,876	1,835	1,771	1,754	1,730	1,721	1,714	1,702	1,737
Transportation equipment .....	1,803	1,809	1,807	1,769	1,683	1,626	1,556	1,587	1,594	1,618	1,627	1,613	1,615
Instruments and related products .....	534	534	532	526	520	514	505	498	495	491	491	491	487
Miscellaneous manufacturing .....	451	448	441	430	414	408	402	398	396	399	400	405	407
<b>NONDURABLE GOODS</b> .....	8,713	8,206	8,141	8,022	7,855	7,708	7,575	7,511	7,536	7,593	7,602	7,644	7,724
Food and kindred products .....	1,713	1,724	1,719	1,705	1,692	1,671	1,664	1,666	1,669	1,678	1,675	1,683	1,693
Tobacco manufactures .....	77	75	77	75	76	79	78	76	75	75	75	77	74
Textile mill products .....	1,011	1,004	978	954	919	881	860	857	877	897	905	907	935
Apparel and other textile products .....	1,341	1,336	1,320	1,291	1,236	1,204	1,178	1,165	1,181	1,197	1,208	1,230	1,233
Paper and allied products .....	710	711	701	691	678	666	650	639	633	635	632	637	651
Printing and publishing .....	1,115	1,113	1,112	1,104	1,101	1,098	1,089	1,083	1,078	1,074	1,068	1,063	1,066
Chemicals and allied products .....	1,069	1,073	1,071	1,065	1,050	1,038	1,027	1,014	1,007	1,008	1,005	1,003	1,014
Petroleum and coal products .....	195	194	195	196	195	190	187	190	189	191	192	195	194
Rubber and plastics products, nec .....	696	693	690	664	638	619	586	570	575	582	583	588	599
Leather and leather products .....	286	283	278	277	270	262	256	251	252	256	259	261	265
<b>SERVICE-PRODUCING</b> .....	53,908	54,111	54,280	54,217	54,084	54,020	54,113	54,030	54,081	54,128	54,083	54,350	54,622
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,701	4,679	4,699	4,697	4,668	4,607	4,561	4,512	4,511	4,495	4,474	4,470	4,480
<b>WHOLESALE AND RETAIL TRADE</b> ..	17,140	17,166	17,160	17,048	16,912	16,863	16,832	16,799	16,794	16,820	16,868	16,919	16,988
<b>WHOLESALE TRADE</b> .....	4,272	4,275	4,287	4,283	4,267	4,242	4,222	4,211	4,213	4,208	4,190	4,191	4,197
<b>RETAIL TRADE</b> .....	12,868	12,891	12,873	12,765	12,645	12,621	12,610	12,588	12,581	12,612	12,678	12,728	12,791
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,168	4,176	4,185	4,183	4,182	4,173	4,164	4,157	4,163	4,161	4,154	4,151	4,159
<b>SERVICES</b> .....	13,573	13,647	13,705	13,721	13,734	13,747	13,771	13,754	13,754	13,759	13,752	13,828	13,929
Hotels and other lodging places .....	936	943	947	954	945	955	962	955	951	949	947	956	-
Personal services .....	858	856	853	847	844	839	834	831	831	834	828	834	-
Medical and other health services .....	3,997	4,018	4,049	4,076	4,098	4,126	4,141	4,160	4,175	4,185	4,200	4,217	-
Educational services .....	1,219	1,250	1,256	1,259	1,261	1,256	1,273	1,274	1,274	1,274	1,263	1,267	-
<b>GOVERNMENT</b> .....	14,326	14,443	14,531	14,568	14,588	14,630	14,785	14,808	14,859	14,893	14,835	14,982	15,066
<b>FEDERAL</b> .....	2,740	2,747	2,748	2,746	2,738	2,733	2,733	2,732	2,729	2,730	2,730	2,750	2,762
<b>STATE AND LOCAL</b> .....	11,586	11,696	11,783	11,822	11,850	11,897	12,052	12,076	12,130	12,163	12,105	12,232	12,304

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**

**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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. p
<b>TOTAL</b> .....	53,109	53,171	53,091	52,591	51,851	51,445	50,768	50,434	50,357	50,438	50,388	50,461	50,882
<b>GOODS-PRODUCING</b> .....	18,427	18,409	18,268	17,894	17,345	17,004	16,414	16,176	16,122	16,183	16,120	16,079	16,344
<b>MINING</b> .....	512	517	525	526	492	534	534	536	531	539	537	540	539
<b>CONTRACT CONSTRUCTION</b> .....	3,240	3,221	3,195	3,146	3,077	3,078	2,884	2,774	2,765	2,774	2,728	2,702	2,746
<b>MANUFACTURING</b> .....	14,675	14,671	14,548	14,222	13,776	13,392	12,996	12,866	12,826	12,870	12,855	12,837	13,059
<b>DURABLE GOODS</b> .....	8,640	8,651	8,593	8,380	8,086	7,838	7,567	7,499	7,426	7,409	7,377	7,314	7,466
Ordnance and accessories .....	84	86	86	85	86	85	85	85	85	85	83	81	77
Lumber and wood products .....	541	532	514	491	481	463	449	452	450	463	467	474	479
Furniture and fixtures .....	437	433	421	404	390	371	360	354	357	361	360	363	382
Stone, clay, and glass products .....	557	548	541	531	516	499	486	478	477	478	476	478	491
Primary metal industries .....	1,069	1,082	1,084	1,068	1,035	1,011	969	940	914	896	882	861	895
Fabricated metal products .....	1,152	1,144	1,128	1,103	1,059	1,011	992	976	975	970	968	953	975
Machinery, except electrical .....	1,490	1,500	1,508	1,494	1,467	1,440	1,404	1,380	1,354	1,325	1,303	1,281	1,303
Electrical equipment and supplies .....	1,353	1,368	1,354	1,299	1,242	1,208	1,152	1,135	1,118	1,111	1,107	1,099	1,138
Transportation equipment .....	1,269	1,277	1,285	1,249	1,176	1,126	1,060	1,100	1,099	1,125	1,135	1,124	1,124
Instruments and related products .....	333	331	329	324	318	314	305	298	297	293	293	292	291
Miscellaneous manufacturing .....	355	350	343	332	316	310	305	301	300	302	303	308	311
<b>NONDURABLE GOODS</b> .....	6,035	6,020	5,955	5,842	5,690	5,554	5,429	5,367	5,400	5,461	5,478	5,523	5,593
Food and kindred products .....	1,170	1,180	1,174	1,160	1,150	1,132	1,125	1,125	1,130	1,139	1,138	1,146	1,154
Tobacco manufactures .....	64	61	64	62	63	66	65	63	62	62	61	64	62
Textile mill products .....	883	876	850	827	797	760	740	737	756	778	785	788	814
Apparel and other textile products .....	1,157	1,152	1,136	1,112	1,059	1,032	1,009	995	1,012	1,027	1,038	1,060	1,060
Paper and allied products .....	548	547	536	528	516	504	489	478	474	476	474	480	488
Printing and publishing .....	673	669	667	658	656	654	645	639	635	632	628	624	628
Chemicals and allied products .....	624	626	625	617	602	589	580	568	563	567	565	566	576
Petroleum and coal products .....	123	123	124	124	123	117	114	119	118	120	122	123	123
Rubber and plastics products, nec .....	548	544	542	517	493	477	446	431	436	442	446	449	461
Leather and leather products .....	245	242	237	237	231	223	216	212	214	218	221	223	227
<b>SERVICE-PRODUCING</b> .....	34,682	34,762	34,823	34,697	34,506	34,441	34,354	34,258	34,235	34,255	34,268	34,382	34,538
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,058	4,034	4,055	4,050	4,016	3,961	3,916	3,868	3,865	3,851	3,833	3,828	3,837
<b>WHOLESALE AND RETAIL TRADE</b> ..	15,173	15,205	15,193	15,084	14,917	14,894	14,853	14,823	14,814	14,831	14,889	14,944	14,993
<b>WHOLESALE TRADE</b> .....	3,565	3,568	3,574	3,567	3,553	3,530	3,508	3,492	3,491	3,486	3,471	3,473	3,472
<b>RETAIL TRADE</b> .....	11,608	11,637	11,619	11,517	11,364	11,364	11,345	11,331	11,323	11,345	11,418	11,471	11,521
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,196	3,203	3,207	3,187	3,188	3,182	3,174	3,163	3,162	3,164	3,162	3,157	3,168
<b>SERVICES</b> .....	12,255	12,320	12,368	12,376	12,385	12,404	12,411	12,404	12,394	12,409	12,384	12,453	12,540

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

p=preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**
**Table 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 .....	68.6	71.2	78.8	77.3
February .....	70.6	80.5	82.0	81.7
March .....	75.0	80.8	84.9	79.7
April .....	76.2	84.0	79.7	82.3
May .....	75.6	82.8	81.1	84.3
June .....	77.6	74.4	82.6	84.3
July .....	45.6	74.4	84.6	83.7
August .....	73.0	74.4	82.0	84.0
September .....	74.7	82.0	80.2	85.2
October .....	82.6	83.4	82.8	83.1
November .....	73.5	79.4	82.3	82.0
December .....	75.3	80.5	84.6	84.3
<b>1973</b>				
January .....	73.8	82.0	82.3	80.5
February .....	73.3	81.1	77.9	83.1
March .....	76.2	79.4	80.8	84.9
April .....	66.9	77.0	75.9	85.8
May .....	57.8	73.3	76.5	86.3
June .....	72.1	66.6	74.7	84.0
July .....	59.9	73.0	73.8	79.1
August .....	66.6	68.6	74.7	74.4
September .....	59.6	74.7	71.8	68.9
October .....	75.9	78.2	72.1	64.5
November .....	77.3	72.4	68.3	65.1
December .....	58.7	68.6	62.5	61.6
<b>1974</b>				
January .....	62.5	54.9	55.8	61.6
February .....	47.1	50.9	50.9	59.0
March .....	48.0	44.8	50.0	54.9
April .....	54.1	51.7	49.4	48.0
May .....	55.5	56.4	50.0	40.7
June .....	58.7	52.0	50.6	30.5
July .....	48.8	46.8	39.5	25.9
August .....	52.3	42.2	34.3	22.4
September .....	38.1	43.6	27.3	20.1
October .....	40.4	29.1	20.3	18.6
November .....	19.2	20.9	18.0	16.3
December .....	19.8	13.7	14.2	13.4
<b>1975</b>				
January .....	17.7	13.7	13.7	16.3p
February .....	16.6	14.0	12.8	16.3p
March .....	26.2	19.8	16.9	
April .....	42.2	35.2	32.0p	
May .....	54.1	43.9	46.8p	
June .....	43.0	50.0p		
July .....	54.9p	58.1p		
August .....	72.4p			
September .....				
October .....				
November .....				
December .....				

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

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
1	<b>ALABAMA</b> .....	1,179.5	1,144.0	1,158.3	9.5	9.4	9.4	74.2	69.8	70.8	357.0	325.1	324.4
2	Birmingham .....	314.7	310.6	312.2	6.3	6.9	6.9	21.9	21.3	21.4	72.6	68.0	67.8
3	Huntsville .....	103.1	99.4	100.3	(1)	(1)	(1)	4.2	4.3	4.4	25.2	22.9	22.8
4	Mobile .....	120.5	120.2	122.1	(1)	(1)	(1)	7.7	8.6	8.7	26.8	25.6	26.3
5	Montgomery .....	89.0	86.5	88.0	(1)	(1)	(1)	6.8	6.2	6.1	15.0	13.5	13.4
6	Tuscaloosa .....	46.9	45.7	45.6	(1)	(1)	(1)	3.7	3.5	3.5	12.1	11.6	11.0
7	<b>ALASKA</b> .....	131.8	140.1	142.3	3.4	3.7	3.7	14.1	16.0	17.2	13.4	9.7	10.6
8	<b>ARIZONA</b> .....	737.7	713.2	717.8	27.4	24.3	23.5	58.9	47.5	48.9	114.1	97.8	98.2
9	Phoenix .....	444.7	424.5	428.3	.4	.4	.4	34.6	27.7	28.9	86.0	70.3	70.5
10	Tucson .....	140.0	138.5	139.8	8.7	8.0	8.0	11.7	9.8	9.9	12.4	11.9	11.9
11	<b>ARKANSAS</b> .....	651.8	618.4	616.3	4.3	4.2	4.3	38.5	31.2	31.7	206.9	173.8	176.3
12	Fayetteville-Springdale .....	50.0	47.0	47.5	(1)	(1)	(1)	2.8	2.3	2.3	17.2	14.3	14.6
13	Fort Smith .....	58.2	53.7	54.5	.3	.3	.3	2.8	2.3	2.4	23.0	19.4	19.7
14	Little Rock-North Little Rock .....	159.2	151.2	150.2	(1)	(1)	(1)	11.4	9.9	9.8	31.9	26.9	27.2
15	Pine Bluff .....	27.1	24.8	24.5	(1)	(1)	(1)	1.4	1.1	1.2	6.8	5.8	5.4
16	<b>CALIFORNIA</b> .....	7,820.4	7,855.5	7,787.3	32.2	32.0	32.4	264.2	288.9	288.2	1,709.6	1,576.7	1,567.1
17	Anaheim-Santa Ana-Garden Grove .....	551.8	575.6	571.9	2.1	2.2	2.2	21.0	22.0	21.8	159.5	149.6	151.2
18	Bakersfield .....	99.7	103.6	103.4	6.9	7.4	7.4	3.3	3.9	3.8	8.9	9.1	9.0
19	Fresno .....	146.2	148.5	147.8	.8	.8	.8	7.5	7.1	7.1	21.7	19.5	20.0
20	Los Angeles-Long Beach .....	3,074.5	3,047.3	3,031.8	11.0	11.1	11.1	76.9	95.0	94.6	833.3	773.0	766.1
21	Modesto .....	67.4	67.5	69.1	.1	.1	.1	4.1	3.6	3.6	18.0	15.9	18.2
22	Oxnard-Simi Valley-Ventura .....	110.4	113.0	112.2	1.8	1.7	1.7	3.5	4.0	4.0	16.0	15.5	15.6
23	Riverside-San Bernardino-Ontario .....	330.7	338.6	332.2	2.6	2.4	1.3	12.9	12.6	12.3	57.4	51.1	51.0
24	Sacramento .....	303.7	315.8	312.9	.3	.3	.4	12.1	13.5	13.6	22.3	21.8	21.7
25	Salinas-Seaside-Monterey .....	76.0	76.2	75.3	.6	.6	.6	3.2	2.5	2.5	9.7	9.4	9.1
26	San Diego .....	457.0	471.8	467.3	.5	.5	.5	15.1	20.3	20.1	76.2	72.7	72.3
27	San Francisco-Oakland .....	1,320.6	1,326.2	1,327.4	1.7	1.6	1.6	54.5	59.6	58.8	196.3	185.3	185.0
28	San Jose .....	473.9	467.9	466.5	.1	.1	.1	16.7	17.7	17.8	165.0	149.6	153.7
29	Santa Barbara-Santa Maria-Lompoc .....	90.2	93.5	91.4	.7	.7	.7	2.5	3.1	3.2	13.3	12.4	11.8
30	Santa Rosa .....	64.8	64.7	65.1	.3	.2	.2	4.0	3.7	3.7	9.5	8.7	8.8
31	Stockton .....	98.2	103.0	100.5	.1	.1	.1	4.1	4.1	4.1	18.5	17.7	18.7
32	Vallejo-Fairfield-Napa .....	77.0	81.8	81.7	.1	.1	.1	2.3	3.4	3.5	8.3	8.7	9.0
33	<b>COLORADO</b> .....	966.5	953.0	945.8	16.9	18.5	18.6	71.9	58.0	59.4	147.4	133.5	134.0
34	Denver-Boulder .....	620.7	603.3	598.2	7.2	7.2	7.5	45.5	37.8	38.4	103.2	92.3	91.5
35	<b>CONNECTICUT</b> .....	1,270.4	1,224.5	1,205.1	(2)	(2)	(2)	58.5	48.9	49.4	437.1	383.4	366.8
36	Bridgeport .....	149.0	144.4	143.6	(2)	(2)	(2)	5.8	5.5	5.8	62.7	57.8	56.8
37	Hartford .....	340.7	336.3	330.9	(2)	(2)	(2)	14.7	12.9	13.0	91.8	83.8	82.2
38	New Britain .....	45.8	44.0	43.0	(2)	(2)	(2)	1.9	1.9	2.0	23.7	20.5	20.3
39	New Haven .....	165.0	167.4	165.6	(2)	(2)	(2)	8.1	7.9	7.9	41.4	37.4	36.7
40	Stamford .....	89.3	88.3	87.9	(2)	(2)	(2)	3.5	3.2	3.3	28.9	27.1	26.9
41	Waterbury .....	86.2	82.7	81.7	(2)	(2)	(2)	3.4	3.2	3.2	37.9	33.5	32.7
42	<b>DELAWARE</b> .....	239.3	227.0	226.2	(1)	(1)	(1)	17.0	14.0	14.1	76.2	66.1	64.7
43	Wilmington .....	213.5	202.9	202.2	(1)	(1)	(1)	16.7	13.2	13.5	72.3	63.9	62.3
44	<b>DISTRICT OF COLUMBIA</b> <sup>3</sup> .....	732.9	722.6	726.1	(1)	(1)	(1)	24.7	20.5	20.3	16.6	16.2	16.1
45	Washington SMSA .....	1,369.7	1,354.4	1,355.0	(1)	(1)	(1)	95.3	76.7	76.7	50.2	48.4	48.4
46	<b>FLORIDA</b> .....	2,800.4	2,688.7	2,639.3	10.5	11.0	11.2	268.4	183.8	177.7	369.5	342.1	335.9
47	Fort Lauderdale-Hollywood .....	243.9	220.5	216.6	(1)	(1)	(1)	30.5	17.1	16.7	27.4	24.5	24.6
48	Jacksonville .....	260.7	259.5	258.2	(1)	(1)	(1)	21.9	19.9	19.9	32.1	30.7	31.2
49	Miami .....	605.2	594.8	593.4	(1)	(1)	(1)	43.9	38.0	37.4	92.2	86.0	85.5
50	Orlando .....	229.3	220.6	216.3	(1)	(1)	(1)	24.4	15.6	15.6	28.3	24.7	24.3
51	Pensacola .....	82.2	82.1	82.5	(1)	(1)	(1)	8.4	7.7	7.8	14.6	13.3	13.6
52	Tampa-St. Petersburg .....	424.5	401.8	392.0	(1)	(1)	(1)	41.7	26.3	26.2	64.0	58.4	56.6
53	West Palm Beach-Boca Raton .....	139.1	141.4	138.6	(1)	(1)	(1)	17.5	14.9	14.6	19.4	17.7	17.7
54	<b>GEORGIA</b> .....	1,808.3	1,741.7	1,728.8	8.1	7.2	7.3	112.7	92.3	88.7	479.0	440.4	435.2
55	Atlanta .....	780.1	759.1	759.6	(1)	(1)	(1)	51.5	41.4	40.9	125.4	124.8	125.1
56	Augusta .....	103.1	100.0	100.4	(1)	(1)	(1)	6.6	5.9	5.8	32.7	30.9	31.2
57	Columbus .....	75.2	73.7	73.9	(1)	(1)	(1)	4.9	4.0	4.2	22.2	21.3	20.9
58	Macon .....	89.6	88.6	89.3	(1)	(1)	(1)	5.0	4.2	4.2	14.7	13.5	13.9
59	Savannah .....	74.4	72.1	71.7	(1)	(1)	(1)	5.2	4.9	4.9	16.5	15.0	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			
July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	
63.0	59.4	60.4	227.4	224.9	226.0	50.5	50.5	50.7	164.0	166.7	166.7	233.9	238.2	249.9	1
23.2	22.7	22.8	74.3	74.7	74.6	19.8	20.3	20.3	49.8	50.5	50.5	46.8	46.2	47.9	2
2.2	2.1	2.1	18.1	17.8	17.9	2.8	2.8	2.8	17.7	17.4	17.3	32.9	32.1	33.0	3
9.6	8.7	9.6	29.4	29.5	29.6	5.8	5.9	5.9	22.3	22.9	23.0	18.9	19.0	19.0	4
4.6	4.4	4.4	20.9	20.3	20.3	5.1	5.1	5.1	14.9	14.9	15.0	21.7	22.1	23.7	5
1.8	1.8	1.8	7.8	7.7	7.8	1.6	1.5	1.5	4.8	4.9	4.9	15.1	14.7	15.1	6
13.0	15.2	15.4	20.3	22.8	23.0	5.1	5.5	5.7	19.4	19.7	20.4	43.1	47.4	46.3	7
40.1	39.0	39.0	170.8	173.1	173.3	42.5	42.0	42.1	130.2	131.0	131.8	153.7	158.5	161.0	8
24.3	23.8	23.8	112.0	112.3	112.3	32.2	32.3	32.3	80.8	80.7	80.5	74.4	77.0	79.6	9
8.1	7.6	7.6	29.6	30.1	30.0	6.5	6.0	6.0	26.3	26.3	26.4	36.7	38.8	40.0	10
38.6	36.5	36.5	131.5	133.3	133.3	28.0	28.2	28.3	88.1	91.2	91.2	115.9	120.0	114.7	11
3.2	3.1	3.1	10.7	10.2	10.3	2.0	2.0	2.1	6.8	7.0	7.0	7.3	8.1	8.1	12
3.2	3.0	3.0	11.8	11.7	12.0	2.0	2.0	2.0	8.9	8.5	8.5	6.2	6.5	6.6	13
11.8	11.6	11.4	36.0	33.9	33.9	10.8	10.9	10.9	25.9	25.6	25.9	31.4	32.4	31.1	14
3.5	3.2	3.1	5.2	4.9	4.9	1.1	1.1	1.1	4.0	4.1	4.2	5.1	4.6	4.6	15
483.1	468.6	471.2	1,777.4	1,777.0	1,775.6	456.6	451.4	454.3	1,556.8	1,585.7	1,585.5	1,540.5	1,675.2	1,613.0	16
17.5	17.8	17.7	131.9	143.9	145.0	31.3	32.7	33.0	108.3	112.5	113.3	80.2	94.9	87.7	17
6.5	6.7	6.7	24.0	25.3	25.3	4.0	3.9	3.9	18.2	18.5	18.2	27.9	28.8	29.1	18
8.9	9.0	9.3	38.8	37.4	38.8	7.2	7.2	7.2	27.8	28.1	28.5	33.5	39.4	36.1	19
179.7	175.2	176.0	701.2	693.9	690.2	189.6	186.7	187.5	633.9	633.2	637.8	448.9	479.2	468.5	20
3.2	3.2	3.2	14.8	14.6	15.0	2.0	2.0	2.0	13.1	13.7	13.6	12.1	14.4	13.4	21
4.4	4.4	4.3	25.5	26.1	26.0	4.2	4.4	4.4	20.1	20.7	20.9	34.9	36.2	35.3	22
19.4	18.8	18.8	78.3	81.0	80.4	12.3	12.3	12.4	66.2	68.5	67.2	81.6	91.9	88.8	23
18.2	16.7	17.0	66.3	68.7	68.8	13.6	13.5	13.8	49.8	50.0	50.6	121.1	131.3	127.0	24
4.6	4.5	4.5	19.9	19.6	19.6	2.9	2.9	2.9	15.5	15.3	15.7	19.6	21.4	20.4	25
23.4	22.7	22.8	105.4	108.1	108.4	26.5	25.6	25.8	99.5	96.6	99.4	110.4	125.3	118.0	26
128.0	123.2	124.5	290.3	288.5	287.6	113.2	113.5	114.0	261.9	265.7	265.9	274.7	288.8	290.0	27
19.5	18.7	18.9	89.5	90.5	90.6	19.0	19.0	19.1	94.8	96.4	96.4	69.3	75.9	69.9	28
3.1	3.0	3.0	20.9	21.2	21.0	4.3	4.2	4.2	24.0	23.8	24.1	21.4	25.1	23.4	29
3.3	3.3	3.4	15.3	15.7	15.8	4.2	4.2	4.2	12.1	12.0	12.3	16.1	16.9	16.7	30
7.8	7.9	7.7	22.0	23.3	22.2	3.7	3.7	3.7	18.0	19.7	18.6	24.0	26.5	25.4	31
3.8	3.9	3.9	14.3	14.4	14.5	2.2	2.2	2.2	13.5	14.1	14.0	32.5	35.0	34.5	32
62.3	59.8	60.1	236.8	227.2	228.5	57.4	56.6	56.8	184.3	186.4	187.7	189.6	213.1	200.8	33
43.3	40.8	41.0	156.2	149.3	149.6	42.3	42.2	42.5	120.5	119.4	119.8	102.4	114.3	107.9	34
54.0	55.0	52.6	248.5	249.3	246.9	86.9	86.9	87.0	220.2	221.0	222.5	165.3	180.2	179.9	35
6.4	6.5	6.3	29.2	29.0	29.4	6.0	6.0	6.0	23.0	23.3	23.5	15.9	16.3	15.9	36
12.2	13.0	12.3	67.9	70.1	68.9	50.2	49.8	49.7	55.2	56.8	56.0	48.8	50.0	48.8	37
1.4	1.5	1.4	6.9	7.2	7.0	1.3	1.4	1.4	6.0	6.2	6.2	4.6	5.4	4.8	38
13.7	14.1	13.8	34.0	36.3	36.2	9.2	9.4	9.6	37.7	40.7	40.2	20.9	21.7	21.3	39
3.3	3.4	3.5	19.5	19.9	19.8	5.5	5.4	5.5	19.9	20.2	20.1	8.7	9.1	8.8	40
3.2	3.2	3.1	13.3	13.8	13.6	3.2	3.3	3.3	14.7	14.9	15.1	10.6	10.9	10.7	41
11.8	11.5	11.3	47.7	46.7	46.8	11.6	11.6	11.6	39.7	39.7	40.0	35.3	37.4	37.7	42
10.4	10.4	10.2	39.8	38.8	38.8	10.5	10.4	10.4	34.8	35.8	36.2	29.0	30.4	30.6	43
29.8	29.5	29.6	67.9	68.6	68.9	33.5	33.3	33.2	155.6	148.6	147.3	404.8	405.9	410.7	44
69.3	68.0	68.1	251.2	252.7	253.0	81.4	80.2	80.2	314.3	309.9	308.5	508.0	518.5	520.1	45
190.1	184.2	184.5	714.5	678.8	672.6	198.2	187.0	187.6	571.7	571.0	567.4	477.5	530.8	502.4	46
14.7	14.7	14.6	66.6	60.3	59.5	19.0	16.1	16.3	53.3	51.5	51.5	32.4	36.3	33.4	47
22.7	22.4	22.3	66.8	66.4	66.4	27.0	26.8	27.1	45.2	45.7	45.4	45.0	47.6	45.9	48
57.5	59.5	59.4	153.6	151.6	150.7	47.7	45.6	45.9	142.6	139.4	137.8	67.7	74.7	76.7	49
12.7	12.4	12.4	62.7	62.5	62.0	16.2	15.3	15.3	53.6	55.0	54.4	31.4	35.1	32.3	50
4.3	4.3	4.2	18.0	17.8	17.9	3.5	3.4	3.3	13.5	13.9	14.1	19.9	21.7	21.6	51
28.0	25.4	25.8	121.9	114.3	113.5	30.9	29.8	29.7	84.8	84.4	84.6	53.2	63.2	55.6	52
6.9	6.7	6.7	36.0	37.6	37.1	10.6	10.8	10.7	30.0	31.0	30.9	18.7	22.7	20.9	53
120.3	113.2	113.0	404.6	386.1	387.5	99.9	97.0	97.2	253.6	255.8	256.7	330.1	349.7	343.2	54
72.5	67.7	67.7	220.1	207.8	207.7	61.9	60.1	60.3	132.1	132.4	132.1	116.6	124.9	125.8	55
4.2	3.8	3.9	18.6	17.3	17.4	3.7	3.5	3.5	11.9	13.1	13.1	25.4	25.5	25.5	56
3.0	2.7	2.7	14.4	13.5	13.8	4.4	4.4	4.4	9.6	9.9	10.0	16.7	17.9	17.9	57
3.7	3.6	3.6	17.7	17.9	18.1	4.7	5.3	5.3	13.8	13.7	13.7	30.0	30.4	30.5	58
8.2	7.1	6.9	17.0	17.1	17.1	3.4	3.3	3.3	11.7	11.7	11.8	12.4	13.0	12.8	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		
		July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
1	HAWAII .....	342.2	343.7	346.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	28.8	28.9	29.0	27.2	26.1	28.2
2	Honolulu .....	290.8	290.7	292.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.7	24.8	24.9	20.5	19.2	21.1
3	IDAHO .....	262.2	283.2	283.9	3.7	4.0	4.0	15.0	19.4	20.7	47.2	49.4	49.1
4	Boise City .....	56.7	58.2	58.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.4	4.6	6.1	5.9	6.0
5	ILLINOIS .....	4,439.9	4,329.3	4,304.9	23.8	24.3	24.3	186.7	193.3	199.1	1,335.3	1,191.9	1,177.1
6	Bloomington—Normal .....	43.2	43.6	43.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.9	2.0	2.0	7.3	6.8	6.9
7	Champaign—Urbana—Rantoul .....	57.9	59.2	(*)	( <sup>2</sup> )	( <sup>2</sup> )	(*)	3.5	3.4	(*)	5.9	5.9	(*)
8	Chicago SMSA <sup>4</sup> .....	3,042.6	2,953.2	2,932.8	4.0	4.0	4.0	125.6	128.5	129.6	902.5	809.2	794.9
9	Chicago—Northwestern Indiana .....	3,286.9	3,152.0	(*)	4.1	4.4	(*)	137.7	140.2	(*)	1,011.9	892.7	(*)
10	Davenport—Rock Island—Moline .....	145.2	144.3	(*)	( <sup>2</sup> )	( <sup>2</sup> )	(*)	6.8	6.7	(*)	48.5	45.1	(*)
11	Decatur .....	53.1	50.0	50.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.6	2.6	3.0	21.5	18.6	18.3
12	Peoria .....	136.2	137.8	(*)	( <sup>2</sup> )	( <sup>2</sup> )	(*)	9.0	8.1	(*)	48.7	49.9	(*)
13	Rockford .....	112.1	108.9	107.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.5	3.2	3.5	54.5	48.8	48.1
14	Springfield .....	76.4	77.2	(*)	( <sup>2</sup> )	( <sup>2</sup> )	(*)	4.0	3.9	(*)	10.0	9.0	(*)
15	INDIANA .....	2,031.0	1,923.1	1,919.0	7.6	8.0	8.0	94.1	85.0	89.2	747.3	643.2	637.2
16	Evansville .....	110.8	104.6	106.0	1.8	1.8	1.9	5.4	4.7	4.9	40.3	35.0	35.0
17	Fort Wayne .....	159.8	152.7	151.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.0	6.8	7.1	61.4	52.7	52.4
18	Gary—Hammond—East Chicago <sup>4</sup> .....	244.3	230.7	232.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.1	11.4	12.3	109.4	94.6	93.1
19	Indianapolis .....	462.9	450.6	447.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.0	18.0	19.8	129.0	116.9	114.1
20	Muncie .....	47.4	45.4	44.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.6	1.7	17.4	14.0	14.0
21	South Bend .....	105.0	100.0	100.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	4.0	4.7	33.8	29.7	29.5
22	Terre Haute .....	56.7	56.8	56.2	1.0	1.0	1.0	1.9	2.3	2.4	17.1	15.8	15.6
23	IOWA .....	1,009.2	1,012.9	998.6	3.3	3.2	3.2	57.4	54.9	57.8	254.6	232.8	228.2
24	Cedar Rapids .....	72.9	74.0	73.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	3.4	3.6	26.6	26.4	25.8
25	Des Moines .....	155.5	156.0	156.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.2	8.2	8.9	27.6	26.0	25.0
26	Dubuque .....	40.4	38.9	38.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.2	1.2	17.3	15.6	15.6
27	Sioux City .....	49.9	48.7	48.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.3	3.5	13.7	11.5	11.7
28	Waterloo—Cedar Falls .....	58.0	56.1	55.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.5	2.7	22.0	19.5	19.4
29	KANSAS .....	778.2	783.7	775.8	10.3	10.7	10.8	41.2	37.4	38.1	168.2	160.3	159.0
30	Topeka .....	73.0	73.6	72.8	.1	.1	.1	3.2	2.7	2.9	11.0	10.4	10.2
31	Wichita .....	167.5	166.6	167.8	2.1	2.2	2.2	9.8	8.4	8.6	51.1	51.6	52.1
32	KENTUCKY .....	1,078.5	1,068.3	1,071.8	40.4	42.7	43.0	60.0	55.8	57.5	292.8	268.8	272.2
33	Lexington—Fayette .....	122.0	119.7	119.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.6	7.3	7.3	31.6	28.5	28.3
34	Louisville .....	374.0	351.8	362.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19.4	17.6	18.0	119.5	100.4	104.9
35	LOUISIANA .....	1,184.6	1,189.8	1,186.1	54.4	56.1	56.3	91.2	89.8	89.2	186.4	181.6	181.2
36	Baton Rouge .....	152.9	153.0	152.0	.9	.9	.9	17.7	16.1	15.2	22.0	21.6	21.7
37	Lake Charles .....	48.1	47.9	47.4	1.2	1.3	1.3	5.7	5.3	5.1	10.7	10.3	10.5
38	Monroe .....	43.5	42.3	42.7	.4	.4	.4	4.2	3.8	3.9	7.3	6.9	6.9
39	New Orleans .....	411.5	417.6	413.1	15.0	15.7	15.7	27.3	26.7	26.9	52.1	50.6	50.5
40	Shreveport .....	123.5	123.2	123.9	4.4	4.4	4.4	9.0	8.6	8.7	25.0	24.8	24.8
41	MAINE .....	377.1	360.4	356.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.0	18.8	19.4	105.4	96.3	92.9
42	Lewiston—Auburn .....	29.1	30.0	28.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.4	1.4	10.5	11.3	9.9
43	Portland .....	72.1	69.8	68.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	3.9	3.8	14.0	12.3	11.6
44	MARYLAND <sup>5</sup> .....	1,442.1	1,432.1	1,423.2	1.8	1.8	1.8	110.4	97.1	100.2	258.3	235.5	232.7
45	Baltimore .....	857.2	845.2	841.5	.2	.2	.2	51.5	45.3	48.1	180.6	165.5	162.5
46	MASSACHUSETTS .....	2,357.8	2,357.8	2,326.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	114.5	100.2	102.0	601.7	572.9	554.1
47	Boston .....	1,274.4	1,273.4	1,265.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	55.8	50.5	51.8	259.8	249.5	245.6
48	Brockton .....	59.7	60.9	59.9	-	-	-	3.3	3.0	3.1	14.3	14.1	13.6
49	Fall River .....	46.1	45.5	44.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.8	18.5	18.1
50	Lawrence—Haverhill .....	94.1	92.0	89.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.4	2.3	39.8	37.5	35.8
51	Lowell .....	59.9	60.9	58.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.1	3.0	20.8	20.8	19.5
52	New Bedford .....	58.7	57.1	54.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	1.8	1.9	24.8	23.6	21.9
53	Springfield—Chicopee—Holyoke .....	200.3	191.2	190.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.8	7.4	6.6	64.4	57.2	56.1
54	Worcester .....	134.2	131.9	128.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	4.9	4.9	42.1	39.4	38.1
55	MICHIGAN .....	3,278.2	3,151.3	3,122.2	14.0	14.5	14.4	139.5	109.1	109.1	1,092.4	995.2	986.2
56	Ann Arbor .....	105.9	105.8	104.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	1.7	1.8	31.0	30.8	30.9
57	Battle Creek .....	64.6	62.8	62.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.8	1.8	25.5	23.2	23.3
58	Bay City .....	32.3	31.6	31.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.0	.7	.7	10.0	10.3	10.3
59	Detroit .....	1,668.2	1,609.5	1,605.6	1.3	1.4	1.3	64.3	51.1	49.9	584.9	538.2	539.5
60	Flint .....	168.9	175.0	173.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.5	4.9	4.8	72.3	72.3	71.5

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			
July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	
26.1	25.7	26.1	83.6	84.5	84.8	23.4	23.3	23.4	72.7	71.6	72.1	80.4	83.6	82.7	1
22.2	21.8	22.0	71.3	72.0	72.3	21.3	21.1	21.2	60.7	59.2	59.8	70.1	72.6	71.1	2
16.9	17.2	17.2	63.8	70.0	69.1	11.1	11.4	11.5	42.7	46.4	47.1	61.8	65.4	65.2	3
3.8	3.8	3.8	14.8	15.0	15.0	3.9	3.9	4.0	9.2	9.2	9.3	14.7	16.0	15.9	4
290.7	282.1	279.8	969.5	964.7	957.2	254.1	253.7	254.4	745.5	753.2	757.0	634.3	666.2	655.9	5
3.2	3.1	3.1	10.0	10.0	10.2	6.0	6.2	6.2	7.4	7.4	7.4	7.5	8.1	7.6	6
2.7	2.7	(*)	12.3	12.0	(*)	1.7	1.8	(*)	8.7	9.0	(*)	23.2	24.4	(*)	7
207.6	201.7	201.4	671.4	665.6	657.8	199.1	198.0	198.8	543.3	544.9	547.6	389.0	401.2	398.7	8
222.2	214.2	(*)	713.2	704.0	(*)	206.3	203.9	(*)	571.5	567.6	(*)	420.1	425.1	(*)	9
8.0	7.9	(*)	33.3	34.1	(*)	5.9	6.1	(*)	20.3	20.9	(*)	22.4	23.5	(*)	10
4.3	4.2	4.2	10.0	9.7	9.6	2.1	2.2	2.2	8.6	8.3	8.3	4.0	4.5	4.5	11
7.7	7.5	(*)	28.8	29.5	(*)	6.0	5.9	(*)	20.5	21.3	(*)	15.4	15.6	(*)	12
4.1	3.8	3.8	22.3	22.9	22.7	3.5	3.5	3.5	15.1	15.7	15.5	9.1	10.9	9.9	13
4.3	4.2	(*)	14.9	14.7	(*)	6.0	6.2	(*)	13.7	14.7	(*)	23.6	24.6	(*)	14
107.0	102.5	102.6	420.3	416.1	413.9	89.4	87.8	87.8	270.1	274.5	274.8	295.4	306.2	305.6	15
6.1	6.0	6.0	23.8	23.5	23.7	3.7	3.7	3.7	18.5	18.4	18.8	11.2	11.5	12.0	16
10.8	10.3	10.3	35.7	34.7	34.4	8.5	8.7	8.7	21.8	22.5	22.3	14.6	17.0	16.1	17
14.6	15.0	15.1	41.8	41.9	42.1	7.2	7.3	7.3	28.1	29.4	30.1	31.1	31.1	32.5	18
29.2	27.9	27.8	106.9	104.0	103.9	33.1	32.5	32.6	67.2	66.9	66.4	74.5	84.4	82.9	19
2.2	2.1	2.1	10.3	10.3	10.2	1.5	1.5	1.5	6.6	6.6	6.6	7.5	9.3	8.3	20
5.3	4.9	4.9	23.5	23.0	22.9	6.1	6.0	6.0	20.3	20.5	20.7	11.0	11.9	12.0	21
4.2	4.0	4.0	13.5	13.5	13.6	1.8	1.8	1.8	8.0	8.4	8.4	9.2	10.0	9.4	22
56.6	55.8	55.6	242.6	253.4	252.1	47.8	48.1	48.3	169.4	175.5	175.4	177.7	189.2	178.0	23
3.7	3.8	3.8	15.1	15.6	15.4	3.4	3.6	3.5	11.6	12.5	12.6	8.9	8.7	8.7	24
11.0	10.5	10.5	36.2	36.9	36.9	17.5	17.6	17.6	30.1	31.3	31.6	23.8	25.6	25.6	25
1.8	1.7	1.7	7.8	7.5	7.6	1.1	1.1	1.1	7.0	8.1	8.1	3.8	3.6	3.6	26
3.5	3.8	3.7	12.1	11.9	11.8	2.4	2.5	2.5	9.1	9.8	9.4	5.5	5.9	5.6	27
2.5	2.5	2.5	12.2	12.2	12.2	1.6	1.8	1.8	8.6	9.0	9.0	8.5	8.7	8.0	28
56.7	54.4	54.4	183.5	178.8	180.1	37.1	37.4	37.6	126.2	134.1	133.3	155.0	170.6	162.5	29
7.6	7.0	7.0	15.7	15.6	15.6	5.0	5.0	5.0	12.7	13.0	13.0	17.8	19.8	19.2	30
8.8	8.4	8.5	36.5	36.0	36.2	8.3	8.2	8.3	29.6	30.6	30.6	21.5	21.4	21.5	31
62.8	61.2	61.3	218.3	216.0	214.5	42.6	43.7	43.6	165.1	168.2	168.5	196.5	211.9	211.2	32
6.3	6.4	6.5	24.6	25.0	25.6	5.5	5.4	5.6	17.7	18.2	17.5	28.7	28.9	28.9	33
23.4	22.0	22.0	80.7	78.8	78.4	20.2	20.8	20.8	60.2	62.8	63.7	50.7	49.4	54.5	34
99.2	98.1	97.5	271.1	275.0	275.7	58.3	58.9	58.9	190.7	191.2	189.7	233.3	239.1	237.6	35
8.2	8.5	7.7	29.5	29.4	29.5	8.2	8.4	8.2	21.3	21.3	21.5	45.1	46.8	47.3	36
2.9	2.9	2.6	10.5	10.5	10.6	2.0	2.0	2.0	7.4	7.4	7.1	7.7	8.2	8.2	37
2.7	2.6	2.6	11.4	11.1	11.1	2.9	3.0	3.0	6.2	6.2	6.3	8.4	8.3	8.5	38
44.9	44.0	43.5	104.3	105.0	104.8	26.2	25.8	25.9	80.7	81.2	81.1	61.0	68.6	64.7	39
11.1	10.7	10.8	29.7	29.5	29.9	5.6	5.6	5.6	20.3	20.3	20.3	18.4	19.3	19.4	40
19.0	17.7	17.9	80.9	76.0	77.1	14.6	14.5	14.7	63.3	58.0	63.8	70.9	79.1	70.6	41
1.1	1.1	1.1	6.9	6.9	6.7	1.3	1.3	1.3	5.3	5.2	5.4	2.5	2.8	2.6	42
5.1	5.0	5.1	18.8	17.6	18.0	6.0	6.1	6.1	14.0	13.9	13.8	9.7	11.0	10.4	43
81.4	80.3	79.4	347.2	349.1	348.8	80.6	79.5	79.8	283.5	286.2	287.1	278.9	302.6	293.4	44
56.1	54.5	54.3	190.3	189.2	188.6	48.8	47.6	47.9	155.7	156.9	157.2	174.0	186.0	182.7	45
122.5	118.9	115.6	530.1	537.9	534.4	137.2	137.6	137.4	508.4	529.0	528.2	343.4	361.3	354.6	46
73.1	69.0	68.3	291.9	291.2	286.7	98.1	99.3	99.3	313.4	328.7	325.6	182.3	185.2	188.4	47
4.4	4.6	4.4	16.6	17.3	17.1	1.9	1.9	1.9	9.3	9.9	9.7	9.9	10.1	10.1	48
2.1	1.9	1.9	8.8	8.5	8.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.2	11.1	11.1	5.2	5.5	5.4	49
3.4	3.5	3.2	17.1	17.2	17.1	3.2	3.2	3.2	14.7	14.6	15.1	13.2	13.6	13.2	50
2.3	2.4	2.2	13.0	13.1	13.0	1.9	1.9	1.9	9.3	9.5	9.4	9.4	10.1	9.9	51
2.8	3.1	2.7	11.4	10.4	10.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.8	11.2	10.9	6.9	7.0	7.1	52
9.0	9.2	8.6	44.5	41.8	42.9	10.6	10.8	10.9	33.7	34.4	33.9	30.3	30.1	31.0	53
7.3	5.9	5.8	27.5	27.7	26.9	8.0	7.9	7.9	23.8	24.8	24.3	20.6	21.3	20.9	54
156.8	149.3	148.7	667.4	656.0	651.2	132.1	129.8	130.3	527.1	526.6	526.1	548.9	570.8	556.2	55
2.9	2.6	2.6	15.8	16.3	16.0	3.3	3.2	3.2	15.6	15.9	15.9	35.0	35.3	34.0	56
2.4	2.4	2.4	9.8	10.0	10.0	3.9	3.8	3.8	9.3	9.6	9.6	11.8	12.0	12.0	57
2.3	2.1	2.1	7.6	6.9	6.9	1.0	1.0	1.0	5.5	5.7	5.6	5.0	4.8	4.8	58
82.3	78.5	78.4	327.4	320.6	317.2	77.5	76.8	77.1	287.4	286.1	288.2	243.1	256.8	254.0	59
5.5	5.5	5.5	35.1	34.5	35.0	4.8	4.9	5.0	22.5	24.1	24.8	23.1	28.7	27.3	60

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>MICHIGAN—Continued</b>													
1	Grand Rapids .....	216.7	211.1	207.3	(1)	(1)	(1)	10.7	10.3	10.4	78.4	69.5	67.7
2	Jackson .....	52.5	49.8	49.7	(1)	(1)	(1)	1.9	1.8	1.8	17.9	15.0	15.0
3	Kalamazoo—Portage .....	93.2	91.6	92.2	(1)	(1)	(1)	4.2	4.2	4.5	33.4	31.1	30.8
4	Lansing—East Lansing .....	152.1	152.4	147.4	(1)	(1)	(1)	6.5	6.4	6.7	37.7	34.4	34.1
5	Muskegon—Muskegon Heights .....	56.3	54.7	53.9	(1)	(1)	(1)	2.4	2.0	2.1	22.7	20.9	20.2
6	Saginaw .....	79.0	76.2	75.6	(1)	(1)	(1)	2.6	2.4	2.3	31.0	29.8	29.7
7	<b>MINNESOTA</b> .....	1,499.3	1,476.9	1,453.1	15.1	15.1	15.0	77.1	63.3	62.6	349.3	317.0	318.8
8	Duluth—Superior .....	57.0	57.1	56.8	(1)	(1)	(1)	2.2	2.4	2.1	7.5	7.6	7.4
9	Minneapolis—St. Paul .....	899.5	881.7	861.8	(1)	(1)	(1)	43.0	30.3	27.4	224.8	203.8	202.5
10	<b>MISSISSIPPI</b> .....	699.2	669.0	672.2	6.5	6.6	6.5	48.4	37.5	35.3	225.3	200.7	201.9
11	Jackson .....	115.6	113.2	112.4	.8	.8	.8	8.8	5.9	4.2	18.1	16.8	16.8
12	<b>MISSOURI</b> .....	1,769.6	1,740.9	1,729.9	8.8	8.7	8.4	79.3	76.9	78.4	443.7	407.8	405.8
13	Kansas City .....	545.5	538.9	535.8	.6	.6	.7	27.0	24.3	24.8	113.5	107.7	107.1
14	St. Joseph .....	35.4	33.7	33.6	(2)	(2)	(2)	2.2	1.8	2.0	10.0	9.1	8.8
15	St. Louis .....	887.9	881.7	878.0	2.6	2.5	2.5	29.0	29.0	31.1	250.8	237.8	236.8
16	Springfield .....	67.4	70.6	69.6	.2	.2	.1	3.8	3.7	3.7	15.9	17.1	17.1
17	<b>MONTANA</b> .....	245.7	251.3	249.9	7.5	7.4	7.3	15.4	12.9	13.6	26.1	24.8	25.7
18	Billings .....	38.2	38.8	38.9	(1)	(1)	(1)	2.3	2.1	2.3	3.7	3.3	3.4
19	Great Falls .....	27.4	29.3	28.9	(1)	(1)	(1)	1.9	1.8	2.0	2.0	1.9	1.9
20	<b>NEBRASKA</b> .....	559.9	560.4	559.7	1.9	1.9	1.9	32.4	30.8	31.6	94.4	85.6	84.5
21	Lincoln .....	86.9	85.8	86.6	(-)	(-)	(-)	6.3	5.0	5.0	13.3	12.2	12.3
22	Omaha .....	239.0	239.7	237.8	(2)	(2)	(2)	11.3	10.4	10.5	39.3	34.6	33.7
23	<b>NEVADA</b> .....	263.3	276.2	279.8	4.2	4.2	4.2	13.7	17.1	17.2	12.5	12.3	12.3
24	Las Vegas .....	142.5	150.4	151.7	.2	.2	.2	7.0	9.4	9.3	5.1	5.1	5.1
25	Reno .....	72.6	75.9	77.2	.3	.3	.3	4.4	5.3	5.5	4.8	4.7	4.7
26	<b>NEW HAMPSHIRE</b> .....	318.8	305.4	312.7	.4	.4	.4	19.1	17.4	17.8	93.0	85.6	83.5
27	Manchester .....	51.5	51.3	50.5	(1)	(1)	(1)	2.8	3.1	3.2	15.4	14.0	13.4
28	<b>NEW JERSEY</b> .....	2,824.2	2,678.7	2,682.0	3.2	2.9	2.8	129.2	88.1	90.6	824.7	731.4	713.7
29	Atlantic City .....	74.9	71.6	74.6	-	-	-	3.5	2.8	2.2	10.7	10.2	9.6
30	Camden <sup>6</sup> .....	292.5	287.6	278.0	.2	.2	.2	19.6	14.1	14.9	68.6	61.3	59.9
31	Hackensack <sup>7</sup> .....	354.0	343.8	337.2	(1)	(1)	(1)	15.8	12.1	12.1	110.3	99.8	97.2
32	Jersey City <sup>7</sup> .....	242.0	232.4	227.0	(-)	(-)	(-)	5.3	4.8	4.7	86.7	80.2	76.8
33	Long Branch—Asbury Park .....	144.8	143.0	142.7	(1)	(1)	(1)	8.3	4.9	5.3	24.2	23.2	23.3
34	Newark <sup>7</sup> .....	875.4	836.7	829.6	1.2	1.1	1.1	36.8	27.9	28.1	257.4	227.4	225.3
35	New Bruns.—Perth Amboy—Sayreville <sup>7</sup> .....	251.8	244.4	242.8	(1)	(1)	(1)	11.5	9.9	10.0	94.0	80.2	79.0
36	Paterson—Clifton—Passaic <sup>7</sup> .....	187.5	177.0	172.9	(1)	(1)	(1)	7.2	5.0	5.5	73.1	66.4	64.7
37	Trenton .....	149.3	147.3	146.1	(1)	(1)	(1)	3.7	3.7	3.9	39.8	36.1	35.5
38	Vineland—Millville—Bridgeton .....	53.8	49.7	48.7	(1)	(1)	(1)	2.1	1.9	1.9	20.8	16.7	16.6
39	<b>NEW MEXICO</b> .....	361.5	373.5	373.6	18.9	20.1	20.0	25.9	26.1	26.0	29.5	27.4	27.3
40	Albuquerque .....	144.8	146.2	147.1	(1)	(1)	(1)	11.3	10.6	10.5	15.7	14.6	14.8
41	<b>NEW YORK</b> .....	7,132.9	6,946.6	6,878.0	8.0	7.5	7.5	284.7	238.8	226.5	1,572.9	1,455.6	1,423.1
42	Albany—Schenectady—Troy .....	311.5	307.8	306.7	(1)	(1)	(1)	15.5	13.7	14.2	65.7	60.2	59.0
43	Binghamton .....	104.6	102.1	100.2	(1)	(1)	(1)	3.9	3.3	3.4	40.9	37.5	36.6
44	Buffalo .....	496.9	479.1	478.2	(1)	(1)	(1)	20.3	15.0	17.0	155.2	139.2	137.0
45	Elmira .....	39.1	38.1	37.7	(1)	(1)	(1)	2.9	1.9	2.0	13.7	12.4	12.6
46	Monroe County <sup>8</sup> .....	326.8	320.9	315.3	(1)	(1)	(1)	14.7	10.5	10.7	137.4	127.0	125.2
47	Nassau—Suffolk <sup>9</sup> .....	812.4	819.5	804.7	(1)	(1)	(1)	44.9	38.3	35.7	151.6	144.8	142.5
48	New York—Northeastern New Jersey .....	6,583.5	6,416.2	(*)	3.4	3.2	(*)	248.7	205.2	(*)	449.8	1,347.6	(*)
49	New York and Nassau—Suffolk <sup>7</sup> .....	4,672.2	4,582.5	4,534.6	2.1	1.9	1.9	172.2	145.6	128.9	828.4	793.2	771.7
50	New York SMSA <sup>9</sup> .....	3,859.9	3,763.0	3,729.9	2.0	1.8	1.8	127.2	107.3	93.2	676.7	648.4	629.3
51	New York City <sup>10</sup> .....	3,464.9	3,373.1	3,342.2	1.5	1.5	1.5	104.5	88.7	76.1	595.3	570.4	551.3
52	Poughkeepsie .....	88.6	87.3	85.6	(1)	(1)	(1)	3.9	3.2	3.3	30.7	28.6	27.7
53	Rochester .....	395.1	389.8	382.7	(1)	(1)	(1)	17.9	13.1	13.2	156.5	143.3	142.5
54	Rockland County <sup>10</sup> .....	74.5	74.4	74.7	(1)	(1)	(1)	3.5	3.4	3.0	15.1	14.8	14.8
55	Syracuse .....	241.5	231.4	228.9	(1)	(1)	(1)	14.1	10.3	10.7	61.9	52.0	50.8
56	Utica—Rome .....	113.7	111.4	109.7	(1)	(1)	(1)	4.6	4.2	4.4	35.4	31.9	31.7
57	Westchester County <sup>10</sup> .....	309.1	304.1	301.6	(1)	(1)	(1)	17.9	13.7	12.6	65.2	62.3	62.2
58	<b>NORTH CAROLINA</b> .....	2,035.7	1,992.8	1,960.1	4.3	3.9	3.9	126.3	117.9	118.1	796.8	730.2	725.5
59	Asheville .....	65.8	60.8	61.7	(1)	(1)	(1)	4.1	3.6	3.8	23.1	17.9	17.7
60	Charlotte—Gastonia .....	278.8	272.4	270.4	(1)	(1)	(1)	17.6	16.7	16.7	86.8	78.5	78.3

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			
July 1974	June 1975	July 1975P	July 1974	June 1975	July 1975P	July 1974	June 1975	July 1975P	July 1974	June 1975	July 1975P	July 1974	June 1975	July 1975P	
10.1	10.0	10.0	48.9	50.4	48.8	8.3	8.3	8.3	36.9	37.7	37.5	23.6	25.0	24.6	1
4.4	4.3	4.3	9.6	9.6	9.6	1.5	1.5	1.5	8.4	8.6	8.6	8.9	9.0	8.9	2
3.1	2.9	3.0	18.1	18.4	18.5	3.2	3.1	3.2	15.3	15.6	15.7	15.9	16.2	16.5	3
3.7	3.6	3.6	28.7	28.3	28.0	7.1	7.2	7.2	20.9	21.4	20.8	47.4	51.1	47.0	4
3.0	2.8	2.9	10.7	10.6	10.5	1.6	1.6	1.6	8.0	8.1	8.1	8.2	8.8	8.7	5
4.0	3.9	3.9	15.5	14.6	14.7	3.3	3.2	3.2	12.3	11.5	11.5	10.2	10.7	10.3	6
93.3	90.3	90.1	365.4	366.5	358.7	73.6	72.9	72.9	270.2	274.0	274.8	255.4	277.8	260.2	7
7.3	7.6	7.5	14.4	14.2	14.1	2.0	2.0	2.0	12.3	11.9	11.9	11.2	11.5	11.8	8
60.7	58.5	58.8	220.5	219.9	214.8	55.7	55.9	56.1	168.9	175.0	175.2	126.0	138.2	127.0	9
36.2	35.5	35.6	134.8	134.3	135.0	27.6	27.9	28.0	86.8	87.2	87.3	133.7	139.1	142.6	10
7.8	7.7	7.7	27.3	27.5	27.4	9.2	9.4	9.4	19.9	20.1	20.2	23.8	25.0	25.8	11
127.1	121.7	121.4	412.8	403.7	404.0	98.8	98.8	99.5	301.0	307.2	305.6	298.1	316.1	306.8	12
52.1	48.5	48.6	138.5	134.6	135.2	36.5	36.9	36.9	100.6	102.9	103.3	76.7	83.4	79.2	13
2.2	2.2	2.2	8.6	8.3	8.3	1.6	1.7	1.7	5.7	5.6	5.7	5.1	5.0	4.9	14
65.2	63.8	63.9	199.7	197.5	198.7	49.2	49.9	50.1	167.3	171.6	170.4	124.1	129.6	124.5	15
5.5	5.2	5.2	18.7	18.6	18.6	2.8	2.8	2.8	12.4	13.0	12.8	8.1	10.0	9.3	16
20.5	19.4	19.8	62.5	63.5	63.8	10.6	10.6	10.7	46.2	47.3	48.2	56.9	65.4	60.8	17
3.8	3.6	3.5	12.1	12.5	12.6	2.0	1.9	2.0	8.1	8.1	8.2	6.2	7.3	6.9	18
2.5	2.6	2.6	8.1	8.7	8.7	1.9	2.0	2.0	5.4	6.1	6.0	5.6	6.2	5.7	19
41.5	39.6	39.6	142.8	142.9	142.1	34.0	35.0	35.3	99.4	99.9	99.8	113.4	124.8	125.0	20
5.8	5.5	5.6	18.1	18.2	18.1	6.0	6.0	6.1	14.3	14.4	14.3	23.0	24.6	25.3	21
22.5	21.4	21.6	59.9	60.6	59.7	19.5	20.2	20.2	48.8	49.7	49.7	37.6	42.8	42.4	22
17.2	16.9	17.1	52.4	54.1	54.6	10.9	11.2	11.3	110.0	115.3	118.3	42.4	45.1	44.8	23
8.9	8.8	8.8	28.0	28.6	28.9	5.7	6.0	6.0	68.5	72.5	73.5	19.1	19.8	19.9	24
5.9	5.7	5.8	16.5	17.2	17.2	3.9	3.9	4.0	25.6	26.4	27.4	11.2	12.4	12.3	25
12.5	12.6	12.2	66.4	65.8	66.9	14.9	15.3	15.6	67.0	61.2	69.2	45.5	47.1	47.1	26
3.7	3.7	3.7	11.6	11.9	11.8	3.7	3.8	3.8	9.5	9.8	9.7	4.8	5.0	4.9	27
184.0	171.9	169.5	620.5	600.1	598.8	140.3	138.4	139.3	492.9	481.7	481.9	429.4	464.2	485.4	28
3.8	3.6	3.6	22.2	20.9	22.0	3.8	4.2	4.3	18.3	17.2	20.1	12.6	12.7	12.8	29
15.9	16.1	15.9	73.3	73.6	72.5	14.4	14.5	14.6	51.3	52.6	52.0	49.2	55.2	48.0	30
18.1	18.2	17.8	97.7	95.9	94.1	15.0	15.5	15.4	61.1	61.8	61.8	36.6	40.5	38.8	31
33.3	31.4	31.2	42.8	42.6	41.8	8.8	8.8	8.8	28.6	27.1	26.4	36.5	37.5	37.3	32
5.8	5.9	5.7	36.9	36.8	37.8	5.5	5.7	5.8	33.5	34.3	34.6	30.6	32.2	30.2	33
66.2	65.0	64.8	167.0	163.5	158.5	61.1	59.6	59.7	161.6	159.8	158.8	124.1	132.4	133.3	34
17.8	17.1	16.8	52.2	54.2	54.2	7.2	7.4	7.5	30.0	32.2	32.6	39.1	43.4	42.7	35
7.2	6.0	5.7	42.8	42.6	41.6	8.9	8.3	8.4	27.8	26.1	25.9	20.5	22.6	21.1	36
5.3	5.1	4.9	22.1	22.5	22.1	6.1	6.3	6.3	34.9	35.4	35.0	37.4	38.2	38.4	37
3.7	3.2	3.2	8.9	8.3	8.2	2.5	2.5	2.5	7.1	7.3	7.0	8.7	9.8	9.3	38
22.6	22.0	22.1	81.2	84.2	84.7	16.6	16.8	16.8	68.8	72.3	73.7	98.0	104.6	103.0	39
8.4	8.2	8.3	35.2	36.3	36.6	8.5	8.5	8.5	32.4	33.1	33.3	33.3	34.9	35.1	40
458.0	448.3	442.1	1,446.9	1,433.7	1,415.4	594.7	588.4	591.3	1,479.1	1,461.3	1,468.4	1,288.6	1,313.1	1,303.6	41
16.3	15.3	14.6	62.4	61.9	61.2	13.9	13.5	13.6	57.6	58.3	58.9	80.1	85.0	85.2	42
4.5	4.3	4.2	19.5	19.3	18.8	3.4	3.6	3.6	13.8	13.1	13.1	18.6	21.0	20.4	43
29.1	27.1	26.6	107.9	106.0	105.9	20.6	19.6	19.8	85.0	86.2	85.5	78.9	86.1	86.5	44
1.6	1.5	1.5	8.2	8.2	8.1	1.1	1.1	1.1	6.4	6.3	6.1	5.3	6.7	6.3	45
11.4	11.3	11.0	56.0	57.7	56.9	13.7	14.2	14.4	60.4	61.1	62.6	33.3	38.9	34.5	46
33.8	35.3	33.3	213.9	222.3	216.6	44.4	43.8	43.9	168.0	167	173.8	155.7	167.5	159.0	47
481.9	475.0	(*)	1,363.6	1,355.8	(*)	596.1	591.5	(*)	1,354.8	1,349.1	(*)	1,085.2	1,088.4	(*)	48
339.5	337.3	333.5	961.1	956.6	938.6	495.0	491.9	493.7	1,045.6	1,042.8	1,044.0	828.4	813.2	822.2	49
305.7	302.0	300.2	747.2	734.3	722.1	450.6	448.1	449.8	877.7	875.4	870.3	672.7	645.7	663.2	50
283.4	279.2	277.8	660.8	648.5	637.2	431.1	428.2	429.5	785.5	783.7	776.4	602.8	573.0	592.3	51
2.8	2.7	2.7	14.2	13.9	13.9	2.7	2.8	2.8	15.0	15.0	15.5	19.3	21.1	19.5	52
14.2	13.7	13.4	71.0	74.0	73.2	15.3	15.8	16.0	70.5	71.4	72.5	49.8	58.6	51.8	53
3.9	3.9	3.7	14.7	14.8	14.8	2.7	2.8	2.9	16.3	16.0	16.8	18.3	18.7	18.7	54
14.9	13.8	14.0	51.5	51.7	51.3	14.6	14.5	14.8	42.7	42.5	42.7	41.8	46.6	44.7	55
4.4	4.3	4.2	19.9	19.8	19.7	5.2	5.0	5.0	17.3	17.4	17.7	26.9	28.8	26.9	56
17.8	18.3	18.1	69.1	68.3	67.4	16.5	16.8	17.0	73.7	73.7	74.8	49.0	51.0	49.4	57
105.1	99.4	99.6	374.8	370.7	370.9	88.3	86.9	87.0	269.7	263.3	269.9	270.4	320.5	285.2	58
3.3	3.2	3.3	13.1	12.8	12.9	2.4	2.7	2.5	11.9	11.2	11.5	7.9	9.4	10.0	59
25.4	23.2	23.2	65.7	64.4	64.7	18.4	17.1	18.0	37.0	37.6	37.2	27.9	33.9	32.3	60

**ESTABLISHMENT DATA**  
**STATE AND AREA EMPLOYMENT**

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**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		
		July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>NORTH CAROLINA—Continued</b>													
1	Greensboro—Winston-Salem—High Point	339.5	325.1	320.7	(1)	(1)	(1)	18.5	15.6	15.6	144.6	131.5	131.7
2	Raleigh—Durham	211.0	211.1	208.1	(1)	(1)	(1)	14.2	12.7	12.4	37.4	34.6	34.6
<b>NORTH DAKOTA</b>													
3	Fargo—Moorhead	194.0	200.0	199.3	1.9	1.9	2.0	15.7	13.5	14.6	14.2	15.6	15.6
4		49.2	50.6	50.3	.1	.2	.2	3.7	3.2	3.3	4.0	3.9	4.0
<b>OHIO</b>													
5		4,198.2	4,133.4	4,081.6	25.3	27.5	27.9	182.6	171.1	175.7	1,423.0	1,262.2	1,251.4
6	Akron	259.8	256.2	252.7	.3	.3	.3	9.0	8.4	8.7	93.5	83.5	83.4
7	Canton	157.4	152.4	153.2	.7	.6	.7	6.4	6.0	6.3	64.3	56.7	56.8
8	Cincinnati	550.1	553.0	551.3	.5	.5	.5	26.1	25.1	25.8	168.1	156.8	156.2
9	Cleveland	884.5	871.3	864.2	1.4	1.4	1.4	33.7	32.4	32.7	286.4	255.4	254.2
10	Columbus	462.0	458.7	452.9	1.0	1.0	1.0	22.6	20.4	21.2	105.0	90.9	90.0
11	Dayton	329.5	328.7	318.9	.5	.5	.5	14.0	12.6	11.9	111.2	101.1	99.3
12	Toledo	285.4	284.4	278.3	.6	.7	.7	14.0	14.1	14.4	91.3	81.7	82.1
13	Youngstown—Warren	217.4	208.1	205.3	.3	.3	.3	8.6	7.0	7.7	92.3	81.0	79.7
<b>OKLAHOMA</b>													
14		879.7	885.5	882.4	39.2	40.4	40.8	49.6	42.9	43.8	157.6	148.1	147.9
15	Oklahoma City	310.2	309.5	307.4	8.0	8.6	8.6	18.3	16.7	17.1	42.8	38.9	38.4
16	Tulsa	222.8	222.7	222.8	13.6	13.5	13.5	15.3	13.2	13.2	51.6	50.6	50.4
<b>OREGON</b>													
17		850.6	847.7	829.3	2.1	1.7	1.7	43.9	34.4	35.7	207.3	186.2	185.5
18	Eugene—Springfield	83.3	85.7	82.9	(1)	(1)	(1)	4.3	3.8	4.0	22.0	19.1	19.3
19	Jackson County	-	-	-	-	-	-	-	-	-	7.7	7.0	7.1
20	Portland	448.8	440.9	428.5	(1)	(1)	(1)	22.9	17.1	17.6	102.7	90.8	87.1
21	Salem	68.8	68.1	68.7	(1)	(1)	(1)	4.1	3.4	3.7	13.3	10.8	13.0
<b>PENNSYLVANIA</b>													
22		4,544.5	4,405.7	4,364.3	43.0	46.2	46.2	227.6	187.0	199.8	1,474.8	1,348.6	1,337.9
23	Allentown—Bethlehem—Easton	256.3	248.7	247.4	.7	.7	.8	12.4	11.8	12.4	115.6	109.8	108.4
24	Altoona	51.6	50.5	49.0	(1)	(1)	(1)	2.5	2.0	2.0	14.5	13.5	13.3
25	Delaware Valley	1,555.8	1,509.3	1,496.8	1.2	1.2	1.2	75.0	62.1	65.0	438.6	402.3	399.6
26	Erie	111.9	109.5	108.1	(1)	(1)	(1)	4.3	4.4	4.6	48.8	45.5	44.0
27	Harrisburg	205.8	202.0	200.5	(1)	(1)	(1)	11.5	10.0	10.4	42.0	37.8	37.9
28	Johnstown	85.0	86.1	86.1	7.1	8.1	8.2	3.0	2.6	2.7	25.0	23.2	23.3
29	Lancaster	137.3	133.4	132.4	(1)	(1)	(1)	8.5	7.0	7.2	58.1	53.5	53.4
30	Northeast Pennsylvania	242.3	231.5	230.8	1.4	1.4	1.4	14.1	10.3	12.1	82.0	77.2	75.9
31	Philadelphia SMSA	1,848.1	1,796.7	1,777.5	1.4	1.4	1.4	94.6	76.2	79.9	507.1	463.4	459.2
32	Philadelphia City	842.9	819.8	817.8	-	-	-	24.8	22.0	23.0	192.8	176.6	176.5
33	Pittsburgh	904.2	892.9	886.0	11.5	13.3	13.3	45.5	39.1	40.6	271.2	249.8	248.8
34	Reading	130.6	126.5	125.1	-	-	-	5.6	4.5	4.8	52.4	47.9	46.8
35	Scranton	87.1	83.7	83.3	.3	.3	.3	3.4	2.9	3.3	30.0	28.0	27.3
36	Wilkes-Barre—Hazleton	129.1	124.7	124.8	1.0	1.1	1.1	8.8	6.1	7.5	47.1	44.6	43.9
37	Williamsport	46.6	46.2	44.9	(1)	(1)	(1)	2.3	1.7	1.7	19.2	18.3	17.6
38	York	138.9	131.9	128.4	(1)	(1)	(1)	7.9	6.5	6.9	60.8	54.8	53.8
<b>RHODE ISLAND</b>													
39		369.7	356.0	352.6	(1)	(1)	(1)	14.9	11.8	11.9	122.1	115.7	112.2
40	Providence—Warwick—Pawtucket	387.6	371.7	368.2	(1)	(1)	(1)	16.0	12.7	12.8	140.4	130.5	126.8
<b>SOUTH CAROLINA</b>													
41		1,037.0	989.5	994.2	2.0	1.9	1.9	82.9	72.9	72.6	378.7	339.2	341.1
42	Charleston	115.6	115.8	115.7	(1)	(1)	(1)	8.8	9.6	9.6	15.9	15.1	14.2
43	Columbia	143.8	140.1	141.1	(1)	(1)	(1)	10.6	8.4	8.4	24.6	21.8	21.7
44	Greenville—Spartanburg	235.5	227.2	225.4	(1)	(1)	(1)	19.4	19.1	19.4	102.7	92.9	91.8
<b>SOUTH DAKOTA</b>													
45		210.9	214.1	214.3	2.7	2.5	2.6	12.5	10.3	10.7	21.2	20.1	19.9
46	Rapid City	23.9	24.2	24.6	.2	.2	.2	2.0	1.9	1.9	2.2	2.1	2.1
47	Sioux Falls	43.0	44.0	44.8	(1)	(1)	(1)	2.5	2.3	2.8	7.0	6.5	6.5
<b>TENNESSEE</b>													
48		1,583.0	1,536.9	1,535.1	8.3	9.2	9.2	91.4	86.1	88.9	523.7	471.8	469.8
49	Chattanooga	161.2	153.1	152.5	.8	.7	.8	7.8	6.5	6.6	61.7	56.1	56.9
50	Knoxville	177.1	174.9	176.1	1.8	1.8	1.8	11.3	10.0	10.3	51.4	48.7	49.1
51	Memphis	335.1	317.2	317.6	.3	.2	.2	15.4	15.8	15.9	64.2	55.6	55.5
52	Nashville—Davidson	309.4	303.3	303.9	(1)	(1)	(1)	21.9	20.0	20.3	82.3	77.5	77.0
<b>TEXAS</b>													
53		4,382.1	4,407.5	4,410.0	123.2	131.0	132.0	304.0	280.9	279.6	841.8	799.9	798.8
54	Amarillo	59.1	61.4	61.3	(1)	(1)	(1)	4.0	4.5	4.0	6.5	6.9	7.3
55	Austin	160.4	167.3	164.9	(1)	(1)	(1)	11.4	11.4	11.5	15.3	14.4	14.3
56	Beaumont—Port Arthur—Orange	127.1	122.4	124.2	(1)	(1)	(1)	10.3	5.4	8.5	41.9	41.6	41.9
57	Corpus Christi	99.0	96.9	97.1	3.4	3.6	3.5	9.0	8.0	8.0	12.0	11.4	11.4
58	Dallas—Fort Worth	1,094.3	1,072.4	1,068.7	11.5	12.1	12.3	60.2	43.2	43.2	250.7	236.6	236.1
59	El Paso	127.5	125.1	125.8	(1)	(1)	(1)	8.8	7.4	7.4	29.7	28.3	28.7

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			
July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	
20.5	18.8	19.0	61.6	59.4	59.5	15.7	15.5	15.6	43.8	43.6	43.8	34.8	40.7	35.5	1
10.7	10.4	10.5	40.5	40.8	40.7	14.4	14.1	14.3	40.2	39.5	39.9	53.6	59.0	55.7	2
13.1	13.2	13.3	54.4	55.5	55.8	8.3	8.9	8.9	37.1	39.4	39.2	49.3	52.1	50.1	3
3.6	3.5	3.5	15.4	15.8	15.9	2.8	2.9	2.9	10.2	10.7	10.8	9.5	10.4	9.9	4
232.5	227.5	227.7	882.0	900.5	899.5	180.9	182.1	183.2	688.3	719.9	717.9	583.6	642.5	598.4	5
16.0	15.2	15.2	53.8	54.3	54.4	8.6	8.6	8.6	42.3	43.4	43.3	36.3	42.6	38.8	6
7.9	7.8	7.9	31.9	32.4	32.5	5.8	5.9	6.0	24.7	26.0	25.9	15.6	17.0	17.2	7
33.7	33.8	33.8	119.7	121.8	121.5	28.6	28.9	29.1	100.3	107.5	107.9	73.1	78.6	76.5	8
50.4	49.2	49.2	200.1	204.3	204.2	45.1	44.3	44.9	157.1	164.2	163.0	110.3	120.1	114.6	9
23.5	23.1	23.2	104.2	106.9	106.3	32.3	31.8	32.3	84.9	89.3	89.8	88.5	95.3	89.2	10
12.5	12.6	12.5	66.2	67.1	66.7	11.7	11.9	12.1	54.1	58.2	56.6	59.3	64.8	59.2	11
19.7	19.7	19.6	64.4	64.8	64.4	9.5	9.4	9.4	48.6	50.8	50.6	37.2	43.2	37.1	12
11.3	11.5	11.5	42.9	43.5	43.4	6.6	6.8	6.8	32.4	33.8	33.8	22.9	24.3	22.0	13
57.6	55.5	55.6	203.2	209.4	209.1	46.4	47.5	48.0	136.5	142.5	142.9	189.6	199.2	194.3	14
20.1	19.4	19.3	75.9	76.9	76.9	20.8	20.7	20.5	48.0	49.4	49.4	76.3	78.9	77.2	15
18.2	18.2	18.1	51.4	52.3	52.5	12.1	13.0	13.1	39.4	38.8	39.1	21.2	23.1	22.9	16
53.5	49.9	50.0	198.0	199.2	199.4	45.5	46.3	46.4	143.1	149.3	147.9	157.2	180.7	162.7	17
4.9	4.7	4.8	18.7	19.9	19.9	3.7	3.7	3.7	13.5	14.6	14.2	16.2	19.9	17.0	18
32.2	30.5	30.6	110.6	111.6	111.2	30.9	31.0	30.8	83.8	85.5	84.4	65.7	74.4	66.8	20
2.4	2.3	2.3	14.0	13.7	13.8	3.6	3.7	3.7	10.3	10.7	10.6	21.1	23.5	21.6	21
261.9	252.3	248.2	895.1	878.2	872.0	213.1	211.3	211.8	781.7	781.9	784.9	647.3	700.2	663.5	22
12.4	12.9	12.8	44.4	41.4	41.5	7.9	8.0	8.1	35.7	35.6	35.4	27.2	28.5	28.0	23
7.7	7.4	6.9	10.4	10.4	10.2	1.5	1.5	1.5	8.1	8.1	7.9	6.9	7.6	7.2	24
86.6	81.3	80.9	315.5	313.8	308.8	98.1	95.9	95.8	309.7	310.2	310.9	231.1	242.5	234.6	25
5.7	5.6	5.6	20.9	19.7	20.0	4.3	4.4	4.5	16.4	17.2	17.3	11.5	12.7	12.1	26
14.7	14.2	14.2	40.6	40.3	39.8	10.2	10.7	10.7	34.3	33.3	33.3	52.5	55.7	54.2	27
5.5	5.5	5.5	15.2	16.0	16.1	2.6	2.7	2.7	14.0	13.9	14.4	12.6	14.1	13.2	28
5.4	5.9	5.9	27.5	27.2	26.9	4.4	4.6	4.7	22.7	23.2	23.2	10.7	12.0	11.1	29
13.0	12.3	12.1	46.9	45.5	45.1	9.1	9.1	9.1	42.0	40.6	41.0	33.8	35.1	34.1	30
102.5	97.5	96.9	388.8	387.3	381.3	112.5	110.4	110.4	361.0	362.8	362.9	280.2	297.7	285.5	31
60.4	57.1	57.2	161.9	158.7	157.7	68.2	66.8	66.9	182.1	181.7	182.6	152.7	156.9	153.9	32
57.4	56.2	56.3	189.3	185.8	186.1	42.4	43.1	43.2	173.3	180.4	180.0	113.6	125.2	117.7	33
6.8	6.6	6.6	23.7	23.6	23.5	5.2	4.8	4.8	21.6	21.5	21.4	15.3	17.6	17.2	34
5.1	5.2	5.2	17.9	16.9	17.0	3.3	3.2	3.3	16.9	16.9	16.8	10.2	10.3	10.1	35
6.6	6.3	6.4	24.2	24.4	24.4	4.8	4.8	4.9	17.7	17.9	17.9	18.9	19.5	18.7	36
2.0	2.0	2.0	8.5	8.4	8.1	2.1	2.2	2.3	7.6	8.2	8.2	4.9	5.4	5.0	37
6.5	5.9	5.7	27.1	25.9	25.7	3.2	3.2	3.1	18.3	18.8	17.9	15.1	16.8	15.3	38
15.0	13.4	12.9	74.0	74.1	72.7	18.2	18.1	18.1	68.6	67.2	66.5	56.9	55.7	58.3	39
14.6	13.0	12.5	77.3	77.9	76.5	18.4	18.4	18.4	67.4	66.7	66.0	53.5	52.5	55.2	40
43.9	41.8	41.7	180.9	177.2	179.1	40.3	41.5	41.7	129.6	132.5	133.2	178.7	182.5	182.9	41
7.6	7.7	7.7	24.7	24.6	24.6	4.9	5.0	5.0	16.5	16.6	16.6	37.2	37.2	38.0	42
8.4	8.2	8.3	29.4	29.4	29.4	10.3	10.4	10.6	20.5	20.3	20.3	40.0	41.6	42.4	43
10.8	10.3	10.3	40.4	39.6	39.8	8.8	8.7	8.7	32.2	32.5	32.5	21.2	24.1	22.9	44
12.6	12.9	12.6	55.8	56.4	57.5	8.7	9.2	9.0	44.7	45.2	45.3	52.7	57.5	56.7	45
1.6	1.7	1.7	7.2	7.2	7.7	1.0	1.2	1.2	4.9	4.6	4.5	4.8	5.3	5.3	46
4.2	4.4	4.3	12.3	12.4	12.5	2.2	2.3	2.2	8.5	9.2	9.2	6.3	6.9	7.3	47
75.2	71.0	71.1	323.2	318.5	319.9	72.1	69.5	69.1	239.3	241.9	242.7	249.8	268.9	264.4	48
6.1	6.0	6.1	30.4	28.9	28.6	9.2	9.1	9.2	20.9	20.1	20.0	24.3	25.7	24.3	49
7.3	6.8	6.9	37.2	37.2	37.6	6.7	6.8	6.8	24.4	24.5	24.9	37.0	39.1	38.7	50
22.3	20.7	20.8	88.7	83.2	84.3	19.9	19.2	19.1	59.0	58.7	58.6	65.3	63.8	63.2	51
16.5	16.4	16.6	68.5	67.4	67.8	19.1	18.8	18.9	54.8	55.9	55.9	46.3	47.3	47.4	52
297.4	290.3	289.9	1,062.9	1,077.4	1,079.5	251.8	259.2	260.5	746.2	773.7	774.1	754.8	795.1	795.6	53
5.6	5.9	5.9	19.2	19.7	19.7	3.1	3.1	3.1	11.6	11.5	11.5	9.1	9.8	9.8	54
5.7	5.6	5.6	32.4	32.8	33.0	9.5	9.2	9.3	25.4	25.9	25.9	60.7	68.0	65.3	55
9.7	9.4	8.3	25.7	25.8	25.8	4.4	4.5	4.5	18.9	18.9	18.8	16.2	16.8	16.4	56
5.9	5.8	5.9	25.2	25.0	25.0	4.8	4.8	4.8	16.4	16.4	16.5	22.3	21.9	22.0	57
76.5	75.2	75.5	287.2	288.2	290.3	84.6	86.7	86.8	191.7	190.1	190.9	131.9	140.3	133.6	58
10.1	9.6	9.6	31.3	32.1	32.0	6.1	6.0	6.0	18.6	19.5	19.4	22.9	22.2	22.7	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		
		July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>TEXAS—Continued</b>													
1	Galveston—Texas City .....	59.0	62.0	62.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	4.3	4.0	11.8	11.9	11.9
2	Houston .....	960.3	997.4	1,000.3	40.2	43.8	44.2	90.1	91.0	94.4	175.1	175.0	174.8
3	Lubbock .....	71.9	70.6	70.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.5	3.9	11.7	9.4	9.4
4	San Antonio .....	313.3	306.8	305.9	1.8	1.9	1.9	22.2	21.1	21.3	41.2	37.2	37.3
5	Waco .....	56.6	55.0	55.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.2	3.3	13.8	12.0	12.4
6	Wichita Falls .....	44.0	44.6	44.4	2.0	2.1	2.1	2.9	2.6	2.4	7.0	6.8	6.7
7	<b>UTAH</b> .....	441.4	445.2	445.0	13.4	12.8	12.7	26.8	25.8	26.2	72.1	68.4	69.2
8	Salt Lake City—Ogden .....	319.8	321.9	321.7	6.5	6.0	6.0	18.9	18.1	18.5	48.5	46.7	47.0
9	<b>VERMONT</b> .....	162.6	157.6	158.0	.8	.8	.7	8.6	8.1	8.4	42.8	39.2	37.5
10	Burlington <sup>15</sup> .....	39.7	39.8	39.8	-	-	-	-	-	-	9.2	8.9	8.7
11	Springfield <sup>15</sup> .....	13.5	12.8	12.8	-	-	-	-	-	-	6.4	5.8	5.8
12	<b>VIRGINIA</b> <sup>16</sup> .....	1,801.2	1,772.6	1,758.6	17.8	18.2	18.3	139.5	117.7	121.3	398.6	365.4	362.6
13	Lynchburg .....	60.5	59.3	58.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.2	3.3	26.5	24.9	24.8
14	Newport News—Hampton .....	129.6	127.0	125.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.4	6.5	6.8	33.0	30.5	30.6
15	Norfolk—Virginia Beach—Portsmouth .....	250.8	244.1	248.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.4	17.0	18.5	29.6	26.1	26.2
16	Northern Virginia <sup>17</sup> .....	348.3	348.1	346.1	.4	.4	.4	29.6	26.1	26.3	12.1	11.5	11.4
17	Richmond .....	277.2	270.5	270.0	.4	.4	.4	19.1	16.8	17.4	53.2	48.4	48.2
18	Roanoke .....	97.4	93.7	92.8	.2	.2	.2	7.2	6.1	6.2	22.5	20.9	20.8
19	<b>WASHINGTON</b> .....	1,188.3	1,229.7	1,208.1	2.2	2.5	2.5	43.6	55.3	55.1	255.3	245.2	244.1
20	Seattle—Everett .....	556.6	578.7	568.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.0	24.8	25.0	130.8	125.4	124.5
21	Spokane .....	107.6	101.2	99.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	4.9	5.2	14.8	13.6	13.6
22	Tacoma .....	111.0	115.7	115.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	5.6	5.3	21.3	19.4	19.6
23	<b>WEST VIRGINIA</b> .....	577.3	572.2	577.2	55.7	58.1	58.0	34.1	31.4	31.8	133.3	120.6	118.6
24	Charleston .....	98.2	98.1	98.3	4.6	4.9	4.9	6.7	6.2	6.3	18.7	17.7	17.4
25	Huntington—Ashland .....	91.6	90.7	90.6	.6	.6	.6	4.4	4.3	4.3	28.9	27.9	27.3
26	Wheeling .....	60.9	60.0	59.7	5.7	5.7	5.7	2.0	1.7	1.8	15.4	14.2	13.5
27	<b>WISCONSIN</b> .....	1,720.5	1,708.0	1,700.8	3.2	2.9	2.9	74.2	64.6	63.4	554.3	502.9	510.2
28	Appleton—Oshkosh .....	109.8	107.3	106.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	4.9	5.0	44.9	40.0	40.0
29	Green Bay .....	65.3	66.6	66.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	2.9	2.6	20.1	19.3	20.5
30	Kenosha .....	40.9	43.2	40.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.4	1.5	18.0	19.1	16.7
31	La Crosse .....	34.2	34.2	34.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.0	.9	9.8	8.8	8.9
32	Madison .....	133.7	137.5	135.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.4	5.8	5.3	17.5	16.0	16.4
33	Milwaukee .....	620.9	610.2	603.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.6	20.9	20.3	214.9	195.4	194.2
34	Racine .....	60.7	63.0	62.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.7	1.6	26.2	26.9	26.7
35	<b>WYOMING</b> .....	141.1	144.5	144.5	16.1	17.6	18.0	16.7	16.6	17.0	8.5	7.9	8.2
36	Casper .....	23.1	24.6	24.2	4.1	4.5	4.6	1.9	2.3	2.2	1.6	1.8	1.8
37	Cheyenne .....	23.8	23.8	24.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.2	2.3	1.7	1.8	1.8

<sup>1</sup> Combined with services.  
<sup>2</sup> Combined with construction.  
<sup>3</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>4</sup> Area included in Chicago—Northwestern Indiana Standard Consolidated Area.  
<sup>5</sup> Data do not include Federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.  
<sup>6</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>7</sup> Area included in New York—Northeastern New Jersey Standard Consolidated Area.  
<sup>8</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>9</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>10</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>11</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>12</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.

<sup>13</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>14</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>15</sup> Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
<sup>16</sup> Federal employment in the Virginia sector of the Washington Standard Metropolitan Statistical Area is included in Virginia.  
<sup>17</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.  
<sup>\*</sup> Not available.  
<sup>P</sup> 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			
July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	
5.0	5.7	5.9	10.5	11.2	10.9	3.8	4.1	4.0	9.2	9.1	9.9	15.2	15.7	15.8	1
82.1	80.0	78.7	225.8	233.1	235.3	59.3	61.6	62.4	186.3	193.6	193.7	101.4	119.3	116.8	2
4.5	4.3	4.3	21.1	20.6	20.7	3.5	3.5	3.5	12.2	13.9	13.9	14.5	14.4	14.5	3
14.1	14.4	14.4	76.1	72.4	72.7	21.2	21.0	20.9	52.1	50.7	50.8	84.6	88.1	86.6	4
2.8	2.9	2.8	12.8	12.6	12.7	3.2	3.3	3.3	10.8	11.0	10.9	9.8	10.0	10.1	5
2.4	2.4	2.3	10.7	11.1	11.2	1.8	1.9	2.0	7.0	7.3	7.3	10.2	10.4	10.4	6
27.3	27.6	28.0	102.8	106.8	106.3	20.6	21.1	21.2	72.8	74.9	74.9	105.7	107.8	106.5	7
22.2	22.4	22.5	77.0	79.4	78.5	17.2	17.3	17.5	49.7	51.5	51.4	79.9	80.5	80.3	8
8.5	8.1	8.1	32.7	32.2	32.4	6.4	6.7	6.7	34.9	33.2	36.0	28.1	29.5	28.5	9
2.1	2.0	2.0	8.4	8.2	8.4	-	-	-	8.2	8.3	8.5	-	-	-	10
.9	.8	.8	1.8	1.9	1.9	-	-	-	2.1	2.0	2.0	-	-	-	11
109.1	104.7	105.6	363.4	364.5	364.9	90.5	86.5	86.5	291.5	295.3	299.2	390.8	420.3	400.2	12
2.6	2.4	2.4	9.8	9.8	9.7	2.9	3.0	3.0	7.7	8.4	8.4	7.2	7.6	7.2	13
4.9	4.9	4.8	23.2	22.6	22.7	4.4	4.1	4.2	21.1	22.6	22.4	34.6	35.8	34.4	14
17.2	16.6	17.0	59.7	58.4	59.2	12.5	12.2	12.2	44.5	43.2	46.5	64.9	70.6	68.6	15
28.7	27.3	27.5	79.1	79.7	79.7	23.4	22.5	22.6	74.6	77.5	77.7	100.4	103.1	100.5	16
18.3	17.5	17.6	62.9	60.0	60.2	22.5	22.5	22.4	45.2	46.4	46.4	55.6	58.5	57.4	17
11.0	10.6	10.4	22.0	21.2	21.2	5.2	5.2	5.3	16.8	16.5	16.5	12.5	13.0	12.2	18
76.3	72.8	73.1	276.9	279.3	281.4	66.3	66.9	67.3	213.3	221.1	222.0	254.4	286.6	262.6	19
41.0	40.3	40.2	128.3	133.8	133.6	39.3	39.6	39.9	99.6	104.2	103.8	100.6	110.6	101.1	20
8.1	7.5	7.6	30.1	27.6	28.0	6.4	6.2	6.3	25.4	21.6	21.6	17.2	19.8	17.3	21
6.1	6.1	6.4	25.8	26.9	27.1	6.1	5.8	5.8	21.0	23.0	23.0	28.7	28.9	28.0	22
41.3	40.2	40.1	110.8	112.9	113.0	18.1	18.6	18.6	79.3	79.8	79.7	104.6	110.7	117.3	23
9.4	9.1	9.1	22.2	22.6	22.6	4.3	4.3	4.3	15.7	15.8	15.8	16.5	17.5	17.9	24
8.7	8.6	8.6	18.6	18.7	18.7	3.4	3.4	3.4	12.6	12.6	12.5	14.4	14.5	15.2	25
3.9	3.8	3.8	13.7	13.7	13.8	2.6	2.6	2.6	11.0	11.5	11.5	6.6	6.8	7.0	26
84.9	82.5	79.7	381.2	394.6	394.0	73.2	73.8	73.9	286.6	300.9	302.8	262.9	285.6	273.9	27
4.1	4.4	4.2	21.2	21.8	21.8	4.2	4.2	4.2	16.2	17.2	17.0	14.1	14.9	14.4	28
5.1	5.3	5.1	15.9	16.1	16.1	2.0	2.1	2.1	10.6	11.3	11.2	8.0	9.5	8.8	29
1.4	1.4	1.4	7.6	7.8	7.8	.9	.9	.9	6.4	6.6	6.6	5.1	5.9	5.3	30
2.2	1.8	1.8	8.7	9.4	9.2	.8	.9	.9	6.8	7.1	7.1	4.6	5.3	5.1	31
5.3	5.3	5.2	27.9	29.4	29.2	8.7	9.4	9.2	22.4	23.7	23.8	44.5	48.3	46.9	32
32.1	30.6	29.5	134.3	138.1	136.5	32.5	32.2	32.3	112.1	116.9	117.2	71.3	76.0	73.9	33
2.0	2.1	2.0	11.8	12.1	12.0	1.7	1.7	1.7	9.5	9.8	9.8	7.7	8.8	8.5	34
12.1	12.2	12.2	29.3	30.4	30.6	4.4	4.9	4.9	23.5	21.4	22.0	30.5	33.5	31.6	35
1.9	1.9	1.9	5.5	5.5	5.4	.9	.9	.9	3.6	3.7	3.8	3.6	4.0	3.6	36
3.0	3.0	3.0	4.9	4.5	4.7	1.2	1.4	1.4	4.0	4.0	3.9	6.2	6.9	6.9	37





**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**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1974	Aug. 1974	June 1975	July 1975p	Aug. 1975p	July 1974	Aug. 1974	June 1975	July 1975p	Aug. 1975p
-	<b>TOTAL PRIVATE</b> . . . . .	\$156.56	\$158.05	\$163.35	\$164.98	\$166.99	\$4.22	\$4.26	\$4.50	\$4.52	\$4.55
-	<b>MINING</b> . . . . .	225.50	227.14	250.22	246.54	238.14	5.22	5.27	5.86	5.87	5.88
10	<b>METAL MINING</b> . . . . .	227.48	213.24	248.85	245.62	-	5.34	5.51	6.04	6.11	-
101	Iron ores . . . . .	246.25	229.22	272.50	266.64	-	5.46	5.55	6.25	6.23	-
102	Copper ores . . . . .	226.08	202.71	246.98	247.29	-	5.37	5.71	6.19	6.39	-
11,12	<b>COAL MINING</b> . . . . .	248.62	259.16	291.62	283.77	-	(*)	6.20	7.13	(*)	-
12	Bituminous coal and lignite mining . . . . .	250.85	260.83	291.31	283.86	-	(*)	6.24	7.14	(*)	-
13	<b>OIL AND GAS EXTRACTION</b> . . . . .	216.67	216.14	234.08	230.26	-	4.88	4.89	5.32	5.33	-
131,2	Crude petroleum and natural gas fields . . . . .	228.90	222.44	246.24	234.99	-	5.45	5.36	6.05	6.01	-
138	Oil and gas field services . . . . .	208.85	212.97	226.25	227.50	-	4.56	4.65	4.94	5.00	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> . . . . .	208.84	212.06	217.46	221.61	-	4.54	4.62	4.92	4.98	-
142	Crushed and broken stone . . . . .	219.86	223.23	215.55	217.85	-	4.59	4.67	4.91	4.94	-
-	<b>CONTRACT CONSTRUCTION</b> . . . . .	253.17	257.94	261.35	269.31	277.45	6.68	6.86	7.18	7.22	7.34
15	<b>GENERAL BUILDING CONTRACTORS</b> . . . . .	237.36	241.70	249.88	257.71	-	6.45	6.64	6.98	7.08	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> . . . . .	254.71	264.80	259.46	275.72	-	6.05	6.35	6.67	6.66	-
161	Highway and street construction . . . . .	258.43	264.02	251.16	275.14	-	5.86	6.14	6.44	6.52	-
182	Heavy construction, nec . . . . .	250.85	265.02	266.94	275.40	-	6.24	6.56	6.88	6.80	-
17	<b>SPECIAL TRADE CONTRACTORS</b> . . . . .	263.84	266.81	269.89	274.72	-	7.15	7.27	7.56	7.61	-
171	Plumbing, heating, air conditioning . . . . .	272.16	275.21	287.58	289.50	-	7.20	7.30	7.71	7.72	-
172	Painting, paper hanging, decorating . . . . .	229.80	234.50	238.39	245.35	-	6.51	6.70	6.93	6.99	-
173	Electrical work . . . . .	295.19	295.16	306.98	311.17	-	7.83	7.85	8.23	8.32	-
174	Masonry, stonework, and plastering . . . . .	249.21	252.93	251.79	257.62	-	7.10	7.31	7.63	7.69	-
176	Roofing and sheetmetal work . . . . .	228.68	226.70	218.92	234.43	-	6.46	6.59	6.82	7.04	-
-	<b>MANUFACTURING</b> . . . . .	176.80	178.04	187.54	188.25	191.35	4.42	4.44	4.76	4.79	4.82
19,24,25, 32-39	<b>DURABLE GOODS</b> . . . . .	189.07	191.63	203.09	201.85	207.32	4.68	4.72	5.09	5.11	5.17
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	157.99	159.18	167.23	169.60	170.96	4.02	4.04	4.31	4.36	4.35
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	193.64	195.35	215.90	207.48	216.71	4.70	4.73	5.19	5.20	5.26
192	Ammunition, except for small arms . . . . .	189.81	192.98	216.48	201.31	(*)	4.71	4.73	5.28	5.27	(*)
1925	Complete guided missiles . . . . .	220.17	225.60	246.03	222.32	-	5.37	5.41	5.83	5.82	-
1929	Ammunition, exc. for small arms, nec. . . . .	159.98	160.80	175.67	172.21	-	4.04	4.03	4.47	4.52	-
24	<b>LUMBER AND WOOD PRODUCTS</b> . . . . .	157.61	160.80	168.75	167.74	173.60	3.96	4.01	4.24	4.29	4.34
242	Sawmills and planing mills . . . . .	152.45	156.77	163.19	160.27	(*)	3.84	3.89	4.09	4.12	(*)
2421	Sawmills and planing mills, general . . . . .	158.80	163.62	169.20	166.14	-	3.98	4.04	4.23	4.26	-
243	Millwork, plywood and related products . . . . .	159.56	163.18	175.24	174.20	174.20	4.06	4.10	4.37	4.41	4.41
2431	Millwork . . . . .	153.62	159.12	171.97	169.34	-	3.99	4.08	4.31	4.32	-
2432	Veneer and plywood . . . . .	161.58	163.62	178.23	177.56	-	4.07	4.06	4.39	4.45	-
244	Wooden containers . . . . .	120.26	120.74	126.01	124.26	123.28	3.06	3.08	3.29	3.27	3.27
2441,2	Wooden boxes, shooks, and crates . . . . .	113.87	115.62	123.52	122.56	-	2.95	2.98	3.20	3.20	-
249	Miscellaneous wood products . . . . .	138.65	139.40	148.83	147.13	150.47	3.39	3.40	3.63	3.66	3.67
26	<b>FURNITURE AND FIXTURES</b> . . . . .	136.11	139.08	141.36	138.76	146.25	3.49	3.53	3.72	3.72	3.75
251	Household furniture . . . . .	128.31	130.20	132.70	131.69	(*)	3.29	3.33	3.52	3.54	(*)
2511	Wood household furniture . . . . .	122.28	124.89	123.98	121.73	-	3.08	3.13	3.28	3.29	-
2512	Upholstered household furniture . . . . .	133.10	137.16	142.50	142.11	-	3.54	3.60	3.80	3.81	-
2515	Mattresses and bedspings . . . . .	142.43	144.75	151.58	152.80	-	3.69	3.75	4.01	4.00	-
252	Office furniture . . . . .	154.79	161.85	161.09	150.63	-	3.86	3.90	4.12	4.06	-
254	Partitions and fixtures . . . . .	166.92	172.37	177.00	172.59	-	4.28	4.32	4.55	4.53	-
253,9	Other furniture and fixtures . . . . .	148.58	154.04	155.94	150.38	(*)	3.91	3.96	4.04	4.01	(*)
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	189.28	192.28	198.21	201.14	202.13	4.55	4.60	4.87	4.93	4.93
321	Flat glass . . . . .	232.40	242.82	242.95	248.40	-	5.60	5.70	5.94	6.00	-
322	Glass and glassware, pressed or blown . . . . .	186.24	186.59	201.19	204.53	(*)	4.61	4.63	4.98	5.05	(*)
3221	Glass containers . . . . .	196.25	197.06	210.33	215.89	-	4.81	4.83	5.13	5.24	-
3229	Pressed and blown glass, nec . . . . .	172.33	172.70	187.70	187.15	-	4.33	4.35	4.74	4.75	-
324	Cement, hydraulic . . . . .	252.70	251.76	262.29	271.28	268.27	5.96	5.98	6.26	6.49	6.48
325	Structural clay products . . . . .	149.37	151.74	159.20	157.21	(*)	3.67	3.71	3.98	3.99	(*)
3251	Brick and structural clay tile . . . . .	142.55	143.44	147.70	149.56	-	3.46	3.49	3.62	3.63	-
326	Pottery and related products . . . . .	151.30	151.70	162.47	160.70	-	3.94	3.92	4.22	4.24	-
327	Concrete, gypsum, and plaster products . . . . .	201.92	204.98	204.40	211.79	(*)	4.61	4.68	4.89	4.96	(*)
328,9	Other stone and nonmetallic mineral products . . . . .	186.78	189.39	190.00	188.81	(*)	4.49	4.52	4.75	4.78	(*)
3291	Abrasive products . . . . .	182.49	179.33	175.85	174.24	-	4.62	4.61	4.74	4.80	-

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				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
—	<b>TOTAL PRIVATE</b> .....	37.1	37.1	36.3	36.5	36.7	—	—	—	—	—
—	<b>MINING</b> .....	43.2	43.1	42.7	42.0	40.5	—	—	—	—	—
10	<b>METAL MINING</b> .....	42.6	38.7	41.2	40.2	—	—	—	—	—	—
101	Iron ores .....	45.1	41.3	43.6	42.8	—	—	—	—	—	—
102	Copper ores .....	42.1	35.5	39.9	38.7	—	—	—	—	—	—
11,12	<b>COAL MINING</b> .....	(*)	41.8	40.9	(*)	—	—	—	—	—	—
12	Bituminous coal and lignite mining .....	(*)	41.8	40.8	(*)	—	—	—	—	—	—
13	<b>OIL AND GAS EXTRACTION</b> .....	44.4	44.2	44.0	43.2	—	—	—	—	—	—
131,2	Crude petroleum and natural gas fields .....	42.0	41.5	40.7	39.1	—	—	—	—	—	—
138	Oil and gas field services .....	45.8	45.8	45.8	45.5	—	—	—	—	—	—
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	46.0	45.9	44.2	44.5	—	—	—	—	—	—
142	Crushed and broken stone .....	47.9	47.8	43.9	44.1	—	—	—	—	—	—
—	<b>CONTRACT CONSTRUCTION</b> .....	37.9	37.6	36.4	37.3	37.8	—	—	—	—	—
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	36.8	36.4	35.8	36.4	—	—	—	—	—	—
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	42.1	41.7	38.9	41.4	—	—	—	—	—	—
161	Highway and street construction .....	44.1	43.0	39.0	42.2	—	—	—	—	—	—
162	Heavy construction, nec .....	40.2	40.4	38.8	40.5	—	—	—	—	—	—
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	36.9	36.7	35.7	36.1	—	—	—	—	—	—
171	Plumbing, heating, air conditioning .....	37.8	37.7	37.3	37.5	—	—	—	—	—	—
172	Painting, paper hanging, decorating .....	35.3	35.0	34.4	35.1	—	—	—	—	—	—
173	Electrical work .....	37.7	37.6	37.3	37.4	—	—	—	—	—	—
174	Masonry, stonework, and plastering .....	35.1	34.6	33.0	33.5	—	—	—	—	—	—
176	Roofing and sheet metal work .....	35.4	34.4	32.1	33.3	—	—	—	—	—	—
—	<b>MANUFACTURING</b> .....	40.0	40.1	39.4	39.3	39.7	3.3	3.5	2.5	2.5	2.8
19,24,25,32,39	<b>DURABLE GOODS</b> .....	40.4	40.6	39.9	39.5	40.1	3.4	3.6	2.4	2.3	2.7
20-23,26-31	<b>NONDURABLE GOODS</b> .....	39.3	39.4	38.8	38.9	39.3	3.2	3.3	2.7	2.7	3.0
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	41.2	41.3	41.6	39.9	41.2	3.1	3.1	2.7	2.2	—
192	Ammunition, except for small arms .....	40.3	40.8	41.0	38.2	(*)	2.6	2.8	2.5	1.5	—
1925	Complete guided missiles .....	41.0	41.7	42.2	38.2	—	—	—	—	—	—
1929	Ammunition, exc. for small arms, nec .....	39.6	39.9	39.3	38.1	—	—	—	—	—	—
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	39.8	40.1	39.8	39.1	40.0	3.8	3.9	3.2	3.0	—
242	Sawmills and planing mills .....	39.7	40.3	39.9	38.9	(*)	4.2	4.3	3.6	3.0	—
2421	Sawmills and planing mills, general .....	39.9	40.5	40.0	39.0	—	—	—	—	—	—
243	Millwork, plywood and related products .....	39.3	39.8	40.1	39.5	39.5	3.1	3.2	2.9	3.2	—
2431	Millwork .....	38.5	39.0	39.9	39.2	—	—	—	—	—	—
2432	Veneer and plywood .....	39.7	40.3	40.6	39.9	—	—	—	—	—	—
244	Wooden containers .....	39.3	39.2	38.3	38.0	37.7	2.6	2.2	2.0	2.0	—
2441,2	Wooden boxes, shooks, and crates .....	38.6	38.8	38.6	38.3	—	—	—	—	—	—
249	Miscellaneous wood products .....	40.9	41.0	41.0	40.2	41.0	4.1	3.9	3.4	3.0	—
25	<b>FURNITURE AND FIXTURES</b> .....	39.0	39.4	38.0	37.3	39.0	2.4	2.7	1.6	1.3	—
251	Household furniture .....	39.0	39.1	37.7	37.2	(*)	2.3	2.4	1.6	1.2	—
2511	Wood household furniture .....	39.7	39.9	37.8	37.0	—	2.7	3.0	1.7	1.1	—
2512	Upholstered household furniture .....	37.6	38.1	37.5	37.3	—	—	—	—	—	—
2515	Mattresses and bedsprings .....	38.6	38.6	37.8	38.2	—	—	—	—	—	—
252	Office furniture .....	40.1	41.5	39.1	37.1	—	3.3	4.0	1.4	1.4	—
254	Partitions and fixtures .....	39.0	39.9	38.9	38.1	—	2.5	3.3	1.5	1.8	—
253,9	Other furniture and fixtures .....	38.0	38.9	38.6	37.5	(*)	2.4	2.8	1.4	1.3	—
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	41.6	41.8	40.7	40.8	41.0	4.8	4.9	3.7	3.8	—
321	Flat glass .....	41.5	42.6	40.9	41.4	—	4.2	4.4	2.8	3.1	—
322	Glass and glassware, pressed or blown .....	40.4	40.3	40.4	40.5	(*)	4.0	4.2	4.2	4.2	—
3221	Glass containers .....	40.8	40.8	41.0	41.2	—	—	—	—	—	—
3229	Pressed and blown glass, nec .....	39.8	39.7	39.6	39.4	—	3.1	3.3	3.2	2.9	—
324	Cement, hydraulic .....	42.4	42.1	41.9	41.8	41.4	3.8	3.6	2.7	3.0	—
325	Structural clay products .....	40.7	40.9	40.0	39.4	(*)	4.2	4.2	3.1	3.1	—
3251	Brick and structural clay tile .....	41.2	41.1	40.8	41.2	—	—	—	—	—	—
326	Pottery and related products .....	38.4	38.7	38.5	37.9	—	2.3	2.5	1.5	1.9	—
327	Concrete, gypsum and plaster products .....	43.8	43.8	41.8	42.7	(*)	6.7	6.6	4.9	5.4	—
328,9	Other stone and nonmetallic mineral products .....	41.6	41.9	40.0	39.5	(*)	4.5	4.6	2.7	2.5	—
3291	Abrasive products .....	39.5	38.9	37.1	36.3	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

76

**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				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
	<b>DURABLE GOODS—Continued</b>										
33	<b>PRIMARY METAL INDUSTRIES</b>	\$234.48	\$237.38	\$240.98	\$240.56	\$255.78	\$5.65	\$5.72	\$6.07	\$6.09	\$6.30
331	Blast furnace and basic steel products	262.28	264.86	262.39	262.58	(*)	6.32	6.46	6.78	6.75	(*)
3312	Blast furnaces and steel mills	267.26	269.69	267.11	267.33	(*)	6.44	6.61	6.92	6.89	(*)
332	Iron and steel foundries	209.25	213.53	221.68	221.54	(*)	5.03	5.06	5.42	5.47	(*)
3321	Gray iron foundries	214.43	219.99	223.44	230.01	—	5.13	5.14	5.49	5.61	—
3322	Malleable iron foundries	205.77	209.21	231.82	223.08	—	5.17	5.31	5.81	5.72	—
3323	Steel foundries	196.77	199.86	214.85	202.69	—	4.73	4.77	5.14	5.08	—
333,4	Nonferrous metals	227.64	228.10	241.98	243.21	(*)	5.42	5.47	5.96	6.05	(*)
3334	Primary aluminum	259.25	259.49	270.82	275.40	—	6.10	6.12	6.72	6.75	—
335	Nonferrous rolling and drawing	215.31	216.15	222.09	225.07	(*)	5.09	5.11	5.43	5.53	(*)
3351	Copper rolling and drawing	214.02	211.97	221.13	223.97	—	5.12	5.12	5.46	5.53	—
3352	Aluminum rolling and drawing	228.12	229.30	226.16	231.90	—	5.33	5.37	5.64	5.74	—
3357	Nonferrous wire drawing and insulating	210.38	213.07	222.98	224.82	—	4.95	4.99	5.36	5.47	—
336	Nonferrous foundries	176.91	184.22	188.16	182.60	(*)	4.49	4.56	4.80	4.78	(*)
3361	Aluminum castings	178.69	185.66	192.08	183.54	—	4.57	4.63	4.90	4.83	—
3362,9	Other nonferrous castings	175.12	182.38	183.46	182.11	—	4.40	4.47	4.68	4.73	—
339	Miscellaneous primary metal products	228.10	230.74	240.17	233.45	(*)	5.47	5.52	5.93	5.91	(*)
3391	Iron and steel forgings	240.95	245.53	257.07	247.27	—	5.82	5.86	6.27	6.26	—
34	<b>FABRICATED METAL PRODUCTS</b>	186.35	191.06	200.30	198.18	203.09	4.59	4.66	5.02	5.03	5.09
341	Metal cans	265.01	269.30	287.76	295.68	(*)	5.85	5.88	6.54	6.60	(*)
342	Cutlery, hand tools, and hardware	168.20	174.03	182.19	180.78	184.55	4.28	4.34	4.72	4.72	4.72
3421,3,5	Cutlery and hand tools, incl. saws	161.85	169.62	171.71	170.75	—	4.15	4.23	4.46	4.47	—
3429	Hardware, nec	173.05	177.24	189.53	187.67	—	4.37	4.42	4.91	4.90	—
343	Plumbing and heating, except electric	162.60	165.82	180.90	173.05	(*)	4.18	4.23	4.50	4.53	(*)
3431,2	Sanitary ware and plumbers' brass goods	169.49	166.75	178.48	179.54	—	4.28	4.32	4.53	4.58	—
3433	Heating equipment, except electric	155.47	164.34	182.82	167.18	—	4.07	4.15	4.47	4.47	—
344	Fabricated structural metal products	184.17	190.82	200.20	198.79	(*)	4.57	4.70	5.08	5.02	(*)
3441	Fabricated structural steel	194.21	204.18	217.36	216.11	—	4.76	4.92	5.20	5.22	—
3442	Metal doors, sash, and trim	147.84	149.75	160.79	157.87	—	3.85	3.91	4.04	4.09	—
3443	Fabricated plate work (boiler shops)	189.07	201.47	211.20	208.15	—	4.68	4.89	5.28	5.31	—
3444	Sheet metal work	192.72	194.13	203.18	203.18	—	4.83	4.89	5.17	5.25	—
3446,9	Architectural and misc. metal work	190.38	191.94	184.86	187.60	—	4.49	4.57	4.68	4.69	—
345	Screw machine products, bolts, etc	187.81	191.74	184.80	186.63	(*)	4.44	4.48	4.80	4.81	(*)
3451	Screw machine products	182.27	181.85	180.78	182.42	—	4.35	4.34	4.60	4.63	—
3452	Bolts, nuts, rivets, and washers	192.55	201.02	188.12	190.24	—	4.52	4.60	4.99	4.98	—
346	Metal stampings	207.05	211.65	218.20	211.92	(*)	5.05	5.10	5.51	5.42	(*)
347	Metal services, nec	154.83	158.40	164.30	160.90	161.70	3.90	3.96	4.17	4.19	4.20
348	Miscellaneous fabricated wire products	163.99	169.74	176.12	172.10	(*)	4.11	4.15	4.47	4.47	(*)
349	Miscellaneous fabricated metal products	180.90	182.61	196.71	194.22	(*)	4.50	4.52	4.93	4.98	(*)
3494,8	Valves, pipe, and pipe fittings	184.46	187.52	205.13	204.09	—	4.60	4.63	5.09	5.18	—
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	203.91	208.89	215.06	213.73	217.89	4.89	4.95	5.31	5.33	5.38
351	Engines and turbines	231.54	237.84	237.98	236.40	(*)	5.62	5.69	5.92	6.00	(*)
3511	Steam engines and turbines	214.90	214.77	223.04	216.22	—	5.28	5.29	5.59	5.69	—
3519	Internal combustion engines, nec	238.46	249.31	245.43	247.23	—	5.76	5.88	6.09	6.15	—
352	Farm machinery	205.82	211.33	224.32	221.13	—	5.02	5.08	5.58	5.57	—
353	Construction and related machinery	206.04	217.42	231.24	230.68	233.19	5.05	5.14	5.64	5.64	5.66
3531,2	Construction and mining machinery	216.68	233.07	247.86	247.05	—	5.39	5.51	6.09	6.10	—
3533	Oil field machinery	199.71	208.37	212.85	217.87	—	4.57	4.61	5.02	5.02	—
3535,6	Conveyors, hoists, cranes, monorails	193.28	198.19	217.98	216.30	—	4.68	4.73	5.24	5.25	—
3537	Industrial trucks and tractors	176.22	179.60	188.75	183.00	—	4.53	4.57	4.89	4.88	—
354	Metal working machinery	220.16	223.26	222.36	221.13	(*)	5.12	5.18	5.45	5.46	(*)
3541	Machine tools, metal cutting types	223.60	229.60	231.57	224.40	—	5.20	5.23	5.54	5.50	—
3544	Special dies, tools, jigs and fixtures	239.04	244.40	235.50	237.56	—	5.47	5.58	5.73	5.78	—
3545	Machine tool accessories	211.68	209.72	207.25	204.00	—	4.80	4.81	5.13	5.10	—
3542,8	Miscellaneous metal working machinery	193.64	194.40	200.66	201.45	—	4.70	4.73	5.08	5.10	—
355	Special industry machinery	183.96	189.24	195.60	193.95	196.80	4.52	4.56	4.89	4.91	4.92
3551	Food products machinery	189.54	199.03	203.60	200.66	—	4.68	4.75	5.09	5.08	—
3552	Textile machinery	151.31	156.00	159.78	156.49	—	3.85	3.90	4.15	4.14	—
3555	Printing trades machinery	204.59	210.92	202.21	198.18	—	4.99	5.01	5.03	5.03	—
356	General industrial machinery	202.29	206.42	216.93	213.20	(*)	4.91	4.95	5.33	5.33	(*)
3561	Pumps and compressors	196.02	199.67	219.23	209.84	—	4.84	4.87	5.27	5.22	—
3562	Ball and roller bearings	218.71	226.64	218.59	221.53	—	5.11	5.21	5.52	5.58	—
3564	Blowers and fans	181.09	187.83	206.64	200.19	—	4.55	4.57	5.04	5.03	—
3566	Power transmission equipment	205.87	206.78	218.82	217.65	—	4.89	4.90	5.26	5.27	—
357	Office and computing machines	190.94	193.44	202.28	202.91	202.71	4.59	4.65	4.97	5.01	5.03
3573	Electronic computing equipment	187.77	182.01	211.14	213.62	—	4.46	4.55	5.10	5.16	—
358	Service industry machines	181.80	191.49	183.91	183.46	(*)	4.50	4.56	4.74	4.79	(*)
3585	Refrigeration machinery	186.00	183.08	182.75	186.42	—	4.57	4.60	4.71	4.78	—
359	Miscellaneous machinery, except electrical	204.95	211.75	208.08	204.00	207.87	4.69	4.78	5.10	5.10	5.12

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				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
	<b>DURABLE GOODS—Continued</b>										
33	<b>PRIMARY METAL INDUSTRIES</b>	41.5	41.5	39.7	39.5	40.6	3.9	4.3	2.5	2.5	—
331	Blast furnace and basic steel products	41.5	41.0	38.7	38.9	(*)	3.3	3.5	1.6	1.6	—
3312	Blast furnaces and steel mills	41.5	40.8	38.6	38.8	—	3.2	3.3	1.5	1.5	—
332	Iron and steel foundries	41.6	42.2	40.9	40.5	(*)	4.7	5.5	3.6	3.9	—
3321	Gray iron foundries	41.8	42.8	40.7	41.0	—	5.1	5.9	3.5	4.4	—
3322	Malleable iron foundries	39.8	39.4	39.9	39.0	—	—	—	—	—	—
3323	Steel foundries	41.6	41.9	41.8	39.9	—	4.2	4.8	3.9	3.4	—
333,4	Nonferrous metals	42.0	41.7	40.6	40.2	(*)	4.6	4.5	2.9	2.7	—
3334	Primary aluminum	42.5	42.4	40.3	40.8	—	—	—	—	—	—
335	Nonferrous rolling and drawing	42.3	42.3	40.9	40.7	(*)	4.7	5.2	3.2	3.3	—
3351	Copper rolling and drawing	41.8	41.4	40.5	40.5	—	—	—	—	—	—
3352	Aluminum rolling and drawing	42.8	42.7	40.1	40.4	—	4.8	5.4	3.2	3.2	—
3357	Nonferrous wire drawing and insulating	42.5	42.7	41.6	41.1	—	5.0	5.5	3.7	3.7	—
336	Nonferrous foundries	39.4	40.4	39.2	38.2	(*)	2.9	3.5	2.1	1.7	—
3361	Aluminum castings	39.1	40.1	39.2	38.0	—	—	—	—	—	—
3362,9	Other nonferrous castings	39.8	40.8	39.2	38.5	—	—	—	—	—	—
339	Miscellaneous primary metal products	41.7	41.8	40.5	39.5	(*)	4.8	4.8	3.5	3.1	—
3391	Iron and steel forgings	41.4	41.9	41.0	39.5	—	—	—	—	—	—
34	<b>FABRICATED METAL PRODUCTS</b>	40.6	41.0	39.9	39.4	39.9	3.4	3.8	2.4	2.3	—
341	Metal cans	45.3	45.8	44.0	44.8	(*)	5.2	6.2	4.2	5.0	—
342	Cutlery, hand tools, and hardware	39.3	40.1	38.6	38.3	39.1	2.5	3.2	1.5	1.3	—
3421,3,5	Cutlery and hand tools, incl. saws	39.0	40.1	38.5	38.2	—	—	—	—	—	—
3429	Hardware, nec	39.6	40.1	38.6	38.3	—	—	—	—	—	—
343	Plumbing and heating, except electric	38.9	39.2	40.2	38.2	(*)	2.1	2.3	2.2	1.4	—
3431,2	Sanitary ware and plumbers' brass goods	39.6	38.6	39.4	39.2	—	—	—	—	—	—
3433	Heating equipment, except electric	38.2	39.6	40.9	37.4	—	—	—	—	—	—
344	Fabricated structural metal products	40.3	40.6	40.2	39.6	(*)	3.2	3.5	2.8	2.6	—
3441	Fabricated structural steel	40.8	41.5	41.8	41.4	—	3.7	4.1	3.8	3.7	—
3442	Metal doors, sash, and trim	38.4	38.3	39.8	38.6	—	—	—	—	—	—
3443	Fabricated plate work (boiler shops)	40.4	41.2	40.0	39.2	—	3.0	3.8	3.2	2.5	—
3444	Sheet metal work	39.9	39.7	39.3	38.7	—	—	—	—	—	—
3446,9	Architectural and misc. metal work	42.4	42.0	39.5	40.0	—	—	—	—	—	—
345	Screw machine products, bolts, etc	42.3	42.8	38.5	38.8	(*)	4.6	5.3	1.6	1.5	—
3451	Screw machine products	41.9	41.9	39.3	39.4	—	—	—	—	—	—
3452	Bolts, nuts, rivets, and washers	42.6	43.7	37.7	38.2	—	—	—	—	—	—
346	Metal stampings	41.0	41.5	39.6	39.1	(*)	3.5	4.1	2.1	2.2	—
347	Metal services, nec	39.7	40.0	39.4	38.4	38.5	3.7	3.5	2.7	2.7	—
348	Miscellaneous fabricated wire products	39.9	40.9	39.4	38.5	(*)	3.0	3.7	1.9	1.8	—
349	Miscellaneous fabricated metal products	40.2	40.4	39.9	39.0	(*)	3.3	3.6	2.6	2.1	—
3494,8	Valves, pipe, and pipe fittings	40.1	40.5	40.3	39.4	—	—	—	—	—	—
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	41.7	42.2	40.5	40.1	40.5	4.0	4.3	2.6	2.4	—
351	Engines and turbines	41.2	41.8	40.2	39.4	(*)	4.1	5.1	2.1	1.5	—
3511	Steam engines and turbines	40.7	40.6	39.9	38.0	—	—	—	—	—	—
3519	Internal combustion engines, nec	41.4	42.4	40.3	40.2	—	—	—	—	—	—
352	Farm machinery	41.0	41.6	40.2	39.7	—	4.1	3.9	2.6	1.7	—
353	Construction and related machinery	40.8	42.3	41.0	40.9	41.2	3.5	4.5	3.1	2.9	—
3531,2	Construction and mining machinery	40.2	42.3	40.7	40.5	—	2.9	4.4	2.8	2.5	—
3533	Oil field machinery	43.7	45.2	42.4	43.4	—	—	—	—	—	—
3535,6	Conveyors, hoists, cranes, monorails	41.3	41.9	41.6	41.2	—	—	—	—	—	—
3537	Industrial trucks and tractors	38.9	39.3	38.6	37.5	—	—	—	—	—	—
354	Metal working machinery	43.0	43.1	40.8	40.5	(*)	5.5	5.5	3.0	3.0	—
3541	Machine tools, metal cutting types	43.0	43.9	41.8	40.8	—	6.0	6.2	3.7	3.3	—
3544	Special dies, tools, jig and fixtures	43.7	43.8	41.1	41.1	—	—	—	—	—	—
3545	Machine tool accessories	44.1	43.6	40.4	40.0	—	6.0	5.0	2.2	2.7	—
3542,8	Miscellaneous metal working machinery	41.2	41.1	39.5	39.5	—	—	—	—	—	—
355	Special industry machinery	40.7	41.5	40.0	39.5	40.0	3.5	4.2	2.2	2.1	—
3551	Food products machinery	40.5	41.9	40.0	39.5	—	—	—	—	—	—
3552	Textile machinery	39.3	40.0	38.5	37.8	—	—	—	—	—	—
3555	Printing trades machinery	41.0	42.1	40.2	39.4	—	—	—	—	—	—
356	General industrial machinery	41.2	41.7	40.7	40.0	(*)	4.1	4.3	2.7	2.6	—
3561	Pumps and compressors	40.5	41.0	41.6	40.2	—	3.6	3.8	3.4	2.9	—
3562	Ball and roller bearings	42.8	43.5	39.6	39.7	—	5.2	5.8	1.5	1.9	—
3564	Blowers and fans	39.8	41.1	41.0	39.8	—	—	—	—	—	—
3566	Power transmission equipment	42.1	42.2	41.6	41.3	—	5.2	4.7	3.8	3.5	—
357	Office and computing machines	41.6	41.6	40.7	40.5	40.3	2.7	2.9	1.9	1.6	—
3573	Electronic computing equipment	42.1	42.2	41.4	41.4	—	—	—	—	—	—
358	Service industry machines	40.4	39.8	38.8	38.3	(*)	2.4	2.7	1.0	1.1	—
3585	Refrigeration machinery	40.7	39.8	38.8	39.0	—	2.4	2.7	0.8	1.1	—
359	Miscellaneous machinery, except electrical	43.7	44.3	40.8	40.0	40.6	4.5	5.0	3.3	3.0	—

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				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	\$163.88	\$164.74	\$180.06	\$178.55	\$182.82	\$4.17	\$4.16	\$4.57	\$4.59	\$4.64
361	Electric test and distributing equipment	174.53	175.87	183.46	184.39	(*)	4.32	4.30	4.68	4.74	(*)
3611	Electric measuring instruments	146.29	152.02	159.06	160.90	—	3.78	3.81	4.11	4.19	—
3612	Transformers	177.42	176.66	186.68	182.40	—	4.37	4.33	4.75	4.75	—
3613	Switchgear and switchboard apparatus	196.41	195.62	202.75	202.64	—	4.71	4.68	5.12	5.13	—
362	Electrical industrial apparatus	170.47	171.74	181.43	184.27	184.40	4.23	4.23	4.57	4.63	4.61
3621	Motors and generators	169.55	170.83	183.60	187.92	—	4.26	4.26	4.59	4.64	—
3622	Industrial controls	161.99	162.39	171.83	172.35	—	4.06	4.07	4.44	4.50	—
363	Household appliances	171.17	171.97	179.78	180.39	(*)	4.29	4.31	4.54	4.59	(*)
3632	Household refrigerators and freezers	196.56	193.77	188.46	195.32	—	4.55	4.57	4.82	4.92	—
3633	Household laundry equipment	189.82	193.03	214.80	214.27	—	4.83	4.85	5.33	5.33	—
3634	Electric housewares and fans	137.97	142.46	149.77	152.06	—	3.65	3.71	3.86	3.84	—
364	Electric lighting and wiring equipment	155.99	159.95	169.56	167.37	(*)	4.01	4.07	4.37	4.37	(*)
3641	Electric lamps	160.37	164.01	176.71	177.20	—	4.06	4.09	4.44	4.43	—
3642	Lighting fixtures	159.01	166.27	173.50	167.24	—	4.13	4.22	4.53	4.52	—
3643,4	Wiring devices	151.71	154.04	162.93	162.43	—	3.90	3.96	4.21	4.23	—
365	Radio and TV receiving equipment	148.52	150.50	161.97	164.37	(*)	3.95	3.95	4.24	4.36	(*)
366	Communication equipment	182.42	176.72	204.29	199.41	(*)	4.63	4.59	5.12	5.10	(*)
3661	Telephone and telegraph apparatus	178.55	151.94	201.73	194.81	—	4.59	4.28	5.12	5.06	—
3662	Radio and TV communication equipment	186.33	190.07	205.42	202.75	—	4.67	4.74	5.11	5.12	—
367	Electronic components and accessories	133.73	136.54	152.49	150.54	152.88	3.51	3.51	3.89	3.91	3.91
3671-3	Electron tubes	165.59	174.28	188.40	184.67	—	4.29	4.39	4.71	4.64	—
3674,9	Other electronic components	129.54	131.14	146.63	145.54	—	3.40	3.38	3.75	3.79	—
369	Miscellaneous electrical equip. and supplies	197.32	202.59	215.30	207.38	(*)	4.86	4.87	5.29	5.25	(*)
3694	Engine electrical equipment	214.35	219.54	231.90	224.87	—	5.19	5.19	5.67	5.65	—
37	<b>TRANSPORTATION EQUIPMENT</b>	217.74	216.07	240.38	243.79	245.03	5.43	5.47	5.95	5.99	6.05
371	Motor vehicles and equipment	242.67	236.21	259.37	266.74	(*)	5.89	5.92	6.42	6.49	(*)
3711	Motor vehicles	253.34	241.40	269.61	278.88	—	6.24	6.27	6.69	6.72	—
3712	Passenger car bodies	266.09	202.83	285.84	287.83	—	6.57	6.65	7.20	7.25	—
3713	Truck and bus bodies	175.86	176.40	204.53	202.75	—	4.64	4.63	5.05	5.12	—
3714	Motor vehicle parts and accessories	247.03	248.14	258.26	265.15	—	5.84	5.88	6.33	6.42	—
3715	Truck trailers	165.03	171.14	175.48	180.40	—	4.21	4.30	4.73	4.76	—
372	Aircraft and parts <sup>†</sup>	214.12	216.51	247.57	246.79	(*)	5.38	5.44	5.98	5.99	(*)
3721	Aircraft <sup>†</sup>	210.86	214.10	255.44	259.37	—	5.52	5.59	6.20	6.22	—
3722	Aircraft engines and engine parts <sup>†</sup>	225.22	222.63	249.04	242.80	—	5.44	5.47	6.03	6.01	—
3723,9	Other aircraft parts and equipment <sup>†</sup>	208.42	213.95	227.81	224.95	—	5.01	5.07	5.45	5.46	—
373	Ship and boat building and repairing	178.60	181.71	204.23	208.15	203.71	4.70	4.82	5.21	5.23	5.21
3731	Ship building and repairing	187.37	191.49	214.58	219.45	—	4.97	5.12	5.46	5.50	—
3732	Boat building and repairing	153.27	152.10	162.86	165.45	—	3.91	3.91	4.23	4.21	—
374	Railroad equipment**	225.92	228.42	244.51	(*)	—	5.62	5.64	6.19	(*)	—
375,9	Other transportation equipment	147.83	150.15	166.27	161.35	—	3.87	3.90	4.22	4.18	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	166.74	169.62	178.09	177.91	179.14	4.20	4.23	4.52	4.55	4.57
381	Engineering and scientific instruments	182.46	188.24	195.21	195.37	—	4.55	4.58	4.82	4.86	—
382	Mechanical measuring and control devices	157.18	162.78	171.16	170.28	(*)	4.02	4.09	4.40	4.40	(*)
3821	Mechanical measuring devices	158.80	164.82	174.64	175.78	—	4.00	4.10	4.41	4.45	—
3822	Automatic temperature controls	154.66	159.12	165.50	159.10	—	4.07	4.08	4.39	4.30	—
383,5	Optical and ophthalmic goods	150.53	155.59	161.96	161.11	163.15	3.84	3.88	4.09	4.11	4.12
385	Ophthalmic goods	135.28	141.60	149.35	149.77	—	3.56	3.64	3.81	3.88	—
384	Medical instruments and supplies	144.65	147.75	154.40	154.35	156.33	3.69	3.75	4.00	4.03	4.05
386	Photographic equipment and supplies	216.00	214.20	226.24	224.70	(*)	5.23	5.25	5.60	5.66	(*)
387	Watches, clocks, and watchcases	135.14	137.48	145.10	145.89	—	3.43	3.42	3.73	3.76	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	134.37	136.58	145.53	142.88	145.92	3.49	3.52	3.78	3.78	3.80
391	Jewelry, silverware, and plated ware	143.63	146.29	154.60	149.48	(*)	3.83	3.87	4.09	4.04	(*)
394	Toys and sporting goods	121.73	125.32	133.35	130.90	—	3.17	3.23	3.50	3.50	—
3941-3	Games, toys, dolls and play vehicles	118.66	120.67	127.92	124.66	—	3.09	3.11	3.34	3.36	—
3949	Sporting and athletic goods, nec	125.95	131.53	139.86	138.74	—	3.28	3.39	3.70	3.68	—
395	Pens, pencils, office and art supplies	139.91	142.36	147.71	148.88	—	3.56	3.55	3.73	3.75	—
396	Costume jewelry and notions	123.33	122.85	130.18	126.82	—	3.22	3.25	3.39	3.40	—
393,9	Other manufacturing industries	145.50	147.78	157.12	156.21	159.42	3.75	3.77	4.06	4.10	4.13
393	Musical instruments and parts	138.90	145.66	147.84	140.96	—	3.49	3.57	3.83	3.82	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	170.54	170.97	181.65	183.42	183.92	4.18	4.17	4.53	4.54	4.53
201	Meat products	176.23	176.23	183.81	187.13	185.80	4.33	4.33	4.63	4.69	4.68
2011.	Meat packing plants	216.94	217.04	226.87	228.48	—	5.19	5.18	5.52	5.60	—
2013	Sausages and other prepared meats	203.77	205.41	219.10	224.54	—	4.97	5.01	5.37	5.45	—
2015	Poultry dressing plants	109.20	109.48	110.33	114.30	—	2.80	2.80	2.95	3.00	—

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				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	39.3	39.6	39.4	38.9	39.4	2.2	2.5	1.7	1.4	—
361	Electric test and distributing equipment	40.4	40.9	39.2	38.9	(*)	3.0	3.1	1.5	1.5	—
3611	Electric measuring instruments	38.7	39.9	38.7	38.4	—	1.7	2.3	1.1	1.2	—
3612	Transformers	40.6	40.8	39.3	38.4	—	—	—	—	—	—
3613	Switchgear and switchboard apparatus	41.7	41.8	39.6	39.5	—	—	—	—	—	—
362	Electrical industrial apparatus	40.3	40.6	39.7	39.8	40.0	3.0	3.1	2.0	1.8	—
3621	Motors and generators	39.8	40.1	40.0	40.5	—	3.2	2.9	2.1	2.1	—
3622	Industrial controls	39.9	39.9	38.7	38.3	—	2.0	2.5	1.9	1.0	—
363	Household appliances	39.9	39.9	39.6	39.3	(*)	2.3	2.6	1.8	1.4	—
3632	Household refrigerators and freezers	43.2	42.4	39.1	39.7	—	—	—	—	—	—
3633	Household laundry equipment	39.3	39.8	40.3	40.2	—	—	—	—	—	—
3634	Electric housewares and fans	37.8	38.4	38.8	39.6	—	2.2	2.4	1.5	1.1	—
364	Electric lighting and wiring equipment	38.9	39.3	38.8	38.3	(*)	1.9	2.2	1.3	1.2	—
3641	Electric lamps	39.5	40.1	39.8	40.0	—	1.5	1.9	1.5	1.3	—
3642	Lighting fixtures	38.5	39.4	38.3	37.0	—	1.9	2.6	1.4	1.4	—
3643,4	Wiring devices	38.9	38.9	38.7	38.4	—	2.0	2.0	1.2	1.0	—
365	Radio and TV receiving equipment	37.6	38.1	38.2	37.7	(*)	1.1	1.3	.6	.5	—
366	Communication equipment	39.4	38.5	39.9	39.1	(*)	1.8	2.3	1.8	1.5	—
3661	Telephone and telegraph apparatus	38.9	35.5	39.4	38.5	—	—	—	—	—	—
3662	Radio and TV communication equipment	39.9	40.1	40.2	39.6	—	2.3	2.7	2.2	1.8	—
367	Electronic components and accessories	38.1	38.9	39.2	38.5	39.1	2.0	2.1	1.7	1.5	—
3671-3	Electron tubes	38.6	39.7	40.0	39.8	—	1.6	2.5	1.6	1.4	—
3674,9	Other electronic components	38.1	38.8	39.1	38.4	—	2.0	2.1	1.7	1.5	—
369	Miscellaneous electrical equip. and supplies	40.6	41.6	40.7	39.5	(*)	3.1	3.8	2.5	2.0	—
3694	Engine electrical equipment	41.3	42.3	40.9	39.8	—	—	—	—	—	—
37	<b>TRANSPORTATION EQUIPMENT</b>	40.1	39.5	40.4	40.7	40.5	3.6	3.5	2.6	2.8	—
371	Motor vehicles and equipment	41.2	39.9	40.4	41.1	(*)	4.2	4.0	2.5	3.2	—
3711	Motor vehicles	40.6	38.5	40.3	41.5	—	4.5	4.2	2.2	3.3	—
3712	Passenger car bodies	40.5	30.5	39.7	39.7	—	—	—	—	—	—
3713	Truck and bus bodies	37.9	38.1	40.5	39.6	—	—	—	—	—	—
3714	Motor vehicle parts and accessories	42.3	42.2	40.8	41.3	—	4.4	4.5	2.9	3.4	—
3715	Truck trailers	39.2	39.8	37.1	37.9	—	—	—	—	—	—
372	Aircraft and parts	39.8	39.8	41.4	41.2	(*)	3.4	3.1	2.9	2.7	—
3721	Aircraft	38.2	38.3	41.2	41.7	—	2.7	2.2	2.4	2.5	—
3722	Aircraft engines and engine parts	41.4	40.7	41.3	40.4	—	3.9	3.4	3.4	2.8	—
3723,9	Other aircraft parts and equipment	41.6	42.2	41.8	41.2	—	4.3	4.7	3.4	3.2	—
373	Ship and boat building and repairing	38.0	37.7	39.2	39.8	39.1	2.9	2.8	2.7	2.7	—
3731	Ship building and repairing	37.7	37.4	39.3	39.9	—	—	—	—	—	—
3732	Boat building and repairing	39.2	38.9	38.5	39.3	—	—	—	—	—	—
374	Railroad equipment **	40.2	40.5	39.5	(*)	—	3.2	3.5	2.4	(*)	—
375,9	Other transportation equipment	38.2	38.5	39.4	38.6	—	2.4	2.3	2.0	1.6	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	39.7	40.1	39.4	39.1	39.2	2.3	2.6	1.7	1.5	—
381	Engineering and scientific instruments	40.1	41.1	40.5	40.2	—	3.2	3.8	2.1	2.1	—
382	Mechanical measuring and control devices	39.1	39.8	38.9	38.7	(*)	2.2	2.5	1.7	1.5	—
3821	Mechanical measuring devices	39.7	40.2	39.6	39.5	—	2.6	2.7	1.9	1.8	—
3822	Automatic temperature controls	38.0	39.0	37.7	37.0	—	1.6	2.1	1.1	.9	—
383,5	Optical and ophthalmic goods	39.2	40.1	39.6	39.2	39.6	1.8	2.3	1.7	1.3	—
385	Ophthalmic goods	38.0	38.9	39.2	38.6	—	1.4	1.8	1.9	1.2	—
384	Medical instruments and supplies	39.2	39.4	38.6	38.3	38.6	2.1	2.2	1.3	1.5	—
386	Photographic equipment and supplies	41.3	40.8	40.4	39.7	(*)	2.7	2.4	1.8	1.5	—
387	Watches, clocks, and watch cases	39.4	40.2	38.9	38.8	—	1.7	2.7	1.4	1.7	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	38.5	38.8	38.5	37.8	38.4	2.0	2.4	1.6	1.4	—
391	Jewelry, silverware, and plated ware	37.5	37.8	37.8	37.0	(*)	1.7	2.3	1.7	.8	—
394	Toys and sporting goods	38.4	38.8	38.1	37.4	—	1.8	2.3	1.6	1.4	—
3941-3	Games, toys, dolls and play vehicles	38.4	38.8	38.3	37.1	—	—	—	—	—	—
3949	Sporting and athletic goods, nec	38.4	38.8	37.8	37.7	—	—	—	—	—	—
395	Pens, pencils, office and art supplies	39.3	40.1	39.6	39.7	—	3.1	2.9	2.0	1.8	—
396	Costume jewelry and notions	38.3	37.8	38.4	37.3	—	1.8	2.1	1.6	1.0	—
393,9	Other manufacturing industries	38.8	39.2	38.7	38.1	38.6	2.0	2.4	1.6	1.5	—
393	Musical instruments and parts	39.8	40.8	38.6	36.9	—	2.0	3.0	1.5	1.0	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	40.8	41.0	40.1	40.4	40.6	4.4	4.4	3.8	4.0	—
201	Meat products	40.7	40.7	39.7	39.9	39.7	4.4	4.3	3.7	3.8	—
2011	Meat packing plants	41.8	41.9	41.1	40.8	—	5.0	4.7	4.3	4.3	—
2013	Sausages and other prepared meats	41.0	41.0	40.8	41.2	—	—	—	—	—	—
2015	Poultry dressing plants	39.0	39.1	37.4	38.1	—	—	—	—	—	—

See footnotes at end of table.

**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—Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products .....	\$177.23	\$ 175.56	\$ 191.62	\$ 192.89	\$189.32	\$4.18	\$4.21	\$4.53	\$4.56	\$4.54
2024	Ice cream and frozen desserts .....	167.60	168.92	191.13	189.32	—	4.00	4.10	4.54	4.54	—
2026	Fluid milk .....	186.17	183.52	199.70	204.29	—	4.36	4.38	4.71	4.74	—
203	Canned, cured, and frozen foods .....	137.39	149.41	143.96	148.22	—	3.55	3.68	3.87	3.87	—
2031,6	Canned, cured, and frozen sea foods .....	114.08	122.85	116.96	120.75	—	3.10	3.15	3.42	3.46	—
2032,3	Canned food, except sea foods .....	146.49	158.65	155.12	153.66	—	3.69	3.86	4.05	3.94	—
2037	Frozen fruits and vegetables .....	131.54	137.81	134.69	145.92	—	3.48	3.48	3.68	3.79	—
204	Grain mill products .....	196.64	197.14	209.84	216.31	(*)	4.36	4.43	4.78	4.85	(*)
2041	Flour and other grain mill products .....	214.37	218.04	215.45	229.61	—	4.65	4.74	4.82	4.97	—
2042	Prepared feeds for animals and fowls .....	171.83	167.83	181.22	188.48	—	3.76	3.78	4.10	4.17	—
205	Bakery products .....	175.80	174.07	185.00	187.13	186.52	4.33	4.33	4.66	4.69	4.71
2051	Bread, cake, and related products .....	176.44	175.12	185.57	188.50	—	4.40	4.40	4.71	4.76	—
2052	Cookies and crackers .....	174.68	169.74	181.40	184.09	—	4.11	4.12	4.49	4.49	—
206	Sugar .....	195.50	202.18	205.84	212.38	—	4.60	4.68	5.07	5.13	—
207	Confectionery and related products .....	150.11	150.05	161.99	163.18	162.37	3.81	3.77	4.07	4.10	4.09
2071	Confectionery products .....	143.13	140.76	156.41	155.63	—	3.67	3.60	3.93	3.93	—
208	Beverages .....	203.69	201.96	220.99	222.07	(*)	4.92	4.95	5.39	5.39	(*)
2082	Malt liquors .....	286.45	284.26	312.29	315.04	—	6.57	6.58	7.13	7.16	—
2086	Bottled and canned soft drinks .....	152.11	148.45	159.60	162.41	—	3.71	3.73	4.01	4.02	—
209	Miscellaneous foods and kindred products ..	169.33	169.32	182.13	183.87	(*)	4.10	4.15	4.41	4.42	(*)
21	<b>TOBACCO MANUFACTURES .....</b>	160.82	157.35	194.04	160.40	161.62	4.37	4.13	4.90	4.69	4.38
211	Cigarettes .....	188.98	193.92	231.13	188.78	—	5.08	5.05	5.61	5.52	—
212	Cigars .....	97.68	100.00	107.74	103.25	—	2.64	2.71	2.96	2.86	—
22	<b>TEXTILE MILL PRODUCTS .....</b>	129.68	129.49	131.87	131.26	136.15	3.25	3.27	3.33	3.34	3.37
221	Weaving mills, cotton .....	137.85	133.82	132.53	135.07	(*)	3.29	3.28	3.33	3.36	(*)
222	Weaving mills, synthetics .....	141.93	136.22	134.35	136.51	(*)	3.42	3.44	3.41	3.43	(*)
223	Weaving and finishing mills, wool .....	135.14	133.51	139.90	140.00	(*)	3.37	3.38	3.48	3.50	(*)
224	Narrow fabric mills .....	118.95	123.16	128.23	125.39	(*)	3.05	3.11	3.23	3.24	(*)
225	Knitting mills .....	118.11	120.58	123.71	123.12	(*)	3.10	3.14	3.23	3.24	(*)
2251	Women's hosiery, except socks .....	106.43	106.95	112.72	112.13	—	2.90	2.93	2.99	2.99	—
2252	Hosiery, nec .....	103.69	103.30	110.25	108.56	—	2.81	2.83	2.94	2.95	—
2253	Knit outerwear mills .....	117.62	123.52	122.18	121.27	—	3.12	3.20	3.32	3.35	—
2254	Knit underwear mills .....	103.21	106.39	106.29	108.33	—	2.82	2.86	2.92	2.92	—
226	Textile finishing, except wool .....	137.60	137.36	155.73	146.16	(*)	3.44	3.46	3.63	3.60	(*)
227	Floor covering mills .....	140.54	141.69	141.00	138.40	—	3.47	3.49	3.49	3.46	—
228	Yarn and thread mills .....	120.12	120.74	121.37	121.99	127.58	3.08	3.08	3.12	3.12	3.15
229	Miscellaneous textile goods .....	141.45	144.77	150.33	143.28	(*)	3.45	3.48	3.64	3.60	(*)
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	106.55	108.58	111.23	111.86	113.17	3.01	3.05	3.16	3.16	3.17
231	Men's and boys' suits and coats .....	130.31	132.38	125.90	134.40	(*)	3.65	3.75	3.85	3.84	(*)
232	Men's and boys' furnishings .....	97.74	99.55	101.88	102.24	(*)	2.70	2.72	2.83	2.84	(*)
2321	Men's and boys' shirts and nightwear .....	95.93	97.68	99.36	99.28	—	2.65	2.64	2.76	2.75	—
2327	Men's and boys' separate trousers .....	99.83	101.44	103.39	104.33	—	2.75	2.81	2.88	2.89	—
2328	Men's and boys' work clothing .....	95.47	96.52	102.21	99.52	—	2.63	2.63	2.77	2.78	—
233	Women's and misses' outerwear .....	106.16	106.85	108.89	110.54	(*)	3.15	3.18	3.27	3.28	(*)
2331	Women's and misses' blouses and waists ..	103.30	104.10	109.86	110.88	—	2.96	3.00	3.13	3.08	—
2335	Women's and misses' dresses .....	104.33	104.33	103.62	105.50	—	3.21	3.22	3.30	3.36	—
2337	Women's and misses' suits and coats .....	119.21	122.67	128.10	130.82	—	3.58	3.64	3.79	3.77	—
2339	Women's and misses' outerwear, nec .....	101.89	101.60	107.40	107.15	—	2.87	2.87	3.00	2.96	—
234	Women's and children's undergarments .....	95.31	98.81	103.39	101.18	(*)	2.70	2.76	2.88	2.85	(*)
2341	Women's and children's underwear .....	93.28	96.93	100.24	97.65	—	2.65	2.70	2.80	2.79	—
2342	Corsets and allied garments .....	102.39	105.25	114.08	114.07	—	2.86	2.94	3.16	3.05	—
235	Hats, caps, and millinery .....	96.39	97.47	101.46	100.86	—	2.70	2.70	2.85	2.89	—
236	Children's outerwear .....	98.06	97.37	107.31	106.43	(*)	2.77	2.79	2.94	2.94	(*)
2361	Children's dresses and blouses .....	95.82	94.67	106.20	106.07	—	2.73	2.76	2.95	2.93	—
237,8	Fur goods and miscellaneous apparel .....	107.58	107.28	115.63	115.96	—	2.98	2.98	3.23	3.23	—
239	Miscellaneous fabricated textile products ..	122.80	132.86	135.28	132.75	137.47	3.31	3.46	3.56	3.54	3.58
2391,2	Housefurnishings .....	100.72	105.00	111.63	110.67	—	2.79	2.80	2.93	2.92	—
26	<b>PAPER AND ALLIED PRODUCTS</b>	191.17	193.73	205.92	209.75	214.46	4.53	4.58	4.95	5.03	5.07
261,2,6	Paper and pulp mills .....	225.79	229.69	241.11	247.28	(*)	5.04	5.15	5.53	5.62	(*)
263	Paperboard mills .....	229.56	230.65	240.93	242.82	(*)	5.09	5.16	5.59	5.70	(*)
264	Miscellaneous converted paper products .....	165.24	168.10	177.56	181.25	(*)	4.08	4.10	4.45	4.52	(*)
2643	Bags, except textile bags .....	160.00	166.45	171.54	175.24	—	3.98	4.04	4.31	4.37	—
265	Paperboard containers and boxes .....	168.47	170.51	184.78	187.17	(*)	4.17	4.21	4.54	4.61	(*)
2651,2	Folding and setup paperboard boxes .....	155.63	158.79	171.90	173.36	—	3.96	3.95	4.33	4.40	—
2653	Corrugated and solid fiber boxes .....	178.32	181.15	195.09	197.88	—	4.36	4.44	4.77	4.85	—
2654	Sanitary food containers .....	159.20	162.41	178.43	181.38	—	3.98	4.04	4.31	4.36	—

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				
		July 1974	Aug. 1974	June 1975	July 1975P	Aug. 1975P	July 1974	Aug. 1974	June 1975	July 1975P	Aug. 1975P
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products .....	42.4	41.7	42.3	42.3	41.7	4.6	4.3	4.3	4.4	—
2024	Ice cream and frozen desserts .....	41.9	41.2	42.1	41.7	—	—	—	—	—	—
2026	Fluid milk .....	42.7	41.9	42.4	43.1	—	—	—	—	—	—
203	Canned, cured, and frozen foods .....	38.7	40.6	37.2	38.3	—	3.7	4.3	2.8	3.5	—
2031,6	Canned, cured, and frozen sea foods .....	36.8	39.0	34.2	34.9	—	—	—	—	—	—
2032,3	Canned food, except sea foods .....	39.7	41.1	38.3	39.0	—	—	—	—	—	—
2037	Frozen fruits and vegetables .....	37.8	39.6	36.6	38.5	—	—	—	—	—	—
204	Grain mill products .....	45.1	44.5	43.9	44.6	(*)	7.2	7.2	6.3	6.7	—
2041	Flour and other grain mill products .....	46.1	46.0	44.7	46.2	—	—	—	—	—	—
2042	Prepared feeds for animals and fowls .....	45.7	44.4	44.2	45.2	—	—	—	—	—	—
205	Bakery products .....	40.6	40.2	39.7	39.9	39.6	4.2	3.9	3.5	3.8	—
2051	Bread, cake, and related products .....	40.1	39.8	39.4	39.6	—	—	—	—	—	—
2052	Cookies and crackers .....	42.5	41.2	40.4	41.0	—	—	—	—	—	—
206	Sugar .....	42.5	43.2	40.6	41.4	—	4.7	5.4	3.2	4.3	—
207	Confectionery and related products .....	39.4	39.8	39.8	39.8	39.7	2.2	2.7	2.3	1.5	—
2071	Confectionery products .....	39.0	39.1	39.8	39.6	—	—	—	—	—	—
208	Beverages .....	41.4	40.8	41.0	41.2	(*)	4.7	4.1	4.4	4.5	—
2082	Malt liquors .....	43.6	43.2	43.8	44.0	—	—	—	—	—	—
2086	Bottled and canned soft drinks .....	41.0	39.8	39.8	40.4	—	—	—	—	—	—
209	Miscellaneous foods and kindred products .....	41.3	40.8	41.3	41.6	(*)	4.3	4.5	4.2	4.1	—
21	<b>TOBACCO MANUFACTURES</b> .....	36.8	38.1	39.6	34.2	36.9	2.2	1.7	2.8	1.7	—
211	Cigarettes .....	37.2	38.4	41.2	34.2	—	2.7	1.4	3.6	2.0	—
212	Cigars .....	37.0	36.9	36.4	36.1	—	.8	1.1	.8	.3	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	39.9	39.6	39.6	39.3	40.4	3.5	3.4	3.0	2.9	—
221	Weaving mills, cotton .....	41.9	40.8	39.8	40.2	(*)	5.0	4.1	3.2	3.5	—
222	Weaving mills, synthetics .....	41.5	39.6	39.4	39.8	(*)	4.2	3.8	2.5	2.7	—
223	Weaving and finishing mills, wool .....	40.1	39.5	40.2	40.0	(*)	2.7	2.7	3.1	3.5	—
224	Narrow fabric mills .....	39.0	39.6	39.7	38.7	(*)	2.6	3.3	2.6	2.6	—
226	Knitting mills .....	38.1	38.4	38.3	38.0	(*)	2.6	2.9	2.5	2.5	—
2251	Women's hosiery, except socks .....	36.7	36.5	37.7	37.5	—	—	—	—	—	—
2252	Hosiery, nec .....	36.9	36.5	37.5	36.8	—	—	—	—	—	—
2253	Knit outerwear mills .....	37.7	38.6	36.8	36.2	—	—	—	—	—	—
2254	Knit underwear mills .....	36.6	37.2	36.4	37.1	—	—	—	—	—	—
226	Textile finishing, except wool .....	40.0	39.7	42.9	40.6	(*)	3.2	3.5	5.1	3.7	—
227	Floor covering mills .....	40.5	40.6	40.4	40.0	—	3.4	3.5	3.6	2.8	—
228	Yarn and thread mills .....	39.0	39.2	38.9	39.1	40.5	3.2	3.1	2.7	2.6	—
229	Miscellaneous textile goods .....	41.0	41.6	41.3	39.8	(*)	3.7	3.8	3.5	2.5	—
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	35.4	35.6	35.2	35.4	35.7	1.0	1.3	1.1	.9	—
231	Men's and boys' suits and coats .....	35.7	35.3	32.7	35.0	(*)	.5	1.0	.6	.4	—
232	Men's and boys' furnishings .....	36.2	36.6	36.0	36.0	(*)	.9	1.2	.9	.7	—
2321	Men's and boys' shirts and nightwear .....	36.2	37.0	36.0	36.1	—	1.3	1.4	.8	.6	—
2327	Men's and boys' separate trousers .....	36.3	36.1	35.9	36.1	—	.7	1.2	1.1	.7	—
2328	Men's and boys' work clothing .....	36.3	36.7	36.9	35.8	—	.8	1.1	1.2	.7	—
233	Women's and misses' outerwear .....	33.7	33.6	33.3	33.7	(*)	.9	1.1	1.0	.9	—
2331	Women's and misses' blouses and waists .....	34.9	34.7	35.1	36.0	—	—	—	—	—	—
2335	Women's and misses' dresses .....	32.5	32.4	31.4	31.4	—	.8	1.0	.8	.6	—
2337	Women's and misses' suits and coats .....	33.3	33.7	33.8	34.7	—	1.1	1.2	1.1	1.3	—
2339	Women's and misses' outerwear, nec .....	35.5	35.4	35.8	36.2	—	1.0	1.2	1.3	1.1	—
234	Women's and children's undergarments .....	35.3	35.8	35.9	35.5	(*)	.8	1.2	1.1	1.0	—
2341	Women's and children's underwear .....	35.2	35.9	35.8	35.0	—	—	—	—	—	—
2342	Corsets and allied garments .....	35.8	35.8	36.1	37.4	—	—	—	—	—	—
236	Hats, caps, and millinery .....	35.7	36.1	35.6	34.9	—	.8	1.2	.9	.9	—
236	Children's outerwear .....	35.4	34.9	36.5	36.2	(*)	1.0	1.3	1.4	1.2	—
2361	Children's dresses and blouses .....	35.1	34.3	36.0	36.2	—	—	—	—	—	—
237,8	Fur goods and miscellaneous apparel .....	36.1	36.0	35.8	35.9	—	1.0	1.1	1.1	1.0	—
239	Miscellaneous fabricated textile products .....	37.1	38.4	38.0	37.5	38.4	1.7	2.4	1.8	1.5	—
2391,2	Housefurnishings .....	36.1	37.5	38.1	37.9	—	—	—	—	—	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	42.2	42.3	41.6	41.7	42.3	4.9	4.8	4.0	4.3	—
261,2,6	Paper and pulp mills .....	44.8	44.6	43.6	44.0	(*)	6.7	6.6	5.3	5.7	—
263	Paperboard mills .....	45.1	44.7	43.1	42.6	(*)	7.4	7.5	6.1	6.1	—
264	Miscellaneous converted paper products .....	40.5	41.0	39.9	40.1	(*)	3.4	3.6	2.6	2.7	—
2643	Bags, except textile bags .....	40.2	41.2	39.8	40.1	—	—	—	—	—	—
265	Paperboard containers and boxes .....	40.4	40.5	40.7	40.6	(*)	3.7	3.4	3.1	3.6	—
2651,2	Folding and setup paperboard boxes .....	39.3	40.2	39.7	39.4	—	—	—	—	—	—
2653	Corrugated and solid fiber boxes .....	40.9	40.8	40.9	40.8	—	4.1	3.7	3.5	3.7	—
2654	Sanitary food containers .....	40.0	40.2	41.4	41.6	—	—	—	—	—	—

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				
		July 1974	Aug. 1974	June 1975	July 1975 P	Aug. 1975 P	July 1974	Aug. 1974	June 1975	July 1975 P	Aug. 1975 P
	<b>NONDURABLE GOODS—Continued</b>										
27	<b>PRINTING AND PUBLISHING</b> .....	\$186.38	\$190.38	\$196.51	\$197.08	\$201.05	\$4.97	\$5.01	\$5.34	\$5.37	\$5.39
271	Newspapers .....	191.10	192.19	201.14	200.21	200.90	5.46	5.46	5.83	5.82	5.84
272	Periodicals .....	206.31	206.06	208.59	208.98	—	5.29	5.23	5.39	5.40	—
273	Books .....	168.48	172.70	168.91	169.46	—	4.32	4.35	4.59	4.63	—
275	Commercial printing .....	190.12	196.83	201.91	205.25	(*)	4.99	5.06	5.37	5.43	(*)
2751	Commercial printing, except lithographic .....	180.48	188.67	197.17	198.00	—	4.80	4.85	5.23	5.28	—
2752	Commercial printing, lithographic .....	205.88	211.38	209.24	217.74	—	5.32	5.42	5.64	5.70	—
278	Blankbooks and bookbinding .....	142.11	144.01	155.52	153.85	(*)	3.73	3.76	4.05	4.07	(*)
274,6,7,9	Other publishing and printing ind. ....	194.78	199.25	204.44	201.82	(*)	5.02	5.07	5.38	5.44	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ...	203.42	203.77	218.41	220.73	223.17	4.89	4.91	5.34	5.41	5.43
281	Industrial chemicals .....	233.49	233.14	244.67	246.19	(*)	5.43	5.46	5.91	5.99	(*)
2812	Alkalies and chlorine .....	251.78	242.10	247.38	250.26	—	5.38	5.38	5.70	5.74	—
281B	Industrial organic chemicals, nec. ....	250.99	248.67	264.09	267.39	—	5.81	5.81	6.41	6.49	—
2819	Industrial inorganic chemicals, nec. ....	218.82	221.20	230.20	234.50	—	5.26	5.33	5.67	5.79	—
282	Plastics materials and synthetics .....	198.37	195.64	214.84	218.24	(*)	4.78	4.76	5.24	5.31	(*)
2821	Plastics materials and resins .....	219.65	215.31	226.14	226.74	—	5.12	5.09	5.41	5.49	—
2823,4	Synthetic fibers .....	181.12	178.57	203.41	208.18	—	4.45	4.42	5.01	5.09	—
283	Drugs .....	186.41	191.94	203.52	204.00	205.71	4.58	4.67	5.05	5.10	5.13
2834	Pharmaceutical preparations .....	181.48	186.96	197.78	199.20	—	4.47	4.56	4.92	4.98	—
284	Soap, cleaners, and toilet goods .....	194.47	194.55	208.75	212.98	(*)	4.79	4.78	5.18	5.22	(*)
2841	Soap and other detergents .....	258.34	252.84	269.57	279.65	—	6.05	6.02	6.48	6.58	—
2844	Toilet preparations .....	153.66	156.81	170.68	169.55	—	3.91	3.94	4.31	4.26	—
285	Paints and allied products .....	182.29	185.77	201.87	203.00	(*)	4.49	4.52	4.96	5.00	(*)
287	Agricultural chemicals .....	179.76	183.58	193.86	199.13	(*)	4.28	4.34	4.66	4.81	(*)
2871,2	Fertilizers, complete and mixing only ..	173.81	177.18	181.69	189.11	—	4.08	4.13	4.41	4.59	—
286,9	Other chemical products .....	189.20	190.01	204.53	205.09	(*)	4.66	4.68	5.05	5.14	(*)
2892	Explosives .....	190.64	188.97	201.70	198.35	—	4.79	4.76	5.03	5.06	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	242.25	240.24	265.37	273.37	259.12	5.66	5.72	6.41	6.54	6.56
291	Petroleum refining .....	253.80	250.28	279.76	287.70	(*)	6.00	6.06	6.84	7.00	(*)
295,9	Other petroleum and coal products .....	206.41	209.44	216.72	225.35	221.10	4.67	4.76	5.04	5.11	5.13
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	162.81	166.46	171.94	175.92	176.95	4.06	4.09	4.32	4.42	4.38
301	Tires and inner tubes .....	239.64	247.47	233.79	252.14	253.74	5.56	5.65	5.62	5.85	5.86
302,3,6	Other rubber products .....	154.05	157.61	165.33	165.02	168.44	3.94	3.97	4.25	4.32	4.33
302	Rubber footwear .....	120.33	121.66	122.54	128.78	—	3.15	3.16	3.33	3.49	—
307	Miscellaneous plastics products .....	142.13	144.72	153.65	154.06	(*)	3.58	3.60	3.88	3.92	(*)
31	<b>LEATHER AND LEATHER PRODUCTS</b> ...	112.20	113.09	122.62	122.62	122.30	3.00	3.04	3.21	3.21	3.21
311	Leather tanning and finishing .....	152.87	156.02	174.20	168.60	(*)	3.95	3.96	4.28	4.29	(*)
314	Footwear, except rubber .....	108.38	108.19	116.28	117.81	116.21	2.89	2.94	3.06	3.06	3.05
312,3,5-7,9	Other leather products .....	109.30	111.83	120.64	119.14	(*)	2.97	2.99	3.20	3.22	(*)
316	Luggage .....	110.36	111.74	117.81	117.17	—	3.10	3.13	3.21	3.21	—
317	Handbags and personal leather goods ..	108.17	112.13	121.29	120.02	—	2.90	2.92	3.11	3.15	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	221.94	221.14	231.05	235.01	240.60	5.40	5.42	5.82	5.89	6.00
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup> .....	254.02	246.91	259.37	(*)	—	5.62	5.65	6.06	(*)	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation .....	185.51	185.32	196.83	204.27	—	4.47	4.52	4.86	4.97	—
413	Intercity highway transportation .....	236.33	230.40	234.85	241.78	—	5.75	5.76	6.10	6.28	—
42	<b>TRUCKING AND WAREHOUSING</b> .....	235.98	237.95	239.19	244.00	—	5.70	5.72	5.95	6.10	—
421,3	Trucking and trucking terminals .....	241.36	243.36	244.82	250.00	—	5.83	5.85	6.09	6.25	—
422	Public warehousing .....	167.28	168.50	168.78	171.20	—	4.07	4.07	4.23	4.28	—
46	<b>PIPE LINE TRANSPORTATION</b> .....	247.99	247.39	280.67	283.32	—	5.99	5.99	6.93	6.86	—
48	<b>COMMUNICATION</b> .....	197.07	195.69	212.46	217.33	—	4.89	4.88	5.49	5.53	—
481	Telephone communication .....	196.66	194.40	212.14	217.56	—	4.88	4.86	5.51	5.55	—
4817	Switchboard operating employees <sup>3</sup> .....	142.27	141.05	155.60	160.54	—	3.93	3.94	4.59	4.64	—
4818	Line construction employees <sup>4</sup> .....	254.46	256.38	276.27	283.39	—	5.68	5.71	6.41	6.47	—
482	Telegraph communication <sup>5</sup> .....	216.36	229.04	238.01	237.54	—	5.29	5.60	5.64	5.71	—
483	Radio and television broadcasting .....	202.10	203.21	213.17	216.94	—	5.04	5.03	5.48	5.52	—

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				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
27	<b>PRINTING AND PUBLISHING</b> .....	37.5	38.0	36.8	36.7	37.3	2.6	3.0	2.0	2.0	—
271	Newspapers .....	35.0	35.2	34.5	34.4	34.4	2.2	2.3	1.7	1.7	—
272	Periodicals .....	39.0	39.4	38.7	38.7	—	2.7	3.0	2.3	2.0	—
273	Books .....	39.0	39.7	36.8	36.6	—	3.4	3.8	1.6	1.8	—
275	Commercial printing .....	38.1	38.9	37.6	37.8	(*)	2.7	3.3	2.3	2.3	—
2751	Commercial printing, except lithographic .....	37.6	38.9	37.7	37.5	—	2.4	3.2	2.3	2.3	—
2752	Commercial printing, lithographic .....	38.7	39.0	37.1	38.2	—	3.1	3.6	2.3	2.4	—
278	Blankbooks and bookbinding .....	38.1	38.3	38.4	37.8	(*)	2.0	2.2	1.5	1.5	—
274,6,7,9	Other publishing and printing ind. ....	38.8	39.3	38.0	37.1	(*)	3.0	3.3	1.8	1.8	—
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ...	41.6	41.5	40.9	40.8	41.1	3.6	3.6	2.6	2.8	—
281	Industrial chemicals .....	43.0	42.7	41.4	41.1	(*)	4.4	4.3	2.9	3.1	—
2812	Alkalies and chlorine .....	46.8	45.0	43.4	43.6	—	—	—	—	—	—
2818	Industrial organic chemicals, nec. ....	43.2	42.8	41.2	41.2	—	4.3	4.2	2.4	2.8	—
2819	Industrial inorganic chemicals, nec. ....	41.6	41.5	40.6	40.5	—	4.1	3.7	3.1	3.3	—
282	Plastics materials and synthetics .....	41.5	41.1	41.0	41.1	(*)	3.6	3.3	2.3	2.9	—
2821	Plastics materials and resins .....	42.9	42.3	41.8	41.3	—	5.1	4.9	3.2	3.5	—
2823,4	Synthetic fibers .....	40.7	40.4	40.6	40.9	—	2.5	2.4	1.8	2.4	—
283	Drugs .....	40.7	41.1	40.3	40.0	40.1	2.8	3.0	2.0	2.0	—
2834	Pharmaceutical preparations .....	40.6	41.0	40.2	40.0	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods .....	40.6	40.7	40.3	40.8	(*)	3.1	3.0	2.3	2.6	—
2841	Soap and other detergents .....	42.7	42.0	41.6	42.5	—	—	—	—	—	—
2844	Toilet preparations .....	39.3	39.8	39.6	39.8	—	—	—	—	—	—
285	Paints and allied products .....	40.6	41.1	40.7	40.6	(*)	2.9	3.1	2.9	2.9	—
287	Agricultural chemicals .....	42.0	42.3	41.6	41.4	(*)	4.7	5.1	4.0	3.5	—
2871,2	Fertilizers, complete and mixing only ..	42.6	42.9	41.2	41.2	—	—	—	—	—	—
286,9	Other chemical products .....	40.6	40.6	40.5	39.9	(*)	2.8	3.3	2.5	2.2	—
2892	Explosives .....	39.8	39.7	40.1	39.2	—	—	—	—	—	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> ....	42.8	42.0	41.4	41.8	39.5	4.2	4.0	3.0	3.5	—
291	Petroleum refining .....	42.3	41.3	40.9	41.1	(*)	3.6	3.2	2.2	2.5	—
295,9	Other petroleum and coal products .....	44.2	44.0	43.0	44.1	43.1	6.2	6.5	5.7	6.7	—
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	40.1	40.7	39.8	39.8	40.4	3.5	3.9	2.7	2.8	—
301	Tires and inner tubes .....	43.1	43.8	41.6	43.1	43.3	5.8	6.6	4.0	4.6	—
302,3,6	Other rubber products .....	39.1	39.7	38.9	38.2	38.9	2.5	2.9	2.0	1.6	—
302	Rubber footwear .....	38.2	38.5	36.8	36.9	—	1.5	3.1	1.3	.2	—
307	Miscellaneous plastics products .....	39.7	40.2	39.6	39.3	(*)	3.2	3.5	2.5	2.8	—
31	<b>LEATHER AND LEATHER PRODUCTS</b> ...	37.4	37.2	38.2	38.2	38.1	1.8	1.8	2.1	2.1	—
311	Leather tanning and finishing .....	38.7	39.4	40.7	39.3	39.3	3.0	3.6	3.9	2.9	—
314	Footwear, except rubber .....	37.5	36.8	38.0	38.5	38.1	1.7	1.6	2.0	2.2	—
312,3,5-7,9	Other leather products .....	36.8	37.4	37.7	37.0	(*)	1.7	1.9	1.8	1.7	—
316	Luggage .....	35.6	35.7	36.7	36.5	—	1.4	1.5	1.2	1.2	—
317	Handbags and personal leather goods ..	37.3	38.4	39.0	38.1	—	1.9	2.6	2.4	2.4	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	41.1	40.8	39.7	39.9	40.1	—	—	—	—	—
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> .....	45.2	43.7	42.8	(*)	—	—	—	—	—	—
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation .....	41.5	41.0	40.5	41.1	—	—	—	—	—	—
413	Intercity highway transportation .....	41.1	40.0	38.5	38.5	—	—	—	—	—	—
42	<b>TRUCKING AND WAREHOUSING</b> .....	41.4	41.6	40.2	40.0	—	—	—	—	—	—
421,3	Trucking and trucking terminals .....	41.4	41.6	40.2	40.0	—	—	—	—	—	—
422	Public warehousing .....	41.1	41.4	39.9	40.0	—	—	—	—	—	—
46	<b>PIPE LINE TRANSPORTATION</b> .....	41.4	41.3	40.5	41.3	—	—	—	—	—	—
48	<b>COMMUNICATION</b> .....	40.3	40.1	38.7	39.3	—	—	—	—	—	—
481	Telephone communication .....	40.3	40.0	38.5	39.2	—	—	—	—	—	—
4817	Switchboard operating employees <sup>3</sup> .....	36.2	35.8	33.9	34.6	—	—	—	—	—	—
4818	Line construction employees <sup>4</sup> .....	44.8	44.9	43.1	43.8	—	—	—	—	—	—
482	Telegraph communication <sup>5</sup> .....	40.9	40.9	42.2	41.6	—	—	—	—	—	—
483	Radio and television broadcasting .....	40.1	40.4	38.9	39.3	—	—	—	—	—	—

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				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
—	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
	Electric companies and systems	\$228.38	\$227.42	\$245.32	\$245.55	—	\$5.49	\$5.52	\$5.94	\$5.96	—
491	Gas companies and systems	234.22	231.57	250.06	249.26	—	5.59	5.58	6.04	6.05	—
492	Combination companies and systems	206.23	207.36	221.05	221.50	—	5.03	5.07	5.54	5.51	—
493	Water, steam, and sanitary systems	250.43	249.49	272.39	275.28	—	6.02	6.10	6.47	6.57	—
494-7		186.30	188.03	201.62	204.05	—	4.50	4.52	4.87	4.87	—
—	<b>WHOLESALE AND RETAIL TRADE</b>										
	Wholesale trade	121.80	122.15	127.53	129.40	\$129.40	3.48	3.50	3.74	3.74	\$3.74
50	Motor vehicles and automotive equipment	176.01	176.22	187.60	188.86	190.02	4.49	4.53	4.86	4.88	4.91
501	Drugs, chemicals, and allied products	167.14	168.73	171.65	174.59	—	4.21	4.25	4.39	4.42	—
502	Dry goods and apparel	174.12	175.48	191.38	189.75	—	4.57	4.63	5.09	5.06	—
503	Groceries and related products	155.23	156.45	156.09	154.78	—	4.30	4.31	4.30	4.36	—
504	Electrical goods	170.00	166.92	182.91	186.44	—	4.25	4.28	4.69	4.72	—
506	Hardware; plumbing and heating equipment	174.84	172.97	203.81	198.86	—	4.36	4.39	5.07	5.06	—
507	Machinery, equipment, and supplies	162.78	163.50	175.34	176.48	—	4.25	4.28	4.59	4.62	—
508	Miscellaneous wholesalers	191.20	193.52	206.44	208.68	—	4.78	4.85	5.20	5.23	—
509		178.33	180.18	185.50	186.00	—	4.62	4.68	4.96	4.96	—
52-59	<b>RETAIL TRADE</b>	104.81	104.83	109.22	111.22	111.22	3.11	3.12	3.33	3.34	3.33
53	Retail general merchandise	96.04	95.43	101.41	104.00	—	3.02	3.02	3.24	3.25	—
531	Department stores	99.86	98.60	104.47	107.44	—	3.16	3.15	3.37	3.40	—
532	Mail order houses	119.63	119.63	135.12	138.10	—	3.75	3.75	4.07	4.11	—
533	Variety stores	73.20	73.33	80.52	82.19	—	2.44	2.42	2.64	2.66	—
54	Food stores	121.63	121.97	129.36	133.17	—	3.62	3.63	3.92	3.94	—
541-3	Grocery, meat, and vegetable stores	125.80	126.14	133.13	137.42	—	3.70	3.71	4.01	4.03	—
56	Apparel and accessory stores	88.96	88.09	91.81	93.92	—	2.78	2.77	3.02	3.02	—
561	Men's and boys' clothing and furnishings	111.53	105.89	117.75	120.70	—	3.29	3.18	3.59	3.68	—
562	Women's ready-to-wear stores	80.03	79.25	80.54	84.43	—	2.59	2.59	2.73	2.75	—
565	Family clothing stores	86.69	85.09	91.12	92.93	—	2.58	2.54	2.93	2.95	—
566	Shoe stores	88.30	92.61	91.10	89.67	—	2.83	2.94	3.12	3.05	—
57	Furniture and home furnishings stores	138.38	139.87	146.49	146.52	—	3.75	3.77	3.97	3.96	—
571	Furniture and home furnishings	139.13	141.37	148.40	147.66	—	3.75	3.78	4.00	3.98	—
58	Eating and drinking places <sup>6</sup>	71.07	71.30	73.25	74.50	—	2.33	2.33	2.50	2.50	—
52,55,59	Other retail trade	131.51	132.30	136.90	138.01	—	3.47	3.50	3.70	3.69	—
52	Building materials and farm equipment	141.65	143.64	148.93	150.07	—	3.55	3.60	3.78	3.78	—
551,2	Motor vehicle dealers	173.17	176.40	182.62	182.95	—	4.34	4.41	4.60	4.62	—
553,9	Other automotive and accessory dealers	145.20	144.08	150.00	151.15	—	3.55	3.54	3.75	3.76	—
591	Drug stores and proprietary stores	94.42	95.10	99.50	101.76	—	2.96	3.00	3.22	3.19	—
594	Book and stationery stores	111.49	113.16	115.56	120.04	—	3.26	3.28	3.46	3.51	—
598	Fuel and ice dealers	159.19	158.40	169.42	169.12	—	4.03	4.01	4.30	4.26	—
—	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	139.84	140.96	151.48	150.33	150.70	3.80	3.82	4.15	4.13	4.14
60	Banking	120.82	121.15	129.93	127.79	—	3.31	3.31	3.55	3.54	—
61	Credit agencies other than banks	131.03	132.55	139.13	137.63	—	3.43	3.47	3.72	3.67	—
612	Savings and loan associations	128.04	128.76	137.64	135.42	—	3.47	3.48	3.70	3.65	—
62	Security, commodity brokers and services	205.90	211.27	270.23	270.69	—	5.58	5.71	7.13	7.18	—
63	Insurance carriers	149.85	150.22	159.84	158.24	—	4.05	4.06	4.32	4.30	—
631	Life insurance	149.19	149.24	157.87	158.18	—	4.11	4.10	4.29	4.31	—
632	Accident and health insurance	144.34	144.72	146.29	144.08	—	3.88	3.88	4.03	3.98	—
633	Fire, marine, and casualty insurance	151.50	152.97	165.31	162.94	—	4.04	4.09	4.42	4.38	—

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				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>p</sup>	Aug. 1975 <sup>p</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>p</sup>	Aug. 1975 <sup>p</sup>
—	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	41.6	41.2	41.3	41.2	—	—	—	—	—	
491	Electric companies and systems	41.9	41.5	41.4	41.2	—	—	—	—	—	
492	Gas companies and systems	41.0	40.9	39.9	40.2	—	—	—	—	—	
493	Combination companies and systems	41.6	40.9	42.1	41.9	—	—	—	—	—	
494-7	Water, steam, and sanitary systems	41.4	41.6	41.4	41.9	—	—	—	—	—	
—	<b>WHOLESALE AND RETAIL TRADE</b>	35.0	34.9	34.1	34.6	34.6	—	—	—	—	
50	<b>WHOLESALE TRADE</b>	39.2	38.9	38.6	38.7	38.7	—	—	—	—	
501	Motor vehicles and automotive equipment	39.7	39.7	39.1	39.5	—	—	—	—	—	
502	Drugs, chemicals, and allied products	38.1	37.9	37.6	37.5	—	—	—	—	—	
503	Dry goods and apparel	36.1	36.3	36.3	35.5	—	—	—	—	—	
504	Groceries and related products	40.0	39.0	39.0	39.5	—	—	—	—	—	
506	Electrical goods	40.1	39.4	40.2	39.3	—	—	—	—	—	
507	Hardware; plumbing and heating equipment	38.3	38.2	38.2	38.2	—	—	—	—	—	
508	Machinery, equipment, and supplies	40.0	39.9	39.7	39.9	—	—	—	—	—	
509	Miscellaneous wholesalers	38.6	38.5	37.4	37.5	—	—	—	—	—	
52-59	<b>RETAIL TRADE</b>	33.7	33.6	32.8	33.3	33.4	—	—	—	—	
53	Retail general merchandise	31.8	31.6	31.3	32.0	—	—	—	—	—	
531	Department stores	31.6	31.3	31.0	31.6	—	—	—	—	—	
532	Mail order houses	31.9	31.9	33.2	33.6	—	—	—	—	—	
533	Variety stores	30.0	30.3	30.5	30.9	—	—	—	—	—	
54	Food stores	33.6	33.6	33.0	33.8	—	—	—	—	—	
541-3	Grocery, meat, and vegetable stores	34.0	34.0	33.2	34.1	—	—	—	—	—	
56	Apparel and accessory stores	32.0	31.8	30.4	31.1	—	—	—	—	—	
561	Men's and boys' clothing and furnishings	33.9	33.3	32.8	32.8	—	—	—	—	—	
562	Women's ready-to-wear stores	30.9	30.6	29.5	30.7	—	—	—	—	—	
565	Family clothing stores	33.6	33.5	31.1	31.5	—	—	—	—	—	
566	Shoe stores	31.2	31.5	29.2	29.4	—	—	—	—	—	
57	Furniture and home furnishings stores	36.9	37.1	36.9	37.0	—	—	—	—	—	
571	Furniture and home furnishings	37.1	37.4	37.1	37.1	—	—	—	—	—	
58	Eating and drinking places <sup>6</sup>	30.5	30.6	29.3	29.8	—	—	—	—	—	
52,55,59	Other retail trade	37.9	37.8	37.0	37.4	—	—	—	—	—	
52	Building materials and farm equipment	39.9	39.9	39.4	39.7	—	—	—	—	—	
551.2	Motor vehicle dealers	39.9	40.0	39.7	39.6	—	—	—	—	—	
553.9	Other automotive and accessory dealers	40.9	40.7	40.0	40.2	—	—	—	—	—	
591	Drug stores and proprietary stores	31.9	31.7	30.9	31.9	—	—	—	—	—	
594	Book and stationery stores	34.2	34.5	33.4	34.2	—	—	—	—	—	
598	Fuel and ice dealers	39.5	39.5	39.4	39.7	—	—	—	—	—	
—	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	36.8	36.9	36.5	36.4	36.4	—	—	—	—	
60	Banking	36.5	36.6	36.6	36.1	—	—	—	—	—	
61	Credit agencies other than banks	38.2	38.2	37.4	37.5	—	—	—	—	—	
612	Savings and loan associations	36.9	37.0	37.2	37.1	—	—	—	—	—	
62	Security, commodity brokers and services	36.9	37.0	37.9	37.7	—	—	—	—	—	
63	Insurance carriers	37.0	37.0	37.0	36.8	—	—	—	—	—	
631	Life insurance	36.3	36.4	36.8	36.7	—	—	—	—	—	
632	Accident and health insurance	37.2	37.3	36.3	36.2	—	—	—	—	—	
633	Fire, marine, and casualty insurance	37.5	37.4	37.4	37.2	—	—	—	—	—	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		July 1974	Aug. 1974	June 1975	July 1975 <sup>p</sup>	Aug. 1975 <sup>p</sup>	July 1974	Aug. 1974	June 1975	July 1975 <sup>p</sup>	Aug. 1975 <sup>p</sup>
-	<b>SERVICES</b> .....	\$128.71	\$129.06	\$136.40	\$137.20	\$137.60	\$3.72	\$3.73	\$4.00	\$4.00	\$4.00
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> .....	86.25	86.51	88.92	89.10	-	2.59	2.59	2.77	2.75	-
	Personal services:										
721	Laundries and dry cleaning plants .....	101.31	101.75	106.61	107.26	-	2.83	2.85	3.02	3.03	-
722	Photographic studios .....	105.40	106.05	103.35	100.17	-	3.10	3.11	3.18	3.16	-
	Motion pictures:										
781	Motion picture filming and distributing ...	259.85	264.47	244.72	255.71	-	6.48	6.53	6.44	6.54	-
806	Hospitals .....	121.80	121.80	129.00	133.28	-	3.47	3.49	3.75	3.83	-

<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 craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; 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 salesmen excluded from all series in this division.

\* Not available.

<sup>p</sup> preliminary.

\*\* Corrected data on *Railroad equipment* (SIC 374) for September 1974 through May 1975 are:

Item	1974					1975				
	Sept.	Oct.	Nov.	Dec.	Avg.	Jan.	Feb.	Mar.	Apr.	May
Average weekly hours .....	40.9	40.3	40.5	41.7	40.1	42.0	40.4	40.4	40.4	40.1
Average overtime hours .....	3.2	1.9	1.7	2.2	3.0	2.8	2.4	2.3	2.3	2.4
Average hourly earnings .....	\$5.72	\$5.82	\$5.90	\$6.01	\$6.66	\$5.83	\$6.02	\$5.96	\$6.11	\$6.17
Average weekly earnings .....	233.95	234.55	238.95	250.62	226.57	249.06	243.21	240.78	246.84	247.42

**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				
		July 1974	Aug. 1974	June 1975	July 1975P	Aug. 1975P	July 1974	Aug. 1974	June 1975	July 1975P	Aug. 1975P
-	<b>SERVICES</b> .....	34.6	34.6	34.1	34.3	34.4	-	-	-	-	-
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> .....	33.3	33.4	32.1	32.4	-	-	-	-	-	
	Personal services:										
721	Laundries and dry cleaning plants .....	35.8	35.7	35.3	35.4	-	-	-	-	-	
722	Photographic studios .....	34.0	34.1	32.5	31.7	-	-	-	-	-	
	Motion pictures:										
781	Motion picture filming and distributing .....	40.1	40.5	38.0	39.1	-	-	-	-	-	
806	Hospitals .....	35.1	34.9	34.4	34.8	-	-	-	-	-	

<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 1973 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 .....	5.01	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 .....	4.67	4.56	4.53	4.58	4.60	4.58	4.63	4.67	4.69	4.73	4.77	4.83	-

**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 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>				
	July 1974	Aug. 1974	June 1975	July 1975 <sup>p</sup>	Aug. 1975 <sup>p</sup>
<b>MANUFACTURING</b> . . . . .	\$4.24	\$4.26	\$4.62	\$4.64	\$4.65
<b>DURABLE GOODS</b> . . . . .	4.49	4.52	4.94	4.97	5.00
Ordnance and accessories . . . . .	4.53	4.56	5.03	5.07	-
Lumber and wood products . . . . .	3.77	3.82	4.08	4.13	-
Furniture and fixtures . . . . .	3.39	3.42	3.64	3.66	-
Stone, clay, and glass products . . . . .	4.31	4.35	4.66	4.71	-
Primary metal industries . . . . .	5.39	5.44	5.88	5.91	-
Fabricated metal products . . . . .	4.41	4.45	4.87	4.88	-
Machinery, except electrical . . . . .	4.67	4.71	5.15	5.17	-
Electrical equipment and supplies . . . . .	4.06	4.03	4.47	4.51	-
Transportation equipment . . . . .	5.19	5.24	5.76	5.79	-
Instruments and related products . . . . .	4.08	4.10	4.43	4.46	-
Miscellaneous manufacturing industries . . . . .	3.40	3.42	3.70	3.72	-
<b>NONDURABLE GOODS</b> . . . . .	3.86	3.88	4.17	4.21	4.19
Food and kindred products . . . . .	3.96	3.96	4.33	4.33	-
Tobacco manufactures . . . . .	4.24	4.03	4.73	4.58	-
Textile mill products . . . . .	3.11	3.13	3.21	3.22	-
Apparel and other textile products . . . . .	2.97	3.00	3.11	3.12	-
Paper and allied products . . . . .	4.28	4.33	4.72	4.79	-
Printing and publishing . . . . .	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-
Chemicals and allied products . . . . .	4.68	4.70	5.18	5.24	-
Petroleum and coal products . . . . .	5.39	5.46	6.19	6.28	-
Rubber and plastics products, nec . . . . .	3.89	3.90	4.18	4.27	-
Leather and leather products . . . . .	2.93	2.96	3.13	3.13	-

<sup>1</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half. p = 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					
	July 1974	June 1975	July 1975 <sup>P</sup>	Worker with no dependents			Worker with three dependents		
				July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars	\$156.56	\$163.35	\$164.98	\$125.63	\$133.35	\$134.49	\$136.00	\$147.69	\$148.96
1967 dollars	105.78	101.71	101.65	84.89	83.03	82.87	91.89	91.96	91.78
<b>MINING:</b>									
Current dollars	225.50	250.22	246.54	175.88	195.68	193.05	189.55	213.04	210.15
1967 dollars	152.36	155.80	151.90	118.84	121.84	118.95	128.07	132.65	129.48
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	253.17	261.35	269.31	195.89	203.74	209.60	211.02	221.60	227.77
1967 dollars	171.06	162.73	165.93	132.36	126.86	129.14	142.58	137.98	140.34
<b>MANUFACTURING:</b>									
Current dollars	176.80	187.54	188.25	140.19	149.94	150.43	151.56	165.81	166.34
1967 dollars	119.46	116.77	115.99	94.72	93.36	92.69	102.41	103.24	102.49
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars	221.94	231.05	235.01	173.28	181.67	184.58	186.77	198.02	201.12
1967 dollars	149.96	143.87	144.80	117.08	113.12	113.73	126.20	123.30	123.92
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	121.80	127.53	129.40	100.26	107.14	108.51	108.99	120.07	121.83
1967 dollars	82.30	79.41	79.73	67.74	66.71	66.86	73.64	74.76	75.06
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	139.84	151.48	150.33	113.45	124.66	123.82	123.08	138.83	138.10
1967 dollars	94.49	94.32	92.62	76.66	77.62	76.29	83.16	86.44	85.09
<b>SERVICES:</b>									
Current dollars	128.71	136.40	137.20	105.31	113.63	114.21	114.39	128.42	129.17
1967 dollars	86.97	84.93	84.53	71.16	70.75	70.37	77.29	79.96	79.59
<b>CONSUMER PRICE INDEX (All items, 1967 = 100)</b>	148.0	160.6	162.3	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 man-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	July 1974	Aug. 1974	June 1975	July, 1975 <sup>p</sup>	Aug., 1975 <sup>p</sup>
	Man-hours				
<b>TOTAL</b> .....	115.4	116.0	107.8	107.9	109.8
<b>GOODS-PRODUCING</b> .....	104.9	106.9	91.1	90.0	94.2
<b>MINING</b> .....	113.1	113.1	117.8	116.0	111.8
<b>CONTRACT CONSTRUCTION</b> .....	127.9	130.9	102.8	106.6	111.4
<b>MANUFACTURING</b> .....	100.6	102.5	88.1	86.2	90.6
<b>DURABLE GOODS</b> .....	101.4	101.9	86.4	83.5	87.2
Ordnance and accessories .....	47.3	47.9	47.1	44.4	43.8
Lumber and wood products .....	107.6	107.6	92.3	91.5	95.1
Furniture and fixtures .....	110.2	114.7	91.0	87.5	99.2
Stone, clay, and glass products .....	113.7	114.9	95.5	95.5	99.4
Primary metal industries .....	102.1	101.8	82.1	78.8	83.5
Fabricated metal products .....	106.0	107.8	89.2	84.4	88.8
Machinery, except electrical .....	104.7	106.4	91.4	87.3	89.4
Electrical equipment and supplies .....	102.2	100.3	82.4	79.5	83.9
Transportation equipment .....	88.6	87.2	81.5	79.6	81.3
Instruments and related products .....	113.1	115.3	100.0	97.7	98.6
Miscellaneous manufacturing .....	100.7	106.4	88.1	85.0	92.2
<b>NONDURABLE GOODS</b> .....	99.4	103.3	90.6	90.1	95.5
Food and kindred products .....	99.5	108.7	93.1	97.5	106.0
Tobacco manufactures .....	75.6	93.7	76.7	68.5	86.9
Textile mill products .....	99.6	101.0	90.4	87.7	95.0
Apparel and other textile products .....	89.0	93.1	82.9	80.4	85.5
Paper and allied products .....	103.0	103.9	88.9	88.6	92.5
Printing and publishing .....	98.5	100.3	91.1	89.6	91.8
Chemicals and allied products .....	105.0	106.0	94.9	94.1	96.8
Petroleum and coal products .....	112.6	109.9	106.0	109.2	103.2
Rubber and plastics products, nec .....	131.1	136.1	109.0	107.3	113.5
Leather and leather products .....	77.7	80.2	75.0	71.6	76.3
<b>SERVICE-PRODUCING</b> .....	122.7	122.3	119.4	120.2	120.7
<b>TRANSPORTATION AND PUBLIC   UTILITIES</b> .....	111.9	111.0	102.6	102.6	103.0
<b>WHOLESALE AND RETAIL TRADE</b> .....	119.4	119.0	115.4	116.5	116.6
<b>WHOLESALE TRADE</b> .....	117.5	116.9	112.6	113.2	113.2
<b>RETAIL TRADE</b> .....	120.1	119.7	116.4	117.7	117.8
<b>FINANCE, INSURANCE, AND   REAL ESTATE</b> .....	126.0	126.0	123.0	123.0	123.4
<b>SERVICES</b> .....	131.1	130.9	131.5	132.7	133.5

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

p = preliminary.

**C-6. Indexes of aggregate weekly man-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	July 1974	Aug. 1974	June 1975	July 1975 <sup>P</sup>	Aug. 1975 <sup>P</sup>
	Payrolls				
<b>TOTAL</b> .....	181.9	184.3	181.3	182.1	186.8
<b>GOODS-PRODUCING</b> .....	167.9	173.1	156.6	156.2	164.7
<b>MINING</b> .....	185.1	187.0	216.6	213.7	206.0
<b>CONTRACT CONSTRUCTION</b> .....	207.8	218.4	179.4	187.3	198.9
<b>MANUFACTURING</b> .....	157.1	160.9	148.5	146.0	154.3
<b>DURABLE GOODS</b> .....	158.0	160.2	146.4	142.1	150.1
Ordnance and accessories .....	69.9	71.2	76.8	72.5	72.3
Lumber and wood products .....	180.1	182.4	165.6	165.9	174.5
Furniture and fixtures .....	165.4	174.3	145.4	140.0	159.9
Stone, clay, and glass products .....	183.7	187.5	164.9	167.1	174.0
Primary metal industries .....	172.8	174.4	149.1	143.7	157.5
Fabricated metal products .....	163.5	168.8	150.3	142.5	151.7
Machinery, except electrical .....	160.4	165.2	152.4	145.9	150.9
Electrical equipment and supplies .....	153.6	150.5	135.7	131.5	140.4
Transportation equipment .....	140.0	138.8	141.1	138.8	143.2
Instruments and related products .....	166.6	171.1	158.7	156.0	158.0
Miscellaneous manufacturing .....	149.6	159.7	141.7	137.0	149.4
<b>NONDURABLE GOODS</b> .....	155.5	162.3	151.9	152.6	161.4
Food and kindred products .....	157.6	171.8	159.9	167.9	182.1
Tobacco manufactures .....	145.6	170.4	165.6	141.7	167.9
Textile mill products .....	157.5	160.5	146.6	142.4	155.5
Apparel and other textile products .....	131.9	140.1	129.2	125.2	133.6
Paper and allied products .....	162.3	165.6	153.2	155.2	163.2
Printing and publishing .....	149.3	153.2	148.2	146.8	151.0
Chemicals and allied products .....	165.4	167.5	163.4	164.2	169.3
Petroleum and coal products .....	178.1	175.8	190.0	199.7	189.4
Rubber and plastics products, nec .....	193.8	202.5	171.6	172.8	181.3
Leather and leather products .....	112.6	117.8	116.6	111.3	118.5
<b>SERVICE-PRODUCING</b> .....	193.9	194.0	202.6	204.5	205.9
<b>TRANSPORTATION AND PUBLIC   UTILITIES</b> .....	186.9	185.8	184.7	186.9	191.1
<b>WHOLESALE AND RETAIL TRADE</b> .....	185.0	185.4	192.1	194.2	194.6
<b>WHOLESALE TRADE</b> .....	183.3	184.3	190.3	192.0	193.1
<b>RETAIL TRADE</b> .....	185.9	186.0	193.1	195.5	195.4
<b>FINANCE, INSURANCE, AND   REAL ESTATE</b> .....	185.2	186.3	197.7	196.6	197.5
<b>SERVICES</b> .....	213.3	213.3	229.8	232.1	233.4

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

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

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**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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>p</sup>	Aug. <sup>p</sup>
<b>TOTAL</b> .....	36.7	36.7	36.6	36.2	36.4	36.2	36.0	35.9	36.0	36.0	36.0	36.1	36.3
<b>MINING</b> .....	42.9	43.4	43.4	36.4	41.0	42.4	42.5	41.8	41.2	42.6	42.3	41.8	40.3
<b>CONTRACT CONSTRUCTION</b> .....	36.4	36.5	37.2	37.1	37.5	37.1	36.6	34.9	36.7	36.9	35.7	36.3	36.6
<b>MANUFACTURING</b> .....	40.2	40.0	40.1	39.5	39.4	39.2	38.8	38.8	39.1	39.0	39.1	39.5	39.8
<i>Overtime hours</i> .....	3.4	3.3	3.2	2.8	2.7	2.3	2.3	2.3	2.3	2.4	2.4	2.6	2.7
<b>DURABLE GOODS</b> .....	40.9	40.8	40.7	40.2	40.2	40.0	39.6	39.4	39.7	39.4	39.6	39.8	40.4
<i>Overtime hours</i> .....	3.6	3.5	3.4	3.0	2.8	2.5	2.4	2.3	2.4	2.2	2.3	2.4	2.7
Ordnance and accessories .....	41.3	41.5	41.4	41.9	41.8	42.1	41.2	41.2	41.3	41.1	41.6	40.3	41.2
Lumber and wood products .....	39.9	39.2	38.9	38.5	38.1	37.9	38.6	37.8	38.8	38.9	39.2	39.2	39.8
Furniture and fixtures .....	38.9	38.8	38.6	37.7	37.3	36.4	36.3	36.5	37.2	37.5	37.7	37.7	38.5
Stone, clay, and glass products .....	41.3	41.3	41.4	41.2	41.0	40.9	40.2	39.6	40.3	40.2	40.3	40.6	40.6
Primary metal industries .....	41.8	42.1	42.2	41.7	41.1	40.5	40.2	39.9	39.6	39.3	39.5	39.6	40.8
Fabricated metal products .....	41.0	41.2	41.0	40.4	40.6	40.4	39.7	39.8	39.7	39.4	39.5	39.6	39.9
Machinery, except electrical .....	42.7	42.7	42.4	42.3	42.1	41.8	41.2	40.8	40.9	40.4	40.4	40.5	41.0
Electrical equipment and supplies .....	39.6	39.8	39.7	39.4	39.5	39.4	39.0	39.2	39.4	39.1	39.3	39.5	39.4
Transportation equipment .....	40.7	40.2	40.6	39.5	39.5	39.5	39.1	39.0	40.4	39.5	39.8	40.7	41.7
Instruments and related products .....	40.4	40.1	39.9	39.9	29.8	39.5	38.9	39.0	39.1	39.2	39.4	39.5	39.5
Miscellaneous manufacturing industries .....	38.7	38.6	38.4	38.0	38.1	38.1	37.6	37.7	38.2	38.2	38.5	38.2	38.3
<b>NONDURABLE GOODS</b> .....	39.2	39.0	39.0	38.4	38.2	38.0	37.7	37.9	38.0	38.3	38.7	38.8	39.1
<i>Overtime hours</i> .....	3.1	3.0	2.9	2.5	2.5	2.2	2.1	2.2	2.2	2.5	2.7	2.7	2.9
Food and kindred products .....	40.4	40.3	40.3	40.0	40.0	39.9	39.9	40.3	39.9	39.9	40.0	40.1	40.0
Tobacco manufactures .....	37.6	38.5	37.0	37.4	37.7	37.3	37.6	39.1	38.4	36.9	39.4	34.4	36.4
Textile mill products .....	39.5	39.2	38.3	37.6	36.6	36.0	36.1	36.8	37.8	38.9	39.2	39.6	40.3
Apparel and other textile products .....	35.3	35.3	35.4	34.4	34.2	34.0	33.6	33.7	34.3	34.4	35.1	35.3	35.4
Paper and allied products .....	42.1	41.9	41.7	41.3	41.2	41.1	40.5	40.4	40.4	40.9	41.5	41.7	42.1
Printing and publishing .....	37.8	37.6	37.7	37.4	37.3	37.5	37.2	36.9	36.8	36.7	36.7	36.7	37.2
Chemicals and allied products .....	41.8	41.5	41.4	41.2	41.0	40.6	40.5	40.4	40.3	40.6	40.8	41.0	41.3
Petroleum and coal products .....	41.9	42.2	42.6	42.2	42.3	42.0	41.9	41.8	40.9	41.4	41.2	41.2	39.4
Rubber and plastics products, nec .....	40.7	40.5	40.8	39.8	39.5	39.5	38.7	38.6	39.1	39.5	39.6	40.1	40.4
Leather and leather products .....	37.2	36.7	37.0	36.6	36.1	35.7	35.3	35.1	36.5	36.6	37.6	37.7	38.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.5	40.4	40.4	39.9	40.1	40.2	39.9	39.9	39.9	39.3	39.4	39.5	39.8
<b>WHOLESALE AND RETAIL TRADE</b> .....	34.1	34.1	33.9	33.9	34.0	33.8	33.9	33.9	33.7	33.9	33.8	33.7	33.8
<b>WHOLESALE TRADE</b> .....	38.7	38.9	38.7	38.6	38.6	38.7	38.6	38.5	38.6	38.6	38.5	38.5	38.5
<b>RETAIL TRADE</b> .....	32.6	32.5	32.4	32.4	32.4	32.3	32.3	32.4	32.2	32.5	32.4	32.2	32.4
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	36.8	36.9	36.7	36.7	36.9	37.1	36.9	36.6	36.2	36.4	36.5	36.3	36.3
<b>SERVICES</b> .....	34.1	34.1	33.9	34.0	34.0	34.2	34.1	34.0	33.9	34.0	34.0	33.7	33.9

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

p = preliminary.

C-8. Indexes of aggregate weekly man-hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

[1967 = 100]

Industry division and group	1974					1975							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>p</sup>	Aug. <sup>p</sup>
<b>TOTAL</b> .....	113.4	113.4	113.0	111.2	109.7	108.7	106.7	105.5	105.6	106.0	105.8	105.7	107.3
<b>GOODS-PRODUCING</b> .....	103.8	103.7	103.0	99.4	96.5	94.1	90.0	88.0	88.9	89.2	88.8	89.1	91.3
<b>MINING</b> .....	109.9	112.3	114.0	95.8	100.9	113.3	113.5	112.1	109.5	114.9	113.6	112.9	108.7
<b>CONTRACT CONSTRUCTION</b> .....	115.6	115.2	116.5	114.4	113.1	111.9	103.4	94.9	99.4	100.3	95.4	96.1	98.5
<b>MANUFACTURING</b> .....	101.6	101.3	100.3	96.9	93.4	90.3	86.9	85.9	86.3	86.4	86.8	87.1	89.5
<b>DURABLE GOODS</b> .....	102.5	102.5	101.7	98.1	94.4	91.0	86.9	85.8	85.7	84.8	84.8	84.5	87.3
Ordnance and accessories .....	47.7	49.1	49.0	49.0	49.5	49.3	48.2	48.2	48.3	48.1	47.5	44.9	43.7
Lumber and wood products .....	103.4	99.9	95.8	90.6	87.8	84.1	83.0	81.9	83.7	86.3	87.7	89.0	91.3
Furniture and fixtures .....	112.3	111.0	107.4	100.6	96.1	89.2	86.3	85.4	87.7	86.3	89.7	90.4	97.2
Stone, clay, and glass products .....	110.6	108.8	107.7	105.2	101.7	98.1	93.9	91.0	92.4	92.4	92.2	93.3	95.9
Primary metal industries .....	102.6	104.6	105.0	102.3	97.7	94.0	89.5	86.1	83.1	80.9	80.0	78.3	83.9
Fabricated metal products .....	108.1	107.8	105.8	101.9	98.4	93.4	90.1	88.9	88.6	87.4	87.5	86.3	89.0
Machinery, except electrical .....	109.2	109.9	109.7	108.5	106.0	103.3	99.3	96.6	95.1	91.9	90.4	89.0	91.7
Electrical equipment and supplies .....	100.8	102.5	101.2	96.3	92.3	89.2	84.6	83.7	82.9	81.8	81.9	81.7	84.4
Transportation equipment .....	91.1	90.5	92.0	87.0	81.9	78.4	73.1	75.6	78.3	78.3	79.6	80.6	82.6
Instruments and related products .....	115.8	114.2	113.0	111.3	108.9	106.8	102.1	100.0	100.0	98.9	99.4	99.3	98.9
Miscellaneous manufacturing, Ind. ....	103.0	101.3	98.7	94.6	90.2	88.5	86.0	85.1	85.9	86.5	87.4	88.2	89.3
<b>NONDURABLE GOODS</b> .....	100.2	99.5	98.2	95.0	92.0	89.3	86.8	86.1	87.1	88.7	89.7	90.8	92.6
Food and kindred products .....	97.3	97.9	97.4	95.6	94.7	93.0	92.4	93.4	92.9	93.6	93.7	94.6	95.1
Tobacco manufactures .....	84.5	82.5	83.1	81.4	83.4	86.4	85.8	86.5	83.6	80.3	84.4	77.3	79.2
Textile mill products .....	100.4	98.8	93.7	89.5	83.9	78.7	76.9	78.0	82.2	87.1	88.5	89.8	94.4
Apparel and other textile products .....	91.7	91.3	90.3	85.9	81.3	78.8	76.1	75.3	77.9	79.3	81.8	84.0	84.2
Paper and allied products .....	102.5	101.8	99.3	96.8	94.4	92.0	88.0	85.8	85.0	86.5	87.4	88.9	91.2
Printing and publishing .....	100.2	99.1	99.1	96.9	96.4	96.6	94.5	92.9	92.1	91.4	90.8	90.2	92.0
Chemicals and allied products .....	106.0	105.5	105.1	103.3	100.3	97.1	95.4	93.2	92.2	93.5	93.7	94.3	96.6
Petroleum and coal products .....	105.4	106.1	108.0	107.0	106.4	100.5	97.7	101.7	98.7	101.6	102.8	103.6	99.1
Rubber and plastics products, nec .....	135.8	134.1	134.6	125.3	118.6	114.7	105.1	101.3	103.8	106.3	107.5	109.6	113.4
Leather and leather products .....	78.6	76.6	75.7	74.8	71.9	68.7	65.8	64.2	67.4	68.8	71.7	72.5	74.6
<b>SERVICE-PRODUCING</b> .....	120.0	120.2	119.9	119.4	118.9	118.9	118.2	117.7	117.2	117.5	117.5	117.2	118.3
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	109.3	108.4	108.9	107.5	107.1	105.9	103.9	102.6	102.5	100.6	100.4	100.5	101.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	116.7	116.8	116.3	115.4	114.2	113.8	113.4	113.3	112.8	113.7	113.8	113.7	114.5
<b>WHOLESALE TRADE</b> .....	115.2	115.8	115.4	114.9	114.5	114.0	113.0	112.2	112.5	112.3	111.5	111.6	111.0
<b>RETAIL TRADE</b> .....	117.2	117.2	116.6	115.6	114.1	113.7	113.5	113.7	112.9	114.2	114.6	114.4	115.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	123.7	124.3	123.8	123.0	123.7	124.2	123.2	121.8	120.4	121.1	121.4	120.5	120.9
<b>SERVICES</b> .....	128.3	129.0	128.7	129.2	129.3	130.2	129.9	129.5	129.0	129.5	129.3	128.9	130.5

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

p = preliminary.

C-9. Man-hours of wage and salary workers<sup>1</sup> in nonagricultural establishments, by industry division

Industry division	Annual rate Millions of man-hours <sup>2</sup>			Percent change <sup>3</sup>		
	June 1975	July 1975 <sup>p</sup>	August 1975 <sup>p</sup>	August 1974 to August 1975	June 1975 to July 1975	July 1975 to August 1975
<b>TOTAL - ALL INDUSTRIES</b> .....	145,037	145,099	146,992	- 3.1	0.5	16.8
<b>TOTAL - PRIVATE</b> .....	115,954	115,884	117,378	- 4.8	- 0.7	16.6
<b>MINING</b> .....	1,562	1,552	1,500	- 0.5	- 7.3	-33.5
<b>CONTRACT CONSTRUCTION</b> .....	6,342	6,399	6,538	-12.9	11.4	29.3
<b>MANUFACTURING</b> .....	36,939	36,982	37,735	- 9.9	1.4	27.4
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,166	9,181	9,248	- 6.5	2.0	9.1
<b>WHOLESALE AND RETAIL TRADE</b> .....	29,748	29,702	29,953	- 1.6	- 1.8	10.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	7,884	7,835	7,851	- 1.6	- 7.2	2.3
<b>SERVICES</b> .....	24,314	24,232	24,554	2.1	- 3.9	17.2
<b>GOVERNMENT</b> .....	29,083	29,215	29,614	4.4	5.6	17.7

<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 man-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.

SOURCE: Bureau of Labor Statistics, Office of Productivity and Technology.

**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**

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

[1967 = 100]

Item	Annual average		Quarterly indexes											
			1972	1973				1974				1975		
	1973	1974	IV	I	II	III	IV	I	II	III	IV	I	II	
<b>Total private:</b>														
Output per man-hour	115.2	112.1	114.3	115.8	115.1	114.8	115.0	112.7	112.8	112.2	110.8	110.8	112.0r	
Output	125.8	122.8	122.0	124.8	125.6	126.1	126.8	123.9	124.0	123.2	119.9	116.2	116.6r	
Man-hours	109.3	109.5	106.7	107.8	109.1	109.9	110.3	109.9	109.9	109.8	108.2	104.9	104.1r	
Compensation per man-hour <sup>1</sup>	150.9	164.2	143.2	147.7	149.4	151.6	154.9	157.7	162.5	166.7	170.2	174.6	177.9r	
Real compensation per man-hour <sup>2</sup>	113.4	111.2	112.9	114.7	113.6	112.8	112.6	111.4	111.8	111.3	110.3	111.1	111.5r	
Unit labor costs	131.1	146.5	125.4	127.6	129.8	132.1	134.7	139.9	144.1	148.5	153.6	157.6	158.9r	
Unit nonlabor payments <sup>3</sup>	124.2	134.0	119.0	120.0	122.5	125.7	128.5	130.0	131.3	135.0	139.9	141.6	144.4r	
Implicit price deflator <sup>4</sup>	128.4	141.6	122.9	124.7	126.9	129.6	132.3	136.1	139.2	143.3	148.3	151.4	153.3	
<b>Private nonfarm:</b>														
Output per man-hour	113.7	110.6	113.1	114.1	113.7	113.6	113.4	111.6	111.0	110.3	109.4	108.9	110.4r	
Output	126.3	123.1	122.4	125.1	126.0	126.8	127.2	124.4	124.1	123.4	120.4	116.2	116.9r	
Man-hours	111.1	111.3	108.2	109.6	110.9	111.7	112.2	111.5	111.8	111.8	110.1	106.8	105.8r	
Compensation per man-hour <sup>1</sup>	148.8	162.1	141.7	145.4	147.3	149.7	152.8	156.1	160.4	164.2	167.9	171.7	175.0r	
Real compensation per man-hour <sup>2</sup>	111.8	109.7	111.6	112.9	112.0	111.4	111.1	110.3	110.3	109.6	108.9	109.2	109.7r	
Unit labor costs	130.9	146.6	125.2	127.4	129.6	131.8	134.7	139.9	144.4	148.8	153.5	157.7	158.5r	
Unit nonlabor payments <sup>3</sup>	117.9	129.1	117.2	116.4	117.0	117.9	120.2	122.6	127.4	131.4	135.5	140.0	142.6	
Implicit price deflator <sup>4</sup>	126.0	140.0	122.2	123.3	124.9	126.5	129.2	133.3	138.0	142.2	146.7	151.0	152.5	
<b>Manufacturing:</b>														
Output per man-hour	128.3	129.3	124.5	127.1	128.2	129.2	128.6	128.2	129.8	129.4	129.1	126.5	126.5r	
Output <sup>5</sup>	132.6	131.8	125.2	129.9	132.3	133.9	134.3	132.3	132.9	132.8	127.8	116.2	114.6r	
Man-hours	103.4	101.9	100.6	102.2	103.2	103.6	104.4	103.2	102.4	102.6	99.0	91.9	90.6	
Compensation per man-hour <sup>1</sup>	147.3	161.2	140.4	143.4	145.9	148.1	151.6	154.0	159.4	163.3	168.7	174.3	177.8r	
Real compensation per man-hour <sup>2</sup>	110.6	109.1	110.6	111.3	110.9	110.2	110.2	108.7	109.6	109.1	109.4	110.9	111.5r	
Unit labor costs	114.8	124.6	112.8	112.8	113.8	114.6	117.9	120.1	122.8	126.2	130.7	137.8	140.6r	
<b>Nonfinancial corporations:</b>														
Output per man-hour	120.6	118.0	118.7	120.7	120.8	120.8	120.3	118.5	118.5	117.7	117.1	118.2	120.9p	
Output	132.3	129.1	126.9	130.7	132.3	132.9	133.4	130.6	130.2	129.5	126.0	121.4	122.8p	
Man-hours	109.7	109.4	107.0	108.3	109.5	110.0	110.9	110.2	109.9	110.0	107.6	102.7	101.5p	
Compensation per man-hour <sup>1</sup>	150.1	163.3	142.4	146.5	148.7	151.1	154.1	157.1	161.5	165.3	169.5	174.4	177.7	
Real compensation per man-hour <sup>2</sup>	112.8	110.6	112.2	113.7	113.1	112.4	112.1	111.0	111.1	110.4	109.9	111.0	111.4p	
Total unit costs <sup>6</sup>	125.2	139.0	121.6	122.5	124.1	125.9	128.5	133.0	136.7	140.9	145.5	150.0	150.2p	
Unit labor costs	124.4	138.4	120.0	121.4	123.1	125.1	128.1	132.6	136.4	140.4	144.8	147.5	147.0p	
Unit nonlabor costs <sup>7</sup>	127.7	140.9	126.8	125.7	127.1	128.3	129.9	134.2	137.9	142.4	147.9	157.4	160.2p	
Unit profits <sup>8</sup>	90.8	89.2	91.1	91.9	91.3	90.2	89.7	86.8	90.9	90.6	88.8	87.3	94.2p	
Implicit price deflator <sup>4</sup>	120.0	131.5	117.0	117.8	119.1	120.5	122.6	126.0	129.8	133.3	137.0	140.5	141.8p	

<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 man-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.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.

C-11. Percent changes from preceding quarter and year in output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted at annual rate<sup>1</sup>

Item	Quarterly percent change						Annual percent change					
	IV 1973 to I 1974	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	I 1973 to I 1974	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
	<b>Total private:</b>											
Output per man-hour	- 7.6	0.1	- 1.9	- 5.1	0.0	4.3r	- 2.6	- 2.1	- 2.2	- 3.7	- 1.7	- 0.7r
Output	- 8.8	0.1	- 2.4	-10.4	-11.8	1.5r	- 0.7	- 1.3	- 2.3	- 5.5	- 6.3	- 5.9r
Man-hours	- 1.3	0.0	- 0.5	- 5.6	-11.8	- 2.8r	1.9	0.8	- 0.1	- 1.9	- 4.6	- 5.3r
Compensation per man-hour <sup>2</sup>	7.6	12.7	10.7	8.6	10.8	7.8r	6.8	8.8	10.0	9.9	10.7	9.5r
Real compensation per man-hour <sup>3</sup>	- 4.1	1.2	- 1.5	- 3.5	2.7	1.7r	- 2.8	- 1.6	- 1.3	- 2.0	- 0.3	- 0.2r
Unit labor costs	16.5	12.6	12.8	14.4	10.7	3.3r	9.6	11.1	12.4	14.1	12.6	10.2r
Unit nonlabor payments <sup>4</sup>	4.7	4.2	11.5	15.4	5.1	8.0r	8.3	7.2	7.4	8.9	9.0	9.9r
Implicit price deflator <sup>5</sup>	11.9	9.5	12.3	14.8	8.6	5.0	9.1	9.6	10.6	12.1	11.3	10.1
<b>Private nonfarm:</b>												
Output per man-hour	- 6.3	- 2.0	- 2.5	- 3.4	- 1.8	5.8r	- 2.2	- 2.3	- 2.9	- 3.6	- 2.4	- 0.6r
Output	- 8.6	- 0.8	- 2.4	- 9.3	-13.1	2.1r	- 0.6	- 1.5	- 2.7	- 5.3	- 6.5	- 5.9r
Man-hours	- 2.4	1.2	0.1	- 6.1	-11.5	- 3.5r	1.7	0.8	0.1	- 1.9	- 4.2	- 5.3r
Compensation per man-hour <sup>2</sup>	8.8	11.4	9.8	9.4	9.4	7.8r	7.3	8.8	9.7	9.9	10.0	9.1r
Real compensation per man-hour <sup>3</sup>	- 3.0	0.0	- 2.3	- 2.8	1.3	1.7r	- 2.3	- 1.6	- 1.6	- 2.0	- 0.9	- 0.5r
Unit labor costs	16.2	13.7	12.6	13.3	11.4	1.9r	9.8	11.4	12.9	13.9	12.7	9.7r
Unit nonlabor payments <sup>4</sup>	8.1	16.6	13.1	13.1	13.9	7.9r	5.3	8.9	11.4	12.7	14.2	12.0r
Implicit price deflator <sup>5</sup>	13.3	14.7	12.8	13.2	12.3	4.0r	8.2	10.5	12.4	13.5	13.2	10.5
<b>Manufacturing:</b>												
Output per man-hour	- 1.3	5.3	- 1.2	- 1.0	- 7.9	0.0r	0.8	1.3	0.2	0.4	- 1.3	- 2.6r
Output <sup>6</sup>	- 5.8	1.8	- 0.3	-14.2	-31.7	- 5.4r	1.8	0.5	- 0.8	- 4.8	-12.2	-13.8r
Man-hours	- 4.6	- 3.3	0.9	-13.4	-25.8	- 5.4r	1.0	- 0.8	- 1.0	- 5.2	-11.0	-11.5
Compensation per man-hour <sup>2</sup>	6.5	14.9	10.2	13.9	13.8	8.3r	7.4	9.3	10.3	11.3	13.2	11.5r
Real compensation per man-hour <sup>3</sup>	- 5.3	3.3	- 1.9	1.2	5.4	2.2r	- 2.3	- 1.1	- 1.0	- 0.7	2.0	1.7r
Unit labor costs	7.9	9.1	11.5	15.0	23.6	8.3r	6.5	7.9	10.1	10.9	14.7	14.5r
<b>Nonfinancial corporations:</b>												
Output per man-hour	- 5.9	- 0.2	- 2.6	- 2.1	3.9	9.5p	- 1.8	- 1.9	- 2.6	- 2.7	- 0.3	2.1p
Output	- 8.1	- 1.4	- 2.1	-10.2	-13.9	4.5p	- 0.1	- 1.6	- 2.6	- 5.5	- 7.0	- 5.7p
Man-hours	- 2.4	- 1.2	0.5	- 8.3	-17.1	- 4.5p	1.7	0.3	0.0	- 2.9	- 6.8	- 7.6p
Compensation per man-hour <sup>2</sup>	8.1	11.7	9.7	10.5	12.2	7.8p	7.3	8.7	9.4	10.0	11.0	10.0p
Real compensation per man-hour <sup>3</sup>	- 3.9	- 0.5	- 2.4	- 1.8	3.8	1.7p	- 2.4	- 1.7	- 1.8	- 1.9	0.0	0.3p
Total unit costs <sup>7</sup>	14.6	11.8	12.9	13.7	12.8	0.7p	8.6	10.2	12.0	13.2	12.8	9.9p
Unit labor costs	14.9	11.9	12.5	12.9	7.9	- 1.5p	9.2	10.8	12.3	13.0	11.3	7.8p
Unit nonlabor costs <sup>8</sup>	13.9	11.4	13.9	16.1	28.4	7.3p	6.8	8.5	11.0	13.8	17.3	16.2p
Unit profits <sup>9</sup>	-12.3	20.2	- 1.0	- 7.7	- 6.8	35.7p	- 5.6	- 0.5	0.4	- 0.9	0.6	3.7p
Implicit price deflator <sup>5</sup>	11.4	12.6	11.3	11.3	10.7	3.7p	6.9	9.0	10.7	11.7	11.5	9.2p

<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 man-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.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.

**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	106.3	102.0	105.6	101.4	107.2	102.9	106.1	101.8
1969	113.3	103.2	113.7	103.5	116.5	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	105.0
1972	137.8	110.0	137.2	109.5	146.2	116.7	135.4	108.1
1973	146.6	110.1	147.5	110.8	154.5	116.1	143.6	107.9
1974	158.4	107.2	162.9	110.3	163.7	110.8	155.9	105.6
1974: August	159.8	106.6	164.7	109.9	167.0	111.4	157.6	105.1
September	162.6	107.2	167.6	110.5	170.4	112.3	159.6	105.2
October	163.1	106.6	167.3	109.4	170.1	111.2	160.9	105.2
November	163.8	106.1	167.9	108.8	169.7	110.0	162.2	105.1
December	165.3	106.4	173.4	111.6	170.3	109.6	164.2	105.6
1975: January	166.3	106.5	176.0	112.7	169.8	108.8	165.3	105.9
February	167.4	106.5	177.7	113.1	167.8	106.8	166.2	105.7
March	168.5	106.8	178.1	112.9	171.3	108.6	167.6	106.2
April	168.9	106.5	178.8	112.7	171.4	108.1	168.3	106.1
May	170.2	106.9	180.9	113.6	172.9	108.5	169.4	106.4
June	171.6	106.8	182.1	113.4	174.6	108.7	170.5	106.2
July <sup>p</sup>	172.4	106.2	183.0	112.7	175.9	108.4	171.5	105.7
August <sup>p</sup>	173.5	(*)	183.9	(*)	178.9	(*)	172.6	(*)
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	90.5	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	119.0	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	155.5	116.8	143.0	107.4	138.4	104.0	150.1	112.8
1974	167.0	113.1	155.1	105.0	148.4	100.4	162.3	109.9
1974: August	167.1	111.5	156.7	104.5	149.0	99.4	162.7	108.5
September	171.4	113.0	159.2	104.9	152.5	100.5	166.0	109.4
October	172.8	113.0	159.6	104.3	152.2	99.5	165.6	108.2
November	172.7	111.9	160.0	103.7	152.9	99.1	166.6	108.0
December	173.5	111.7	160.7	103.4	155.2	99.9	168.3	108.3
1975: January	174.1	111.5	162.6	104.1	155.7	99.8	168.9	108.2
February	175.5	111.7	164.0	104.3	158.3	100.7	171.0	108.8
March	175.8	111.4	164.5	104.2	159.7	101.2	171.4	108.6
April	176.3	111.2	165.1	104.1	158.9	100.2	171.5	108.1
May	178.0	111.8	166.8	104.7	160.3	100.6	172.3	108.2
June	179.6	111.8	167.9	104.5	162.4	101.1	173.9	108.3
July <sup>p</sup>	181.4	111.7	168.3	103.7	161.4	99.5	174.6	107.5
August <sup>p</sup>	184.4	(*)	168.5	(*)	161.7	(*)	174.7	(*)

<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	83.8	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		
	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June
Average hourly compensation:									
All persons, total private economy	7.2	7.8	8.1	6.8	8.8	10.0	9.9	10.7	9.3
All employees, private nonfarm economy:									
Current dollars	7.1	7.5	7.9	7.3	8.7	9.4	9.8	10.0	9.0
1967 dollars	1.5	.6	-4	-2.3	-1.7	1.8	-2.1	-.9	-6
Average hourly earnings, private nonfarm economy <sup>2</sup> :	6.4	7.1	6.9	7.1	7.4	8.1	8.5	8.3	7.4
Mining	6.6	7.4	7.9	8.6	10.2	11.4	9.6	14.1	12.6
Contract construction	5.5	6.4	4.7	3.8	5.3	7.0	7.6	8.2	8.1
Manufacturing	6.7	7.1	6.8	6.0	7.1	9.2	10.1	10.7	9.6
Transportation and public utilities	8.4	8.8	7.7	7.6	6.9	7.0	8.0	8.1	8.8
Wholesale and retail trade	6.0	6.7	7.2	7.2	8.2	9.1	9.2	9.6	8.5
Finance, insurance, and real estate	3.8	4.7	4.8	4.9	6.1	7.1	8.1	9.0	9.3
Services	6.8	7.5	7.2	8.2	8.8	8.1	8.4	8.5	7.2
Average hourly earnings, private nonfarm economy <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.1	6.8	6.7	6.9	7.7	8.5	9.1	9.6	9.0
1967 dollars	.6	-1	-1.6	-2.7	-2.6	-2.7	-2.7	-1.3	-6
Mining	7.3	7.8	8.3	9.1	10.2	11.2	11.6	13.6	12.4
Contract construction	5.6	6.3	4.9	3.9	5.3	7.0	7.7	8.4	8.1
Manufacturing	5.7	6.3	6.6	6.8	8.1	9.4	10.4	11.0	10.3
Transportation and public utilities	8.4	8.7	7.7	7.7	7.0	6.9	8.0	7.9	8.5
Wholesale and retail trade	6.0	6.5	6.9	7.3	8.0	9.0	9.2	9.7	8.7
Finance, insurance, and real estate	4.2	5.0	5.3	5.7	6.5	7.8	8.7	9.8	9.7
Services	6.7	7.5	7.2	8.0	8.6	7.8	8.1	8.4	7.0
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	5.9	6.7	9.8	(*)	7.5	(*)	(*)	(*)	(*)
Average union scales, 7 building trades: <u>4/</u>									
Wages and selected benefits	5.9	6.1	5.5	5.5	8.1	8.5	9.4	9.7	10.4
Hourly wage rates	4.7	4.9	4.4	4.5	7.4	8.2	8.6	8.7	9.1
Wage rates, hired farm labor	8.6	8.4	9.8	12.4	11.9	12.1	9.9	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	6.5	6.8	6.2	6.1	6.0	7.0	7.0	6.3	5.5
1967 dollars	.9	(5)	-2.0	-3.4	-4.1	-4.0	-4.6	-4.3	-3.8
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-5	-1.5	-3.4	-4.1	-4.8	-4.7	-5.3	-4.9	-1.4

1 Current quarter divided by comparable quarter a year earlier.

2 Production and nonsupervisory workers.

3 Computed from data that are not seasonally adjusted.

4 Changes subsequent to June 1971 based on data before seasonal adjustment.

5 Less than 0.05 percent.

\* 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		
	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June
Average hourly compensation:									
All persons, total private economy	4.6	6.0	8.9	7.6	12.7	10.7	8.6	10.8	7.3
All employees, private nonfarm economy:									
Current dollars	5.6	6.8	8.2	8.8	11.2	9.7	9.6	9.6	7.0
1967 dollars	-2.8	-2.0	-1.4	-3.1	-.2	-2.4	-2.6	1.6	1.0
Average hourly earnings, private nonfarm economy <sup>1</sup> :	7.6	8.1	7.3	5.4	8.8	11.0	9.0	4.7	5.2
Mining	6.2	9.5	7.8	11.1	12.6	14.2	1.0	30.5	7.0
Contract construction	2.1	6.0	3.4	3.8	8.2	13.0	5.8	6.1	7.6
Manufacturing	5.8	7.1	6.7	4.6	10.2	15.7	10.2	6.9	5.8
Transportation and public utilities	8.2	8.6	7.8	5.8	5.4	8.8	12.0	6.1	8.5
Wholesale and retail trade	6.6	7.8	7.6	6.7	10.8	11.3	8.2	8.0	6.3
Finance, insurance, and real estate	3.5	6.2	5.3	4.8	8.2	10.3	8.9	8.7	9.3
Services	8.2	7.6	8.7	8.1	10.7	5.1	9.9	8.6	5.2
Average hourly earnings, private nonfarm economy <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.5	7.7	7.2	6.3	9.7	10.8	9.8	8.2	7.1
1967 dollars	-1.9	-1.2	-2.5	-5.3	-1.5	-1.4	-2.3	.2	1.1
Mining	8.1	9.2	7.3	11.8	12.7	13.0	8.9	20.3	8.0
Contract construction	3.2	6.0	3.5	3.1	8.7	13.1	6.2	5.6	7.5
Manufacturing	5.7	7.2	7.8	6.6	10.9	12.3	11.8	8.9	8.3
Transportation and public utilities	8.4	9.1	7.4	6.2	5.4	8.8	11.6	5.7	8.0
Wholesale and retail trade	7.4	7.2	7.4	7.0	10.3	11.5	8.1	8.8	6.3
Finance, insurance, and real estate	5.0	6.1	6.1	5.5	8.5	11.4	9.7	9.4	8.3
Services	8.4	8.0	7.5	8.2	10.7	4.8	8.8	9.4	5.2
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	.4	2.0	5.1	(*)	(*)	(*)	(*)	(*)	(*)
Average union scales, 7 building trades: <u>3/</u>									
Wages and selected benefits	9.0	8.6	2.8	1.6	20.2	10.5	6.1	2.8	23.4
Hourly wage rates	7.4	7.0	2.7	1.2	19.7	9.9	4.4	1.6	21.6
Wage rates, hired farm labor	15.2	10.3	12.2	11.8	13.5	11.1	3.5	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	8.3	7.4	5.7	3.1	8.0	11.4	5.5	.5	4.8
1967 dollars	-2	-1.4	-3.7	-8.1	-3.0	-9	-6.1	-7.0	-1.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-1.2	-2.3	-4.4	-8.5	-3.9	-2.1	-6.7	-7.0	11.1

1 Production and nonsupervisory workers.

2 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.

3 Changes subsequent to June 1971 based on data before seasonal adjustment.

\* Not available.

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



**EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED**

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**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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	8.1	8.5	8.8	8.2	8.7	8.4	8.3	8.3	8.3	7.2	6.9	7.1	6.8
Mining	12.0	11.7	12.3	7.0	9.6	13.6	14.2	14.5	12.0	12.8	13.1	12.5	11.5
Contract construction	7.7	7.4	7.0	7.6	8.3	8.5	6.9	9.3	8.5	7.9	7.9	8.0	7.0
Manufacturing	9.3	9.7	10.1	9.8	10.3	10.3	10.7	11.1	10.8	9.2	8.7	8.4	8.5
Transportation and public utilities	5.9	7.4	7.9	7.9	8.1	7.9	8.0	8.3	8.5	8.9	9.1	9.1	10.7
Wholesale and retail trade	9.3	9.2	9.2	9.1	9.4	9.3	9.9	9.5	9.5	8.1	7.8	7.7	7.1
Finance, insurance, and real estate	7.3	8.0	8.3	8.0	7.9	7.6	9.2	10.3	9.7	9.4	8.9	8.7	8.3
Services	8.7	8.0	8.2	8.4	8.7	8.3	8.8	8.5	7.6	7.0	6.9	7.5	7.4
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	8.5	8.8	9.1	9.1	9.3	9.4	9.6	9.9	9.4	8.9	8.7	8.7	8.6
1967 dollars	-2.2	-2.8	-2.6	-2.7	-2.6	-2.1	-1.4	-.3	-.8	-.5	-.6	-.8	(*)
Mining	11.6	11.5	11.8	10.3	12.6	13.4	14.0	13.5	12.3	12.7	12.3	12.1	11.7
Contract construction	7.7	7.5	7.2	7.5	8.4	9.1	6.9	9.1	8.3	7.8	8.1	8.2	7.1
Manufacturing	9.3	9.8	10.1	10.4	10.5	10.7	10.9	11.3	10.8	10.2	9.9	9.7	9.6
Transportation and public utilities	6.0	7.3	8.2	7.9	7.9	7.6	7.8	8.1	8.0	8.8	8.8	8.9	10.4
Wholesale and retail trade	9.1	9.2	9.4	9.1	9.1	9.4	10.0	9.6	9.3	8.6	8.2	8.0	7.5
Finance, insurance, and real estate	7.9	8.8	9.1	8.5	8.6	8.5	9.9	10.9	9.8	9.9	9.4	9.1	8.5
Services	8.2	7.7	7.9	8.1	8.2	8.1	8.6	8.5	7.7	6.7	6.6	7.4	7.4
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	5.7	5.1	(*)	7.6	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	7.2	7.4	7.9	6.1	6.9	6.9	6.0	5.9	6.5	5.1	4.8	5.3	5.6
1967 dollars	-3.3	-4.1	-3.7	-5.3	-4.7	-4.3	-4.6	-3.9	-3.4	-4.0	-4.1	-3.9	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-4.1	-4.8	-4.5	-6.0	-5.5	-5.0	-5.2	-4.6	-4.1	-.1	-.2	-.1	(*)

<sup>1</sup> Current month divided by same month a year earlier.

<sup>2</sup> Production and nonsupervisory workers.

<sup>3</sup> 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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	9.5	11.0	12.0	9.3	8.7	7.7	7.1	5.6	4.7	5.1	5.1	6.5	6.4
Mining	13.2	13.6	13.0	2.3	7.0	13.8	15.2	15.5	11.0	24.4	19.5	11.4	7.9
Contract construction	11.7	11.6	9.3	10.2	8.5	8.5	2.3	7.0	7.7	5.5	7.2	7.5	11.8
Manufacturing	12.7	14.1	15.6	11.9	11.3	8.8	8.7	8.1	6.2	6.7	6.2	7.9	8.3
Transportation and public utilities	5.8	8.9	11.3	10.4	9.5	9.1	10.2	7.8	5.8	7.3	8.7	9.1	11.2
Wholesale and retail trade	11.1	11.6	12.2	8.9	8.2	8.2	8.7	7.5	6.8	7.4	7.3	7.3	5.5
Finance, insurance, and real estate	8.9	12.2	11.1	10.4	7.4	8.6	9.6	8.3	8.4	8.3	10.3	8.8	7.1
Services	7.3	8.4	7.8	7.7	7.0	8.7	10.4	8.6	7.5	6.3	6.8	6.2	4.6
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	10.2	11.1	11.7	10.3	8.9	9.3	8.9	8.7	7.0	7.5	8.4	8.1	8.2
1967 dollars	-1.4	-.9	-.8	-1.9	-2.9	-2.1	-1.3	.3	-.7	.9	1.7	.5	(*)
Mining	12.7	13.0	11.7	8.5	12.6	14.1	15.3	14.0	12.8	17.1	12.1	10.1	8.2
Contract construction	11.5	11.4	9.7	10.1	9.0	8.4	2.4	7.0	6.9	5.7	7.1	8.0	12.0
Manufacturing	11.6	12.3	13.5	12.1	10.5	10.5	10.2	10.2	8.1	8.4	9.2	9.0	8.9
Transportation and public utilities	5.7	8.7	11.3	10.6	8.8	8.4	9.9	7.6	4.7	7.1	8.8	9.4	10.8
Wholesale and retail trade	11.1	11.5	12.4	9.3	7.8	8.8	8.9	7.7	6.3	7.9	8.5	7.2	6.2
Finance, insurance, and real estate	9.5	12.9	12.1	11.1	8.5	9.6	10.2	8.9	7.5	8.8	10.3	8.5	6.9
Services	7.6	7.7	7.8	6.5	6.0	8.5	9.5	9.2	7.7	7.0	7.3	6.4	5.3
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	5.2	1.8	(*)	6.7	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	8.9	11.0	12.0	6.4	7.0	4.8	3.1	1.1	1.2	4.0	2.8	5.9	8.2
1967 dollars	-2.5	-1.0	-.6	-5.4	-4.6	-6.2	-6.6	-6.8	-6.1	-2.5	-3.6	-1.6	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-3.5	-2.1	-1.9	-6.1	-5.3	-6.7	-6.9	-6.9	-6.2	6.3	5.2	6.9	(*)

<sup>1</sup> Current month divided by month 6 months earlier.

<sup>2</sup> Production and nonsupervisory workers.

<sup>3</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.

P = preliminary.

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

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

Measure	1974					1975							
	3d quarter		4th quarter			1st quarter			2d quarter		3d quarter		
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July <sup>P</sup>	Aug. <sup>P</sup>
<b>LEVELS</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$4.27	\$4.32	\$4.35	\$4.36	\$4.39	\$4.39	\$4.42	\$4.44	\$4.45	\$4.47	\$4.50	\$4.53	\$4.56
Mining	5.32	5.36	5.40	5.20	5.38	5.61	5.71	5.76	5.69	5.80	5.88	5.92	5.93
Contract construction	6.89	6.94	6.90	6.95	7.02	7.03	6.97	7.18	7.16	7.14	7.27	7.29	7.37
Manufacturing	4.48	4.53	4.57	4.58	4.62	4.62	4.67	4.71	4.71	4.73	4.76	4.80	4.86
Transportation and public utilities	5.41	5.51	5.58	5.58	5.62	5.63	5.68	5.72	5.74	5.78	5.86	5.88	5.99
Wholesale and retail trade	3.52	3.55	3.57	3.59	3.61	3.63	3.67	3.68	3.69	3.72	3.74	3.76	3.77
Finance, insurance, and real estate	3.84	3.92	3.91	3.93	3.97	3.96	4.02	4.08	4.07	4.09	4.17	4.13	4.16
Services	3.76	3.80	3.82	3.86	3.89	3.90	3.95	3.96	3.96	3.98	4.02	4.02	4.04
Wage rates, hired farm labor (quarterly data)	-	-	2.31	-	-	2.33	-	-	(*)	-	-	(*)	-
Average weekly earnings, private nonfarm economy: <sup>1</sup>													
Current dollars	156.71	158.54	159.21	157.83	159.80	158.92	159.12	159.40	160.20	160.92	162.00	163.53	165.53
1967 dollars	104.65	104.65	104.16	102.31	102.78	101.56	101.13	101.03	100.94	101.04	100.93	100.73	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	90.90	90.78	90.31	88.79	89.08	88.08	87.69	87.59	87.46	91.54	91.36	91.06	(*)
<b>INDEXES, 1967=100</b>													
Average hourly compensation (quarterly data):													
All persons, total private economy	166.7	-	-	170.2	-	-	174.6	-	-	177.7	-	-	(*)
All employees, private nonfarm economy:													
Current dollars	163.9	-	-	167.7	-	-	171.6	-	-	174.5	-	-	(*)
1967 dollars	109.5	-	-	108.7	-	-	109.2	-	-	109.4	-	-	(*)
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	160.2	161.9	163.1	164.0	165.1	166.0	167.2	168.8	168.8	170.0	171.9	172.6	174.0
1967 dollars	107.0	106.9	106.7	106.3	106.2	106.0	106.3	107.0	106.3	106.8	107.1	106.3	(*)
Mining	165.7	167.3	167.8	167.2	172.5	174.9	177.9	178.6	178.2	180.9	182.6	183.5	185.0
Contract construction	166.8	167.8	167.2	168.3	170.1	170.2	168.9	173.6	173.0	173.0	176.0	176.8	178.7
Manufacturing	158.0	159.6	161.6	162.6	163.5	164.6	165.9	167.6	168.0	169.2	170.8	171.8	173.1
Transportation and public utilities	167.1	170.2	172.5	172.5	173.2	173.8	175.2	176.5	176.5	178.6	180.6	181.7	184.4
Wholesale and retail trade	157.2	158.7	159.7	160.3	161.0	162.6	164.0	164.6	164.6	166.4	167.7	168.3	169.0
Finance, insurance, and real estate	149.8	152.9	152.8	153.4	155.0	155.0	157.2	159.6	158.4	160.0	162.9	161.4	162.6
Services	163.4	164.4	165.4	166.8	168.3	169.1	171.0	171.8	171.7	172.5	174.3	174.4	175.4
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	(*)	171.9	172.7	(*)	183.8	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Average union scales, 7 building trades (quarterly data): <sup>2</sup>													
Wages and selected benefits	-	-	186.9	-	-	189.7	-	-	191.0	-	-	201.3	-
Hourly wage rates	-	-	175.1	-	-	177.0	-	-	177.7	-	-	186.6	-

1 Production and nonsupervisory workers.

2 Not seasonally adjusted.

\* Not available.

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 man-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 man-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**

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**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		
	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>ALABAMA</b>	\$151.96	\$159.95	\$163.10	40.2	39.3	39.3	\$3.78	\$4.07	\$4.15
Birmingham	178.60	193.64	196.66	39.6	39.6	40.3	4.51	4.89	4.88
Mobile	169.20	201.20	212.43	36.0	40.0	41.9	4.70	5.03	5.07
<b>ALASKA</b>	254.32	294.52	(*)	39.8	38.2	(*)	6.39	7.71	(*)
<b>ARIZONA</b>	174.54	186.92	189.24	39.4	38.7	38.7	4.43	4.83	4.89
Phoenix	177.16	187.98	192.96	39.9	38.6	39.3	4.44	4.87	4.91
Tucson	182.51	190.12	188.96	40.2	39.2	38.8	4.54	4.85	4.87
<b>ARKANSAS</b>	131.01	138.81	138.90	39.7	39.1	38.8	3.30	3.55	3.58
Fayetteville-Springdale	116.10	130.07	126.61	38.7	39.9	38.6	3.00	3.26	3.28
Fort Smith	128.70	136.52	132.84	39.0	37.2	36.0	3.30	3.67	3.69
Little Rock-North Little Rock	143.32	157.19	155.98	39.7	39.2	38.8	3.61	4.01	4.02
Pine Bluff	163.58	169.60	157.88	41.1	38.9	37.5	3.98	4.36	4.21
<b>CALIFORNIA</b>	186.84	203.97	203.97	39.5	39.3	39.0	4.73	5.19	5.23
Anaheim-Santa Ana-Garden Grove	175.64	191.68	192.55	40.1	40.1	39.7	4.38	4.78	4.85
Bakersfield	186.84	199.56	197.98	39.5	38.9	38.0	4.73	5.13	5.21
Fresno	160.93	176.32	176.43	38.5	38.0	37.3	4.18	4.64	4.73
Los Angeles-Long Beach	177.41	192.57	192.76	39.6	39.3	39.1	4.48	4.90	4.93
Modesto	177.02	192.79	190.09	38.4	38.1	37.2	4.61	5.06	5.11
Oxnard-Simi Valley-Ventura	167.60	182.22	176.61	40.0	39.7	37.9	4.19	4.59	4.66
Riverside-San Bernardino-Ontario	191.76	205.88	210.80	40.8	39.9	40.0	4.70	5.16	5.27
Sacramento	198.98	220.38	222.52	37.9	38.8	38.3	5.25	5.68	5.81
Salinas-Seaside-Monterey	174.56	184.61	188.50	37.3	38.3	37.7	4.68	4.82	5.00
San Diego	190.22	194.43	195.20	40.3	38.5	38.2	4.72	5.05	5.11
San Francisco-Oakland	221.87	239.78	243.04	39.2	38.8	38.7	5.66	6.18	6.28
San Jose	193.45	218.79	210.72	39.4	39.0	37.9	4.91	5.61	5.56
Santa Barbara-Santa Maria-Lompoc	161.73	176.18	180.32	37.7	38.3	39.2	4.29	4.60	4.60
Santa Rosa	179.99	186.50	190.39	39.3	37.3	37.7	4.58	5.00	5.05
Stockton	203.70	218.79	211.87	39.4	39.0	37.7	5.17	5.61	5.62
Vallejo-Fairfield-Napa	197.46	206.45	215.95	39.1	37.4	38.7	5.05	5.52	5.58
<b>COLORADO</b>	186.06	194.24	200.09	40.1	39.4	39.7	4.64	4.93	5.04
Denver-Boulder	189.27	198.97	199.92	40.1	39.4	39.2	4.72	5.05	5.10
<b>CONNECTICUT</b>	183.43	191.68	191.35	41.5	40.1	40.2	4.42	4.78	4.76
Bridgeport	182.27	184.28	187.83	41.9	40.5	41.1	4.35	4.55	4.57
Hartford	196.45	214.56	211.45	42.8	41.5	40.9	4.59	5.17	5.17
New Britain	189.11	191.97	193.26	41.2	40.5	40.6	4.59	4.74	4.76
New Haven	171.97	188.73	192.23	39.9	39.4	39.8	4.31	4.79	4.83
Stamford	198.78	199.58	200.56	41.5	40.4	40.6	4.79	4.94	4.94
Waterbury	166.27	164.40	166.01	42.2	40.0	40.1	3.94	4.11	4.14
<b>DELAWARE</b>	186.44	197.68	199.39	39.5	39.3	40.2	4.72	5.03	4.96
Wilmington	214.94	224.45	224.25	40.1	38.9	39.0	5.36	5.77	5.75
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA	201.50	216.19	(*)	38.9	38.4	(*)	5.18	5.63	(*)
<b>FLORIDA</b>	152.80	161.19	161.95	40.0	39.8	39.5	3.82	4.05	4.10
Fort Lauderdale-Hollywood	149.62	155.62	149.34	39.9	39.2	38.0	3.75	3.97	3.93
Jacksonville	183.08	202.86	209.17	41.8	42.0	42.6	4.38	4.83	4.91
Miami	141.33	145.78	145.33	39.7	39.4	39.6	3.56	3.70	3.67
Orlando	159.51	163.17	166.03	40.9	41.1	41.3	3.90	3.97	4.02
Pensacola	198.23	194.81	200.64	43.0	41.1	41.2	4.61	4.74	4.87
Tampa-St. Petersburg	167.28	178.49	178.20	40.7	40.2	40.5	4.11	4.44	4.40
West Palm Beach-Boca Raton	180.34	191.02	185.14	40.8	40.3	39.9	4.42	4.74	4.64
<b>GEORGIA</b>	140.58	151.26	151.31	39.6	39.7	39.2	3.55	3.81	3.86
Atlanta	160.33	178.62	182.28	39.2	39.0	39.2	4.09	4.58	4.65
Savannah	175.98	191.78	200.34	41.8	41.6	42.9	4.21	4.61	4.67

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		
	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>HAWAII</b> .....	\$156.41	\$175.28	\$173.26	39.8	39.3	40.2	\$3.93	\$4.46	\$4.31
Honolulu .....	148.99	170.61	165.03	38.4	38.6	39.2	3.88	4.42	4.21
<b>IDAHO</b> .....	177.97	181.12	187.83	39.2	38.7	38.1	4.54	4.68	4.93
<b>ILLINOIS</b> .....	196.22	213.27	(*)	40.0	39.7	(*)	4.91	5.38	(*)
Chicago SMSA .....	196.87	(*)	(*)	40.1	(*)	(*)	4.91	(*)	(*)
Davenport—Rock Island—Moline .....	240.53	(*)	(*)	41.2	(*)	(*)	5.84	(*)	(*)
Decatur .....	209.03	(*)	(*)	39.3	(*)	(*)	5.32	(*)	(*)
Peoria .....	230.41	(*)	(*)	38.8	(*)	(*)	5.93	(*)	(*)
Rockford .....	192.52	(*)	(*)	39.8	(*)	(*)	4.83	(*)	(*)
Springfield .....	214.14	(*)	(*)	40.0	(*)	(*)	5.35	(*)	(*)
<b>INDIANA</b> .....	207.16	216.37	217.71	40.7	39.7	39.8	5.09	5.45	5.47
Indianapolis .....	207.65	216.68	(*)	41.2	40.2	(*)	5.04	5.39	(*)
<b>IOWA</b> .....	194.53	213.15	210.36	39.7	39.4	39.1	4.90	5.41	5.38
Cedar Rapids .....	189.63	214.24	219.23	38.7	39.6	40.3	4.90	5.41	5.44
Des Moines .....	199.73	214.32	206.39	37.9	38.0	36.4	5.27	5.64	5.67
Dubuque .....	240.73	243.07	237.50	40.5	38.4	38.0	5.94	6.33	6.25
Sioux City .....	160.90	188.16	180.64	38.4	39.2	37.4	4.19	4.80	4.83
Waterloo—Cedar Falls .....	247.39	265.84	264.77	41.3	39.5	39.4	5.99	6.73	6.72
<b>KANSAS</b> .....	174.43	186.42	188.45	41.3	40.6	40.6	4.22	4.59	4.64
Topeka .....	185.28	190.02	194.40	40.4	40.2	40.5	4.59	4.73	4.80
Wichita .....	194.52	211.34	221.61	43.2	41.7	43.4	4.51	5.07	5.11
<b>KENTUCKY</b> .....	170.56	176.93	178.26	39.3	38.8	38.5	4.34	4.56	4.63
Louisville .....	200.49	217.88	212.78	39.7	40.2	38.9	5.05	5.42	5.47
<b>LOUISIANA</b> .....	178.40	187.21	192.27	40.0	38.6	39.0	4.46	4.85	4.93
Baton Rouge .....	234.35	245.74	257.00	41.7	41.3	42.2	5.62	5.95	6.09
New Orleans .....	181.12	185.10	183.69	40.7	39.3	39.0	4.45	4.71	4.71
Shreveport .....	160.80	180.09	176.58	40.0	41.4	40.5	4.02	4.35	4.36
<b>MAINE</b> .....	143.32	150.88	157.55	40.6	39.6	40.5	3.53	3.81	3.89
Lewiston—Auburn .....	119.57	127.38	125.57	38.2	38.6	38.4	3.13	3.30	3.27
Portland .....	149.48	160.37	169.33	40.4	39.5	41.3	3.70	4.06	4.10
<b>MARYLAND</b> .....	185.07	197.39	197.85	39.8	39.4	39.1	4.65	5.01	5.06
Baltimore .....	193.20	206.71	204.75	40.0	39.6	39.0	4.83	5.22	5.25
<b>MASSACHUSETTS</b> .....	165.53	173.21	173.88	39.6	39.1	38.9	4.18	4.43	4.47
Boston .....	183.54	193.83	194.43	39.9	39.8	39.2	4.60	4.87	4.96
Brockton .....	138.52	145.54	146.31	38.8	38.4	38.0	3.57	3.79	3.85
Fall River .....	116.92	124.96	123.90	34.9	35.5	35.3	3.35	3.52	3.51
Lawrence—Haverhill .....	153.14	167.42	170.25	38.0	39.3	39.5	4.03	4.26	4.31
Lowell .....	143.59	165.95	157.56	37.2	39.7	36.9	3.86	4.18	4.27
New Bedford .....	134.55	148.60	139.85	37.9	38.2	36.9	3.55	3.89	3.79
Springfield—Chicopee—Holyoke .....	162.29	173.05	172.09	39.2	39.6	39.2	4.14	4.37	4.39
Worcester .....	174.80	179.10	183.46	40.0	38.6	39.2	4.37	4.64	4.68
<b>MICHIGAN</b> .....	235.67	245.19	247.74	41.8	40.3	40.5	5.64	6.08	6.12
Ann Arbor .....	268.86	258.77	258.20	44.9	40.3	40.1	5.99	6.42	6.44
Battle Creek .....	244.20	266.75	262.00	42.3	42.1	41.6	5.77	6.34	6.30
Bay City .....	242.58	265.59	269.58	45.7	44.6	45.3	5.31	5.96	5.95
Detroit .....	257.53	259.93	264.68	42.8	40.4	41.1	6.02	6.43	6.44
Flint .....	267.73	274.60	290.95	41.8	40.4	42.1	6.41	6.80	6.91
Grand Rapids .....	191.42	203.94	204.69	40.4	39.5	39.8	4.74	5.16	5.14
Jackson .....	221.13	226.83	232.48	42.0	40.9	40.8	5.27	5.55	5.70
Kalamazoo—Portage .....	206.68	221.97	222.99	41.0	40.3	40.5	5.04	5.51	5.51
Lansing—East Lansing .....	224.80	248.48	254.22	38.9	40.2	40.5	5.78	6.18	6.28
Muskegon—Muskegon Heights .....	201.95	217.69	217.16	40.7	40.5	40.2	4.96	5.38	5.40
Saginaw .....	260.55	281.52	279.86	41.2	40.7	40.5	6.32	6.92	6.91

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		
	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>MINNESOTA</b>	\$183.14	\$198.86	\$197.06	39.9	39.3	39.1	\$4.59	\$5.06	\$5.04
Duluth-Superior	186.46	191.84	186.24	41.9	39.8	38.4	4.45	4.82	4.85
Minneapolis-St. Paul	192.86	212.79	213.15	39.2	39.7	39.4	4.92	5.36	5.41
<b>MISSISSIPPI</b>	125.93	140.54	141.33	39.6	39.7	39.7	3.18	3.54	3.56
Jackson	127.83	151.11	149.56	39.7	41.4	41.2	3.22	3.65	3.63
<b>MISSOURI</b>	169.30	187.07	189.51	39.1	39.3	39.4	4.33	4.76	4.81
Kansas City	190.30	207.37	207.34	39.4	39.2	38.9	4.83	5.29	5.33
St. Joseph	160.80	184.13	182.78	40.3	41.1	40.8	3.99	4.48	4.48
St. Louis	211.34	216.22	220.55	42.1	39.6	40.1	5.02	5.46	5.50
Springfield	147.05	159.44	163.44	37.9	38.7	39.1	3.88	4.12	4.18
<b>MONTANA</b>	187.50	189.74	184.79	37.5	36.7	35.4	5.00	5.17	5.22
<b>NEBRASKA</b>	168.47	181.96	181.19	41.1	41.0	40.7	4.09	4.44	4.45
Lincoln	160.48	159.81	166.05	39.5	37.8	38.5	4.06	4.22	4.32
Omaha	180.87	199.21	198.85	40.7	40.9	40.6	4.45	4.87	4.89
<b>NEVADA</b>	183.06	200.26	204.86	37.9	38.0	38.8	4.83	5.27	5.28
Las Vegas	217.88	246.87	(*)	39.4	39.0	(*)	5.53	6.33	(*)
<b>NEW HAMPSHIRE</b>	143.91	154.45	154.84	39.0	39.4	39.1	3.69	3.92	3.96
Manchester	130.90	143.93	142.45	38.5	38.9	38.5	3.40	3.70	3.70
<b>NEW JERSEY</b>	186.76	197.96	198.68	40.6	40.4	40.3	4.60	4.90	4.93
Atlantic City	148.60	146.43	154.28	38.2	35.2	38.0	3.89	4.16	4.06
Camden <sup>1</sup>	178.99	180.42	180.57	39.6	38.8	38.5	4.52	4.65	4.69
Hackensack <sup>2</sup>	184.22	190.87	195.86	40.4	39.6	40.3	4.56	4.82	4.86
Jersey City <sup>2</sup>	183.31	190.55	185.85	40.2	40.2	38.8	4.56	4.74	4.79
Newark <sup>2</sup>	190.19	205.18	207.00	40.9	41.2	41.4	4.65	4.98	5.00
New Brunswick-Perth Amboy-Sayreville <sup>2</sup>	203.20	211.87	215.47	41.3	39.9	40.2	4.92	5.31	5.36
Paterson-Clifton-Passaic <sup>2</sup>	178.40	192.92	(*)	40.0	40.7	(*)	4.46	4.74	(*)
Trenton	185.89	213.70	214.78	41.4	42.4	42.7	4.49	5.04	5.03
<b>NEW MEXICO</b>	129.65	144.67	144.28	38.7	39.1	39.1	3.35	3.70	3.69
Albuquerque	134.25	151.30	152.86	38.8	39.4	39.6	3.46	3.84	3.86
<b>NEW YORK</b>	178.36	190.12	190.19	39.2	38.8	38.5	4.55	4.90	4.94
Albany-Schenectady-Troy	189.88	198.18	196.72	40.4	39.4	38.8	4.70	5.03	5.07
Binghamton	170.57	185.09	191.53	41.3	40.5	41.1	4.13	4.57	4.66
Buffalo	224.26	230.10	236.61	41.3	39.2	39.9	5.43	5.87	5.93
Elmira	175.82	184.93	181.66	40.7	39.6	38.9	4.32	4.67	4.67
Monroe County <sup>3</sup>	218.41	237.69	237.37	40.9	40.7	40.3	5.34	5.84	5.89
Nassau-Suffolk <sup>4</sup>	171.35	187.46	185.76	39.3	39.3	38.7	4.36	4.77	4.80
New York-Northeastern New Jersey	174.66	187.20	(*)	38.9	39.0	(*)	4.49	4.80	(*)
New York and Nassau-Suffolk <sup>2</sup>	163.50	176.90	176.06	37.5	37.8	37.3	4.36	4.68	4.72
New York SMSA <sup>4</sup>	161.76	175.13	174.27	37.1	37.5	37.0	4.36	4.67	4.71
New York City <sup>5</sup>	160.82	173.72	173.70	36.8	37.2	36.8	4.37	4.67	4.72
Poughkeepsie	192.28	194.00	199.40	41.8	38.8	39.8	4.60	5.00	5.01
Rochester	207.87	228.83	226.16	40.6	40.5	40.1	5.12	5.65	5.64
Rockland County <sup>5</sup>	171.81	188.37	187.05	41.3	41.4	41.2	4.16	4.55	4.54
Syracuse	199.55	205.44	202.81	41.4	40.6	40.4	4.82	5.06	5.02
Utica-Rome	165.20	170.21	170.38	40.0	39.4	38.9	4.13	4.32	4.38
Westchester County <sup>5</sup>	165.85	183.53	177.87	39.3	39.3	38.5	4.22	4.67	4.62
<b>NORTH CAROLINA</b>	130.81	134.59	134.68	39.4	38.9	38.7	3.32	3.46	3.48
Asheville	128.23	133.72	131.13	39.7	39.1	37.9	3.23	3.42	3.46
Charlotte-Gastonia	134.13	133.08	135.54	40.4	38.8	39.4	3.32	3.43	3.44
Greensboro-Winston-Salem-High Point	143.42	147.06	145.16	39.4	38.7	38.1	3.64	3.80	3.81
Raleigh-Durham	141.70	150.93	145.5	38.4	38.6	37.4	3.69	3.91	3.90
<b>NORTH DAKOTA</b>	155.19	170.85	170.74	40.1	40.2	39.8	3.87	4.25	4.29
Fargo-Moorhead	173.04	187.40	171.91	41.2	40.3	38.0	4.20	4.65	4.53

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		
	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>OHIO</b> .....	\$211.25	\$220.95	\$222.71	41.1	40.1	40.2	\$5.14	\$5.51	\$5.54
Akron .....	230.11	235.00	234.52	42.3	41.3	41.0	5.44	5.69	5.72
Canton .....	212.66	220.81	218.18	40.2	39.5	39.1	5.29	5.59	5.58
Cincinnati .....	199.48	209.20	208.35	41.3	40.7	40.3	4.83	5.14	5.17
Cleveland .....	218.09	224.80	225.76	41.7	40.0	40.1	5.23	5.62	5.63
Columbus .....	185.85	207.63	205.15	38.8	39.7	39.3	4.79	5.23	5.22
Dayton .....	220.54	232.47	234.68	41.3	41.0	41.1	5.34	5.67	5.71
Toledo .....	219.11	234.03	231.55	40.5	40.7	40.2	5.41	5.75	5.76
Youngstown—Warren .....	230.88	243.42	249.16	39.4	38.7	39.3	5.86	6.29	6.34
<b>OKLAHOMA</b> .....	158.79	174.32	175.92	40.2	39.8	39.8	3.95	4.38	4.42
Oklahoma City .....	158.40	175.96	176.36	39.6	39.9	39.9	4.00	4.41	4.42
Tulsa .....	173.96	189.77	189.82	39.9	39.7	39.3	4.36	4.78	4.83
<b>OREGON</b> .....	195.94	221.05	219.07	37.9	39.9	38.5	5.17	5.54	5.69
Eugene—Springfield .....	201.76	237.02	225.40	38.8	42.1	39.2	5.20	5.63	5.75
Jackson County .....	212.00	234.32	219.08	40.0	41.4	38.3	5.30	5.66	5.72
Portland .....	188.25	209.59	217.15	37.5	37.9	37.7	5.02	5.53	5.76
<b>PENNSYLVANIA</b> .....	180.97	188.54	189.91	39.6	38.4	38.6	4.57	4.91	4.92
Allentown—Bethlehem—Easton .....	177.49	188.98	188.98	38.5	38.1	38.1	4.61	4.96	4.96
Altoona .....	142.42	159.09	153.92	38.7	37.7	37.0	3.68	4.22	4.16
Delaware Valley <sup>6</sup> .....	184.40	198.27	200.21	40.0	38.8	38.8	4.61	5.11	5.16
Erie .....	194.62	203.77	201.60	42.4	41.0	40.4	4.59	4.97	4.99
Harrisburg .....	169.18	175.87	172.87	39.9	39.7	39.2	4.24	4.43	4.41
Johnstown .....	194.31	206.65	205.15	38.1	37.1	36.7	5.10	5.57	5.59
Lancaster .....	158.30	169.26	166.75	38.8	39.0	38.6	4.08	4.34	4.32
Northeast Pennsylvania .....	132.84	139.59	140.46	36.9	35.7	36.2	3.60	3.91	3.88
Philadelphia SMSA .....	183.14	196.33	197.88	39.9	38.8	38.8	4.59	5.06	5.10
Pittsburgh .....	226.01	225.03	224.22	41.7	39.0	39.2	5.42	5.77	5.72
Reading .....	161.32	172.77	168.46	38.5	39.0	38.2	4.19	4.43	4.41
Scranton <sup>7</sup> .....	131.75	140.79	137.80	36.7	36.1	35.7	3.59	3.90	3.86
Wilkes-Barre—Hazleton <sup>8</sup> .....	130.32	137.42	138.62	36.2	35.6	36.1	3.60	3.86	3.84
Williamsport .....	159.10	172.48	171.16	38.9	39.2	38.9	4.09	4.40	4.40
York .....	161.54	175.74	177.42	41.0	40.4	40.6	3.94	4.35	4.37
<b>RHODE ISLAND</b> .....	143.11	148.22	149.77	39.1	38.7	38.9	3.66	3.83	3.85
Providence—Warwick—Pawtucket .....	143.78	148.22	150.15	39.5	38.7	38.9	3.64	3.83	3.86
<b>SOUTH CAROLINA</b> .....	137.70	140.54	139.91	40.5	39.7	39.3	3.40	3.54	3.56
Charleston .....	150.69	158.79	150.93	40.4	40.2	39.1	3.73	3.95	3.86
Columbia .....	135.77	143.22	147.34	39.7	38.5	39.5	3.42	3.72	3.73
Greenville—Spartanburg .....	140.29	140.80	139.04	40.9	40.0	39.5	3.43	3.52	3.52
<b>SOUTH DAKOTA</b> .....	160.70	177.66	189.22	42.4	42.4	43.2	3.79	4.19	4.38
Sioux Falls .....	212.48	225.62	228.22	45.5	44.5	44.4	4.67	5.07	5.14
<b>TENNESSEE</b> .....	146.40	157.95	156.40	40.0	40.5	40.0	3.66	3.90	3.91
Chattanooga .....	160.75	170.11	169.70	40.8	40.6	40.5	3.94	4.19	4.19
Knoxville .....	175.89	176.62	170.24	41.0	39.6	38.0	4.29	4.46	4.48
Memphis .....	174.23	183.54	186.87	40.9	39.9	40.1	4.26	4.60	4.66
Nashville—Davidson .....	147.73	163.98	162.70	39.5	39.8	39.3	3.74	4.12	4.14
<b>TEXAS</b> .....	166.85	185.64	188.33	40.4	40.8	40.5	4.13	4.55	4.65
Amarillo .....	146.15	155.20	153.68	39.5	38.8	37.3	3.70	4.00	4.12
Austin .....	134.67	153.68	160.61	40.2	41.2	41.5	3.35	3.73	3.87
Beaumont—Port Arthur—Orange .....	226.30	236.56	244.16	41.6	39.1	39.7	5.44	6.05	6.15
Corpus Christi .....	196.93	202.57	197.89	41.9	43.1	41.4	4.70	4.70	4.78
Dallas—Fort Worth .....	155.23	175.82	176.61	39.1	40.7	40.6	3.97	4.32	4.35
El Paso .....	108.46	133.23	134.86	37.4	39.3	39.9	2.90	3.39	3.38
Galveston—Texas City .....	282.56	291.50	298.14	45.5	44.1	44.3	6.21	6.61	6.73
Houston .....	206.67	222.50	227.16	42.7	42.3	42.7	4.84	5.26	5.32
Lubbock .....	126.36	150.73	150.70	39.0	42.7	41.4	3.24	3.53	3.64
San Antonio .....	131.57	140.35	141.55	41.9	40.1	40.1	3.14	3.50	3.53
Waco .....	141.65	154.31	154.84	39.9	40.5	39.4	3.55	3.81	3.93
Wichita Falls .....	134.13	167.93	162.18	39.8	42.3	38.8	3.37	3.97	4.18
<b>UTAH</b> .....	156.02	153.54	157.51	39.7	38.1	38.7	3.93	4.03	4.07
Salt Lake City—Ogden .....	152.45	153.58	155.94	39.7	38.3	38.6	3.84	4.01	4.04

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		
	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>	July 1974	June 1975	July 1975 <sup>P</sup>
<b>VERMONT</b> .....	\$ 156.94	\$ 165.65	\$ 166.05	41.3	40.5	40.5	\$ 3.80	\$ 4.09	\$ 4.10
Burlington .....	175.56	184.91	191.78	41.8	41.0	41.6	4.20	4.51	4.61
Springfield .....	181.47	187.37	180.69	42.4	41.0	39.8	4.28	4.57	4.54
<b>VIRGINIA</b> .....	146.10	156.81	155.60	39.7	39.4	38.9	3.68	3.98	4.00
Lynchburg .....	145.55	152.87	149.38	41.0	39.4	38.8	3.55	3.88	3.85
Norfolk—Virginia Beach—Portsmouth .....	143.56	160.80	159.60	40.1	40.2	39.9	3.58	4.00	4.00
Northern Virginia <sup>9</sup> .....	189.48	198.18	201.70	40.4	39.4	40.1	4.69	5.03	5.03
Richmond .....	165.06	180.32	176.78	39.3	39.2	38.1	4.20	4.60	4.64
Roanoke .....	134.80	139.76	143.52	40.0	38.5	39.0	3.37	3.63	3.68
<b>WASHINGTON</b> .....	203.81	223.47	226.20	38.6	39.0	38.6	5.28	5.73	5.86
Seattle—Everett .....	209.21	231.28	234.21	39.4	39.4	39.1	5.31	5.87	5.99
Spokane .....	194.22	192.62	196.42	39.0	36.9	37.2	4.98	5.22	5.28
Tacoma .....	205.29	230.26	221.72	38.3	39.7	37.9	5.36	5.80	5.85
<b>WEST VIRGINIA</b> .....	181.83	189.83	183.70	39.7	38.9	37.8	4.58	4.88	4.86
Charleston .....	212.01	227.01	224.62	41.9	41.2	40.4	5.06	5.51	5.56
Huntington—Ashland .....	193.16	209.41	211.48	39.5	37.8	37.9	4.89	5.54	5.58
Wheeling .....	189.37	205.32	195.91	40.9	40.9	39.9	4.63	5.02	4.91
<b>WISCONSIN</b> .....	193.74	210.91	209.73	40.9	40.2	40.4	4.73	5.25	5.19
Appleton—Oshkosh .....	196.55	201.25	205.62	42.6	40.7	41.6	4.62	4.94	4.94
Green Bay .....	202.09	218.39	214.85	42.5	41.7	41.4	4.76	5.23	5.19
Kenosha .....	247.54	286.66	252.61	42.3	43.3	38.9	5.86	6.62	6.49
La Crosse .....	161.25	189.80	189.90	40.8	42.1	41.4	3.95	4.51	4.59
Madison .....	213.90	234.77	229.25	41.3	40.2	39.6	5.18	5.85	5.78
Milwaukee .....	210.97	229.67	232.56	40.3	40.0	40.3	5.24	5.74	5.77
Racine .....	189.99	227.46	224.64	39.6	39.4	39.0	4.79	5.77	5.76
<b>WYOMING</b> .....	191.38	203.15	210.21	38.2	38.5	39.0	5.01	5.28	5.39
Casper .....	215.60	228.37	243.33	39.2	37.5	38.2	5.50	6.09	6.37
Cheyenne .....	159.50	185.07	192.10	27.5	31.0	31.7	5.80	5.97	6.06

<sup>1</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>2</sup> Area included in New York—Northeastern New Jersey Standard Consolidated Area.

<sup>3</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>4</sup> Area included in New York and Nassau—Suffolk combined SMSA's.

<sup>5</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>6</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>7</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

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

<sup>9</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	3.7	4.0	4.4	5.1	5.4	4.8	5.5	4.9	3.8	2.4	1.8
1975.....	-	3.0	2.7	3.2	3.7	4.0	4.5	4.6 <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	3.2	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	3.2	3.5	3.6	4.4	5.0	4.1	5.0	4.8	4.4	3.1	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	1.7	1.0
1975.....	-	1.3	1.2	1.3	1.6	2.0	2.5	2.6 <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	6.2	5.5	5.1	5.0	5.2
1975.....	-	6.2	4.5	4.2	4.0	3.9	3.6	4.4 <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	4.6	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	1.4	.9
1975.....	-	1.1	.9	1.0	1.1	1.3	1.3	1.5 <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	2.1 <sup>P</sup>					

p=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	
		June 1975	July 1975 <sup>P</sup>	June 1975	July 1975 <sup>P</sup>	June 1975	July 1975 <sup>P</sup>	June 1975	July 1975 <sup>P</sup>	June 1975	July 1975 <sup>P</sup>
-	<b>MANUFACTURING</b>	4.5	4.6	2.5	2.6	3.6	4.4	1.3	1.5	1.5	2.1
19,24,25,32-39	<b>DURABLE GOODS</b>	4.0	3.8	1.9	1.9	3.5	4.2	1.1	1.2	1.6	2.1
20-23,26-31	<b>NONDURABLE GOODS</b>	5.2	5.6	3.3	3.6	3.9	4.7	1.7	1.9	1.4	2.0
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b>	2.0	-	1.1	-	1.9	-	.6	-	.8	-
192	Ammunition, except for small arms	1.7	-	1.0	-	1.8	-	.5	-	.9	-
24	<b>LUMBER AND WOOD PRODUCTS</b>	8.0	6.1	5.6	4.8	4.4	4.9	2.5	2.7	1.1	1.2
242	Sawmills and planing mills	7.0	-	5.2	-	3.9	-	2.4	-	.6	-
2421	Sawmills and planing mills, general	7.0	-	5.3	-	3.9	-	2.4	-	.7	-
243	Millwork, plywood and related products	8.1	-	5.5	-	4.2	-	2.5	-	.9	-
2431	Millwork	8.4	-	5.9	-	3.8	-	2.3	-	.5	-
2432	Veneer and plywood	6.9	-	4.7	-	3.6	-	2.5	-	.5	-
244	Wooden containers	8.7	-	6.9	-	8.3	-	4.1	-	3.2	-
2441,2	Wooden boxes, shooks, and crates	8.0	-	6.4	-	7.0	-	3.7	-	2.2	-
249	Miscellaneous wood products	5.9	-	4.3	-	5.0	-	2.4	-	1.9	-
25	<b>FURNITURE AND FIXTURES</b>	5.6	7.0	3.5	4.5	4.2	5.4	1.9	2.4	1.6	1.8
251	Household furniture	5.7	-	3.9	-	4.5	-	2.2	-	1.5	-
2511	Wood household furniture	6.3	-	4.1	-	4.8	-	2.4	-	1.6	-
2512	Upholstered household furniture	4.2	-	2.8	-	2.8	-	1.6	-	.5	-
2515	Mattresses and bedsprings	5.5	-	4.4	-	4.5	-	2.2	-	1.3	-
252	Office furniture	3.4	-	1.3	-	3.4	-	1.2	-	1.6	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	4.8	4.7	2.8	2.6	3.6	3.9	1.4	1.4	1.4	1.6
321	Flat glass	5.7	-	1.0	-	4.1	-	.4	-	2.8	-
322	Glass and glassware, pressed or blown	4.4	-	2.4	-	2.3	-	1.0	-	.5	-
3221	Glass containers	5.2	-	3.3	-	2.2	-	1.2	-	.3	-
3229	Pressed and blown glass, nec	3.2	-	1.2	-	2.5	-	.7	-	.8	-
324	Cement, hydraulic	3.6	-	1.5	-	2.3	-	.3	-	1.5	-
325	Structural clay products	6.4	-	4.2	-	4.4	-	2.2	-	1.4	-
3251	Brick and structural clay tile	8.3	-	6.5	-	5.7	-	3.3	-	.9	-
326	Pottery and related products	3.6	-	2.1	-	4.6	-	1.3	-	1.7	-
3291	Abrasive products	2.0	-	.6	-	1.7	-	.6	-	.5	-
33	<b>PRIMARY METAL INDUSTRIES</b>	3.6	3.0	1.0	.8	3.7	3.6	.6	.6	2.3	2.1
331	Blast furnace and basic steel products	3.9	-	.5	-	4.4	-	.3	-	3.3	-
3312	Blast furnaces and steel mills	3.7	-	.4	-	4.6	-	.2	-	3.4	-
332	Iron and steel foundries	3.4	-	1.5	-	3.8	-	1.2	-	1.6	-
3321	Gray iron foundries	3.6	-	1.2	-	3.9	-	1.2	-	1.8	-
3322	Malleable iron foundries	4.0	-	.7	-	4.8	-	1.1	-	2.9	-
3323	Steel foundries	2.9	-	2.3	-	3.0	-	1.3	-	.8	-
333,4	Nonferrous metals	2.5	-	1.2	-	3.1	-	.6	-	1.6	-
335	Nonferrous rolling and drawing	2.9	-	.5	-	2.1	-	.5	-	1.1	-
3351	Copper rolling and drawing	3.6	-	.6	-	2.0	-	.4	-	.9	-
3352	Aluminum rolling and drawing	4.0	-	.6	-	2.7	-	.5	-	1.6	-
3357	Nonferrous wire drawing, and insulating	2.0	-	.4	-	1.8	-	.4	-	.8	-
336	Nonferrous foundries	4.4	-	2.2	-	3.9	-	1.2	-	1.9	-
3361	Aluminum castings	4.6	-	2.5	-	3.9	-	1.3	-	1.8	-
3362,9	Other nonferrous castings	4.2	-	1.8	-	3.9	-	1.1	-	2.0	-
339	Miscellaneous primary metal products	4.0	-	2.0	-	3.0	-	.8	-	1.6	-
3391	Iron and steel forgings	4.1	-	2.3	-	3.2	-	.7	-	1.8	-
34	<b>FABRICATED METAL PRODUCTS</b>	4.7	-	2.3	-	3.5	-	1.2	-	1.5	-
341	Metal cans	8.3	-	1.9	-	4.2	-	.6	-	2.5	-
342	Cutlery, hand tools, and hardware	4.4	-	1.4	-	3.8	-	1.1	-	2.1	-
3421,3,5	Cutlery and hand tools, incl. saws	3.5	-	1.3	-	4.0	-	1.0	-	2.2	-
3429	Hardware, nec	5.1	-	1.4	-	3.6	-	1.1	-	2.0	-
343	Plumbing and heating, except electric	4.6	-	2.0	-	2.8	-	1.0	-	.9	-
3431,2	Sanitary ware and plumbers' brass goods	3.4	-	1.7	-	1.9	-	.9	-	.5	-
3433	Heating equipment, except electric	5.6	-	2.4	-	3.6	-	1.1	-	1.2	-
344	Fabricated structural metal products	5.0	-	3.4	-	3.4	-	1.5	-	1.0	-
3441	Fabricated structural steel	4.5	-	3.3	-	3.8	-	1.6	-	1.2	-
3443	Fabricated plate work (boiler shops)	2.7	-	2.3	-	2.4	-	1.1	-	.6	-
3446,9	Architectural and misc. metal work	5.3	-	2.8	-	4.1	-	1.4	-	1.9	-
345	Screw machine products, bolts, etc.	2.4	-	1.0	-	3.0	-	.9	-	1.5	-
3452	Bolts, nuts, rivets, and washers	2.0	-	.7	-	2.7	-	.8	-	1.3	-

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	
		June 1975	July 1975 <sup>P</sup>	June 1975	July 1975 <sup>P</sup>	June 1975	July 1975 <sup>P</sup>	June 1975	July 1975 <sup>P</sup>	June 1975	July 1975 <sup>P</sup>
	<b>DURABLE GOODS — Continued</b>										
	<b>FABRICATED METAL PRODUCTS — Continued</b>										
348	Metal stampings .....	4.7	-	0.9	-	3.4	-	0.7	-	2.0	-
348	Miscellaneous fabricated wire products .....	5.3	-	2.0	-	4.6	-	1.4	-	2.6	-
349	Miscellaneous fabricated metal products .....	3.6	-	1.8	-	3.0	-	1.0	-	1.4	-
3494,8	Valves, pipe, and pipe fittings .....	3.0	-	1.9	-	3.1	-	1.0	-	1.4	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	2.9	2.3	1.4	1.2	3.2	2.9	.9	0.8	1.6	1.2
351	Engines and turbines .....	3.8	-	.5	-	2.1	-	.4	-	.8	-
3511	Steam engines and turbines .....	.9	-	.3	-	1.3	-	.2	-	.1	-
3519	Internal combustion engines, nec .....	5.8	-	.6	-	2.6	-	.6	-	1.3	-
352	Farm machinery .....	2.6	-	1.4	-	6.0	-	1.0	-	3.9	-
353	Construction and related machinery .....	3.4	-	2.1	-	3.3	-	1.0	-	1.6	-
3531,2	Construction and mining machinery .....	3.5	-	1.6	-	3.7	-	.7	-	2.3	-
3533	Oil field machinery .....	4.5	-	4.0	-	3.0	-	1.9	-	.1	-
3535,6	Conveyors, hoists, cranes, monorails .....	2.6	-	1.9	-	2.4	-	.9	-	.8	-
354	Metal working machinery .....	2.8	-	1.2	-	3.5	-	.7	-	2.1	-
3541	Machine tools, metal cutting types .....	1.4	-	.8	-	2.0	-	.6	-	1.0	-
3545	Machine tool accessories .....	1.6	-	.9	-	3.6	-	.6	-	2.2	-
3542,8	Miscellaneous metal working machinery .....	1.7	-	.9	-	3.8	-	.6	-	2.5	-
355	Special industry machinery .....	2.1	-	1.3	-	2.6	-	.8	-	1.2	-
3551	Food products machinery .....	2.3	-	1.6	-	2.5	-	.9	-	1.0	-
3562	Textile machinery .....	2.6	-	1.0	-	3.7	-	.7	-	2.2	-
356	General industrial machinery .....	2.3	-	1.2	-	2.6	-	.6	-	1.4	-
3561	Pumps and compressors .....	2.4	-	1.4	-	2.3	-	.8	-	.9	-
3562	Ball and roller bearings .....	2.6	-	.4	-	3.2	-	.4	-	2.2	-
3566	Power transmission equipment .....	1.9	-	1.3	-	2.4	-	.5	-	1.3	-
357	Office and computing machines .....	1.9	-	1.3	-	2.1	-	.8	-	.5	-
3573	Electronic computing equipment .....	2.0	-	1.4	-	2.1	-	.9	-	.4	-
358	Service industry machines .....	3.7	-	1.6	-	3.4	-	.9	-	1.3	-
3585	Refrigeration machinery .....	4.0	-	1.4	-	3.9	-	.8	-	1.6	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> .....	3.1	-	1.2	-	3.1	-	.8	-	1.5	-
361	Electric test and distributing equipment .....	2.5	-	1.1	-	2.5	-	.7	-	1.0	-
3611	Electric measuring instruments .....	2.3	-	1.6	-	2.1	-	.9	-	.7	-
3612	Transformers .....	2.0	-	.4	-	3.7	-	.5	-	1.9	-
3613	Switchgear and switchboard apparatus .....	3.0	-	1.1	-	2.0	-	.7	-	.7	-
362	Electrical industrial apparatus .....	2.4	-	1.0	-	3.0	-	.7	-	1.6	-
3621	Motors and generators .....	2.8	-	.9	-	2.8	-	.7	-	1.3	-
3622	Industrial controls .....	1.9	-	.9	-	3.7	-	.6	-	2.2	-
363	Household appliances .....	6.1	-	1.3	-	4.2	-	1.0	-	2.0	-
3632	Household refrigerators and freezers .....	10.8	-	.6	-	6.8	-	1.0	-	3.6	-
3633	Household laundry equipment .....	4.7	-	.6	-	2.7	-	.6	-	1.1	-
3634	Electric housewares and fans .....	4.9	-	1.8	-	4.1	-	1.2	-	2.2	-
364	Electric lighting and wiring equipment .....	2.9	-	1.1	-	3.1	-	.8	-	1.3	-
3641	Electric lamps .....	1.7	-	.7	-	3.3	-	.5	-	1.9	-
3642	Lighting fixtures .....	3.0	-	1.3	-	4.1	-	1.0	-	1.5	-
3643,4	Wiring devices .....	3.3	-	1.2	-	2.4	-	.8	-	.9	-
365	Radio and TV receiving equipment .....	4.2	-	1.4	-	3.4	-	1.1	-	1.7	-
366	Communication equipment .....	1.7	-	1.0	-	2.9	-	.6	-	1.7	-
3661	Telephone and telegraph apparatus .....	.7	-	.3	-	4.0	-	.4	-	3.3	-
3662	Radio and TV communication equipment .....	2.3	-	1.4	-	2.3	-	.7	-	.9	-
367	Electronic components and accessories .....	3.8	-	1.4	-	3.2	-	1.0	-	1.5	-
3671-3	Electron tubes .....	2.7	-	.7	-	2.6	-	.6	-	1.1	-
3674,9	Other electronic components .....	4.0	-	1.6	-	3.3	-	1.1	-	1.5	-
369	Miscellaneous electrical equipment and supplies .....	3.0	-	1.1	-	2.4	-	.7	-	.8	-
3694	Engine electrical equipment .....	3.5	-	.8	-	2.6	-	.6	-	1.1	-
37	<b>TRANSPORTATION EQUIPMENT</b> .....	3.8	-	1.6	-	3.5	-	1.0	-	1.6	-
371	Motor vehicles and equipment .....	3.7	-	.8	-	3.3	-	.7	-	1.7	-
3711	Motor vehicles .....	3.1	-	.7	-	3.2	-	.7	-	1.8	-
3712	Passenger car bodies .....	3.0	-	1.0	-	1.9	-	.6	-	.5	-
3713	Truck and bus bodies .....	3.7	-	1.9	-	3.3	-	1.0	-	1.7	-
3714	Motor vehicle parts and accessories .....	4.5	-	.8	-	3.4	-	.7	-	1.6	-
372	Aircraft and parts .....	1.6	-	.9	-	2.3	-	.6	-	1.1	-
3721	Aircraft .....	1.8	-	.9	-	2.1	-	.6	-	1.1	-
3722	Aircraft engines and engine parts .....	1.2	-	.4	-	2.2	-	.5	-	.9	-
3723,9	Other aircraft parts and equipment .....	2.0	-	1.5	-	2.8	-	.9	-	1.3	-
373	Ship and boat building and repairing .....	6.9	-	4.5	-	5.8	-	2.3	-	2.2	-
3731	Ship building and repairing .....	7.4	-	4.6	-	5.6	-	2.2	-	2.1	-
374	Railroad equipment .....	3.1	-	1.0	-	3.9	-	.6	-	2.0	-
375,9	Other transportation equipment .....	8.1	-	3.9	-	6.2	-	2.4	-	2.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates						
		Total		New hires		Total		Quits		Layoffs		
		June 1975	July 1975 <sup>p</sup>	June 1975	July 1975 <sup>p</sup>	June 1975	July 1975 <sup>p</sup>	June 1975	July 1975 <sup>p</sup>	June 1975	July 1975 <sup>p</sup>	
	<b>DURABLE GOODS — Continued</b>											
	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	3.0	2.3	2.0	1.4	2.3	2.7	0.9	0.9	0.7	1.2	
381	Engineering and scientific instruments	2.1	-	1.7	-	2.2	-	.9	-	.8	-	
382	Mechanical measuring and control devices	2.8	-	1.3	-	2.8	-	1.0	-	1.1	-	
3821	Mechanical measuring devices	2.0	-	1.4	-	2.9	-	.9	-	1.4	-	
3822	Automatic temperature controls	4.8	-	1.2	-	2.6	-	1.1	-	.5	-	
383,5	Optical and ophthalmic goods	3.0	-	2.0	-	2.7	-	1.1	-	1.0	-	
384	Medical instruments and supplies	3.3	-	2.4	-	2.5	-	1.2	-	.8	-	
386	Photographic equipment and supplies	2.8	-	2.3	-	1.1	-	.4	-	.2	-	
387	Watches, clocks, and watchcases	5.1	-	1.6	-	3.9	-	1.5	-	.8	-	
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	5.8	7.6	3.0	4.3	4.5	5.8	1.6	1.9	2.1	3.0	
391	Jewelry, silverware, and plated ware	3.0	-	1.8	-	2.9	-	1.1	-	1.2	-	
394	Toys and sporting goods	9.7	-	4.4	-	6.8	-	2.4	-	3.4	-	
3941-3	Games, toys, dolls and play vehicles	12.7	-	5.7	-	5.8	-	2.9	-	1.8	-	
3949	Sporting and athletic goods, nec	5.6	-	2.7	-	8.2	-	1.7	-	5.5	-	
395	Pens, pencils, office and art supplies	3.3	-	2.2	-	2.1	-	.9	-	.5	-	
396	Costume jewelry and notions	5.9	-	3.5	-	3.5	-	1.6	-	1.3	-	
393,9	Other manufacturing industries	4.1	-	2.4	-	3.9	-	1.2	-	2.0	-	
	<b>NONDURABLE GOODS</b>											
	<b>FOOD AND KINDRED PRODUCTS</b>	8.0	8.6	5.5	6.0	5.2	6.0	2.3	2.6	2.2	2.7	
20	Meat products	8.1	-	5.4	-	6.5	-	3.2	-	2.5	-	
2011	Meat packing plants	6.3	-	3.0	-	5.2	-	1.4	-	3.1	-	
2015	Poultry dressing plants	13.0	-	10.5	-	9.6	-	7.2	-	1.4	-	
204	Grain mill products	4.1	-	3.5	-	3.2	-	1.7	-	.9	-	
2041	Flour and other grain mill products	3.9	-	3.0	-	3.2	-	1.3	-	1.5	-	
2042	Prepared feeds for animals and fowls	4.5	-	4.1	-	4.0	-	2.3	-	.8	-	
205	Bakery products	4.2	-	3.4	-	2.8	-	1.8	-	.4	-	
2051	Bread, cake, and related products	4.0	-	3.5	-	2.8	-	1.8	-	.3	-	
2052	Cookies and crackers	5.3	-	3.0	-	2.9	-	1.6	-	.6	-	
207	Confectionery and related products	8.1	-	3.3	-	6.2	-	1.5	-	4.0	-	
2071	Confectionery products	8.5	-	3.9	-	7.0	-	1.8	-	4.5	-	
208	Beverages	6.8	-	5.0	-	4.2	-	2.0	-	1.4	-	
2082	Malt liquors	6.5	-	2.7	-	5.3	-	.5	-	4.1	-	
21	<b>TOBACCO MANUFACTURES</b>	5.0	10.4	1.6	6.0	3.1	2.2	.6	.7	1.7	.9	
211	Cigarettes	2.1	-	.8	-	1.0	-	.2	-	( <sup>1</sup> )	-	
212	Cigars	2.3	-	.9	-	8.7	-	1.5	-	6.9	-	
22	<b>TEXTILE MILL PRODUCTS</b>	4.9	5.6	3.4	3.8	4.0	4.9	2.3	2.7	.8	1.3	
221	Weaving mills, cotton	4.8	-	3.3	-	4.1	-	2.6	-	.6	-	
222	Weaving mills, synthetics	4.8	-	3.8	-	4.6	-	2.7	-	.8	-	
223	Weaving and finishing mills, wool	6.0	-	3.4	-	4.2	-	1.8	-	1.6	-	
224	Narrow fabric mills	5.6	-	3.0	-	4.1	-	1.7	-	1.1	-	
225	Knitting mills	4.5	-	3.1	-	3.5	-	2.1	-	.8	-	
2251	Women's hosiery, except socks	4.1	-	3.3	-	3.3	-	2.3	-	.4	-	
2252	Hosiery, nec	4.7	-	3.5	-	4.2	-	2.4	-	1.3	-	
2254	Knit underwear mills	3.1	-	2.5	-	3.1	-	2.0	-	.3	-	
226	Textile finishing, except wool	4.3	-	3.2	-	3.6	-	1.6	-	1.1	-	
227	Floor covering mills	4.6	-	3.2	-	3.2	-	1.7	-	.7	-	
228	Yarn and thread mills	5.7	-	4.3	-	4.7	-	2.9	-	.7	-	
229	Miscellaneous textile goods	5.1	-	2.8	-	3.9	-	1.5	-	1.4	-	
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	5.7	7.7	3.6	4.5	5.4	7.7	2.3	2.8	2.2	3.7	
231	Men's and boys' suits and coats	4.2	-	1.5	-	4.7	-	1.2	-	2.8	-	
232	Men's and boys' furnishings	5.1	-	3.8	-	4.8	-	2.9	-	1.2	-	
2321	Men's and boys' shirts and nightwear	5.0	-	3.6	-	4.4	-	2.8	-	.9	-	
2327	Men's and boys' separate trousers	4.5	-	3.6	-	4.0	-	2.7	-	.5	-	
2328	Men's and boys' work clothing	5.3	-	4.2	-	5.8	-	3.6	-	1.6	-	
234	Women's and children's undergarments	5.7	-	3.6	-	4.9	-	2.5	-	1.6	-	
2341	Women's and children's underwear	6.5	-	4.2	-	5.4	-	3.0	-	1.8	-	
2342	Corsets and allied garments	3.0	-	1.8	-	3.1	-	1.0	-	1.1	-	
26	<b>PAPER AND ALLIED PRODUCTS</b>	4.4	3.8	2.1	1.8	3.2	3.1	.9	.9	1.6	1.6	
261,2,6	Paper and pulp mills	4.2	-	1.7	-	2.9	-	.6	-	1.7	-	
263	Paperboard mills	3.5	-	1.7	-	2.4	-	.8	-	1.1	-	

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	
		June 1975	July 1975 <sup>p</sup>	June 1975	July 1975 <sup>p</sup>	June 1975	July 1975 <sup>p</sup>	June 1975	July 1975 <sup>p</sup>	June 1975	July 1975 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>PAPER AND ALLIED PRODUCTS—Continued</b>										
264	Miscellaneous converted paper products .....	4.5	-	2.5	-	4.1	-	1.2	-	2.2	-
2643	Bags, except textile bags .....	4.6	-	2.5	-	8.1	-	1.5	-	5.9	-
265	Paperboard containers and boxes .....	4.6	-	2.1	-	2.9	-	1.0	-	1.1	-
2651,2	Folding and setup paperboard boxes .....	4.9	-	2.4	-	3.5	-	1.1	-	1.5	-
2653	Corrugated and solid fiber boxes .....	3.7	-	1.8	-	1.8	-	.9	-	.3	-
27	<b>PRINTING AND PUBLISHING</b> .....	3.1	2.7	2.2	1.9	2.7	2.8	1.3	1.3	.8	0.9
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	2.8	2.2	1.6	1.2	1.9	2.0	.6	.6	.7	.8
281	Industrial chemicals .....	2.1	-	1.2	-	1.6	-	.4	-	.7	-
282	Plastics materials and synthetics .....	3.3	-	1.2	-	1.6	-	.5	-	.5	-
2821	Plastics materials and resins .....	2.9	-	.9	-	2.3	-	.4	-	.9	-
2823,4	Synthetic fibers .....	3.6	-	1.5	-	1.1	-	.5	-	.2	-
283	Drugs .....	2.1	-	1.7	-	1.6	-	.7	-	.5	-
2834	Pharmaceutical preparations .....	2.3	-	1.8	-	1.6	-	.7	-	.5	-
284	Soap, cleaners, and toilet goods .....	4.8	-	2.7	-	2.5	-	.9	-	.8	-
2841	Soap and other detergents .....	4.9	-	2.2	-	1.5	-	.4	-	.7	-
2844	Toilet preparations .....	5.2	-	3.3	-	3.4	-	1.2	-	1.2	-
285	Paints and allied products .....	4.3	-	2.5	-	1.5	-	.8	-	.1	-
286,9	Other chemical products .....	2.4	-	1.3	-	2.8	-	.6	-	1.7	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	3.1	1.7	2.6	1.4	1.3	1.5	.6	.6	.3	.4
291	Petroleum refining .....	2.3	-	2.1	-	.9	-	.3	-	.2	-
295,9	Other petroleum and coal products .....	6.0	-	4.6	-	3.0	-	1.6	-	.6	-
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	5.4	5.3	2.6	2.7	3.7	4.5	1.6	1.7	1.3	1.9
301	Tires and inner tubes .....	2.4	-	.5	-	1.7	-	.5	-	.6	-
302,3,6	Other rubber products .....	4.2	-	1.5	-	3.3	-	1.4	-	1.2	-
307	Miscellaneous plastics products .....	7.0	-	3.8	-	4.6	-	2.1	-	1.6	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	7.1	9.4	5.1	5.7	5.3	8.9	3.0	3.5	1.2	4.2
311	Leather tanning and finishing .....	7.2	-	6.2	-	3.8	-	2.0	-	.5	-
314	Footwear, except rubber .....	7.2	-	5.4	-	5.5	-	3.3	-	1.1	-
	<b>NONMANUFACTURING</b>										
10	<b>METAL MINING</b> .....	3.8	2.4	3.2	1.8	4.1	3.0	1.2	1.5	2.1	.7
101	Iron ores .....	2.8	-	2.4	-	5.6	-	.5	-	4.4	-
102	Copper ores .....	2.4	-	1.5	-	3.6	-	.9	-	1.9	-
11,12	<b>COAL MINING</b> .....	2.6	1.5	2.2	1.3	1.2	1.3	.6	.7	.1	.2
12	Bituminous coal and lignite mining .....	2.6	-	2.2	-	1.2	-	.6	-	.1	-
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	1.0	-	-	-	.8	-	.4	-	.1	-
482	Telegraph communication <sup>2</sup> .....	(*)	-	-	-	(*)	-	(*)	-	(*)	-

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

p = preliminary.

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

\* = not available.

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

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**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	4.0	4.1	4.1	4.1	4.0	3.8	3.7	3.7	3.8
1971	3.8	3.8	3.7	3.9	3.8	3.8	3.8	4.0	4.0	3.8	4.0	4.1
1972	4.3	4.3	4.4	4.4	4.4	4.2	4.4	4.5	4.5	4.5	4.5	4.6
1973	4.7	4.8	4.9	4.8	4.8	4.8	4.8	4.7	4.9	4.9	4.8	4.4
1974	4.3	4.5	4.5	4.6	4.7	4.4	4.4	4.3	4.1	3.6	3.1	3.0
1975	3.1	3.3	3.5	3.9	3.7	3.6	4.3 <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	2.9	2.8	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	2.5	2.7	2.8
1972	3.0	2.9	3.0	3.2	3.2	3.1	3.3	3.3	3.4	3.5	3.6	3.7
1973	3.8	4.1	4.0	3.9	3.9	3.9	3.8	3.8	3.9	3.9	3.9	3.6
1974	3.5	3.4	3.5	3.5	3.5	3.3	3.4	3.3	3.1	2.6	2.2	1.8
1975	1.5	1.5	1.5	1.7	1.8	1.9	2.4 <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	5.0	5.1	4.9	4.7	4.7	4.5	4.6	5.0	4.9	4.7
1971	4.4	4.2	4.1	4.1	4.1	4.0	4.3	4.3	4.1	4.1	4.2	4.2
1972	4.2	4.1	4.1	4.2	4.2	4.3	4.5	4.1	4.2	4.2	4.2	4.2
1973	4.4	4.5	4.6	4.5	4.7	4.7	4.7	4.8	4.7	4.7	4.6	4.6
1974	5.0	4.8	4.8	4.6	4.6	4.5	4.5	4.6	4.5	4.9	5.6	6.1
1975	6.1	5.4	4.8	4.4	4.1	3.8	4.0 <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	2.2	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	1.9	1.9	1.9
1972	2.1	2.0	2.1	2.2	2.3	2.2	2.3	2.3	2.2	2.4	2.4	2.6
1973	2.6	2.8	2.8	2.8	2.7	2.8	2.8	2.9	2.5	2.8	2.7	2.7
1974	2.6	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.1	2.0	1.8	1.5
1975	1.3	1.2	1.2	1.2	1.3	1.4	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	1.6	1.7	1.7	2.0	1.9	1.9	1.5	1.9	1.8	2.2	2.0	1.7
1971	1.7	1.6	1.6	1.6	1.6	1.6	1.4	1.9	1.6	1.5	1.4	1.3
1972	1.3	1.2	1.2	1.2	1.1	1.4	1.2	1.0	1.0	0.9	0.9	1.0
1973	0.9	0.8	0.9	0.8	0.8	0.8	0.9	0.8	0.8	0.8	1.0	1.1
1974	1.5	1.4	1.2	1.1	1.1	1.1	1.0	1.2	1.3	1.9	2.6	2.6
1975	3.5	3.4	2.8	2.5	2.5	2.0	1.4 <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		
	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	
<b>ALABAMA:</b>											
Birmingham .....	2.6	2.5	1.6	1.4	4.3	2.8	1.1	.8	2.3	1.5	
Mobile <sup>1</sup> .....	11.9	(*)	5.7	(*)	9.4	(*)	2.9	(*)	5.4	(*)	
<b>ALASKA</b> .....	27.3	26.2	22.8	20.0	16.2	11.2	10.5	6.7	4.0	3.6	
<b>ARIZONA</b> .....	4.0	3.9	2.8	2.9	3.4	3.2	1.5	1.5	1.1	.9	
Phoenix .....	3.5	3.6	2.4	2.5	3.4	3.0	1.3	1.3	1.2	1.0	
<b>ARKANSAS</b> .....	7.1	7.1	4.6	4.6	6.3	5.5	3.0	3.2	2.4	1.4	
Fort Smith .....	7.6	11.2	3.4	4.7	5.9	6.2	2.4	3.4	2.2	1.6	
Little Rock—North Little Rock .....	5.5	7.0	3.9	4.7	4.7	4.8	2.5	2.9	1.2	.9	
Pine Bluff .....	4.4	5.0	2.9	3.7	5.6	6.4	2.3	2.6	2.7	3.6	
<b>COLORADO</b> .....	3.3	4.8	2.3	3.4	3.7	3.2	1.8	1.6	1.2	.9	
Denver—Boulder .....	3.1	3.9	2.2	3.0	3.6	3.4	1.7	1.6	1.2	1.1	
<b>CONNECTICUT</b> .....	2.2	2.5	1.0	1.3	2.7	2.5	.8	.9	1.3	1.0	
Hartford .....	1.7	1.5	.8	1.0	2.0	2.0	.8	.8	.7	.7	
<b>DELAWARE</b> <sup>1</sup> .....	1.9	2.5	.5	.8	2.4	5.6	.6	.6	1.2	4.4	
Wilmington <sup>1</sup> .....	1.6	1.9	.5	.6	2.3	5.5	.4	.4	1.1	4.5	
<b>DISTRICT OF COLUMBIA:</b>											
Washington SMSA .....	1.2	(*)	.9	(*)	1.4	(*)	.9	(*)	.3	(*)	
<b>FLORIDA</b> .....	4.5	4.8	3.3	3.4	5.6	6.1	2.3	2.1	2.5	3.1	
Fort Lauderdale—Hollywood .....	4.0	5.6	3.2	4.2	4.3	4.9	2.0	2.1	1.1	1.8	
Jacksonville .....	4.2	6.4	3.2	4.0	5.4	3.9	1.9	2.0	2.3	1.0	
Miami .....	4.8	4.7	3.6	3.9	4.6	4.5	2.0	1.9	1.9	1.9	
Orlando .....	3.5	(*)	2.6	(*)	4.2	(*)	2.0	(*)	1.4	(*)	
Pensacola .....	3.1	2.5	.8	.9	2.3	8.4	.9	.6	1.1	7.6	
Tampa—St. Petersburg .....	4.9	4.8	3.5	3.0	6.5	8.6	2.7	2.5	2.7	5.2	
West Palm Beach—Boca Raton .....	2.9	2.5	2.6	2.0	3.5	2.2	2.0	1.4	1.0	.3	
<b>GEORGIA</b> .....	4.7	4.5	2.9	3.2	4.3	3.9	2.2	2.3	1.3	.8	
Atlanta <sup>2</sup> .....	3.8	4.2	2.0	2.6	3.2	3.0	1.3	1.5	1.1	.6	
<b>HAWAII</b> <sup>3</sup> .....	2.0	2.6	1.6	2.2	1.8	2.1	.8	1.2	.5	.4	
<b>IDAHO</b> <sup>4</sup> .....	10.3	10.8	6.7	7.7	4.4	5.0	2.7	3.3	.4	.6	
<b>ILLINOIS:</b>											
Chicago SMSA .....	2.7	3.4	1.6	2.1	3.0	3.0	1.0	1.1	1.2	1.0	
<b>INDIANA</b> .....	3.4	3.6	1.2	1.2	3.1	2.8	.8	.8	1.6	1.3	
Indianapolis <sup>5</sup> .....	2.5	1.8	.9	.9	2.3	1.9	.7	.7	1.0	.8	
<b>IOWA</b> .....	3.3	4.6	1.9	2.8	4.0	3.3	1.4	1.4	2.0	1.3	
Cedar Rapids .....	3.6	4.6	1.1	2.4	2.9	2.0	.8	.8	1.8	1.0	
Des Moines .....	3.5	3.8	2.2	2.2	3.5	6.3	2.0	1.9	.5	3.2	
<b>KANSAS</b> .....	4.5	4.3	3.2	3.2	4.8	3.8	2.7	2.3	1.2	.9	
Topeka .....	2.5	2.2	1.7	1.7	4.1	3.1	2.4	1.1	1.0	1.6	
Wichita .....	3.6	4.0	3.0	2.9	4.7	3.7	2.7	2.4	1.0	.3	
<b>KENTUCKY</b> .....	5.0	4.4	1.4	1.5	4.2	3.0	1.0	1.1	2.4	1.1	
Louisville .....	4.4	3.6	.9	1.4	3.1	2.8	.6	.6	1.3	1.0	
<b>LOUISIANA:</b>											
New Orleans .....	3.8	5.0	3.0	3.9	4.7	4.0	2.0	2.0	1.5	.9	
<b>MAINE</b> .....	8.0	8.7	4.2	5.4	6.5	6.7	2.4	2.8	3.2	2.9	
Portland .....	5.1	2.3	2.4	1.9	4.2	2.3	1.5	1.4	2.2	.3	
<b>MARYLAND</b> .....	3.9	4.4	1.6	1.8	4.2	3.0	1.0	1.0	2.5	1.3	
Baltimore .....	3.8	4.7	1.5	1.6	4.6	2.9	.8	.9	3.1	1.4	
<b>MASSACHUSETTS</b> .....	3.3	3.5	1.6	1.9	3.9	3.3	1.1	1.0	1.9	1.5	
Boston .....	2.9	3.0	1.5	1.8	3.5	3.1	.9	.9	1.8	1.5	
<b>MICHIGAN</b> .....	3.7	4.5	.8	1.2	3.2	3.3	.6	.7	1.8	1.7	
Detroit .....	3.5	4.0	.9	1.2	3.1	3.5	.8	.9	1.4	1.5	

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	
	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>
MINNESOTA	3.6	4.8	1.7	3.1	3.3	3.2	1.4	1.4	1.4	1.3
Minneapolis—St. Paul	2.5	3.6	1.3	2.4	2.8	2.9	1.2	1.2	1.2	1.1
MISSISSIPPI:										
Jackson	3.5	5.0	2.7	4.3	2.6	4.2	1.7	1.9	.1	1.6
MISSOURI	3.9	4.1	2.0	2.3	3.9	3.5	1.3	1.3	1.9	1.6
Kansas City	3.0	3.6	1.9	2.3	3.5	3.9	1.2	1.2	1.6	1.9
St. Louis	3.1	3.4	1.1	1.7	3.7	2.5	.8	.8	2.2	1.0
MONTANA	4.9	7.4	3.4	4.8	4.4	3.7	1.6	2.3	2.2	.5
NEBRASKA	4.4	4.2	3.2	3.3	4.9	4.8	2.2	1.9	2.0	2.3
NEVADA	6.0	7.1	4.6	5.9	4.3	5.8	2.2	2.8	.7	1.5
NEW HAMPSHIRE	3.9	4.1	2.4	2.6	3.5	3.2	1.7	1.4	1.3	1.1
NEW JERSEY:										
Camden <sup>6</sup>	2.8	3.8	1.2	1.9	3.0	2.7	.7	.8	1.5	1.1
Hackensack	3.4	3.5	1.7	2.2	3.7	3.4	1.0	1.1	1.8	1.6
Jersey City	3.7	4.8	1.6	1.9	4.1	2.6	.6	.6	3.0	1.2
Newark	2.7	3.1	1.3	1.8	3.7	3.2	.7	.7	2.5	1.8
New Brunswick—Perth Amboy—Sayreville	3.8	4.4	1.8	2.2	3.5	3.9	.7	.7	1.6	2.3
Paterson—Clifton—Passaic	4.8	3.8	1.3	1.7	4.1	3.6	.6	.8	2.4	2.0
Trenton	2.7	3.6	.8	1.5	2.1	2.4	.6	.9	.8	.9
NEW YORK	3.8	4.3	1.6	2.2	3.9	3.8	.9	.9	2.4	2.2
Albany—Schenectady—Troy	3.3	2.9	1.1	1.3	2.8	2.2	.5	.6	1.5	.8
Binghamton	2.1	2.3	.9	1.2	2.1	2.3	.6	.7	.8	.7
Buffalo	3.6	3.5	.7	1.0	3.0	2.4	.4	.4	2.0	1.4
Elmira	2.9	2.5	1.3	1.4	3.5	3.4	.4	.7	2.2	1.7
Monroe County <sup>7</sup>	1.7	3.0	.9	2.2	1.8	1.6	.5	.6	.8	.6
Nassau—Suffolk <sup>8</sup>	3.4	4.4	2.5	2.9	3.8	5.4	1.2	1.1	1.9	3.6
New York and Nassau—Suffolk	4.7	5.2	2.2	2.8	4.6	4.6	1.0	1.0	3.0	3.0
New York SMSA <sup>8</sup>	5.0	5.4	2.1	2.8	4.8	4.4	.9	.9	3.2	2.8
New York City <sup>9</sup>	5.3	5.7	2.3	2.9	5.1	4.7	1.0	.9	3.5	3.1
Rochester	1.9	3.6	1.0	2.3	1.9	1.8	.6	.6	.9	.6
Syracuse	3.0	3.4	.8	1.0	4.4	3.7	.6	.6	3.3	2.4
Utica—Rome	3.5	3.0	1.1	1.5	4.1	3.2	.6	.6	3.0	2.2
Westchester County <sup>9</sup>	2.3	2.5	1.1	1.6	2.8	2.7	.7	.7	1.3	1.3
NORTH CAROLINA	4.1	4.7	2.9	3.5	3.9	3.7	2.2	2.1	.9	.8
Charlotte—Gastonia	4.0	3.7	3.2	2.9	4.2	3.9	2.6	2.2	.7	.8
Greensboro—Winston-Salem—High Point	3.5	4.1	2.6	3.3	3.5	3.4	1.8	1.9	.8	.7
NORTH DAKOTA	8.2	7.7	5.0	6.3	8.3	5.0	5.2	3.1	2.2	1.1
Fargo—Moorhead	8.7	5.2	3.9	3.8	4.3	2.5	3.0	1.9	.6	.1
OHIO	3.1	3.7	.8	1.2	3.3	3.2	.6	.6	2.0	1.7
Akron	1.5	2.3	.4	.7	1.9	2.3	.4	.6	1.2	1.1
Canton	3.6	3.4	.9	.9	4.3	2.8	.6	.5	2.7	1.5
Cincinnati	2.4	3.4	1.0	1.5	3.1	2.6	.7	.6	1.3	1.4
Cleveland	2.4	2.9	.8	1.2	3.1	2.9	.7	.7	1.7	1.3
Columbus	3.0	3.4	.6	1.1	3.6	3.0	.7	.7	2.3	1.7
Dayton	3.0	3.2	.7	1.0	2.4	2.6	.6	.7	1.1	.9
Toledo	3.8	3.7	.9	1.3	3.4	3.3	.5	.5	1.9	1.8
Youngstown—Warren	3.0	2.9	.5	.7	3.5	5.4	.4	.3	2.3	4.1
OKLAHOMA	5.4	5.5	4.4	4.5	5.3	5.2	3.3	3.3	1.0	1.1
Oklahoma City	4.6	4.9	3.6	3.5	5.0	5.4	3.1	2.9	1.1	1.6
Tulsa <sup>10</sup>	5.6	6.0	4.3	5.2	5.0	5.4	2.8	3.3	1.0	1.2
OREGON <sup>1</sup>	5.8	7.1	3.4	5.0	3.9	3.8	1.9	2.1	1.1	1.0
Portland <sup>1</sup>	4.8	5.3	2.5	3.6	3.7	3.7	1.5	1.8	1.5	1.2
PENNSYLVANIA	3.2	3.7	1.1	1.5	3.4	3.3	.7	.8	2.1	2.0
Allentown—Bethlehem—Easton	3.4	3.1	1.2	1.6	2.9	2.3	.5	.6	1.8	1.3
Alltoona	4.4	4.0	2.1	2.8	6.0	3.6	1.7	1.4	4.0	1.7
Erie	3.2	4.6	1.2	1.3	4.4	2.7	.8	.9	2.6	1.0
Harrisburg	2.9	4.5	1.0	1.5	1.6	2.9	.9	1.2	.4	1.2
Johnstown	2.1	3.3	.7	1.0	2.7	2.4	.5	.8	2.0	1.3
Lancaster	3.3	3.6	1.5	2.2	3.5	2.6	1.3	1.4	1.6	.7

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	
	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>	May 1975	June 1975 <sup>P</sup>
<b>PENNSYLVANIA—Continued</b>										
Northeast Pennsylvania .....	4.6	3.5	1.2	1.4	5.4	4.5	0.7	0.7	4.2	3.2
Philadelphia SMSA .....	2.6	3.1	1.1	1.5	3.4	2.9	.7	.7	2.0	1.5
Pittsburgh .....	2.9	3.5	.9	1.1	3.2	4.1	.4	.4	2.1	3.1
Reading .....	2.7	3.5	1.2	1.5	3.8	2.8	.7	.8	2.4	1.6
Scranton <sup>11</sup> .....	3.9	2.6	1.3	1.2	4.6	3.6	.8	.6	3.4	2.7
Wilkes-Barre—Hazleton <sup>12</sup> .....	5.3	4.2	1.1	1.5	5.6	5.1	.7	1.0	4.3	3.7
Williamsport .....	3.6	3.3	1.1	1.2	4.3	1.9	1.2	.5	2.8	1.0
York .....	3.0	3.7	1.4	1.7	3.8	3.4	1.1	1.1	2.1	1.7
<b>RHODE ISLAND</b>										
Providence—Warwick—Pawtucket .....	4.8	4.9	2.6	2.8	4.5	4.3	1.5	1.3	2.4	2.1
Providence—Warwick—Pawtucket .....	4.9	4.7	2.4	2.7	4.5	4.3	1.5	1.3	2.3	2.2
<b>SOUTH CAROLINA:</b>										
Greenville—Spartanburg .....	4.4	4.8	3.4	4.0	4.6	4.3	2.7	2.5	.9	.9
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	5.6	4.4	4.0	3.7	4.2	4.5	2.6	2.1	1.0	1.1
Sioux Falls .....	3.2	3.0	1.2	1.4	3.9	4.7	1.2	1.0	2.3	3.1
<b>TENNESSEE:</b>										
Memphis .....	4.1	4.2	2.6	2.5	3.4	2.9	1.4	1.4	1.0	.6
<b>TEXAS:</b>										
Dallas—Fort Worth <sup>13</sup> .....	4.3	4.4	3.5	4.0	3.6	3.6	2.4	2.3	.5	.5
Houston .....	4.4	5.1	4.0	4.3	4.2	4.1	2.8	2.6	.4	.4
San Antonio .....	4.4	4.1	4.0	3.7	5.0	4.1	3.0	2.7	1.0	.5
<b>UTAH<sup>4</sup></b>										
Salt Lake City—Ogden <sup>4</sup> .....	3.8	5.5	3.0	4.6	4.4	3.9	2.3	2.4	1.2	.6
Salt Lake City—Ogden <sup>4</sup> .....	3.5	5.4	3.0	4.7	4.0	3.7	2.4	2.4	.8	.4
<b>VERMONT</b>										
Burlington .....	4.4	3.3	1.2	1.7	4.6	2.7	1.1	1.0	3.0	1.2
Burlington .....	1.3	2.0	.4	1.2	1.7	1.7	.4	.5	.9	.9
Springfield .....	2.5	2.7	.7	.9	4.2	2.9	.5	.6	3.3	1.8
<b>VIRGINIA</b>										
Richmond .....	3.5	3.7	1.8	2.3	3.1	3.0	1.3	1.4	1.2	1.0
Richmond .....	2.1	3.4	1.3	1.9	2.0	2.1	.8	.9	.5	.7
<b>WASHINGTON:</b>										
Seattle—Everett <sup>14</sup> .....	3.1	3.9	2.0	2.8	4.1	3.9	1.3	1.4	2.1	1.7
<b>WISCONSIN</b>										
Milwaukee .....	3.8	5.2	1.6	2.9	3.5	3.1	.8	.9	1.9	1.5
Milwaukee .....	3.5	4.4	1.6	1.8	3.7	3.3	.8	.9	1.8	1.4
<b>WYOMING</b>										
.....	10.0	7.4	8.9	6.8	4.9	4.5	4.2	3.4	.1	.2

<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> New Standard Metropolitan Statistical Area consolidating the Dallas and Fort Worth areas.<sup>14</sup> Excludes canning and preserving, printing and publishing.<sup>\*</sup> Not available.

p= 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)		
	Aug. 1974	July 1975	Aug. 1975	Change from <sup>1</sup>		Aug. 1974	July 1975	Aug. 1975
				Aug. 1974	July 1975			
TOTAL <sup>2, 3</sup> .....	1,898.9	3,917.2	3,488.0	1,589.1	-429.2	2.9	5.9	5.2
SEASONALLY ADJUSTED .....	2,131.5	4,176.4	3,958.5	1,826.9	-217.9	3.3	6.3	5.9
Alabama .....	21.9	61.1	48.5	26.6	-12.5	2.4	6.6	5.2
Alaska .....	3.6	6.6	5.3	1.7	-1.3	5.0	7.5	6.0
Arizona .....	16.1	40.3	36.9	20.9	-3.4	2.7	6.5	5.9
Arkansas .....	13.0	38.2	32.4	19.3	-5.8	2.5	7.1	6.0
California .....	247.0	420.8	374.9	27.9	-45.9	3.9	6.4	5.7
Colorado .....	9.2	25.1	20.7	11.4	-4.4	1.2	3.3	2.7
Connecticut .....	50.0	87.2	86.9	36.9	-0.3	4.1	7.2	7.1
Delaware .....	8.9	10.3	10.9	2.0	0.6	4.1	4.8	5.1
District of Columbia .....	9.6	16.2	16.0	6.4	-0.2	2.6	4.5	4.4
Florida .....	58.5	129.2	128.2	69.7	-1.0	2.5	5.0	4.9
Georgia .....	28.4	73.7	63.5	35.1	-10.2	1.9	5.0	4.3
Hawaii .....	11.2	14.4	15.0	3.9	0.7	3.7	4.6	4.8
Idaho .....	6.1	9.5	9.4	3.3	-0.1	3.0	4.4	4.4
Illinois .....	74.3	215.6	214.5	40.2	-1.1	2.0	5.6	5.6
Indiana .....	25.4	75.7	62.4	37.0	-13.3	1.5	4.4	3.7
Iowa .....	8.2	24.4	27.0	18.8	2.6	1.0	3.0	3.3
Kansas .....	8.1	20.4	17.5	9.4	-2.9	1.4	3.3	2.9
Kentucky .....	17.4	49.7	46.1	28.7	-3.6	2.1	5.8	5.4
Louisiana .....	26.5	44.8	54.4	27.9	9.6	2.7	4.4	5.4
Maine .....	9.8	25.3	16.7	6.9	-8.7	3.5	8.8	5.8
Maryland .....	27.3	60.5	54.6	27.3	-5.9	2.4	5.3	4.7
Massachusetts .....	94.0	165.8	142.0	47.9	-23.8	4.7	8.1	7.0
Michigan .....	145.1	211.8	195.5	50.5	-16.3	5.2	7.7	7.1
Minnesota .....	24.2	50.6	47.1	23.0	-3.5	2.0	3.7	3.4
Mississippi .....	9.0	35.4	27.4	18.4	-8.0	1.7	6.4	5.0
Missouri .....	33.9	79.3	73.6	39.7	-5.7	2.3	5.4	5.0
Montana .....	4.3	7.9	6.9	2.6	-1.0	2.7	4.7	4.1
Nebraska .....	9.8	14.9	14.2	4.4	-0.7	2.3	3.4	3.2
Nevada .....	9.1	12.2	11.1	2.0	-1.1	4.5	5.8	5.2
New Hampshire .....	5.2	20.0	15.0	9.8	-5.1	2.0	7.6	5.7
New Jersey .....	116.4	172.5	152.0	35.6	-20.5	5.0	7.5	6.6
New Mexico .....	8.4	13.5	14.3	5.8	0.8	3.4	5.2	5.5
New York .....	229.6	405.2	349.3	19.6	-55.9	3.8	6.8	5.9
North Carolina .....	23.5	110.8	74.8	51.3	-35.9	1.4	6.4	4.3
North Dakota .....	1.6	3.0	2.8	1.2	-0.2	1.2	2.1	2.0
Ohio .....	56.0	190.2	156.9	0.8	-33.3	1.6	4.9	4.1
Oklahoma .....	16.4	31.2	28.0	11.6	-3.2	2.4	4.3	3.9
Oregon .....	24.3	45.4	41.1	16.8	-4.4	3.6	5.9	5.4
Pennsylvania .....	128.6	275.0	263.8	35.3	-11.2	3.3	7.1	6.8
Puerto Rico <sup>2</sup> .....	65.0	74.1	79.3	14.3	5.2	11.0	13.5	13.5
Rhode Island .....	15.7	37.4	26.7	11.0	-10.7	4.8	11.5	8.2
South Carolina .....	18.0	54.6	41.1	23.1	-13.5	2.2	6.6	5.0
South Dakota .....	1.8	3.7	3.4	1.6	-0.3	1.2	2.3	2.1
Tennessee .....	25.3	85.0	64.4	39.1	-20.6	2.0	6.6	5.0
Texas .....	32.9	86.6	77.3	44.4	-9.3	1.0	2.4	2.1
Utah .....	7.6	15.6	13.7	6.1	-1.9	2.4	4.6	4.1
Vermont .....	5.0	10.0	9.3	4.2	-0.7	3.8	7.5	7.0
Virginia .....	13.4	58.9	45.8	32.4	-13.1	1.0	4.3	3.3
Washington .....	53.7	80.9	76.5	22.8	-4.4	5.7	8.3	7.9
West Virginia .....	10.7	24.5	20.5	9.8	-4.0	2.4	5.3	4.4
Wisconsin .....	29.2	90.0	70.7	41.5	-19.3	2.0	5.8	4.5
Wyoming .....	0.5	1.8	1.6	1.0	-0.2	0.6	1.8	1.5

<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	Aug. 1974	Aug. 1975	State and area	Aug. 1974	Aug. 1975	State and area	Aug. 1974	Aug. 1975	State and area	Aug. 1974	Aug. 1975
<b>ALABAMA</b>			<b>INDIANA—</b>			<b>NEW JERSEY</b>			<b>PENNSYLVANIA—</b>		
Birmingham .....	5.2	10.8	Continued			Atlantic City .....	2.9	4.7	Continued		
Mobile .....	2.2	4.8				Jersey City .....	14.6	14.5			
			Gary-Hammond—			Newark .....	34.1	44.2	<b>Northeast</b>		
<b>ARIZONA</b>			East Chicago .....	2.8	8.5	New Brunswick—			Pennsylvania .....	14.8	21.0
Phoenix .....	11.0	22.9	Indianapolis .....	5.1	12.5	Perth Amboy—			Philadelphia .....	59.8	114.7
			South Bend .....	1.4	4.4	Sayreville .....	10.6	14.1	Pittsburgh .....	20.3	41.7
<b>ARKANSAS</b>			Terre Haute .....	.9	1.7	Sayerson-Clifton—			Reading .....	2.8	6.7
Little Rock—						Passaic .....	9.8	12.0	York .....	3.1	7.4
North Little			<b>IOWA</b>			Trenton .....	3.8	5.0			
Rock .....	1.8	5.5	Cedar Rapids .....	.4	1.1				<b>PUERTO RICO</b>		
			Des Moines .....	1.1	3.8	<b>NEW MEXICO</b>			Mayaguez .....	1.7	2.3
<b>CALIFORNIA</b>						Albuquerque .....	3.8	5.8	Ponce .....	3.0	3.6
Anaheim—S. Ana—			<b>KANSAS</b>			<b>NEW YORK</b>			San Juan .....	10.8	14.7
Garden Grove .....	17.4	30.6	Wichita .....	1.8	5.5	Albany—					
Fresno .....	5.0	7.2				Schenectady—			<b>RHODE ISLAND</b>		
Los Angeles—Long			<b>KENTUCKY</b>			Troy .....	6.5	11.8	Providence—		
Beach .....	99.9	146.8	Louisville .....	4.2	13.6	Binghamton .....	1.7	5.4	Warwick .....	18.9	29.6
Riverside—San						Buffalo .....	16.7	29.6	Pawtucket .....		
Bernardino—			<b>LOUISIANA</b>			<b>New York City</b>			<b>SOUTH CAROLINA</b>		
Ontario .....	9.5	21.0	Baton Rouge .....	2.4	6.1	Combined Areas .....	174.9	236.5	Charleston .....	2.3	5.4
Sacramento .....	14.7	13.7	New Orleans .....	8.0	16.3	(a) N.Y. City			Greenville—		
San Diego .....	20.6	23.0	Shreveport .....	2.6	5.6	plus Rockland,			Spartanburg .....	2.4	8.3
San Francisco—						Putnam, and			<b>TENNESSEE</b>		
Oakland .....	41.8	60.2	<b>MAINE</b>			Westchester Cos. .	140.5	184.2	Chattanooga .....	2.3	5.0
San Jose .....	11.2	19.4	Portland .....	1.3	1.9	(b) Nassau—			Knoxville .....	2.5	6.4
Stockton .....	2.4	4.8				Suffolk .....	34.4	52.3	Memphis .....	4.4	12.1
			<b>MARYLAND</b>			Rochester .....	7.3	10.9	Nashville—		
<b>COLORADO</b>			Baltimore .....	17.0	34.1	Syracuse .....	5.0	11.5	Davidson .....	2.4	10.7
Denver—Boulder ..	5.3	13.4				Utica—Rome .....	3.5	6.0			
			<b>MASSACHUSETTS</b>			<b>NORTH CAROLINA</b>			<b>TEXAS</b>		
<b>CONNECTICUT</b>			Boston .....	44.2	60.2	Ashville .....	.9	2.7	Austin .....	1.7	3.0
Bridgeport .....	7.8	10.8	Brockton .....	3.5	4.9	Charlotte—			Beaumont—		
Hartford .....	10.8	18.6	Fall River .....	3.5	5.1	Gastonia .....	1.6	8.7	Port Arthur—		
New Britain .....	2.7	5.3	Lawrence—			Greensboro—			Orange .....	1.5	4.2
New Haven—			Haverhill .....	5.2	7.6	Winston-Salem—			Corpus Christi .....	1.2	1.8
West Haven .....	7.0	9.9	Lowell .....	4.0	6.1	High Point .....	2.6	11.3	Dallas .....	5.0	17.3
Stamford .....	2.6	4.3	New Bedford .....	3.2	5.8	Raleigh—Durham ..	1.1	3.2	El Paso .....	1.7	3.7
Waterbury .....	3.7	6.8	Springfield—						Fort Worth .....	3.1	6.1
			Chicopee—			<b>OHIO</b>			Houston .....	4.5	9.8
<b>DELAWARE</b>			Holyoke .....	7.8	13.2	Akron .....	3.5	11.1	San Antonio .....	3.7	6.8
Wilmington .....	9.4	10.9	Worcester .....	5.0	8.1	Canton .....	1.6	7.2	<b>UTAH</b>		
			<b>MICHIGAN</b>			Cincinnati .....	6.9	13.7	Salt Lake City—		
<b>DIST. OF COL.</b>			Battle Creek .....	2.2	4.3	Cleveland .....	9.9	27.7	Ogden .....	4.2	7.7
Washington .....	18.7	31.0	Detroit .....	73.0	90.7	Columbus .....	6.4	14.3	<b>VIRGINIA</b>		
			Flint .....	17.3	16.6	Dayton .....	4.3	11.0	Newport News—		
<b>FLORIDA</b>			Grand Rapids .....	5.4	10.7	Hamilton—			Hampton .....	.9	2.9
Jacksonville .....	2.0	5.7	Kalamazoo—			Middletown .....	1.9	5.1	Norfolk—		
Miami .....	17.3	29.3	Portage .....	2.4	4.4	Lorain—			Virginia Beach—		
			Lansing—East			Elyria .....	1.3	4.3	Portsmouth .....	1.7	5.9
Tampa—St.			Lansing .....	9.9	10.8	Staubenville—			Richmond .....	.7	4.8
Petersburg .....	8.4	22.7	Muskegon—			Weirton .....	.6	2.7	Roanoke .....	.5	2.6
			Muskegon—			Toledo .....	5.0	11.9			
<b>GEORGIA</b>			Heights .....	2.5	6.4	Youngstown—			<b>WASHINGTON</b>		
Atlanta .....	10.2	25.0	Saginaw .....	3.4	5.2	Warren .....	3.4	14.8	Seattle .....	23.4	33.6
Augusta .....	1.9	4.7				<b>OKLAHOMA</b>			Spokane .....	4.7	6.3
Columbus .....	1.4	3.0	<b>MINNESOTA</b>			Oklahoma City .....	5.6	8.3	Tacoma .....	5.9	9.1
Macon .....	1.3	3.1	Duluth—			Tulsa .....	2.6	5.8	<b>WEST VIRGINIA</b>		
Savannah .....	1.0	2.9	Superior .....	1.6	3.6				Charleston .....	1.0	2.3
			Minneapolis—			<b>OREGON</b>			Huntington—		
<b>HAWAII</b>			St. Paul .....	12.8	27.0	Portland .....	12.1	23.0	Ashland .....	2.7	3.8
Honolulu .....	9.6	12.9				<b>PENNSYLVANIA</b>			Wheeling .....	1.1	2.3
			<b>MISSISSIPPI</b>			Allentown—					
<b>ILLINOIS</b>			Jackson .....	.7	2.2	Bethlehem—			<b>WISCONSIN</b>		
Chicago .....	48.1	146.0				Easton .....	6.0	13.8	Kanasha .....	.7	1.6
Davenport—Rock			<b>MISSOURI</b>			Altoona .....	2.4	2.9	Madison .....	2.6	4.8
Island—			Kansas City .....	8.4	19.1	Erie .....	1.8	5.9	Milwaukee .....	8.5	27.9
Moline .....	1.0	4.2	St. Louis .....	21.8	45.4	Harrisburg .....	4.0	7.4	Racine .....	1.0	3.7
Peoria .....	1.9	3.1				Johnstown .....	3.3	6.0			
Rockford .....	4.7	6.7	<b>NEBRASKA</b>			Lancaster .....	2.3	5.7			
			Omaha .....	7.8	8.6						
<b>INDIANA</b>						<b>NEW HAMPSHIRE</b>					
Evansville .....	1.3	2.9	<b>NEW HAMPSHIRE</b>			Manchester .....	1.1	3.2			
Ft. Wayne .....	1.5	5.5									

<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 Manpower 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-servicemen, and railroad workers. These statistics are published by the Manpower 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 Manpower 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 State and 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 man-hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available man-hours. It is computed by assuming: (1) That unemployed 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 men 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*.

### 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)	.09	.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 manhours 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

Hours and earnings data are derived from reports of payrolls and man-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 foreman and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman 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 foremen, journeymen, 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, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers, janitors, watchmen, 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.

**Man-hours** cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The man-hours include 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 1 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 1) 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.

#### **Spendable average weekly earnings**

Spendable 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 man-hours and one-half of total overtime man-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 man-hours**

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The man-hour aggregates are the product of average weekly hours and production-worker or nonsupervisory worker employment, and the payroll aggregates are the product of man-hour aggregates and average hourly earnings. At all higher levels of aggregation, man-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 man 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 man-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 man-hours.	Average, weighted by aggregate man 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 man-hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . . . .	Annual total of aggregate overtime man-hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man 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 man hours.	Annual total of aggregate payrolls divided by annual aggregate man 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 1973 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 the March 1973 benchmark adjustment is shown in table G.

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

Industry division	1973
Total .....	98.4
Mining .....	96.5
Contract construction .....	90.4
Manufacturing .....	98.9
Transportation and public utilities .....	99.3
Wholesale and retail trade .....	97.8
Finance, insurance, and real estate .....	99.5
Services .....	99.1
Government .....	99.5

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 1973<sup>1</sup>**

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total .....	157,500	30,648,000	41
Mining .....	2,200	310,000	50
Contract construction .....	16,100	720,000	20
Manufacturing .....	46,900	11,860,000	60
Transportation and public utilities:			
Railroad transportation (ICC) .....	93	526,000	94
Other transportation and public utilities .....	7,100	2,860,000	54
Wholesale and retail trade .....	38,500	3,002,000	18
Finance, insurance, and real estate .....	9,900	1,483,000	37
Services .....	23,100	2,670,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup> .....	3,300	1,524,000	100
State and local .....	10,300	5,693,000	51

<sup>1</sup> Since a few establishments do not report payroll and man-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 3,300 reports covering about 54 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 1973**

Industry	Employees	
	Number reported	Percent of total
Total .....	11,278,000	54
Manufacturing .....	10,386,000	53
Metal mining .....	64,000	72
Coal mining .....	58,000	40
Communication:		
Telephone .....	754,000	78
Telegraph .....	16,000	63

**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 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 .....	.2	0.1	0.2
Mining .....	.7	.5	.5
Construction .....	1.1	.2	.3
Manufacturing .....	.3	.1	.1
Durable goods .....	.4	.1	.1
Nondurable goods .....	.3	.1	.1
Transportation and public utilities .....	.4	.7	.4
Trade .....	.2	.1	.2
Wholesale .....	.9	.2	.3
Retail .....	.2	.2	.2
Finance, insurance, and real estate .....	.3	.2	.4
Services .....	.5	.4	.8
Government <sup>3</sup> .....			

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

<sup>2</sup> The average percent revision in employment for the 6 most recent annual benchmarks (1966-71).

<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 .....	700	700
100,000 .....	900	900
200,000 .....	1,600	1,400
500,000 .....	2,700	2,600
1,000,000 .....	4,800	4,600
2,000,000 .....	9,000	8,700
10,000,000 .....	24,000	20,200
Total nonagricultural employment .....	102,000	89,000
Mining .....	5,000	4,000
Contract construction .....	20,000	21,000
Manufacturing .....	45,000	42,000
Transportation and public utilities .....	13,000	12,000
Wholesale and retail trade .....	35,000	30,000
Finance, insurance, and real estate .....	7,000	7,000
Services .....	29,000	24,000
Government .....	46,000	40,000

## 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 Manpower 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 man-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 man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-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 August 1974. Seasonal factors to be used for current adjustment appear in the December 1974 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.

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Region

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IX	ARIZONA	- Department of Economic Security, P.O. Box 6123, Phoenix 85005
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