

# 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	July	Aug.	Sept.	Oct.	Nov.	
<b>Household data</b>											
Annual averages	x										
Revised seasonally adjusted series and current seasonal factors		x									
<b>Quarterly averages:</b>											
Seasonally adjusted data											
Persons not in labor force	x			x		x			x		
Vietnam Era war veterans											
<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 and current seasonal factors								(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 September 1971 issue marks the introduction of March 1970 benchmarks.

## Employment and Unemployment Developments, September 1971

Employment rose substantially in September while unemployment remained virtually unchanged, after allowance for the usual seasonal movements. The overall unemployment rate was 6.0 percent in September, virtually unchanged from the 6.1 percent level of August.

Total employment increased by 325,000 (seasonally adjusted) between August and September, with the gain concentrated among part-time workers. Nonagricultural payroll employment posted a gain of similar magnitude, with manufacturing employment registering a substantial increase, its first since May.

### Industry payroll employment

Nonagricultural payroll employment rose 300,000 between August and September to 70.9 million, seasonally adjusted. The increase brought payroll employment to within 300,000 of the alltime high recorded in March 1970. Over-the-month employment gains occurred in all major industry divisions and were about equally divided between the goods- and service-producing sectors.

Manufacturing employment increased 130,000, seasonally adjusted, in September, the largest single monthly gain in factory jobs in over 5 years (with the exception of two months in which striking automobile workers returned to their jobs—November 1967 and December 1970). Over-the-month gains were widespread throughout manufacturing, with the largest occurring in fabricated metals and electrical equipment (about 20,000 each) and in machinery and rubber and plastics (15,000 each).

In contract construction, employment edged up in September for the first time in 5 months (seasonally adjusted), due in part to the net return of striking workers. Employment in this industry was slightly below last September's level (by 40,000). There was also an over-the-month job gain in mining.

In the service-producing sector, employment increases amounted to about 45,000 each in trade and government and close to 20,000 each in finance, services, and transportation and public utilities. Employment in trade, services, and State and local government has been moving up steadily throughout most of 1971.

### Hours of work

The average workweek for all rank-and-file workers

on private nonagricultural payrolls dropped more than seasonally between August and September and after seasonal adjustment was down 0.2 hour to 36.7 hours, its lowest level in a year. The workweek declined in six of the seven major industry divisions.

The largest over-the-month drop occurred in contract construction (1.0 hour, seasonally adjusted). Bad weather conditions in many sections of the country during the reference week were apparently a contributing factor.

In manufacturing, the workweek averaged 39.6 hours (seasonally adjusted), down 0.2 hour from August. Declines in the factory workweek occurred in most manufacturing industries, and there were decreases of one-half hour or more in six of them.

Factory overtime edged down 0.1 hour in September to 2.8 hours, seasonally adjusted. The contraction in overtime was centered in the durable goods industries. Overtime hours in manufacturing have been in the 2.8-to-3.0 hours range since January.

### Earnings

Average hourly earnings of production and nonsupervisory workers on private payrolls rose 3 cents in September to \$3.48. Hourly earnings usually increase substantially in September (by 4 cents in 1970, 6 cents in 1969, and 5 cents in 1968), as many young people leave jobs with low hourly rates to return to school. After allowance for these usual August-September changes, average hourly earnings in the total private nonagricultural sector were down 1 cent on a seasonally adjusted basis (from \$3.46 to \$3.45). Of the seven major industry divisions for which data are published, seasonally adjusted hourly earnings increased in four and were unchanged in three in September. In August, all seven divisions showed an increase, and in July six increased and one was unchanged. (Seasonally adjusted hourly earnings figures are contained in table C-15.) Compared with a year ago, average hourly earnings this September were up 19 cents or 5.8 percent.

Average weekly earnings fell over the month by 27 cents to \$128.76, as a result of the reduction in the workweek. Increases in average weekly earnings in manufacturing and transportation and public utilities were more than offset by declines in the other industry groups. Compared with September 1970, average weekly

earnings were up by \$7.03 or 5.8 percent. During the latest 12-month period for which Consumer Price Index data are available—August 1970 to August 1971—the index rose 4.5 percent.

#### **Unemployment**

There were about 4.8 million unemployed persons in September. After allowance for the usual exit from the labor force and return to school of many summertime jobseekers, the seasonally adjusted unemployment level was virtually unchanged between August and September. The jobless rate, at 6.0 percent in September, was also essentially unchanged from its August level of 6.1 percent. Although there was an over-the-month decrease in unemployment among part-time workers, this was largely offset by a small increase in unemployment among full-time workers.

The unemployment situation for most of the major labor force groups was also essentially unchanged in September. The jobless rate for all adult men (4.5 percent), married men (3.3 percent), adult women (5.6 percent), and teenagers (17.1 percent) showed virtually no change from their August levels. There was also little change in jobless rates among the major occupation and industry groups between August and September. The jobless rate for white workers declined slightly, from 5.6 to 5.4 percent, while the rate for Negro workers edged up from 9.8 to 10.5 percent.

Joblessness among workers covered by State unemployment insurance programs increased in September. The unemployment rate for these workers rose from 4.2 percent in August to 4.4 percent in September.

The average duration of unemployment was 12.0 weeks in September. It has fluctuated close to that level since May, about 3 weeks above year-ago levels.

#### **Civilian labor force and total employment**

The actual number of persons in the civilian labor force declined about 1.5 million between August and September, reflecting the return to school of many youths who had been working or seeking work during the summer. The decline was somewhat smaller than the usual August-to-September change, and after seasonal adjustment, the civilian labor force level was up by nearly 300,000 to 84.6 million. The gain was almost equally divided between adult men and adult women.

The number of employed persons also declined less than usual between August and September. After seasonal adjustment, total employment was up by 325,000 to 79.5 million—an alltime high. About two-thirds of the over-the-month gain in employment—which was largely of a part-time nature—was accounted for by adult women. Compared with September a year ago, total employment was up by 1 million, with slightly more than half of the gain being in part-time jobs.

#### **Vietnam Era veterans**

The number of Vietnam Era war veterans 20 to 29 years old in the civilian labor force was 3.9 million in September 1971, an increase of about 540,000 over the year (data not seasonally adjusted; see table). A total of 3.5 million of these men were employed, some 415,000 more than last September. Unemployed veterans numbered 320,000 in September, the same as in August, but 125,000 more than a year earlier.

The unemployment rate for veterans was 8.3 percent in September, unchanged over the month but considerably higher than their rate in September 1970 (6.0 percent). It was also higher than the rate for nonveterans of the same age (20-29 years)—6.6 percent—which also was essentially unchanged over the month.

#### **Quarterly developments**

After showing little growth since the fall of 1970, total employment posted substantial gains between the second and third quarters of 1971 (seasonally adjusted). The civilian labor force also increased substantially during this period. The overall jobless rate, however, was unchanged at 6.0 percent, the fourth straight quarter at about this level. (See tables 1-8 in the quarterly average section.)

#### **Labor force and total employment**

The civilian labor force rose by 550,000 to 84.2 million (seasonally adjusted) in the third quarter of 1971, after showing little growth in the 2 previous quarters. The expansion in the July-September period was about equally divided between adult men and women, as the number of teenagers in the labor force declined slightly.

The total labor force, which includes persons in the Armed Forces in addition to those in the civilian labor force, averaged 87.0 million (seasonally adjusted) in the third quarter. This was 470,000 above the April-June level and represented the first significant rise since the fourth quarter of 1970.

Total civilian employment, which had been on a virtual plateau since last fall, moved up 520,000 in the third quarter to 79.2 million (seasonally adjusted). The advance brought total employment to an alltime quarterly high, 320,000 above the previous peak attained in the first quarter of 1970. The third quarter employment increase was about equally divided between full- and part-time workers.

Adult women accounted for the largest part of the employment pickup in the third quarter (a gain of 325,000), with an especially sharp rise among 20-to-24 year-olds. Employment of adult men also rose in the third quarter (by 220,000). This was its second straight

quarterly advance following a 1-year period of decline. The third quarter increase for adult men occurred primarily among those 25 years of age and over. Employment among teenagers was about unchanged for the second straight quarter, after showing a small increase in early 1971.

### Unemployment

The number of jobless persons averaged 5.0 million (seasonally adjusted) in the July-September period, essentially the same level as in the previous 3 quarters. The jobless rate was 6.0 percent in the third quarter, also about unchanged from the previous 3 quarters. This leveling off in joblessness followed 4 consecutive quarters of substantial increases and was characterized by small divergent movements among major labor force groups. The third quarter jobless rate for all adult men was 4.5 percent, essentially unchanged from the previous quarter but up slightly from the fourth quarter of 1970, when it was 4.3 percent. The teenage rate, at 16.8 percent for the second straight quarter, remained below the highs posted in late 1970 and early 1971. The jobless rate for adult women, at 5.7 percent, was about unchanged from the previous 2 quarters but was slightly above the level of the last quarter of 1970. In contrast, the unemployment rate for married men was 3.2 percent for the fourth consecutive quarter, and the rate for full-time workers was unchanged at 5.5 percent over the same time span.

The jobless rate for Negro workers was 10.1 percent in the third quarter of 1971, not significantly changed from the second quarter of the year, but above the rates of the previous 2 quarters. Unemployment among Negro adult men increased between the second and third quarters of 1971—from 6.8 to 7.6 percent—but the rise was largely offset by small decreases among women and teenagers. The rate for white workers (5.5

percent in the third quarter) has been essentially unchanged since last fall. The ratio of Negro-to-white jobless rates was 1.8 to 1 in both the second and third quarters of 1971, compared with 1.7 to 1 in the 2 earlier quarters.

### Industry employment

Nonagricultural payroll employment averaged 70.6 million in the third quarter of 1971 (seasonally adjusted), little changed from the second quarter. This compared with increases of 315,000 in the first quarter of the year (following the automobile strike) and 235,000 in the second quarter. Third quarter developments were marked by an employment decline in the goods-producing industries, which was just about offset by the continued gains in the service sector.

Employment in the goods-producing sector averaged 22.4 million in the July-September quarter (seasonally adjusted), down 170,000 from the second quarter of 1971; more than two-thirds of the cutback took place in the manufacturing industries, largely in durable goods. Factory employment averaged 18.5 million in the third quarter of 1971, down 1.7 million from the alltime high reached in the third quarter of 1969.

Employment in the service-producing sector, at 48.3 million in the third quarter, was up by 140,000 over the quarter, compared with gains of 240,000 and 350,000 in the second and first quarters, respectively. The largest increases in this sector have occurred in retail trade and services.

The average workweek of production and nonsupervisory workers in the total private nonagricultural economy declined by 0.2 hour to 36.8 hours in the third quarter (seasonally adjusted). The manufacturing workweek also fell slightly, after rising in the previous 2 quarters.

### Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old

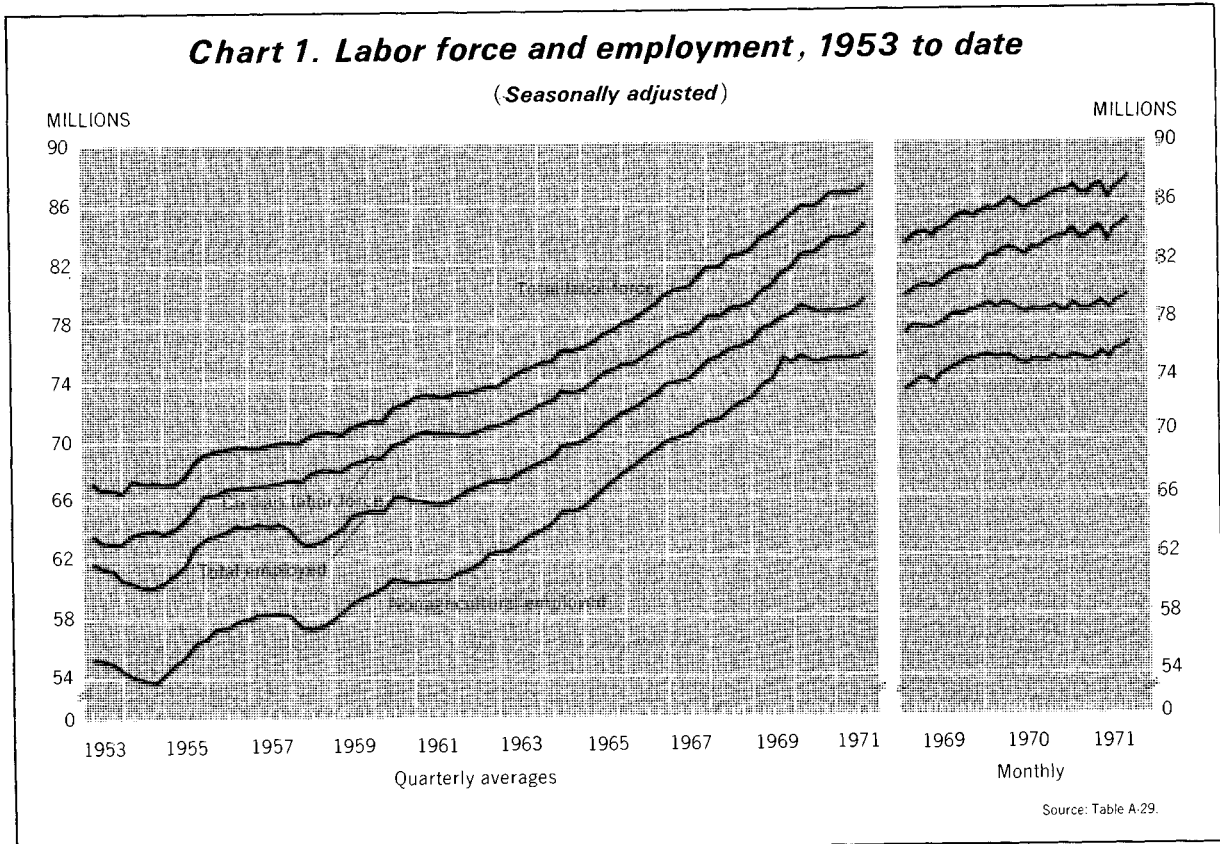
(Number in thousands; data not seasonally adjusted)

Employment status	War veterans <sup>1</sup>			Nonveterans		
	Sept. 1971	Aug. 1971	Sept. 1970	Sept. 1971	Aug. 1971	Sept. 1970
Civilian noninstitutional population . . . . .	4,206	4,142	3,584	9,476	9,458	8,992
Civilian labor force . . . . .	3,863	3,855	3,322	8,163	8,569	7,885
Percent of population . . . . .	91.8	93.1	92.7	86.1	90.6	87.7
Employed . . . . .	3,541	3,533	3,124	7,621	7,971	7,352
Unemployed . . . . .	322	322	198	542	598	533
Unemployment rate . . . . .	8.3	8.4	6.0	6.6	7.0	6.8
Not in labor force . . . . .	343	287	262	1,313	889	1,107

<sup>1</sup> War veterans are defined by the dates of their service in the United States Armed Forces. War veterans 20 to 29 years old are all veterans of the Vietnam Era (service at any time after August 4, 1964), and they account for about 85 percent of the Vietnam Era veterans of all ages. About 600,000 post-Korean-peacetime veterans 20 to 29 years old are not included in this table.

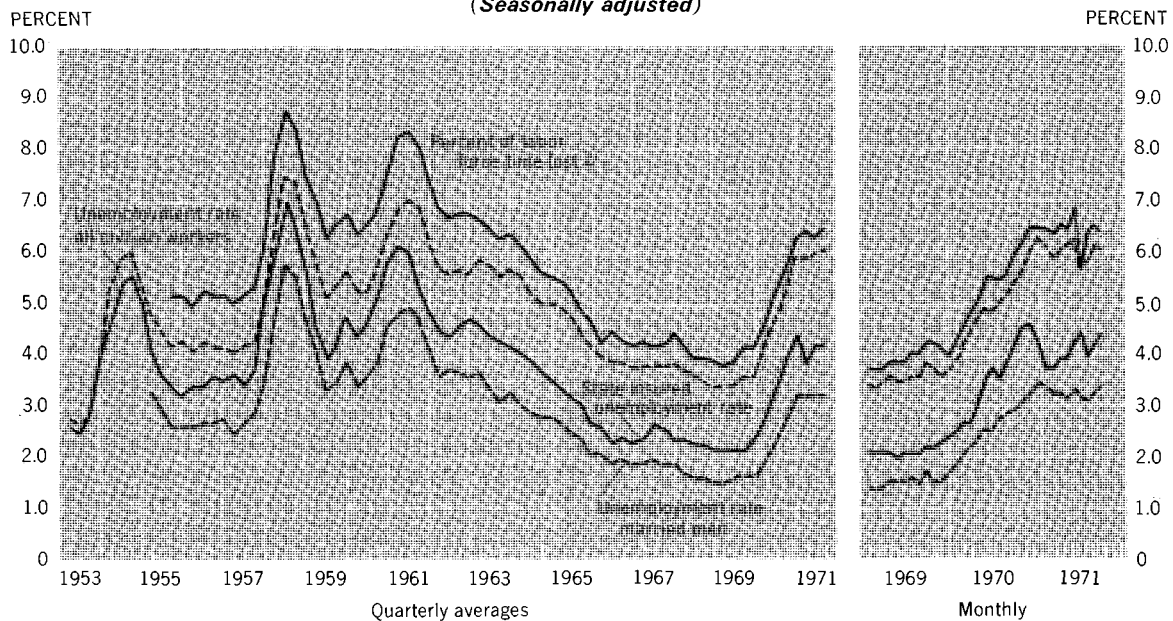
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**Chart 2. Major unemployment indicators  
1953 to date**

(Seasonally adjusted)

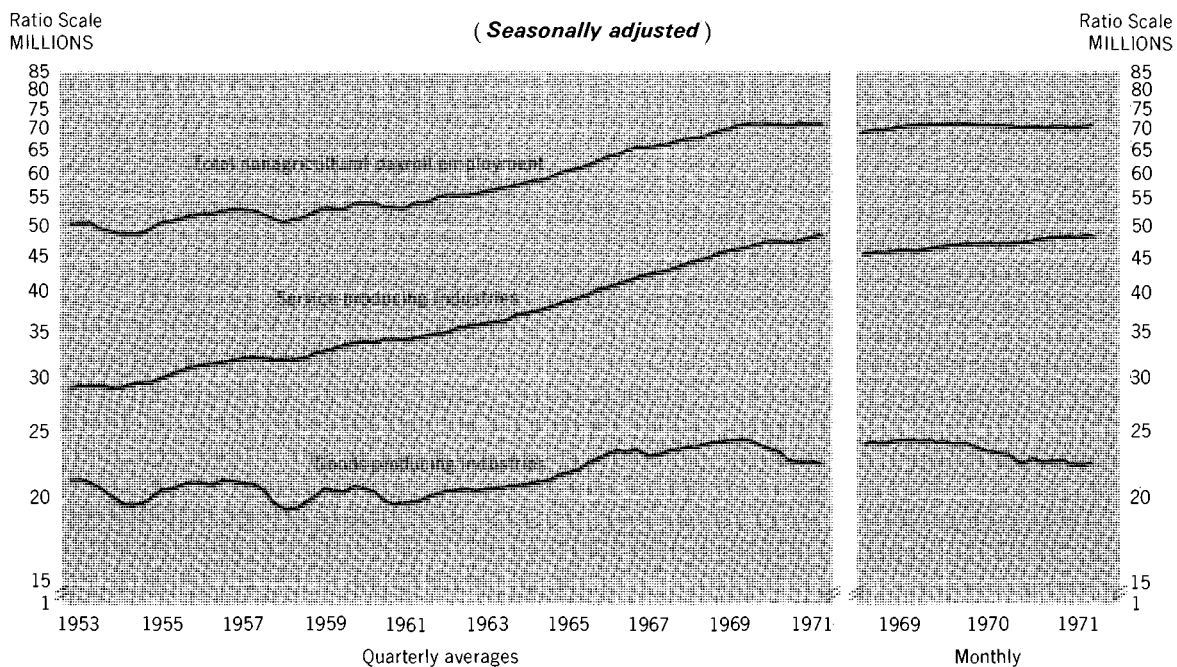


U-Series revised beginning 1963 to reflect whether unemployed persons sought full- or part-time jobs.

Source: Table A-33.

**Chart 3. Payroll employment in goods and service-producing industries  
1953 to date**

(Seasonally adjusted)

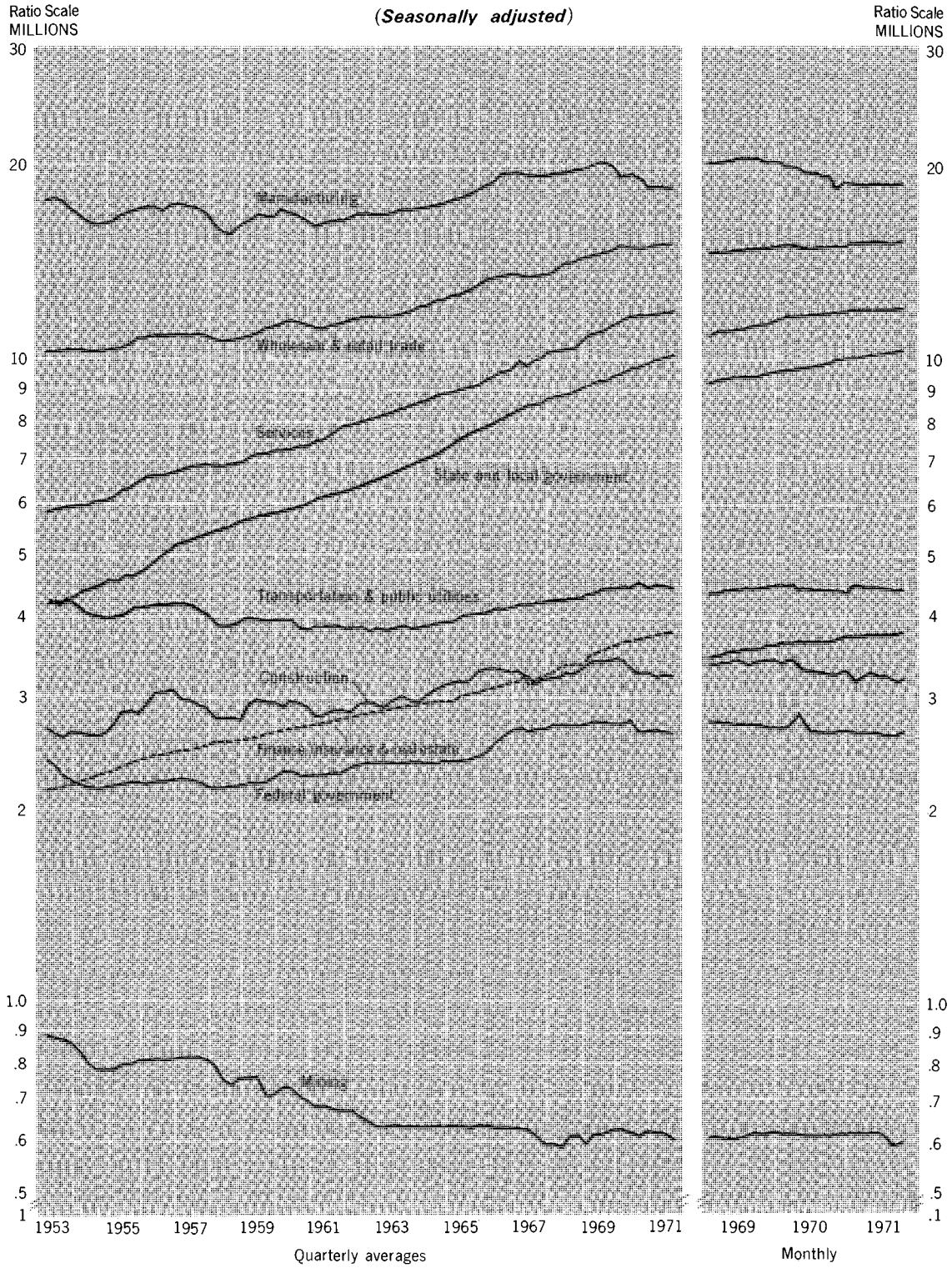


Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

### Chart 4. Nonagricultural payroll employment by industry 1953 to date

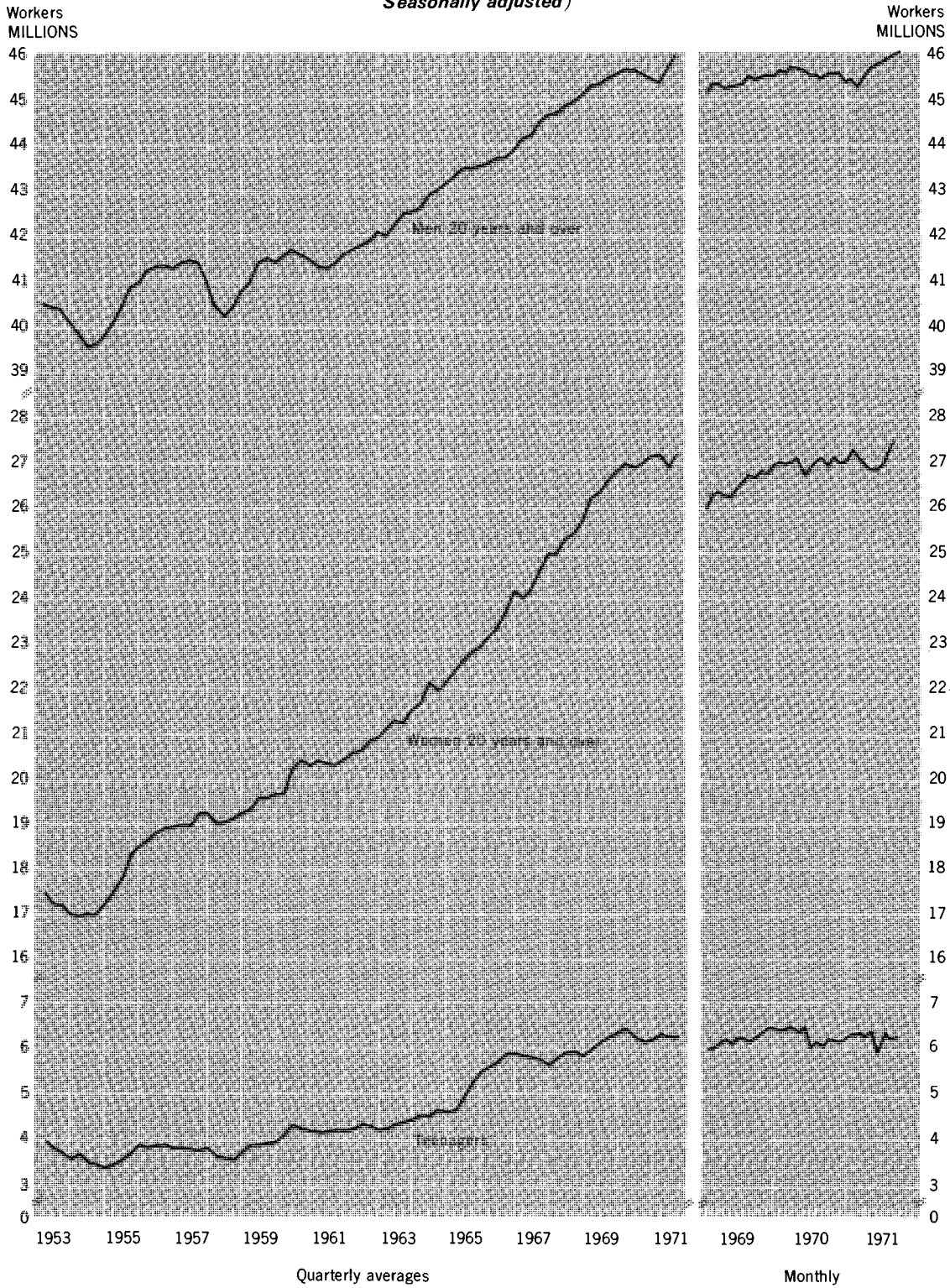
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

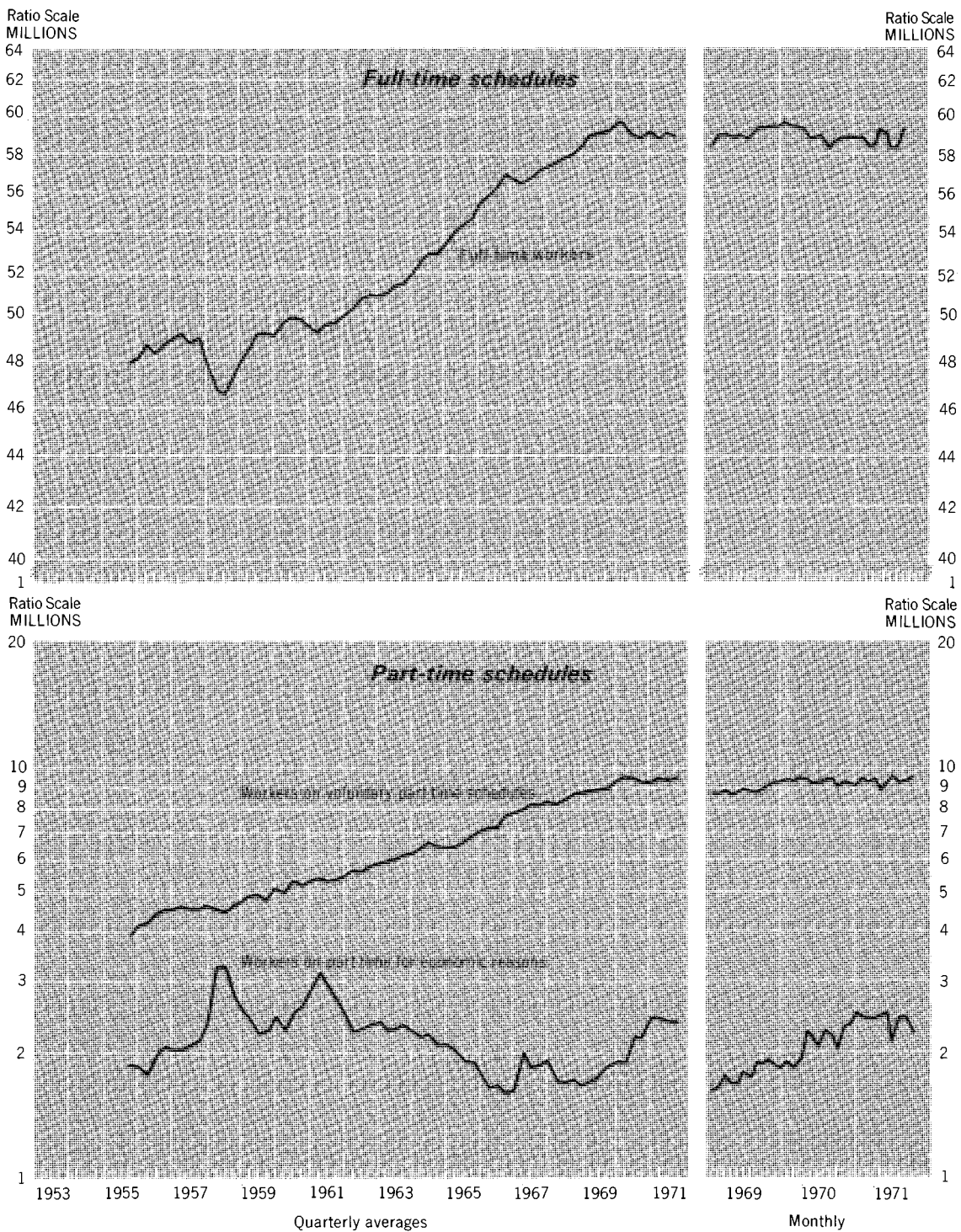
Source: Table B-5

**Chart 5. Total employment by age and sex  
1953 to date  
Seasonally adjusted**





**Chart 6. Persons at work full and part time  
in nonagricultural industries  
1955 to date**  
(Seasonally adjusted)

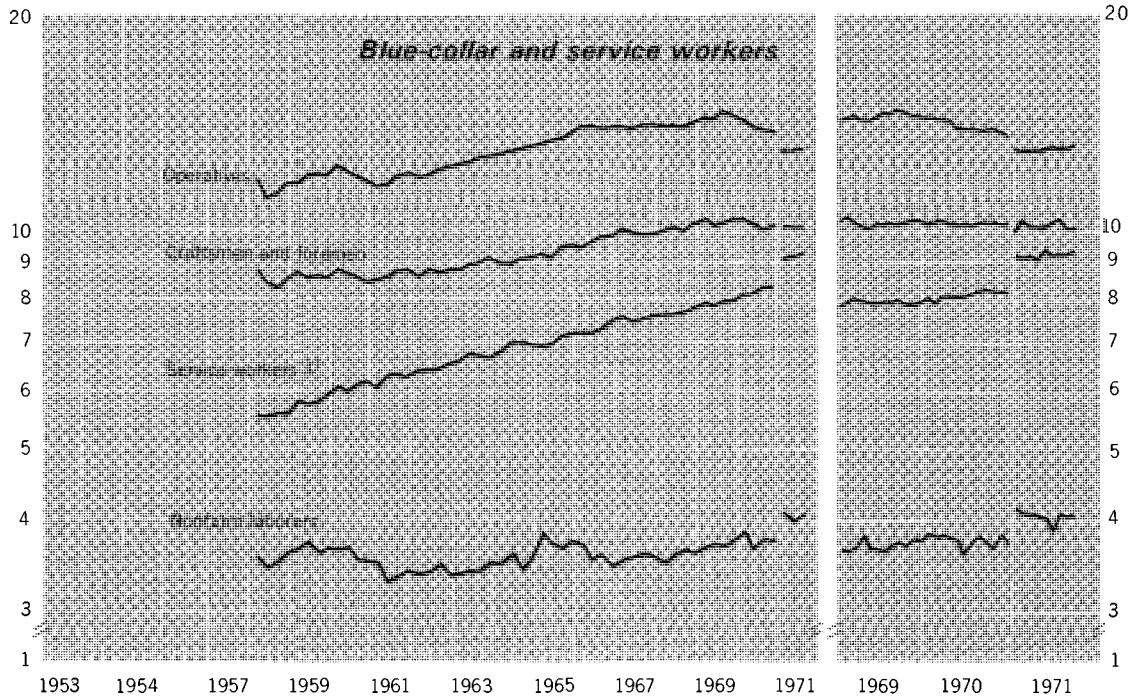
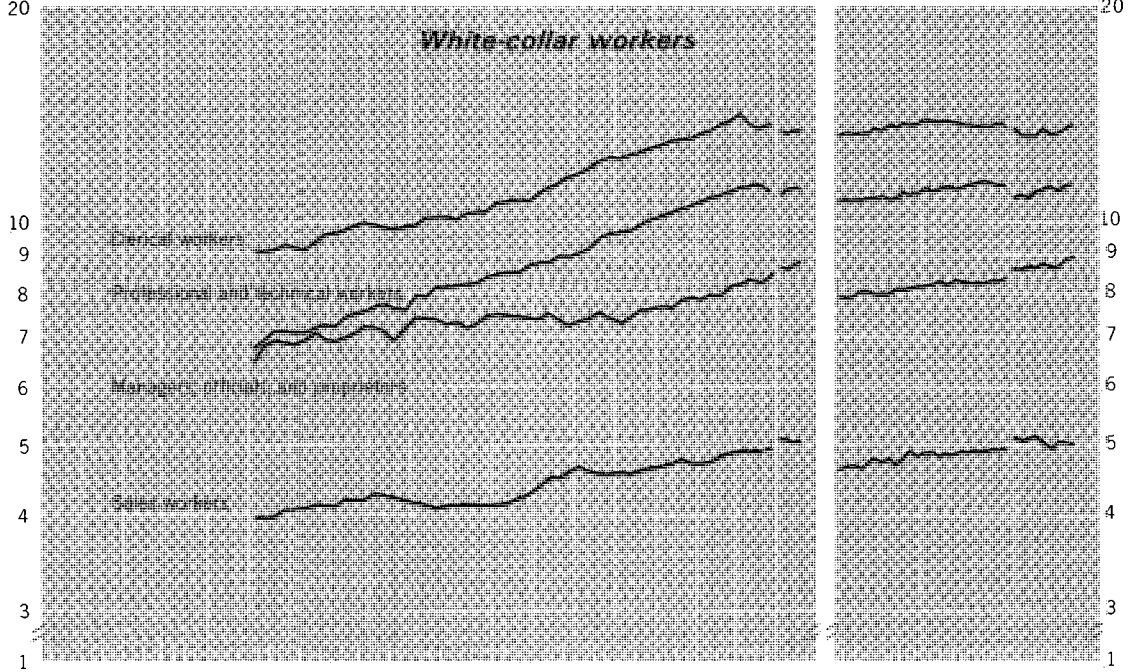


Source: Table A-29 and unpublished data.

## Chart 7. Employment in nonfarm occupations 1958 to date (Seasonally adjusted)

Ratio Scale  
MILLIONS

Ratio Scale  
MILLIONS



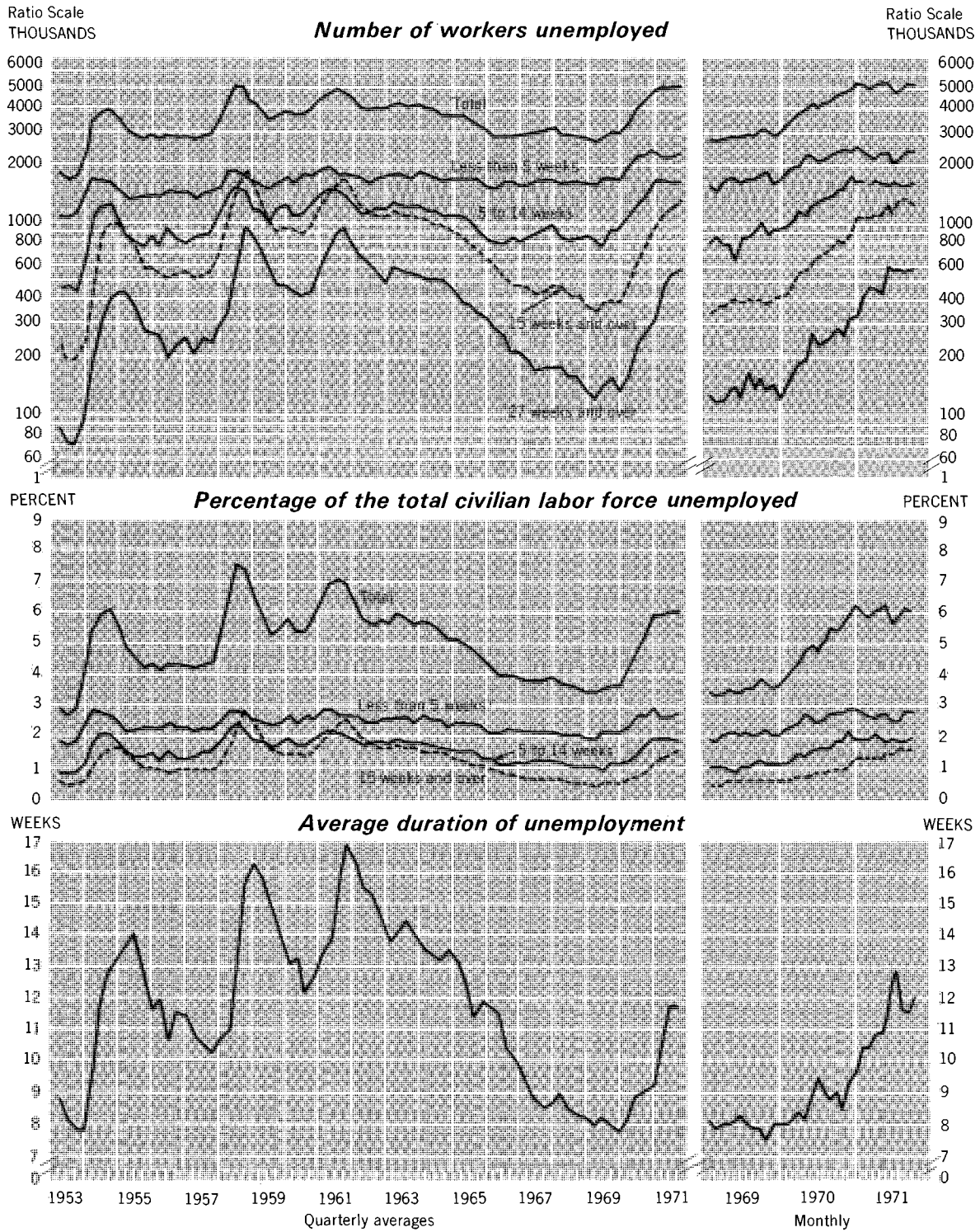
1/ Excludes private household workers.

Note: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month, creating a break in series.

Source: Table A-37.

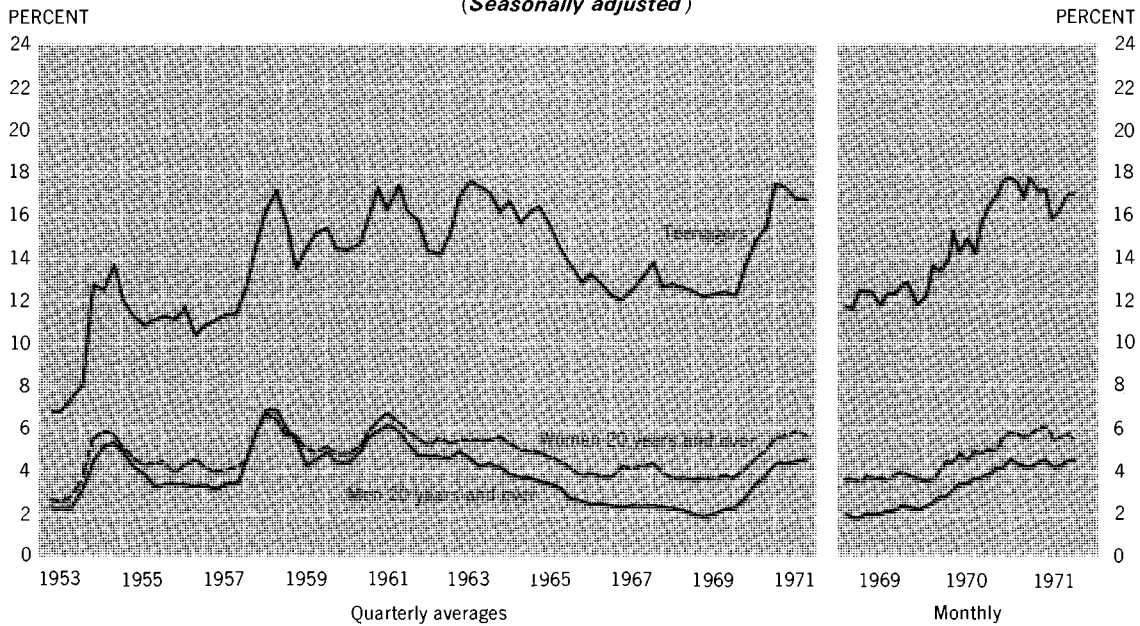
## Chart 8. Duration of unemployment 1953 to date

(Seasonally adjusted)



**Chart 9. Unemployment rates by age and sex  
1953 to date**

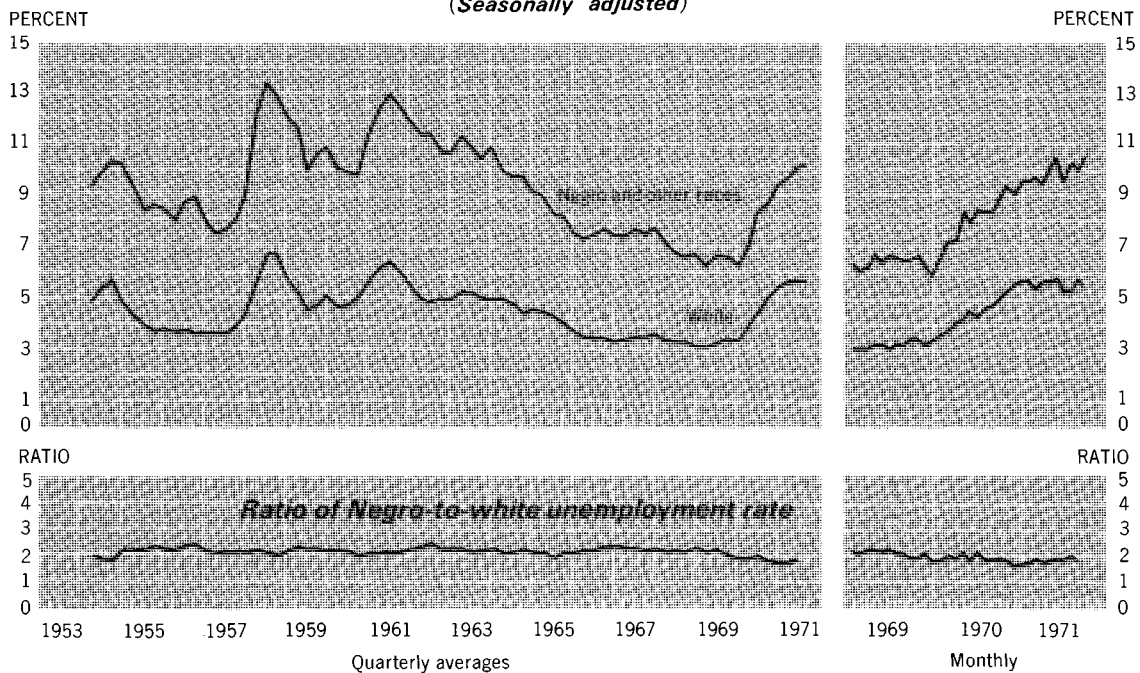
(Seasonally adjusted)



Source: Table A-33.

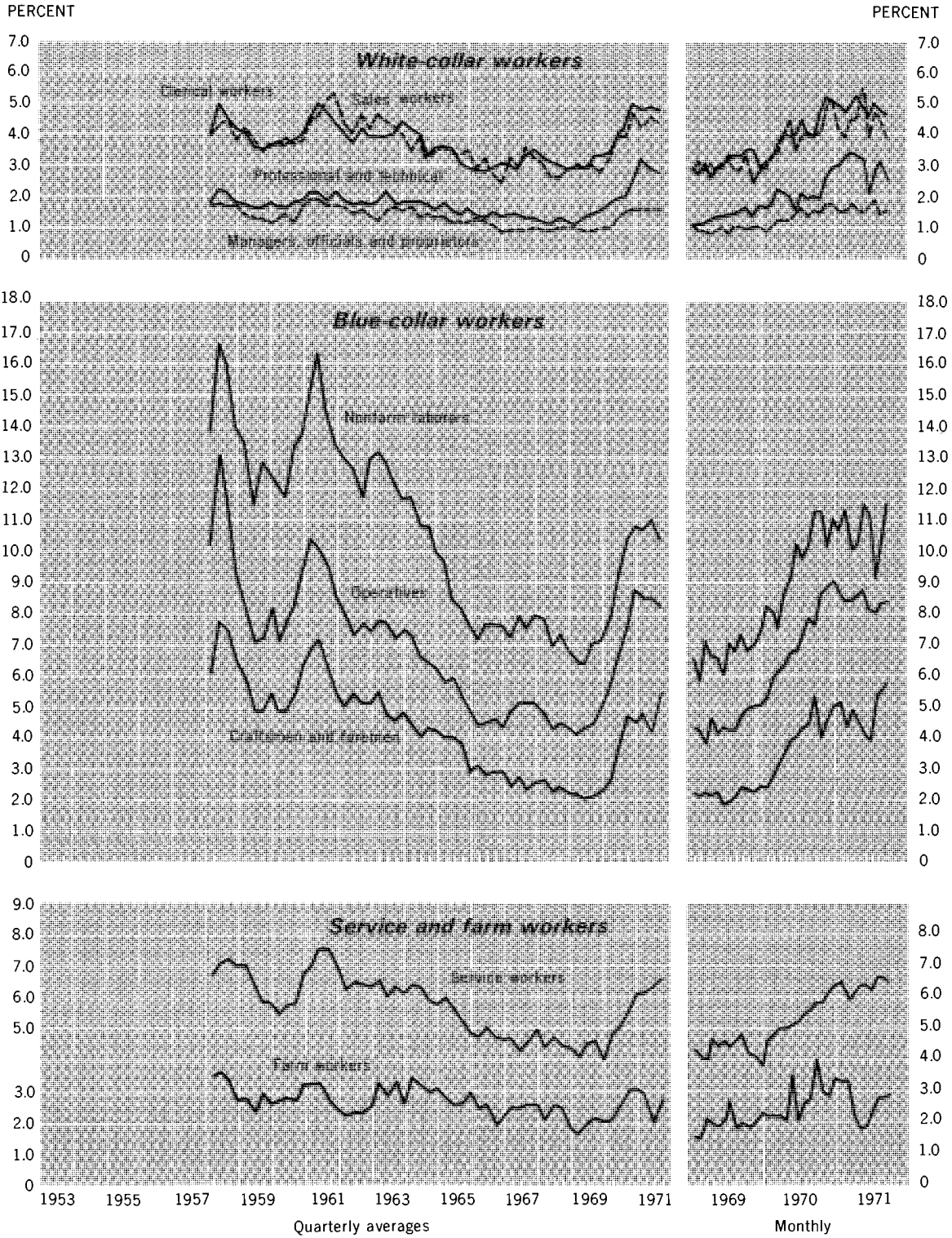
**Chart 10. Unemployment rates by color  
1954 to date**

(Seasonally adjusted)



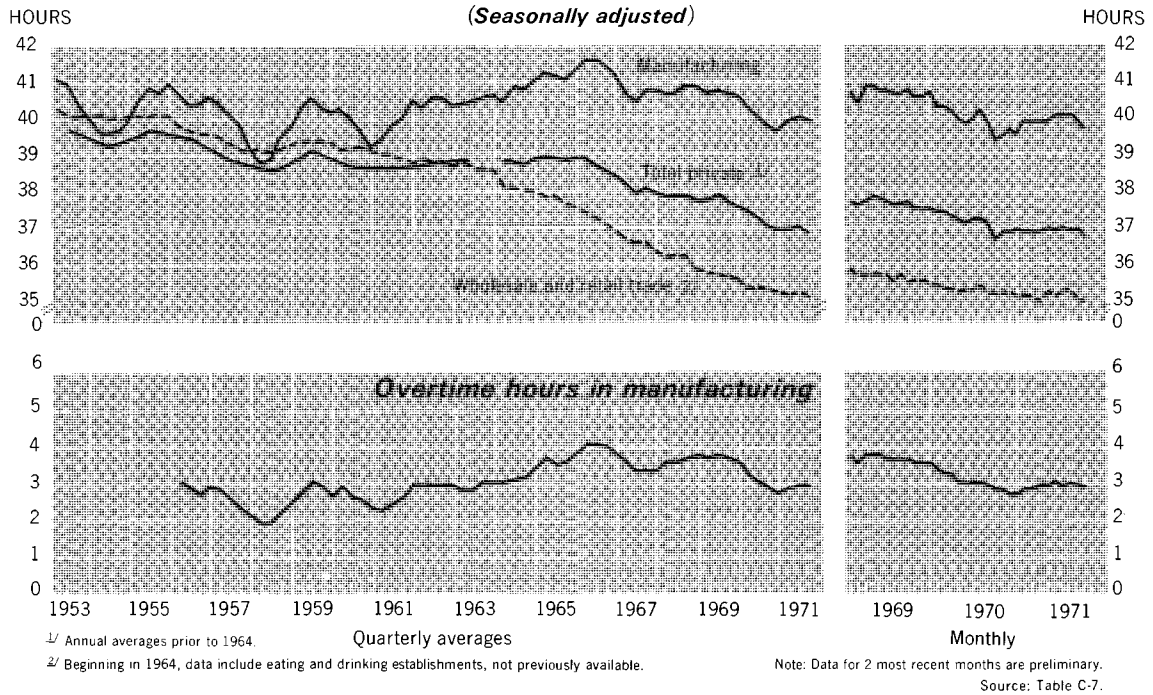
Source: Table A-31.

**Chart 11. Unemployment rates by occupation**  
**1958 to date**  
*(Seasonally adjusted)*

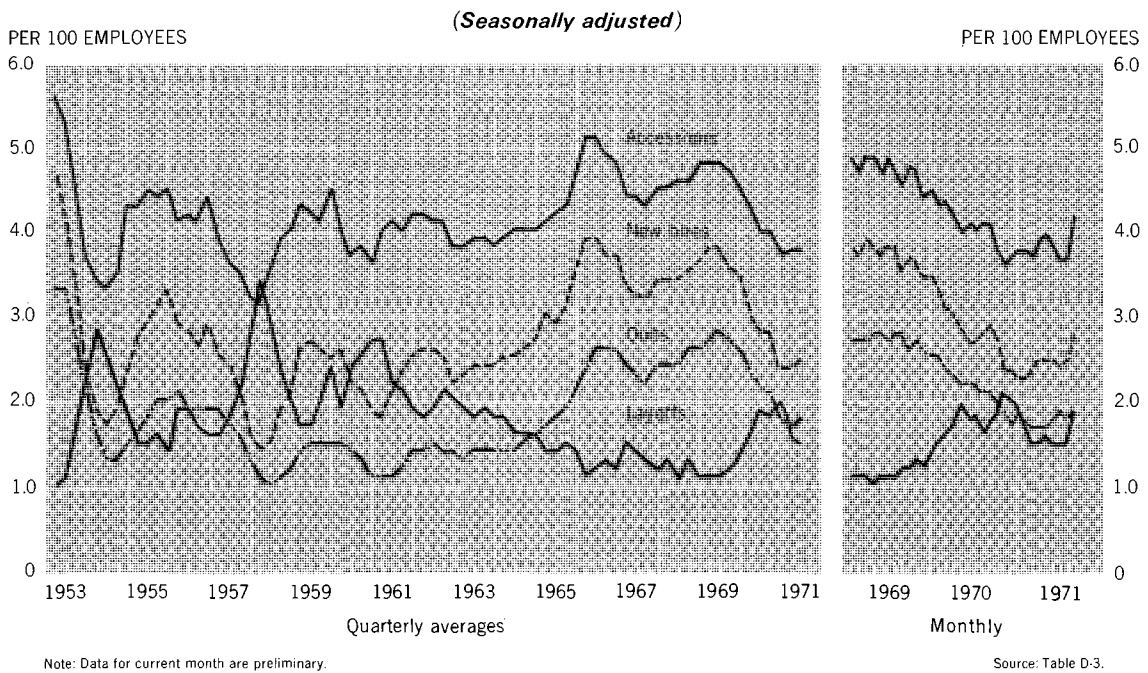


Source: Table A-33.

**Chart 12. Average weekly hours in private nonagricultural establishments, manufacturing, and trade  
1953 to date**



**Chart 13. Labor turnover rates in manufacturing  
1953 to date**

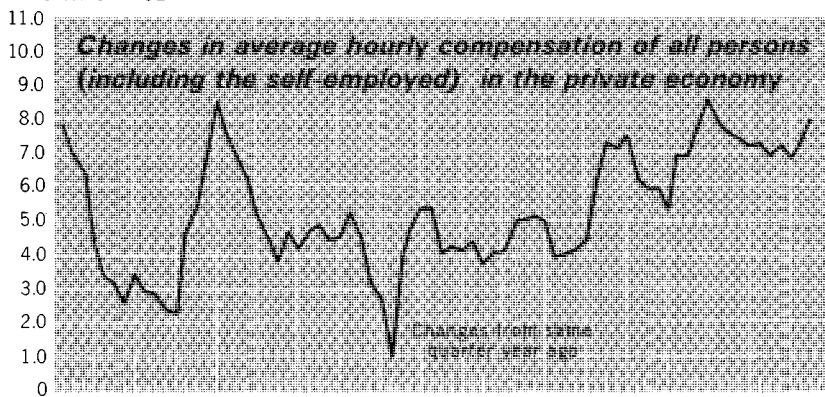


# Chart 14. Major compensation trend indicators

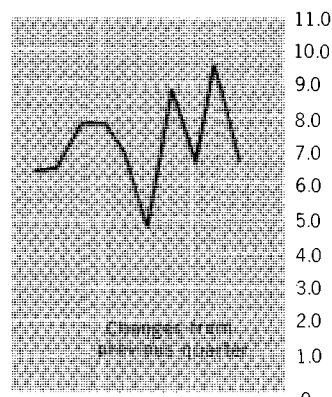
1953 to date

(Seasonally adjusted, at annual rates)

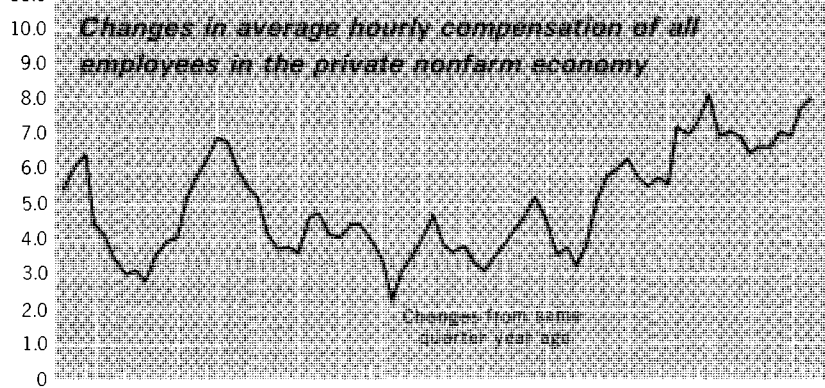
PERCENT CHANGE



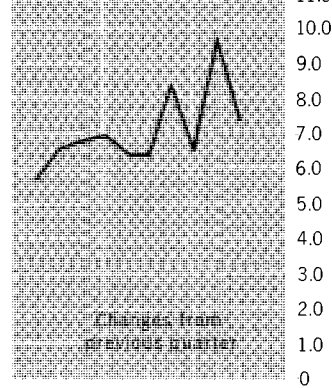
PERCENT CHANGE



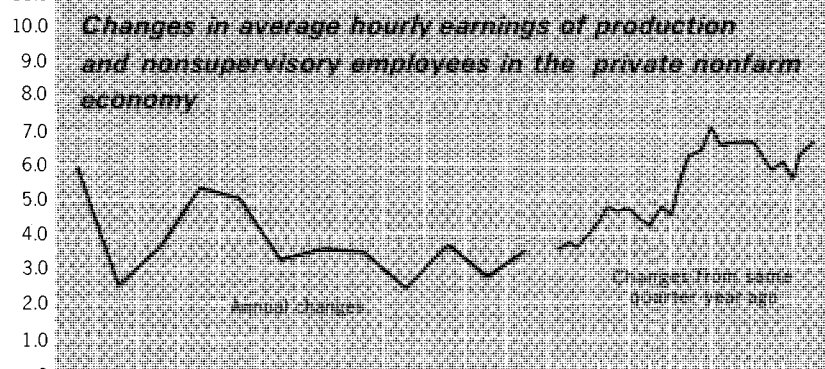
11.0



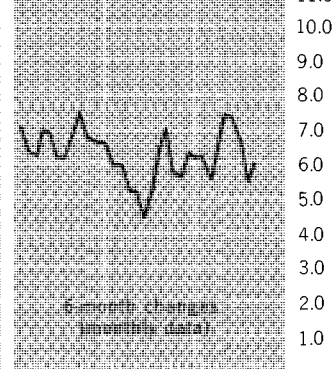
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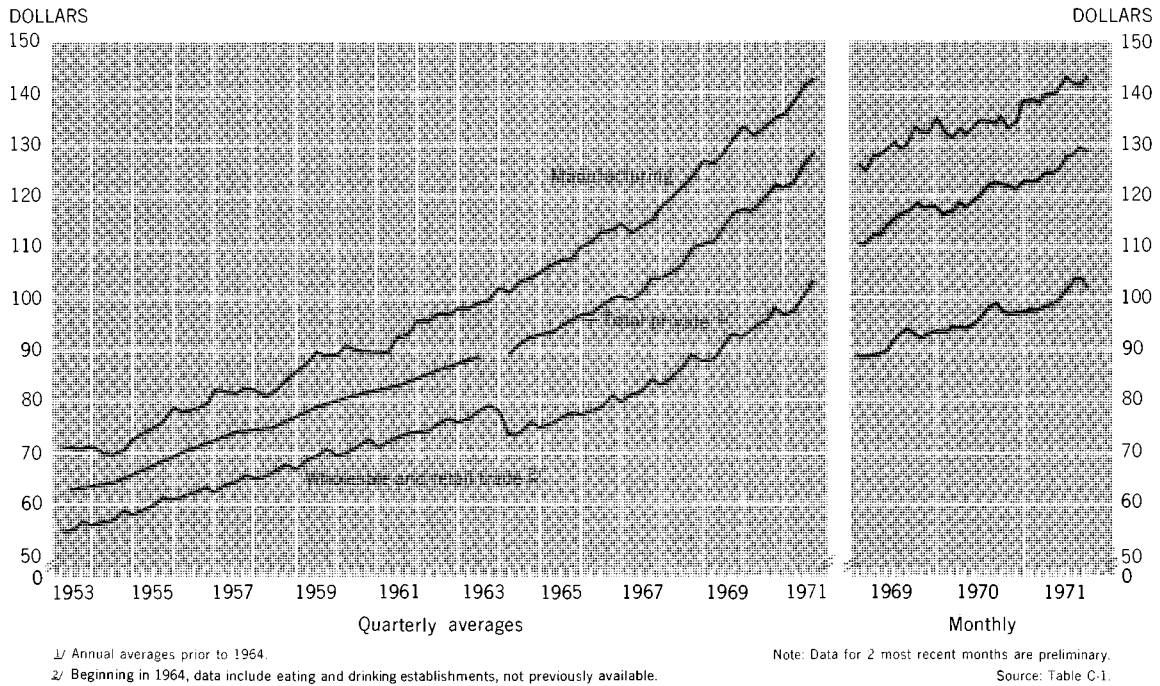


1953 1955 1957 1959 1961 1963 1965 1967 1969 1971

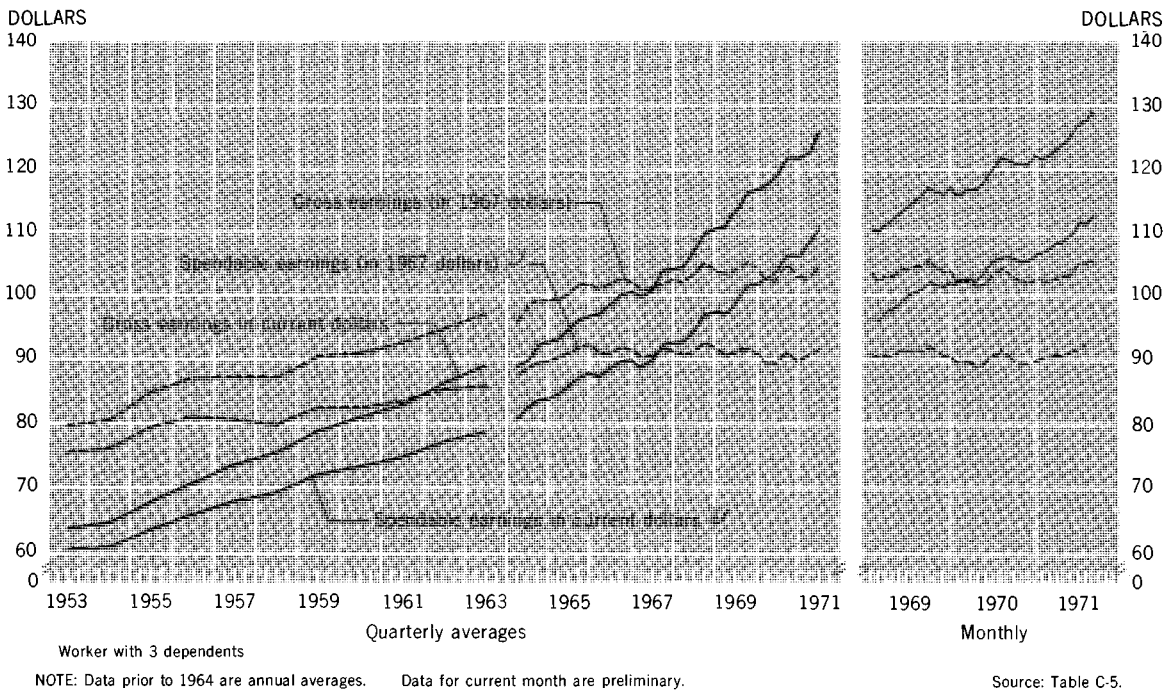
1969 1970 1971

Source: Tables C-11, C-12, and C-14.

**Chart 15. Average weekly earnings in private nonagricultural establishments, manufacturing, and trade 1953 to date**



**Chart 16. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date**

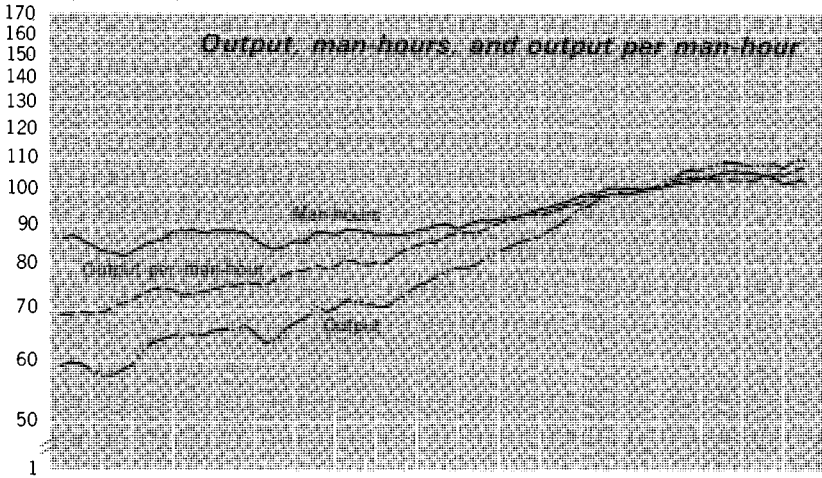




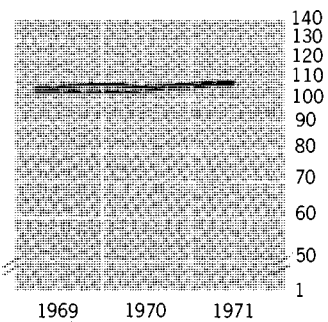
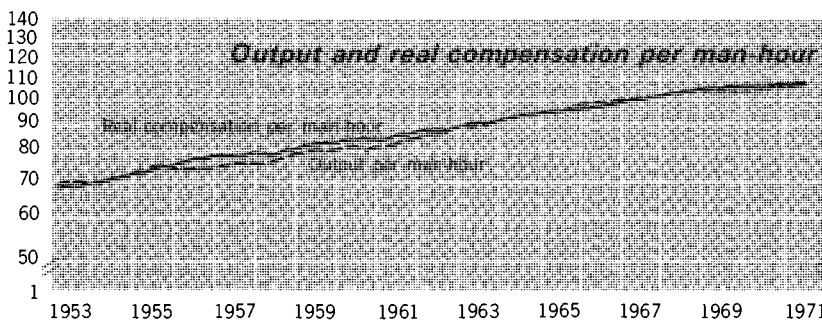
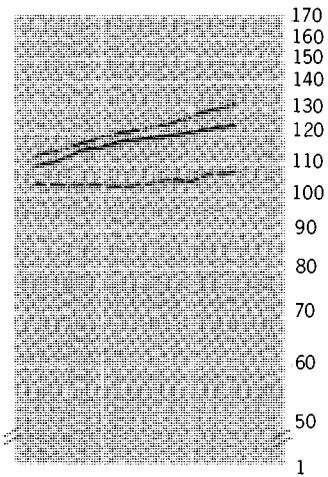
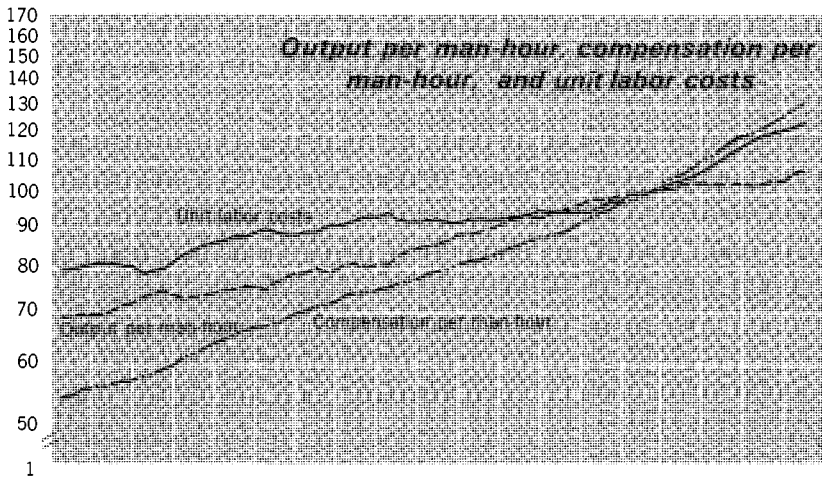
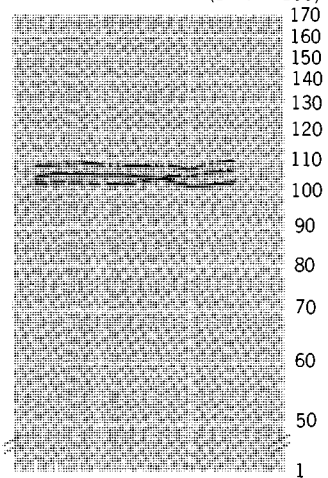
**Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy  
1953 to date**

(Seasonally adjusted quarterly averages)

RATIO SCALE  
INDEX (1967 = 100)



RATIO SCALE  
INDEX (1967 = 100)



Source: Table C-10.

MONTHLY TABLES

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

(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		
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	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
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	54,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	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.....	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.....	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
1970: September.....	140,675	85,655	60.9	82,546	78,254	3,525	74,729	4,292	5.2	5.4	55,019
1971: January.....	141,500	85,628	60.5	82,652	77,238	2,877	74,361	5,414	6.6	6.0	55,872
February.....	141,670	85,653	60.5	82,703	77,262	2,846	74,415	5,442	6.6	5.8	56,017
March.....	141,885	85,598	60.3	82,668	77,493	3,042	74,452	5,175	6.3	6.0	56,286
April.....	142,088	85,780	60.4	82,898	78,204	3,505	74,699	4,694	5.7	6.1	56,308
May.....	142,285	85,954	60.4	83,104	78,709	3,598	75,111	4,394	5.3	6.2	56,331
June.....	142,482	87,784	61.6	84,968	79,478	3,920	75,559	5,490	6.5	5.6	54,698
July.....	142,685	88,808	62.2	86,011	80,681	3,971	76,710	5,330	6.2	5.8	53,877
August.....	142,886	88,453	61.9	85,678	80,618	3,764	76,853	5,061	5.9	6.1	54,433
September.....	143,104	86,884	60.7	84,135	79,295	3,444	75,851	4,840	5.8	6.0	56,220

<sup>1</sup>Not available.

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

(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>MALE</b>											
1947.....	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953.....	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,380	5,039	38,340	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.....	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.....	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
1970: September.....	67,633	54,133	80.0	51,064	48,922	2,904	46,018	2,142	4.2	4.9	13,500
1971: April.....	68,278	54,218	79.4	51,376	48,734	2,920	45,814	2,642	5.1	5.3	14,060
May.....	68,367	54,390	79.6	51,580	49,127	2,930	46,196	2,453	4.8	5.6	13,977
June.....	68,456	55,920	81.7	53,145	50,173	3,122	47,050	2,972	5.6	5.1	12,536
July.....	68,549	56,730	82.8	53,973	51,066	3,171	47,894	2,908	5.4	5.2	11,820
August.....	68,647	56,307	82.0	53,572	50,905	3,064	47,842	2,667	5.0	5.5	12,340
September.....	68,748	54,609	79.4	51,900	49,476	2,806	46,670	2,424	4.7	5.5	14,138
<b>FEMALE</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	16,618	1,271	15,347	717	4.1	-	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951.....	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952.....	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953.....	56,353	19,429	34.5	19,382	18,750	1,008	17,744	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	19,550	1,184	18,367	998	4.9	-	37,026
1956.....	58,264	21,495	36.9	21,461	20,422	1,244	19,177	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.....	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.....	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
1970: September.....	73,042	31,523	43.2	31,482	29,332	621	28,711	2,150	6.8	6.2	41,519
1971: April.....	73,810	31,562	42.8	31,521	29,469	585	28,885	2,052	6.5	7.3	42,248
May.....	73,918	31,564	42.7	31,524	29,583	668	28,915	1,941	6.2	7.2	42,354
June.....	74,026	31,864	43.0	31,823	29,306	797	28,508	2,518	7.9	6.5	42,162
July.....	74,136	32,078	43.3	32,038	29,616	800	28,816	2,422	7.6	6.9	42,058
August.....	74,240	32,146	43.3	32,106	29,712	700	29,012	2,394	7.5	7.0	42,093
September.....	74,356	32,275	43.4	32,235	29,819	638	29,181	2,416	7.5	6.8	42,082

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

September 1971  
(In thousands)

Sex, age, and color	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>MALE</b>											
16 years and over .....	54,609	79.4	51,900	49,476	2,424	4.7	14,138	243	4,438	1,667	7,789
16 to 21 years .....	6,999	61.7	5,970	5,138	832	13.9	4,351	20	3,843	42	446
16 to 19 years .....	4,166	53.5	3,835	3,240	595	15.5	3,616	12	3,256	26	322
16 and 17 years .....	1,695	42.5	1,667	1,371	296	17.7	2,294	2	2,211	6	75
18 and 19 years .....	2,471	65.1	2,168	1,869	299	13.8	1,322	10	1,045	20	247
20 to 64 years .....	48,302	91.6	45,924	44,152	1,772	3.9	4,450	100	1,178	1,115	2,058
20 to 24 years .....	7,612	85.2	6,252	5,663	590	9.4	1,324	13	966	47	298
25 to 54 years .....	33,563	95.6	32,548	31,542	1,005	3.1	1,532	50	207	568	706
25 to 29 years .....	6,737	95.2	6,379	6,089	289	4.5	339	11	146	39	79
30 to 34 years .....	5,642	97.6	5,393	5,226	167	3.1	139	6	25	30	143
35 to 39 years .....	5,209	97.1	4,971	4,834	136	2.7	156	14	13	56	73
40 to 44 years .....	5,452	96.3	5,342	5,205	138	2.6	209	3	13	101	92
45 to 49 years .....	5,551	94.9	5,510	5,375	135	2.4	297	7	7	146	138
50 to 54 years .....	4,972	92.7	4,953	4,813	140	2.8	391	11	3	195	182
55 to 64 years .....	7,127	81.7	7,124	6,948	176	2.5	1,595	36	5	500	1,054
55 to 59 years .....	4,214	88.3	4,211	4,116	96	2.3	556	12	5	231	309
60 to 64 years .....	2,913	73.7	2,912	2,832	80	2.8	1,039	25	--	269	746
65 years and over .....	2,141	26.1	2,141	2,084	57	2.7	6,072	131	5	526	5,410
65 to 69 years .....	1,245	39.8	1,245	1,204	40	3.2	1,881	32	--	149	1,699
70 years and over .....	897	17.6	897	879	17	1.9	4,191	99	5	377	3,711
<b>White</b>											
16 years and over .....	49,099	79.9	46,695	44,719	1,976	4.2	12,321	201	3,696	1,350	7,073
16 to 21 years .....	6,228	63.3	5,316	4,654	662	12.5	3,607	18	3,175	39	375
16 to 19 years .....	3,746	55.6	3,452	2,961	492	14.2	2,990	9	2,685	23	273
16 and 17 years .....	1,572	45.7	1,546	1,295	251	16.2	1,871	1	1,810	4	56
18 and 19 years .....	2,174	66.0	1,906	1,665	241	12.6	1,119	8	875	19	217
20 to 64 years .....	43,381	92.0	41,271	39,842	1,430	3.5	3,788	78	1,006	908	1,796
20 to 24 years .....	6,685	85.4	5,468	5,015	453	8.3	1,142	13	830	44	256
25 to 54 years .....	30,182	96.1	29,293	28,468	825	2.8	1,215	34	172	442	567
25 to 34 years .....	11,024	96.6	10,492	10,132	360	3.4	384	15	144	49	175
35 to 44 years .....	9,575	97.2	9,273	9,039	234	2.5	277	11	18	123	125
45 to 54 years .....	9,582	94.5	9,528	9,297	231	2.4	554	8	10	269	267
55 to 64 years .....	6,514	82.0	6,510	6,359	151	2.3	1,430	31	5	422	973
55 to 59 years .....	3,841	88.6	3,838	3,757	81	2.1	495	11	5	202	277
60 to 64 years .....	2,672	74.1	2,672	2,602	70	2.6	935	20	--	220	696
65 years and over .....	1,972	26.2	1,972	1,917	55	2.8	5,543	115	5	419	5,004
<b>Negro and other races</b>											
16 years and over .....	5,511	75.2	5,205	4,757	447	8.6	1,818	42	742	317	716
16 to 21 years .....	771	50.9	653	484	170	26.0	744	2	668	3	71
16 to 19 years .....	420	40.2	383	280	104	27.0	626	4	571	3	49
16 and 17 years .....	123	22.6	121	76	45	37.3	422	1	401	2	18
18 and 19 years .....	297	59.3	262	204	59	22.3	203	3	170	1	30
20 to 64 years .....	4,922	88.1	4,653	4,311	342	7.4	664	22	172	208	262
20 to 24 years .....	927	83.6	785	648	137	17.4	182	1	136	3	42
25 to 54 years .....	3,381	91.5	3,255	3,074	181	5.6	317	17	35	126	139
25 to 34 years .....	1,355	93.5	1,280	1,183	96	7.5	95	2	27	20	46
35 to 44 years .....	1,086	92.5	1,040	1,000	40	3.8	88	5	8	35	40
45 to 54 years .....	940	87.5	935	891	45	4.8	134	10	--	72	53
55 to 64 years .....	613	78.8	613	589	25	4.0	165	5	--	78	82
55 to 59 years .....	373	85.9	373	359	14	3.9	61	--	--	29	32
60 to 64 years .....	240	69.9	240	230	10	4.2	104	5	--	49	50
65 years and over .....	169	24.2	169	167	2	1.2	528	16	--	107	405

A- 3: Employment status of the noninstitutional population by sex, age, and color--Continued  
September 1971  
(In thousands)

Sex, age, and color	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>FEMALE</b>											
16 years and over .....	32,275	43.4	32,235	29,819	2,416	7.5	42,082	35,274	4,115	895	1,798
16 to 21 years .....	5,273	47.3	5,254	4,402	852	16.2	5,876	1,715	3,797	15	349
16 to 19 years .....	3,167	41.5	3,158	2,563	595	18.8	4,459	855	3,359	10	235
16 and 17 years .....	1,249	32.0	1,249	1,014	235	18.8	2,650	235	2,333	3	78
18 and 19 years .....	1,918	51.4	1,909	1,548	360	18.9	1,810	620	1,026	6	157
20 to 64 years .....	28,061	50.5	28,030	26,250	1,780	6.4	27,458	25,533	751	314	862
20 to 24 years .....	5,190	58.5	5,170	4,659	512	9.9	3,680	2,864	596	19	201
25 to 54 years .....	18,657	50.7	18,645	17,523	1,122	6.0	18,135	17,380	148	168	440
25 to 29 years .....	3,374	47.0	3,369	3,085	284	8.4	3,800	3,654	55	18	73
30 to 34 years .....	2,691	45.1	2,689	2,492	197	7.3	3,272	3,138	33	16	86
35 to 39 years .....	2,793	50.2	2,791	2,610	181	6.5	2,772	2,657	28	31	56
40 to 44 years .....	3,154	52.9	3,152	2,993	159	5.0	2,806	2,704	10	36	57
45 to 49 years .....	3,500	55.7	3,499	3,311	188	5.4	2,784	2,658	15	28	83
50 to 54 years .....	3,145	53.8	3,144	3,032	112	3.6	2,701	2,569	8	39	85
55 to 64 years .....	4,214	42.7	4,214	4,067	147	3.5	5,643	5,289	6	126	222
55 to 59 years .....	2,579	48.8	2,579	2,489	90	3.5	2,710	2,545	5	63	96
60 to 64 years .....	1,635	35.8	1,635	1,578	57	3.5	2,934	2,744	1	63	125
65 years and over .....	1,047	9.3	1,047	1,006	41	3.9	10,164	8,886	5	571	701
65 to 69 years .....	627	16.5	627	596	31	5.0	3,177	2,923	2	77	175
70 years and over .....	420	5.7	420	410	9	2.2	6,987	5,962	4	494	526
<b>White</b>											
16 years and over .....	28,121	42.6	28,085	26,149	1,936	6.9	37,834	32,157	3,423	701	1,553
16 to 21 years .....	4,697	49.0	4,681	4,005	676	14.4	4,883	1,435	3,165	11	272
16 to 19 years .....	2,856	43.6	2,849	2,370	479	16.8	3,693	709	2,797	9	178
16 and 17 years .....	1,149	34.4	1,149	946	203	17.7	2,192	194	1,946	3	48
18 and 19 years .....	1,708	53.2	1,700	1,424	276	16.2	1,501	515	852	5	130
20 to 64 years .....	24,328	49.6	24,300	22,879	1,422	5.9	24,751	23,161	621	234	736
20 to 24 years .....	4,527	58.8	4,510	4,115	395	8.8	3,167	2,498	493	17	159
25 to 54 years .....	16,047	49.5	16,037	15,146	890	5.5	16,396	15,783	123	123	367
25 to 34 years .....	5,081	44.2	5,075	4,720	355	7.0	6,411	6,180	71	30	131
35 to 44 years .....	5,082	50.3	5,079	4,811	268	5.3	5,017	4,838	35	48	96
45 to 54 years .....	5,885	54.2	5,883	5,615	268	4.6	4,968	4,765	17	45	141
55 to 64 years .....	3,754	42.0	3,754	3,618	136	3.6	5,188	4,879	5	94	210
55 to 59 years .....	2,293	48.0	2,293	2,212	81	3.5	2,484	2,337	5	49	92
60 to 64 years .....	1,461	35.1	1,461	1,406	55	3.8	2,704	2,543	--	44	118
65 years and over .....	937	9.1	937	901	35	3.8	9,390	8,287	5	459	639
<b>Negro and other races</b>											
16 years and over .....	4,154	49.4	4,149	3,669	480	11.6	4,248	3,117	691	193	245
16 to 21 years .....	576	36.7	573	397	176	30.6	993	280	632	4	77
16 to 19 years .....	310	28.8	309	193	116	37.5	766	146	562	1	57
16 and 17 years .....	100	18.0	100	69	32	31.6	458	41	387	--	30
18 and 19 years .....	210	40.5	209	125	84	40.3	308	106	175	1	27
20 to 64 years .....	3,732	57.9	3,729	3,371	358	9.6	2,707	2,372	129	80	125
20 to 24 years .....	663	56.4	661	544	116	17.6	513	366	103	2	41
25 to 54 years .....	2,610	60.0	2,609	2,378	232	8.9	1,740	1,596	25	45	72
25 to 34 years .....	984	59.8	984	857	127	12.9	661	612	17	4	28
35 to 44 years .....	865	60.6	865	793	72	8.4	562	523	3	19	17
45 to 54 years .....	760	59.5	760	728	32	4.2	517	462	6	22	27
55 to 64 years .....	460	50.2	460	449	11	2.4	456	410	1	33	12
55 to 59 years .....	286	55.8	286	276	9	3.3	226	209	--	14	4
60 to 64 years .....	174	43.2	174	173	2	.9	229	201	1	19	8
65 years and over .....	111	12.5	111	105	6	5.1	774	599	--	112	63

## A - 4: Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>MALE</b>								
16 years and over .....	54,609	54,133	79.4	80.0	51,900	51,064	78.6	79.1
16 to 19 years .....	4,166	4,112	53.5	54.3	3,835	3,740	51.5	51.9
16 and 17 years .....	1,695	1,680	42.5	43.1	1,667	1,649	42.1	42.6
18 and 19 years .....	2,471	2,432	65.1	66.1	2,168	2,092	62.1	62.7
20 to 24 years .....	7,612	7,471	85.2	86.9	6,252	5,859	82.5	83.9
25 to 54 years .....	33,563	33,293	95.6	95.8	32,548	32,212	95.5	95.7
25 to 34 years .....	12,379	12,045	96.3	96.6	11,771	11,391	96.1	96.5
35 to 44 years .....	10,661	10,764	96.7	96.7	10,313	10,403	96.6	96.6
45 to 54 years .....	10,522	10,485	93.9	94.1	10,463	10,418	93.8	94.1
55 to 64 years .....	7,127	7,109	81.7	82.5	7,124	7,105	81.7	82.5
55 to 59 years .....	4,214	4,221	88.3	89.3	4,211	4,218	88.3	89.3
60 to 64 years .....	2,913	2,887	73.7	74.3	2,912	2,887	73.7	74.3
65 years and over .....	2,141	2,148	26.1	26.5	2,141	2,148	26.1	26.5
<b>White</b>								
16 years and over .....	49,099	48,641	79.9	80.4	46,695	45,908	79.1	79.5
16 to 19 years .....	3,746	3,679	55.6	56.0	3,452	3,347	53.6	53.7
16 and 17 years .....	1,572	1,532	45.7	45.4	1,546	1,504	45.2	45.0
18 and 19 years .....	2,174	2,146	66.0	67.2	1,906	1,843	63.0	63.8
20 to 24 years .....	6,685	6,566	85.4	86.9	5,468	5,121	82.7	83.8
25 to 54 years .....	30,182	29,939	96.1	96.3	29,293	28,987	96.0	96.1
25 to 34 years .....	11,024	10,732	96.6	97.0	10,492	10,159	96.5	96.8
35 to 44 years .....	9,575	9,673	97.2	97.1	9,273	9,357	97.1	97.0
45 to 54 years .....	9,582	9,533	94.5	94.6	9,528	9,471	94.5	94.6
55 to 64 years .....	6,514	6,483	82.0	82.7	6,510	6,479	82.0	82.7
55 to 59 years .....	3,841	3,854	88.6	89.7	3,838	3,851	88.6	89.7
60 to 64 years .....	2,672	2,628	74.1	74.1	2,672	2,628	74.1	74.1
65 years and over .....	1,972	1,974	26.2	26.6	1,972	1,974	26.2	26.6
<b>Negro and other races</b>								
16 years and over .....	5,511	5,493	75.2	76.9	5,205	5,157	74.1	75.8
16 to 19 years .....	420	433	40.2	42.9	383	394	38.0	40.6
16 and 17 years .....	123	147	22.6	28.0	121	145	22.2	27.6
18 and 19 years .....	297	286	59.3	59.1	262	249	56.3	55.8
20 to 24 years .....	927	905	83.6	86.8	785	738	81.2	84.3
25 to 54 years .....	3,381	3,355	91.5	92.4	3,255	3,225	91.1	92.1
25 to 34 years .....	1,355	1,312	93.5	94.0	1,280	1,232	93.1	93.6
35 to 44 years .....	1,086	1,091	92.5	93.0	1,040	1,046	92.2	92.7
45 to 54 years .....	940	952	87.5	89.6	935	947	87.5	89.5
55 to 64 years .....	613	626	78.8	81.2	613	626	78.8	81.2
55 to 59 years .....	373	367	85.9	84.7	373	367	85.9	84.7
60 to 64 years .....	240	259	69.9	76.6	240	259	69.9	76.6
65 years and over .....	169	174	24.2	25.3	169	174	24.2	25.3



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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>FEMALE</b>								
16 years and over .....	32,275	31,523	43.4	43.2	32,235	31,482	43.4	43.1
16 to 19 years .....	3,167	3,182	41.5	42.9	3,158	3,173	41.5	42.8
16 and 17 years .....	1,249	1,268	32.0	33.2	1,249	1,267	32.0	33.2
18 and 19 years .....	1,918	1,914	51.4	53.0	1,909	1,905	51.3	52.9
20 to 24 years .....	5,190	4,929	58.5	57.7	5,170	4,911	58.4	57.6
25 to 54 years .....	18,657	18,192	50.7	49.9	18,645	18,180	50.7	49.9
25 to 34 years .....	6,065	5,630	46.2	44.2	6,059	5,624	46.1	44.2
35 to 44 years .....	5,947	5,962	51.6	51.2	5,944	5,958	51.6	51.1
45 to 54 years .....	6,645	6,600	54.8	54.9	6,643	6,598	54.8	54.8
55 to 64 years .....	4,214	4,162	42.7	43.0	4,214	4,162	42.7	43.0
55 to 59 years .....	2,579	2,554	48.8	49.0	2,579	2,554	48.8	49.0
60 to 64 years .....	1,635	1,607	35.8	36.0	1,635	1,607	35.8	36.0
65 years and over .....	1,047	1,059	9.3	9.7	1,047	1,058	9.3	9.7
<b>White</b>								
16 years and over .....	28,121	27,532	42.6	42.4	28,085	27,496	42.6	42.4
16 to 19 years .....	2,856	2,869	43.6	44.9	2,849	2,861	43.5	44.9
16 and 17 years .....	1,149	1,171	34.4	35.7	1,149	1,171	34.4	35.7
18 and 19 years .....	1,708	1,698	53.2	54.6	1,700	1,690	53.1	54.5
20 to 24 years .....	4,527	4,298	58.8	57.8	4,510	4,281	58.7	57.7
25 to 54 years .....	16,047	15,677	49.5	48.7	16,037	15,666	49.4	48.7
25 to 34 years .....	5,081	4,728	44.2	42.4	5,075	4,722	44.2	42.4
35 to 44 years .....	5,082	5,108	50.3	50.0	5,079	5,105	50.3	49.9
45 to 54 years .....	5,885	5,841	54.2	54.2	5,883	5,839	54.2	54.2
55 to 64 years .....	3,754	3,731	42.0	42.4	3,754	3,731	42.0	42.4
55 to 59 years .....	2,293	2,283	48.0	48.4	2,293	2,282	48.0	48.4
60 to 64 years .....	1,461	1,448	35.1	35.5	1,461	1,448	35.1	35.5
65 years and over .....	937	958	9.1	9.5	937	958	9.1	9.5
<b>Negro and other races</b>								
16 years and over .....	4,154	3,991	49.4	48.8	4,149	3,987	49.4	48.8
16 to 19 years .....	310	313	28.8	30.1	309	312	28.7	30.0
16 and 17 years .....	100	97	18.0	18.0	100	97	18.0	18.0
18 and 19 years .....	210	216	40.5	43.2	209	215	40.4	43.1
20 to 24 years .....	663	631	56.4	57.0	661	629	56.3	56.9
25 to 54 years .....	2,610	2,515	60.0	58.9	2,609	2,514	60.0	58.9
25 to 34 years .....	984	902	59.8	56.8	984	902	59.8	56.8
35 to 44 years .....	865	854	60.6	59.8	865	854	60.6	59.8
45 to 54 years .....	760	759	59.5	60.6	760	758	59.5	60.6
55 to 64 years .....	460	431	50.2	48.2	460	431	50.2	48.2
55 to 59 years .....	286	272	55.8	54.0	286	272	55.8	54.0
60 to 64 years .....	174	159	43.2	40.7	174	159	43.2	40.7
65 years and over .....	111	101	12.5	11.7	111	101	12.5	11.7

**A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex**  
September 1971  
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	22,499	11,350	11,149	19,415	9,835	9,580	3,084	1,515	1,569
Total labor force	12,272	6,999	5,273	10,926	6,228	4,697	1,347	771	576
Percent of population	54.5	61.7	47.3	56.3	63.3	49.0	43.7	50.9	36.7
Civilian labor force	11,224	5,970	5,254	9,997	5,316	4,681	1,227	653	573
Employed	9,540	5,138	4,402	8,659	4,654	4,005	881	484	397
Agriculture	476	410	66	448	384	64	28	26	1
Nonagricultural industries	9,065	4,728	4,337	8,211	4,271	3,940	853	457	396
Unemployed	1,684	832	852	1,338	662	676	345	170	176
Percent of labor force	15.0	13.9	16.2	13.4	12.5	14.4	28.2	26.0	30.6
Looking for full-time work	939	449	490	710	329	380	229	120	109
Looking for part-time work	744	383	362	629	333	296	116	50	66
Not in labor force	10,227	4,351	5,876	8,490	3,607	4,883	1,737	744	993
Major activity: going to school									
Civilian labor force	2,936	1,691	1,245	2,692	1,557	1,134	245	134	111
Employed	2,276	1,329	947	2,134	1,245	889	142	83	58
Agriculture	161	147	14	158	144	14	3	3	--
Nonagricultural industries	2,114	1,181	933	1,976	1,101	875	139	80	58
Unemployed	661	363	298	558	312	246	103	50	53
Percent of labor force	22.5	21.4	23.9	20.7	20.0	21.7	42.1	37.7	47.4
Looking for full-time work	41	17	24	32	13	19	9	4	5
Looking for part-time work	620	346	274	526	299	226	94	46	47
Not in labor force	7,640	3,843	3,797	6,339	3,175	3,165	1,300	668	632
Major activity: other									
Civilian labor force	8,287	4,279	4,009	7,305	3,759	3,546	982	520	462
Employed	7,265	3,809	3,455	6,525	3,409	3,116	740	400	339
Agriculture	314	263	52	290	239	51	25	23	1
Nonagricultural industries	6,950	3,547	3,403	6,235	3,170	3,065	715	377	338
Unemployed	1,023	469	553	781	350	430	242	119	123
Percent of labor force	12.3	11.0	13.8	10.7	9.3	12.1	24.7	23.0	26.6
Looking for full-time work	898	433	465	678	317	361	220	116	104
Looking for part-time work	125	37	88	103	33	69	22	3	19
Not in labor force	2,587	508	2,079	2,150	432	1,718	437	76	361

**A- 6: Employment status of the noninstitutional population 16 years and over by sex, age, and color**  
(In thousands)

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>Total</b>								
Total noninstitutional population	143,104	140,675	60,966	60,057	66,730	65,617	15,408	15,000
Total labor force	86,884	85,655	50,443	50,021	29,108	28,341	7,333	7,294
Percent of population	60.7	60.9	82.7	83.3	43.6	43.2	47.6	48.6
Civilian labor force	84,135	82,546	48,065	47,324	29,077	28,309	6,993	6,913
Employed	79,295	78,254	46,236	45,762	27,256	26,711	5,803	5,781
Agriculture	3,444	3,525	2,484	2,578	592	573	368	374
Nonagricultural industries	75,851	74,729	43,752	43,184	26,664	26,138	5,435	5,407
Unemployed	4,840	4,292	1,829	1,562	1,821	1,598	1,190	1,132
Percent of labor force	5.8	5.2	3.8	3.3	6.3	5.6	17.0	16.4
Not in labor force	56,220	55,019	10,522	10,036	37,622	37,277	8,075	7,706
<b>White</b>								
Total noninstitutional population	127,374	125,362	54,683	53,924	59,406	58,486	13,285	12,952
Total labor force	77,220	76,173	45,353	44,962	25,265	24,663	6,602	6,548
Percent of population	60.6	60.8	82.9	83.4	42.5	42.2	49.7	50.6
Civilian labor force	74,781	73,404	43,243	42,561	25,237	24,635	6,301	6,208
Employed	70,868	69,875	41,759	41,266	23,780	23,299	5,330	5,310
Agriculture	3,156	3,139	2,266	2,297	539	512	352	330
Nonagricultural industries	67,712	66,736	39,493	38,969	23,240	22,787	4,979	4,979
Unemployed	3,912	3,529	1,485	1,295	1,457	1,336	971	898
Percent of labor force	5.2	4.8	3.4	3.0	5.8	5.4	15.4	14.5
Not in labor force	50,155	49,190	9,331	8,963	34,141	33,823	6,683	6,404
<b>Negro and other races</b>								
Total noninstitutional population	15,730	15,312	6,282	6,133	7,325	7,131	2,122	2,048
Total labor force	9,665	9,483	5,091	5,060	3,843	3,678	730	746
Percent of population	61.4	61.9	81.0	82.5	52.5	51.6	34.4	36.4
Civilian labor force	9,354	9,144	4,822	4,763	3,840	3,675	692	706
Employed	8,426	8,381	4,478	4,496	3,476	3,413	473	472
Agriculture	288	386	219	281	53	61	16	44
Nonagricultural industries	8,139	7,994	4,259	4,215	3,423	3,351	457	428
Unemployed	927	763	344	267	364	262	219	234
Percent of labor force	9.9	8.3	7.1	5.6	9.5	7.1	31.7	33.1
Not in labor force	6,065	5,829	1,192	1,073	3,481	3,454	1,392	1,302

**A-7: Full- and part-time status of the civilian labor force by age and sex**  
September 1971

(In thousands)

Age and sex	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>									
16 years and over .....	72,291	66,198	2,444	3,650	5.0	11,843	10,653	1,190	10.0
16 to 21 years .....	7,007	5,499	569	939	13.4	4,217	3,472	744	17.7
16 to 19 years .....	3,504	2,592	343	569	16.2	3,489	2,868	621	17.8
16 and 17 years .....	651	439	72	140	21.5	2,265	1,875	390	17.2
18 and 19 years .....	2,853	2,153	272	428	15.0	1,224	993	231	18.9
20 years and over .....	68,788	63,606	2,100	3,081	4.5	8,354	7,785	569	6.8
20 to 24 years .....	10,025	8,712	399	915	9.1	1,397	1,211	186	13.3
25 years and over .....	58,763	54,894	1,701	2,166	3.7	6,957	6,574	383	5.5
25 to 54 years .....	46,729	43,659	1,251	1,820	3.9	4,464	4,156	307	6.9
55 years and over .....	12,033	11,236	451	345	2.9	2,493	2,418	75	3.0
<b>MALE</b>									
16 years and over .....	47,712	44,505	1,286	1,921	4.0	4,188	3,686	503	12.0
16 to 21 years .....	3,737	2,976	312	449	12.0	2,233	1,850	383	17.1
16 to 19 years .....	1,934	1,490	178	267	13.8	1,901	1,573	328	17.3
20 years and over .....	45,778	43,015	1,108	1,654	3.6	2,287	2,113	174	7.6
20 to 24 years .....	5,649	4,909	239	501	8.9	603	515	88	14.7
25 years and over .....	40,129	38,106	869	1,153	2.9	1,684	1,598	86	5.1
25 to 54 years .....	31,954	30,382	620	954	3.0	594	541	52	8.8
55 years and over .....	8,174	7,725	250	199	2.4	1,090	1,057	34	3.1
<b>FEMALE</b>									
16 years and over .....	24,580	21,694	1,158	1,729	7.0	7,655	6,967	687	9.0
16 to 21 years .....	3,270	2,523	257	490	15.0	1,984	1,622	362	18.2
16 to 19 years .....	1,570	1,102	165	302	19.2	1,588	1,295	293	18.4
20 years and over .....	23,010	20,591	992	1,427	6.2	6,067	5,672	395	6.5
20 to 24 years .....	4,376	3,803	159	414	9.5	794	696	98	12.3
25 years and over .....	18,634	16,788	833	1,013	5.4	5,273	4,976	297	5.6
25 to 54 years .....	14,776	13,277	631	866	5.9	3,870	3,615	255	6.6
55 years and over .....	3,859	3,512	201	146	3.8	1,403	1,361	42	3.0

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

A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>Total, 16 years and over</b> .....	2,424	2,142	4.7	4.2	2,416	2,150	7.5	6.8
16 to 19 years .....	595	580	15.5	15.5	595	552	18.8	17.4
16 and 17 years .....	296	297	17.7	18.0	235	247	18.8	19.5
18 and 19 years .....	299	283	13.8	13.5	360	304	18.9	16.0
20 years and over .....	1,829	1,562	3.8	3.3	1,821	1,598	6.3	5.6
20 to 24 years .....	590	535	9.4	9.1	512	463	9.9	9.4
25 years and over .....	1,239	1,027	3.0	2.5	1,310	1,135	5.5	4.9
25 to 34 years .....	456	328	3.9	2.9	482	400	7.9	7.1
35 to 44 years .....	274	221	2.7	2.1	340	309	5.7	5.2
45 to 54 years .....	275	236	2.6	2.3	300	259	4.5	3.9
55 to 64 years .....	176	185	2.5	2.6	147	133	3.5	3.2
55 to 59 years .....	96	120	2.3	2.8	90	93	3.5	3.6
60 to 64 years .....	80	65	2.8	2.2	57	40	3.5	2.5
65 years and over .....	57	57	2.7	2.7	41	35	3.9	3.3
<b>Household head, 16 years and over</b> .....	1,230	1,046	2.9	2.5	406	312	5.9	4.8
16 to 24 years .....	199	187	5.5	5.4	80	64	9.7	9.5
25 to 54 years .....	810	638	2.7	2.1	246	167	6.3	4.6
55 years and over .....	220	222	2.5	2.5	80	82	3.6	3.8

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>Total, 16 years and over</b> .....	2,424	2,142	4.7	4.2	2,416	2,150	7.5	6.8
Married, spouse present .....	1,027	892	2.6	2.3	1,199	1,126	6.3	6.1
Widowed, divorced, or separated .....	185	186	6.4	6.5	386	347	6.4	6.0
Single (never married) .....	1,212	1,064	12.8	11.5	832	676	11.5	9.6
<b>Total, 20 to 64 years of age</b> .....	1,772	1,505	3.9	3.3	1,780	1,563	6.4	5.7
Married, spouse present .....	965	817	2.6	2.2	1,109	1,046	6.1	5.8
Widowed, divorced, or separated .....	176	176	6.8	6.9	355	306	6.7	5.9
Single (never married) .....	629	512	10.8	9.0	316	210	7.2	5.0
<b>White, 16 years and over</b> .....	1,976	1,758	4.2	3.8	1,936	1,771	6.9	6.4
Married, spouse present .....	862	768	2.4	2.2	1,024	980	6.0	5.9
Widowed, divorced, or separated .....	142	139	6.2	6.0	285	260	6.0	5.6
Single (never married) .....	973	851	11.7	10.6	627	530	10.0	8.5
<b>White, 20 to 64 years of age</b> .....	1,430	1,245	3.5	3.1	1,422	1,304	5.9	5.5
Married, spouse present .....	806	701	2.4	2.1	951	915	5.8	5.7
Widowed, divorced, or separated .....	135	133	6.7	6.6	255	227	6.1	5.6
Single (never married) .....	488	411	9.7	8.5	215	161	5.8	4.4
<b>Negro and other races, 16 years and over</b> .....	447	384	8.6	7.4	480	379	11.6	9.5
Married, spouse present .....	165	123	4.8	3.6	175	146	8.8	7.3
Widowed, divorced, or separated .....	43	48	7.1	8.3	100	87	8.2	7.5
Single (never married) .....	239	213	20.5	18.1	204	146	21.9	17.5
<b>Negro and other races, 20 to 64 years of age</b> .....	342	260	7.4	5.7	358	259	9.6	7.2
Married, spouse present .....	159	116	4.9	3.6	158	131	8.3	6.8
Widowed, divorced, or separated .....	40	44	7.0	8.5	100	78	8.7	7.2
Single (never married) .....	140	100	17.5	12.5	101	49	15.2	8.7

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
Total.....	4,840	4,292	5.8	5.2	4.7	4.2	7.5	6.8
White-collar workers.....	1,484	1,258	3.7	3.2	2.5	2.0	5.1	4.6
Professional and technical.....	371	279	3.2	2.5	2.8	2.0	3.9	3.2
Managers, officials, and proprietors.....	145	130	1.6	1.5	1.5	1.3	2.1	3.0
Clerical workers.....	767	651	5.4	4.6	3.7	3.3	6.0	5.1
Sales workers.....	201	198	3.9	4.0	2.8	2.5	5.3	5.9
Blue-collar workers.....	1,964	1,804	6.7	6.1	5.7	5.3	11.0	9.7
Craftsmen and foremen.....	440	402	4.2	3.8	4.0	3.7	8.2	6.1
Carpenters and other construction craftsmen.....	179	188	5.5	6.2	5.5	6.0	(1)	(1)
All other.....	261	214	3.6	2.8	3.3	2.7	8.1	4.8
Operatives.....	1,074	1,007	7.5	6.8	5.8	5.3	11.0	9.9
Drivers and deliverymen.....	140	106	5.1	4.1	5.2	4.0	3.0	(1)
All other.....	934	901	8.1	7.4	6.1	5.8	11.3	10.0
Nonfarm laborers.....	449	395	10.0	9.6	9.6	9.5	15.0	11.6
Construction laborers.....	120	119	11.8	12.6	11.8	12.4	(1)	(1)
All other.....	329	276	9.4	8.7	9.0	8.6	15.4	10.6
Service workers.....	732	598	6.5	5.8	5.9	4.6	6.9	6.4
Private household.....	72	96	4.9	6.1	--	--	5.1	6.3
All other.....	660	502	6.8	5.7	6.0	4.6	7.4	6.5
Farmers and farm laborers.....	81	115	2.6	3.5	2.3	3.3	4.0	4.6
No previous work experience.....	580	516	--	--	--	--	--	--
16 to 19 years.....	448	391	--	--	--	--	--	--
20 to 24 years.....	79	72	--	--	--	--	--	--
25 years and over.....								

<sup>1</sup> Percent not shown where base is less than 100,000

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

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
Total.....	100.0	100.0	5.8	5.2	4.7	4.2	7.5	6.8
Private wage and salary workers.....	74.5	76.9	5.9	5.5	5.0	4.6	7.4	6.9
Mining.....	.5	.1	4.0	1.0	3.2	.7	(1)	(1)
Construction.....	6.0	8.4	7.0	9.0	7.1	8.9	4.8	10.0
Manufacturing.....	27.1	27.7	6.4	5.6	4.9	4.4	10.0	8.5
Durable goods.....	16.2	16.8	6.5	5.8	5.5	4.8	10.5	9.4
Primary metal industries.....	2.9	1.6	10.8	5.1	11.0	5.0	7.9	5.3
Fabricated metal products.....	2.2	2.2	7.1	5.9	5.2	4.8	14.7	10.3
Machinery.....	1.6	3.0	3.9	5.7	3.0	5.0	8.2	9.1
Electrical equipment.....	2.7	3.1	6.5	6.3	4.4	3.4	9.7	10.7
Motor vehicles and equipment.....	1.2	1.1	4.8	4.0	4.9	3.8	4.0	5.3
All other transportation equipment.....	1.8	1.7	8.4	6.1	7.2	5.4	16.4	11.2
Other durable goods industries.....	3.9	4.1	6.4	6.3	4.7	5.5	11.0	8.8
Nondurable goods.....	11.0	10.9	6.2	5.3	3.9	3.6	9.7	7.8
Food and kindred products.....	2.8	2.1	7.1	4.6	5.0	4.2	12.7	5.6
Textile mill products.....	1.0	1.8	5.2	7.6	2.4	4.5	8.7	11.0
Apparel and other finished textile products.....	2.4	2.5	8.4	7.6	5.8	5.1	9.1	8.3
Other nondurable goods industries.....	4.7	4.5	5.3	4.3	3.5	3.1	9.4	7.2
Transportation and public utilities.....	3.2	3.0	3.4	2.8	3.3	2.6	4.1	3.4
Railroads and railway express.....	.4	.2	2.9	1.0	2.8	1.0	(1)	--
Other transportation.....	1.9	2.0	4.6	4.4	4.6	4.4	4.0	4.9
Communication and other public utilities.....	1.0	.9	2.5	1.9	1.5	1.3	4.1	3.1
Wholesale and retail trade.....	18.4	17.6	6.0	5.6	5.0	4.4	7.5	7.2
Finance, insurance, and real estate.....	3.1	3.1	3.9	3.6	2.4	2.1	5.1	5.0
Service industries.....	16.2	17.1	6.3	5.9	5.9	5.4	6.5	6.3
Professional services.....	6.0	5.5	4.5	3.9	3.4	3.1	5.1	4.3
All other service industries.....	10.2	11.6	8.1	7.9	7.9	7.0	8.4	8.6
Agricultural wage and salary workers.....	2.1	2.6	8.1	8.4	6.8	7.9	13.8	11.8
All other classes of workers.....	11.4	8.3	2.6	1.7	2.0	1.1	3.5	2.7
No previous work experience.....	12.0	12.0	--	--	--	--	--	--

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

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>Unemployment level</b>												
Total unemployed, in thousands . . . . .	4,840	4,292	1,829	1,562	1,821	1,598	1,190	1,132	3,912	3,529	927	763
Lost last job . . . . .	1,919	1,698	1,139	969	610	536	171	193	1,549	1,416	370	282
Left last job . . . . .	714	675	253	235	299	273	162	168	581	569	133	107
Reentered labor force . . . . .	1,627	1,404	394	313	823	711	409	380	1,315	1,145	312	260
Never worked before . . . . .	580	514	43	46	89	78	448	391	467	400	113	113
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
Lost last job . . . . .	39.6	39.6	62.3	62.0	33.5	33.5	14.4	17.0	39.6	40.1	39.9	37.0
Left last job . . . . .	14.8	15.7	13.8	15.0	16.4	17.1	13.6	14.8	14.9	16.1	14.3	14.0
Reentered labor force . . . . .	33.6	32.7	21.5	20.0	45.2	44.5	34.4	33.6	33.6	32.4	33.6	34.1
Never worked before . . . . .	12.0	12.0	2.4	2.9	4.9	4.9	37.6	34.5	11.9	11.3	12.2	14.8
<b>Unemployment rate</b>												
Total unemployment rate . . . . .	5.8	5.2	3.8	3.3	6.3	5.6	17.0	16.4	5.2	4.8	9.9	8.3
Job-loser rate <sup>1</sup> . . . . .	2.3	2.1	2.4	2.0	2.1	1.9	2.4	2.8	2.1	1.9	4.0	3.1
Job-leaver rate <sup>1</sup> . . . . .	.8	.8	.5	.5	1.0	1.0	2.3	2.4	.8	.8	1.4	1.2
Reentrant rate <sup>1</sup> . . . . .	1.9	1.7	.8	.7	2.8	2.5	5.8	5.5	1.8	1.6	3.3	2.8
New entrant rate <sup>1</sup> . . . . .	.7	.6	.1	.1	.3	.3	6.4	5.7	.6	.5	1.2	1.2

<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  
September 1971

(Percent distribution)

Reason, sex, and age	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 . . . . .	4,840	100.0	52.7	26.0	21.3	10.7	10.6
Lost last job . . . . .	1,919	100.0	39.1	28.2	32.7	15.0	17.7
Left last job . . . . .	714	100.0	60.4	24.6	15.0	7.4	7.6
Reentered labor force . . . . .	1,627	100.0	63.0	24.3	12.7	6.9	5.8
Never worked before . . . . .	580	100.0	59.9	24.9	15.2	10.9	4.3
Male, 20 years and over . . . . .	1,829	100.0	42.5	29.6	27.9	13.1	14.9
Lost last job . . . . .	1,139	100.0	37.3	31.0	31.8	14.5	17.2
Left last job . . . . .	253	100.0	51.2	27.8	21.0	9.9	11.1
Reentered labor force . . . . .	394	100.0	48.9	29.4	21.8	10.6	11.1
Never worked before . . . . .	43	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over . . . . .	1,821	100.0	55.6	23.3	21.1	10.0	11.1
Lost last job . . . . .	610	100.0	37.1	22.2	40.7	18.9	21.8
Left last job . . . . .	299	100.0	60.7	27.3	12.0	6.3	5.7
Reentered labor force . . . . .	823	100.0	66.6	22.2	11.2	5.5	5.7
Never worked before . . . . .	89	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years . . . . .	1,190	100.0	64.1	24.6	11.3	8.0	3.4
Lost last job . . . . .	171	100.0	58.1	30.8	11.0	4.7	6.4
Left last job . . . . .	162	100.0	73.6	15.3	11.0	5.5	5.5
Reentered labor force . . . . .	409	100.0	69.2	24.0	6.8	6.1	.7
Never worked before . . . . .	448	100.0	58.0	26.6	15.4	12.1	3.3

<sup>1</sup>Percent not shown where base is less than 100,000.

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
Total .....	4,840	4,292	100.0	100.0	1,637	1,358	100.0	100.0
Less than 5 weeks .....	2,553	2,473	52.7	57.6	707	693	43.2	51.0
5 to 14 weeks .....	1,257	1,163	26.0	27.1	436	384	26.6	28.3
5 to 10 weeks .....	859	801	17.7	18.7	325	295	19.9	21.7
11 to 14 weeks .....	398	362	8.2	8.4	111	89	6.8	6.6
15 weeks and over .....	1,030	655	21.3	15.3	494	282	30.2	20.8
15 to 26 weeks .....	516	400	10.7	9.3	215	156	13.1	11.5
27 weeks and over .....	514	255	10.6	5.9	279	126	17.0	9.3
Average (mean) duration .....	11.1	8.3	--	--	14.8	10.2	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status  
September 1971

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		Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>Total</b> .....	4,840	2,553	1,257	516	514	11.1	52.8	57.6	21.3	15.3
16 to 21 years .....	1,684	1,067	435	125	57	7.1	63.4	64.9	10.8	8.2
16 to 19 years .....	1,190	763	292	95	40	7.0	64.1	67.2	11.3	8.5
20 to 24 years .....	1,101	628	306	90	76	9.2	57.0	60.6	15.1	11.1
25 to 44 years .....	1,552	734	429	191	198	11.9	47.3	55.2	25.1	18.0
45 years and over .....	997	428	229	140	200	16.8	42.9	45.7	34.1	24.5
<b>Male</b> .....	2,424	1,148	684	299	292	12.5	47.4	54.5	24.4	16.7
16 to 21 years .....	832	506	221	79	26	7.2	60.8	61.4	12.7	8.2
16 to 19 years .....	595	371	144	60	20	7.2	62.4	65.1	13.5	8.2
20 to 24 years .....	590	310	174	60	46	10.1	52.6	56.1	18.0	13.2
25 to 44 years .....	730	281	235	106	109	14.0	38.5	48.8	29.5	21.3
45 years and over .....	509	186	132	73	118	19.1	36.5	46.6	37.5	25.7
<b>Female</b> .....	2,416	1,405	572	217	222	9.7	58.2	60.7	18.2	13.8
16 to 21 years .....	852	561	214	46	30	7.0	65.9	68.8	9.0	8.2
16 to 19 years .....	595	392	149	35	20	6.9	65.8	69.5	9.2	8.9
20 to 24 years .....	512	318	133	30	31	8.1	62.2	65.7	11.9	8.6
25 to 44 years .....	822	453	194	85	90	10.0	55.1	60.2	21.2	15.4
45 years and over .....	488	242	97	67	82	14.4	49.6	44.6	30.6	23.1
<b>White: Total</b> .....	3,912	2,082	1,014	417	399	10.9	53.2	58.6	20.9	15.1
Male .....	1,976	945	551	248	232	12.3	47.8	56.0	24.3	16.5
Female .....	1,936	1,137	463	170	166	9.4	58.7	61.2	17.4	13.7
<b>Negro and other races: Total</b> .....	927	471	243	99	115	11.9	50.8	53.0	23.0	16.2
Male .....	447	203	133	52	59	13.0	45.4	47.8	24.8	17.9
Female .....	480	268	110	47	56	11.0	55.8	58.3	21.4	14.5
<b>Male: Married, wife present</b> .....	1,027	418	281	153	174	15.5	40.7	50.5	31.9	20.8
Widowed, divorced, or separated .....	185	67	69	22	27	3.3	36.4	51.4	26.3	23.0
Single (never married) .....	1,212	663	334	124	91	9.6	54.7	58.5	17.8	12.2
<b>Female: Married, husband present</b> .....	1,199	709	265	110	115	9.4	59.1	61.7	18.8	13.9
Widowed, divorced, or separated .....	386	186	97	46	56	2.6	48.3	49.5	26.5	19.2
Single (never married) .....	832	510	210	60	51	8.8	61.3	64.8	13.4	10.9

**A-16: Unemployed persons by duration, occupation, and industry of last job**  
September 1971

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		Sept.	Sept.	Sept.	Sept.
							1971	1970	1971	1970
<b>OCCUPATION</b>										
White-collar workers . . . . .	1,484	786	373	160	165	10.9	52.9	57.8	21.9	16.4
Professional and managerial . . . . .	516	239	131	63	84	13.7	46.3	53.1	28.3	17.8
Clerical workers . . . . .	767	432	192	72	17	9.5	56.3	59.5	18.6	17.0
Sales workers . . . . .	201	114	50	25	11	8.7	57.1	61.8	17.9	11.7
Blue-collar workers . . . . .	1,964	922	551	230	261	13.0	47.0	54.5	25.0	16.1
Craftsmen and foremen . . . . .	440	204	119	63	54	12.2	46.3	60.4	26.6	15.5
Operatives . . . . .	1,074	470	293	133	179	15.0	43.7	51.2	29.0	16.8
Nonfarm laborers . . . . .	449	248	138	35	28	9.2	55.3	56.8	13.9	15.1
Service workers . . . . .	732	442	173	58	59	9.2	60.4	61.1	16.0	13.7
<b>INDUSTRY<sup>1</sup></b>										
Agriculture . . . . .	104	73	20	5	6	5.5	70.4	67.6	10.0	9.0
Construction . . . . .	321	186	84	22	29	9.7	57.8	61.9	15.9	14.8
Manufacturing . . . . .	1,318	572	351	186	209	14.3	43.4	50.6	30.0	18.0
Durable goods . . . . .	788	302	219	128	139	15.8	38.3	47.5	33.9	19.6
Nondurable goods . . . . .	530	270	132	58	70	12.1	51.0	55.4	24.1	15.6
Transportation and public utilities . . . . .	166	58	65	23	21	14.1	34.9	57.4	26.2	10.7
Wholesale and retail trade . . . . .	891	483	236	89	83	10.1	54.2	59.4	19.3	13.9
Finance and service industries . . . . .	1,203	682	306	103	110	9.6	56.7	59.5	17.7	16.2
Public administration . . . . .	144	84	28	14	18	10.6	58.3	50.5	22.1	14.8
No previous work experience . . . . .	580	347	145	63	25	8.3	59.8	62.3	15.2	12.4

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

<sup>2</sup>Percent not shown where base is less than 100,000.

**A-17: Employed persons by sex and age**  
(In thousands)

Age and type of industry	Total		Male		Female	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
	<b>All industries . . . . .</b>	<b>79,295</b>	<b>78,254</b>	<b>49,476</b>	<b>48,922</b>	<b>29,819</b>
16 to 19 years . . . . .	5,803	5,781	3,240	3,160	2,563	2,621
16 and 17 years . . . . .	2,386	2,372	1,371	1,352	1,014	1,020
18 and 19 years . . . . .	3,417	3,410	1,869	1,809	1,548	1,601
20 to 24 years . . . . .	10,321	9,772	5,663	5,324	4,659	4,448
25 to 34 years . . . . .	49,065	48,639	31,542	31,427	17,524	17,212
35 to 44 years . . . . .	16,892	16,287	11,315	11,063	5,577	5,224
45 to 54 years . . . . .	15,642	15,831	10,039	10,182	5,604	5,649
55 to 64 years . . . . .	16,531	16,521	10,188	10,182	6,343	6,339
65 years and over . . . . .	11,015	10,949	6,948	6,920	4,067	4,029
55 to 59 years . . . . .	6,604	6,559	4,116	4,098	2,489	2,461
60 to 64 years . . . . .	4,410	4,389	2,832	2,822	1,578	1,567
65 years and over . . . . .	3,090	3,114	2,084	2,091	1,006	1,023
<b>Nonagricultural industries . . . . .</b>	<b>75,851</b>	<b>74,729</b>	<b>46,670</b>	<b>46,018</b>	<b>29,181</b>	<b>28,711</b>
16 to 19 years . . . . .	5,435	5,407	2,918	2,834	2,517	2,573
16 and 17 years . . . . .	2,178	2,159	1,184	1,165	994	994
18 and 19 years . . . . .	3,257	3,249	1,734	1,669	1,523	1,580
20 to 24 years . . . . .	10,054	9,518	5,447	5,111	4,607	4,407
25 to 34 years . . . . .	47,368	46,907	30,245	30,058	17,122	16,850
35 to 44 years . . . . .	16,437	15,803	10,943	10,681	5,493	5,123
45 to 54 years . . . . .	15,078	15,253	9,634	9,732	5,444	5,521
55 to 64 years . . . . .	15,853	15,851	9,668	9,645	6,185	6,206
65 years and over . . . . .	10,360	10,269	6,388	6,352	3,972	3,917
55 to 59 years . . . . .	6,246	6,216	3,814	3,821	2,431	2,396
60 to 64 years . . . . .	4,114	4,052	2,573	2,531	1,540	1,522
65 years and over . . . . .	2,634	2,629	1,672	1,664	962	965
<b>Agriculture . . . . .</b>	<b>3,444</b>	<b>3,525</b>	<b>2,806</b>	<b>2,904</b>	<b>638</b>	<b>621</b>
16 to 19 years . . . . .	368	374	322	326	46	48
16 and 17 years . . . . .	207	214	187	187	20	27
18 and 19 years . . . . .	160	160	135	139	26	21
20 to 24 years . . . . .	267	254	215	213	52	41
25 to 34 years . . . . .	1,698	1,732	1,297	1,369	401	362
35 to 44 years . . . . .	456	483	372	382	84	101
45 to 54 years . . . . .	564	578	405	450	159	128
55 to 64 years . . . . .	678	671	520	537	158	133
65 years and over . . . . .	655	680	560	568	95	112
55 to 59 years . . . . .	359	343	301	277	57	66
60 to 64 years . . . . .	297	337	259	291	38	46
65 years and over . . . . .	456	486	412	427	44	59



A-18: Employed persons by occupation group, sex, and age

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>Total</b> .....	79,295	78,254	46,236	45,762	27,256	26,711	3,240	3,160	2,563	2,621
<b>White-collar workers</b> .....	38,367	37,539	19,703	19,367	16,748	16,186	573	549	1,343	1,436
Professional and technical .....	11,121	11,099	6,761	6,842	4,247	4,125	57	60	55	72
Medical and other health .....	1,798	1,765	704	678	1,078	1,063	4	--	12	24
Teachers, except college .....	2,815	2,492	850	809	1,949	1,681	7	--	8	2
Other professional and technical .....	6,508	6,843	5,207	5,355	1,220	1,381	46	60	36	47
Managers, officials, and proprietors .....	8,958	8,287	7,310	6,891	1,601	1,345	31	37	16	13
Salaried workers .....	6,726	6,011	5,523	5,039	1,158	922	29	38	16	11
Self-employed workers in retail trade .....	1,093	1,104	795	831	297	272	1	--	--	1
Self-employed workers, except retail trade .....	1,139	1,172	993	1,021	146	151	1	--	--	--
Clerical workers .....	13,373	13,360	3,049	3,090	9,106	8,990	267	229	952	1,051
Stenographers, typists, and secretaries .....	3,662	3,389	45	52	3,332	3,071	3	4	282	261
Other clerical workers .....	9,711	9,971	3,003	3,038	5,774	5,919	264	224	670	790
Sales workers .....	4,916	4,793	2,583	2,544	1,794	1,725	218	223	320	300
Retail trade .....	2,922	2,850	914	916	1,526	1,475	183	184	299	276
Other sales workers .....	1,994	1,942	1,670	1,628	269	251	35	39	20	24
<b>Blue-collar workers</b> .....	27,431	27,819	20,915	21,261	4,392	4,468	1,836	1,809	288	282
Craftsmen and foremen .....	10,143	10,291	9,545	9,658	354	329	233	286	10	18
Carpenters .....	971	849	927	826	8	2	36	22	--	--
Construction craftsmen, except carpenters .....	2,088	2,014	2,022	1,960	16	10	48	42	1	1
Mechanics and repairmen .....	2,390	2,776	2,289	2,613	15	22	84	133	4	7
Metal craftsmen, except mechanics .....	1,179	1,217	1,148	1,170	13	19	19	27	--	1
Other craftsmen and kindred workers .....	2,214	1,918	1,949	1,694	217	162	43	55	5	8
Foremen, not elsewhere classified .....	1,300	1,516	1,211	1,395	85	114	4	7	--	--
Operatives .....	13,223	13,810	8,382	8,755	3,848	4,029	757	786	236	240
Drivers and deliverymen .....	2,623	2,494	2,402	2,269	108	80	110	137	2	8
Other operatives .....	10,600	11,316	5,980	6,486	3,740	3,949	647	649	234	232
Durable goods manufacturing .....	4,711	4,619	3,187	3,110	1,268	1,281	172	177	85	50
Nondurable goods manufacturing .....	3,616	3,829	1,509	1,579	1,867	2,003	132	117	108	130
Other industries .....	2,274	2,869	1,283	1,797	606	664	343	356	42	52
Nonfarm laborers .....	4,065	3,718	2,988	2,848	189	110	846	737	41	23
Construction .....	897	824	747	724	10	6	140	93	--	--
Manufacturing .....	1,042	1,026	827	828	83	56	127	137	5	4
Other industries .....	2,126	1,868	1,414	1,295	97	48	579	506	36	19
<b>Service workers</b> .....	10,464	9,712	3,402	2,797	5,607	5,553	562	500	893	864
Private household workers .....	1,381	1,465	21	32	1,065	1,162	21	7	274	264
Service workers, except private household .....	9,083	8,247	3,381	2,764	4,542	4,390	541	492	619	600
Protective service workers .....	1,101	989	1,040	906	51	58	12	19	--	5
Waiters, cooks, and bartenders .....	2,301	2,270	438	444	1,416	1,383	141	123	307	319
Other service workers .....	5,680	4,989	1,903	1,414	3,076	2,949	388	350	313	275
<b>Farm workers</b> .....	3,033	3,185	2,217	2,338	509	505	269	303	39	40
Farmers and farm managers .....	1,671	1,753	1,570	1,652	89	86	11	15	1	--
Farm laborers and foremen .....	1,362	1,432	647	686	420	419	258	287	38	39
Paid workers .....	873	948	594	640	113	105	153	189	13	14
Unpaid family workers .....	489	484	52	46	307	315	105	98	24	25

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

## A-19: Employed persons by major occupation group, sex, and color

(Percent distribution)

Occupation group and color	Total		Male		Female	
	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>Total</b>						
Total employed (thousands) .....	79,295	78,254	49,476	48,922	29,819	29,332
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	48.4	48.0	41.0	40.7	60.7	60.1
Professional and technical .....	14.0	14.2	13.8	14.1	14.4	14.3
Managers, officials, and proprietors .....	11.3	10.6	14.8	14.2	5.4	4.6
Clerical workers .....	16.9	17.1	6.7	6.8	33.7	34.2
Sales workers .....	6.2	6.1	5.7	5.7	7.1	6.9
<b>Blue-collar workers</b> .....	34.6	35.5	46.0	47.2	15.7	16.2
Craftsmen and foremen .....	12.8	13.2	19.8	20.3	1.2	1.2
Operatives .....	16.7	17.6	18.5	19.5	13.7	14.6
Nonfarm laborers .....	5.1	4.8	7.7	7.3	.8	.5
<b>Service workers</b> .....	13.2	12.4	8.0	6.7	21.8	21.9
Private household workers .....	1.7	1.9	.1	.1	4.5	4.9
Other service workers .....	11.5	10.5	7.9	6.7	17.3	17.0
<b>Farm workers</b> .....	3.8	4.1	5.0	5.4	1.8	1.9
Farmers and farm managers .....	2.1	2.2	3.2	3.4	.3	.3
Farm laborers and foremen .....	1.7	1.8	1.8	2.0	1.5	1.6
<b>White</b>						
Total employed (thousands) .....	70,868	69,875	44,719	44,150	26,149	25,725
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	50.6	50.4	42.8	42.7	63.8	63.6
Professional and technical .....	14.6	14.8	14.4	14.8	15.0	14.8
Managers, officials, and proprietors .....	12.1	11.4	15.8	15.2	5.8	5.0
Clerical workers .....	17.2	17.6	6.6	6.7	35.4	36.2
Sales workers .....	6.7	6.6	6.1	6.0	7.7	7.6
<b>Blue-collar workers</b> .....	33.9	34.7	44.8	45.9	15.4	15.6
Craftsmen and foremen .....	13.4	13.8	20.5	21.1	1.3	1.2
Operatives .....	16.0	16.8	17.6	18.5	13.3	13.9
Nonfarm laborers .....	4.5	4.2	6.7	6.3	.8	.4
<b>Service workers</b> .....	11.6	10.8	7.3	6.0	18.9	18.9
Private household workers .....	1.1	1.2	.1	.1	2.9	3.1
Other service workers .....	10.4	9.6	7.2	6.0	16.0	15.9
<b>Farm workers</b> .....	3.9	4.1	5.1	5.3	1.9	1.9
Farmers and farm managers .....	2.3	2.4	3.4	3.6	.3	.3
Farm laborers and foremen .....	1.6	1.7	1.7	1.8	1.6	1.6
<b>Negro and other races</b>						
Total employed (thousands) .....	8,426	8,381	4,757	4,773	3,669	3,608
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	29.9	27.6	23.5	21.9	38.2	35.1
Professional and technical .....	8.9	9.1	7.8	8.0	10.3	10.5
Managers, officials, and proprietors .....	4.7	3.4	6.1	4.4	3.0	2.2
Clerical workers .....	14.0	12.9	7.8	7.2	22.1	20.3
Sales workers .....	2.2	2.2	1.8	2.2	2.8	2.2
<b>Blue-collar workers</b> .....	40.1	42.2	57.0	58.8	18.1	20.3
Craftsmen and foremen .....	7.7	8.0	13.0	13.5	.9	.9
Operatives .....	22.1	24.5	26.6	28.7	16.3	19.0
Nonfarm laborers .....	10.2	9.7	17.4	16.7	.9	.5
<b>Service workers</b> .....	27.0	26.0	15.1	13.3	42.4	42.8
Private household workers .....	6.9	7.8	.2	.3	15.5	17.6
Other service workers .....	20.1	18.2	14.9	12.9	26.9	25.2
<b>Farm workers</b> .....	3.0	4.2	4.3	6.0	1.3	1.7
Farmers and farm managers .....	.7	1.1	1.2	1.9	.2	.1
Farm laborers and foremen .....	2.3	3.0	3.2	4.1	1.1	1.6

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

## A-20: Employed persons by class of worker, sex, and age

September 1971

(In thousands)

Age and sex	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</b> .....	70,091	1,622	12,889	55,581	5,269	491	1,179	1,758	507
16 to 19 years .....	5,360	367	428	4,565	47	28	209	29	130
16 and 17 years .....	2,140	283	147	1,710	22	17	102	18	87
18 and 19 years .....	3,220	84	281	2,855	25	12	106	11	43
20 to 24 years .....	9,826	68	1,587	8,171	206	22	172	53	43
25 to 34 years .....	15,568	128	2,840	12,600	793	75	218	184	54
35 to 44 years .....	13,827	191	2,804	10,832	1,136	116	180	274	110
45 to 54 years .....	14,277	279	3,086	10,912	1,427	148	180	406	92
55 to 64 years .....	9,164	348	1,835	6,981	1,122	74	148	453	54
55 to 59 years .....	5,526	186	1,132	4,208	665	55	73	252	33
60 to 64 years .....	3,638	162	703	2,773	456	20	75	200	21
65 years and over .....	2,070	241	309	1,520	538	27	72	360	25
<b>Male</b> .....	42,647	225	7,079	35,342	3,977	46	983	1,665	158
16 to 19 years .....	2,867	88	197	2,583	32	19	189	28	105
16 and 17 years .....	1,161	69	77	1,015	14	9	97	17	73
18 and 19 years .....	1,707	19	120	1,568	18	10	92	10	32
20 to 24 years .....	5,306	10	665	4,631	133	8	142	50	23
25 to 34 years .....	10,357	9	1,617	8,731	580	5	183	180	9
35 to 44 years .....	8,730	16	1,572	7,142	900	4	147	254	4
45 to 54 years .....	8,592	24	1,790	6,779	1,072	4	134	385	1
55 to 64 years .....	5,535	31	1,031	4,474	852	1	126	428	6
55 to 59 years .....	3,302	15	636	2,650	512	--	63	237	--
60 to 64 years .....	2,233	15	395	1,823	339	1	63	191	5
65 years and over .....	1,258	48	207	1,003	408	6	62	341	9
<b>Female</b> .....	27,445	1,397	5,810	20,238	1,292	444	196	93	349
16 to 19 years .....	2,493	278	232	1,983	15	9	20	1	24
16 and 17 years .....	979	213	70	696	8	7	6	1	14
18 and 19 years .....	1,513	65	161	1,287	7	2	14	1	11
20 to 24 years .....	4,520	58	922	3,540	72	15	29	3	19
25 to 34 years .....	5,211	119	1,223	3,869	213	69	35	4	45
35 to 44 years .....	5,096	176	1,231	3,689	236	112	34	20	106
45 to 54 years .....	5,685	255	1,296	4,134	355	144	46	21	91
55 to 64 years .....	3,628	317	804	2,507	270	73	22	24	49
55 to 59 years .....	2,224	170	496	1,557	153	55	10	15	33
60 to 64 years .....	1,404	147	308	950	117	19	12	10	16
65 years and over .....	812	193	102	517	130	21	10	19	15

## A-21: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	Sept. 1971	Sept. 1970	Total		Wage and salary workers <sup>1</sup>			
			Sept. 1971	Sept. 1970	Paid absence <sup>2</sup>		Unpaid absence <sup>2</sup>	
					Sept. 1971	Sept. 1970	Sept. 1971	Sept. 1970
<b>Total</b> .....	4,016	4,695	3,918	4,576	2,052	2,376	1,495	1,741
Vacation .....	2,019	2,709	1,993	2,673	1,517	1,915	339	586
Illness .....	1,235	1,114	1,202	1,079	447	367	646	599
Bad weather .....	42	29	30	16	--	--	--	--
Industrial dispute .....	112	101	112	101	--	--	--	--
All other reasons .....	608	743	581	708	88	93	510	556
<b>Male</b> .....	2,374	2,710	2,280	2,598	1,317	1,516	738	827
Vacation .....	1,217	1,573	1,192	1,543	973	1,223	154	242
Illness .....	744	687	711	652	279	241	359	343
All other reasons .....	413	450	377	403	65	51	225	242
<b>Female</b> .....	1,642	1,985	1,638	1,978	737	858	757	914
Vacation .....	802	1,135	800	1,129	545	691	185	343
Illness .....	492	427	491	426	168	126	287	256
All other reasons .....	348	423	347	423	24	42	285	315

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

## A-22: Persons at work by type of industry and hours of work

September 1971

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
<b>Total at work</b> .....	75,279	71,933	3,346	100.0	100.0	100.0
<b>1-34 hours</b> .....	16,116	15,081	1,034	21.4	21.0	30.9
1-4 hours .....	678	640	38	.9	.9	1.1
5-14 hours .....	3,403	3,162	240	4.5	4.4	7.2
15-29 hours .....	7,882	7,317	565	10.5	10.2	16.9
30-34 hours .....	4,153	3,962	191	5.5	5.5	5.7
<b>35 hours and over</b> .....	59,163	56,852	2,311	78.6	79.0	69.1
35-39 hours .....	5,463	5,307	155	7.3	7.4	4.6
40 hours .....	31,961	31,581	380	42.5	43.9	11.4
41 hours and over .....	21,739	19,964	1,776	28.9	27.8	53.1
41 to 48 hours .....	8,952	8,658	294	11.9	12.0	8.8
49 to 59 hours .....	6,850	6,449	402	9.1	9.0	12.0
60 hours and over .....	5,937	4,857	1,080	7.9	6.8	32.3
Average hours, total at work .....	39.7	39.3	46.2	--	--	--
Average hours, workers on full-time schedules .....	43.7	43.2	55.6	--	--	--

## A-23: Persons at work 1-34 hours by usual status and reason working part-time

September 1971

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total .....	16,116	4,927	11,189	15,081	4,636	10,445
Economic reasons .....	2,444	1,242	1,202	2,220	1,126	1,094
Slack work .....	1,239	883	356	1,093	781	312
Material shortages or repairs to plant and equipment .....	56	56	--	51	51	--
New job started during week .....	207	207	--	201	201	--
Job terminated during week .....	96	96	--	93	93	--
Could find only part-time work .....	846	--	846	782	--	782
Other reasons .....	13,672	3,685	9,987	12,861	3,510	9,351
Does not want, or unavailable for, full-time work .....	7,895	--	7,895	7,436	--	7,436
Vacation .....	539	539	--	530	530	--
Illness .....	1,563	1,315	248	1,491	1,289	202
Bad weather .....	623	623	--	522	522	--
Industrial dispute .....	29	29	--	29	29	--
Legal or religious holiday .....	95	95	--	95	95	--
Full time for this job .....	1,410	--	1,410	1,368	--	1,368
All other reasons .....	1,518	1,084	434	1,390	1,045	345
Average hours:						
Economic reasons .....	21.5	24.0	18.9	21.6	24.1	19.0
Other reasons .....	20.2	25.9	18.1	20.3	26.0	18.1
Worked 30 to 34 hours:						
Economic reasons .....	720	485	235	666	447	219
Other reasons .....	3,433	1,829	1,604	3,296	1,773	1,523

## A-24: Nonagricultural workers by industry and full- or part-time status

September 1971

Industry	Percent distribution							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 to 48 hours	49 hours or more		
Total <sup>1/</sup> .....	100.0	3.1	13.0	83.9	56.2	12.0	15.7	39.3	43.2
Wage and salary workers ..	100.0	3.0	12.7	84.3	58.5	12.1	13.7	38.9	42.6
Construction .....	100.0	4.6	3.8	91.6	68.3	11.9	11.4	39.0	40.8
Manufacturing .....	100.0	3.0	2.8	94.1	66.2	15.2	12.7	41.0	42.2
Durable goods .....	100.0	2.1	1.9	96.0	68.5	14.9	12.6	41.4	42.2
Nondurable goods .....	100.0	4.3	4.1	91.5	63.0	15.7	12.9	40.5	42.3
Transportation and public utilities .....	100.0	2.6	5.6	91.8	62.1	12.6	17.1	41.8	43.7
Wholesale and retail trade .....	100.0	3.4	23.2	73.4	43.4	13.4	16.6	37.5	44.0
Finance, insurance, and real estate .....	100.0	.9	10.2	88.8	67.9	8.5	12.4	39.1	41.5
Service industries .....	100.0	3.4	21.4	75.2	53.0	9.1	13.0	36.4	42.7
Private households .....	100.0	12.2	51.2	36.6	24.6	5.3	6.8	24.5	43.8
All other service .....	100.0	2.6	18.6	78.8	55.7	9.5	13.6	37.5	42.6
Public administration .....	100.0	.8	4.8	94.4	74.4	9.0	11.1	40.7	42.0
Self-employed workers .....	100.0	4.1	15.4	80.5	27.5	11.8	41.2	44.9	51.6
Unpaid family workers .....	100.0	2.2	34.0	63.7	26.9	7.5	29.3	40.8	51.3

<sup>1/</sup> Mining not shown separately but included in totals.

**A-25: Persons at work in nonagricultural industries by full- or part-time status,  
sex, age, color, and marital status  
September 1971**

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
(In thousands)								
<b>TOTAL</b>								
Total, 16 years and over.....	71,933	2,220	9,351	60,362	40,398	19,964	39.3	43.2
16 to 21 years.....	8,804	518	3,180	5,106	3,964	1,142	30.6	40.6
16 to 19 years.....	5,305	313	2,608	2,384	1,872	512	27.0	40.2
16 and 17 years.....	2,139	61	1,689	389	317	72	19.1	38.9
18 and 19 years.....	3,166	251	919	1,996	1,557	439	32.4	40.5
20 years and over.....	66,628	1,907	6,743	57,978	38,526	19,452	40.3	43.4
20 to 24 years.....	9,603	374	1,132	8,097	5,923	2,174	38.1	41.7
25 years and over.....	57,025	1,533	5,611	49,881	32,603	17,278	40.7	43.7
25 to 44 years.....	30,111	780	2,538	26,793	17,259	9,534	41.1	43.7
45 to 64 years.....	24,512	676	2,053	21,783	14,510	7,273	41.0	43.5
65 years and over.....	2,403	77	1,020	1,306	834	472	31.3	44.2
<b>Males, 16 years and over.....</b>	<b>44,390</b>	<b>1,113</b>	<b>3,017</b>	<b>40,260</b>	<b>24,178</b>	<b>16,082</b>	<b>42.2</b>	<b>44.6</b>
16 to 21 years.....	4,598	268	1,631	2,699	1,873	826	31.6	41.6
16 to 19 years.....	2,843	147	1,372	1,324	969	355	28.1	40.8
16 and 17 years.....	1,156	32	907	217	173	44	20.1	39.0
18 and 19 years.....	1,687	115	465	1,107	797	310	33.5	41.2
20 years and over.....	41,547	966	1,645	38,936	23,209	15,727	43.1	44.7
20 to 24 years.....	5,205	221	477	4,507	2,881	1,626	39.9	43.1
25 years and over.....	36,342	745	1,168	34,429	20,328	14,101	43.6	44.9
25 to 44 years.....	19,805	419	315	19,071	10,998	8,073	44.2	45.0
45 to 64 years.....	15,010	285	284	14,441	8,761	5,680	43.8	44.8
65 years and over.....	1,527	39	569	919	569	350	33.1	44.5
<b>Females, 16 years and over.....</b>	<b>27,543</b>	<b>1,107</b>	<b>6,334</b>	<b>20,102</b>	<b>16,220</b>	<b>3,882</b>	<b>34.7</b>	<b>40.6</b>
16 to 21 years.....	4,206	251	1,550	2,405	2,090	315	29.5	39.4
16 to 19 years.....	2,462	164	1,236	1,062	904	158	25.8	39.4
16 and 17 years.....	983	29	783	171	142	29	17.9	38.8
18 and 19 years.....	1,480	136	454	890	761	129	31.0	39.5
20 years and over.....	25,081	942	5,098	19,041	15,316	3,725	35.6	40.7
20 to 24 years.....	4,397	152	655	3,590	3,043	547	36.0	39.8
25 years and over.....	20,684	790	4,443	15,451	12,273	3,178	35.5	40.9
25 to 44 years.....	10,306	361	2,223	7,722	6,262	1,460	35.2	40.4
45 to 64 years.....	9,502	391	1,769	7,342	5,748	1,594	36.5	41.2
65 years and over.....	875	39	451	385	263	122	28.0	43.3
<b>COLOR</b>								
White.....	64,313	1,178	8,509	54,026	35,430	18,596	39.5	43.5
Male.....	40,126	906	2,762	36,458	21,373	15,085	42.4	44.8
Female.....	24,188	872	5,747	17,569	14,058	3,511	34.7	40.7
Negro and other races.....	7,620	442	842	6,336	4,968	1,368	37.5	41.2
Male.....	4,264	207	255	3,802	2,805	997	39.5	42.0
Female.....	3,356	235	587	2,534	2,162	372	35.0	40.0
<b>MARITAL STATUS</b>								
<b>Male:</b>								
Married, wife present.....	34,720	597	1,010	33,113	19,290	13,823	43.8	45.0
Widowed, divorced, or separated.....	2,377	131	185	2,061	1,334	727	40.5	43.7
Single (never married).....	7,293	386	1,821	5,086	3,553	1,533	34.8	42.3
<b>Female:</b>								
Married, husband present.....	16,300	605	3,923	11,772	9,515	2,257	34.8	40.6
Widowed, divorced, or separated.....	5,189	267	824	4,098	3,200	898	36.5	41.1
Single (never married).....	6,054	236	1,587	4,231	3,504	727	33.0	40.3

**A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status--Continued**  
September 1971

Age, sex, color and marital status	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
(Percent distribution)						
<b>TOTAL</b>						
Total, 16 years and over.....	100.0	3.1	13.0	83.9	56.2	27.8
16 to 21 years.....	100.0	5.9	36.1	58.0	45.0	13.0
16 to 19 years.....	100.0	5.9	49.2	44.9	35.3	9.7
16 and 17 years.....	100.0	2.9	79.0	18.2	14.8	3.4
18 and 19 years.....	100.0	7.9	29.0	63.0	49.2	13.9
20 years and over.....	100.0	2.9	10.1	87.0	57.8	29.2
20 to 24 years.....	100.0	3.9	11.8	84.3	61.7	22.6
25 years and over.....	100.0	2.7	9.8	87.5	57.2	30.3
25 to 44 years.....	100.0	2.6	8.4	89.0	57.3	31.7
45 to 64 years.....	100.0	2.8	8.4	88.9	59.2	29.7
65 years and over.....	100.0	3.2	42.4	54.3	34.7	19.6
<b>Males, 16 years and over.....</b>	<b>100.0</b>	<b>2.5</b>	<b>6.8</b>	<b>90.7</b>	<b>54.5</b>	<b>36.2</b>
16 to 21 years.....	100.0	5.8	35.5	58.7	40.7	18.0
16 and 19 years.....	100.0	5.2	48.3	46.6	34.1	12.5
16 and 17 years.....	100.0	2.8	78.5	18.8	15.0	3.8
18 and 19 years.....	100.0	6.8	27.6	65.6	47.2	18.4
20 years and over.....	100.0	2.3	4.0	93.7	55.9	37.9
20 to 24 years.....	100.0	4.2	9.2	86.6	55.4	31.2
25 years and over.....	100.0	2.0	3.2	94.7	55.9	38.8
25 to 44 years.....	100.0	2.1	1.6	96.3	55.5	40.8
45 to 64 years.....	100.0	1.9	1.9	96.2	58.4	37.8
65 years and over.....	100.0	2.6	37.3	60.2	37.3	22.9
<b>Females, 16 years and over.....</b>	<b>100.0</b>	<b>4.0</b>	<b>23.0</b>	<b>73.0</b>	<b>58.9</b>	<b>14.1</b>
16 to 21 years.....	100.0	6.0	36.9	57.2	49.7	7.5
16 to 19 years.....	100.0	6.7	50.2	43.1	36.7	6.4
16 and 17 years.....	100.0	3.0	79.7	17.4	14.4	3.0
18 and 19 years.....	100.0	9.2	30.7	60.1	51.4	8.7
20 years and over.....	100.0	3.8	20.3	75.9	61.1	14.9
20 to 24 years.....	100.0	3.5	14.9	81.6	69.2	12.4
25 years and over.....	100.0	3.8	21.5	74.7	59.3	15.4
25 to 44 years.....	100.0	3.5	21.6	74.9	60.8	14.2
45 to 64 years.....	100.0	4.1	18.6	77.3	60.5	16.8
65 years and over.....	100.0	4.5	51.5	44.0	30.1	13.9
<b>COLOR</b>						
<b>White.....</b>	<b>100.0</b>	<b>2.8</b>	<b>13.2</b>	<b>84.0</b>	<b>55.1</b>	<b>28.9</b>
Male.....	100.0	2.3	6.9	90.9	53.3	37.6
Female.....	100.0	3.6	23.8	72.6	58.1	14.5
<b>Negro and other races.....</b>	<b>100.0</b>	<b>5.8</b>	<b>11.0</b>	<b>83.1</b>	<b>65.2</b>	<b>18.0</b>
Male.....	100.0	4.9	6.0	89.2	65.8	23.4
Female.....	100.0	7.0	17.5	75.5	64.4	11.1
<b>MARITAL STATUS</b>						
<b>Male:</b>						
Married, wife present.....	100.0	1.7	2.9	95.4	55.6	39.8
Widowed, divorced, or separated.....	100.0	5.5	7.8	86.7	56.1	30.6
Single (never married).....	100.0	5.3	25.0	69.7	48.7	21.0
<b>Female:</b>						
Married, husband present.....	100.0	3.7	24.1	72.2	58.4	13.8
Widowed, divorced, or separated.....	100.0	5.1	15.9	79.0	61.7	17.3
Single (never married).....	100.0	3.9	26.2	69.9	57.9	12.0

## A-26: Persons at work in nonfarm occupations by full- or part-time status and sex

September 1971

Occupation group and sex	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		
(Thousands of persons)									
<b>TOTAL</b>									
White-collar workers.....	36,476	550	4,721	31,205	20,205	3,982	7,018	40.4	44.0
Professional and technical.....	10,635	150	1,100	9,385	5,996	1,243	2,146	40.8	43.9
Managers, officials, and proprietors.....	8,577	67	373	8,137	3,467	1,291	3,379	47.4	48.9
Clerical workers.....	12,613	207	2,062	10,344	8,772	952	620	36.4	40.2
Sales workers.....	4,651	126	1,186	3,339	1,971	497	872	37.1	44.2
Blue-collar workers.....	25,930	1,153	1,715	23,062	15,713	3,851	3,497	40.0	42.5
Craftsmen and foremen.....	9,589	275	302	9,012	5,981	1,574	1,457	41.4	42.7
Operatives.....	12,484	607	739	11,138	7,556	1,866	1,717	40.5	42.7
Nonfarm laborers.....	3,858	272	674	2,912	2,178	411	324	34.8	40.7
Service workers.....	9,919	541	2,991	6,387	4,624	867	895	33.7	42.6
Private household.....	1,309	168	658	483	326	72	85	24.7	43.3
Other service workers.....	8,610	374	2,333	5,903	4,297	795	811	35.1	42.5
<b>MALE</b>									
White-collar workers.....	19,372	205	1,129	18,038	9,537	2,727	5,774	44.5	46.4
Professional and technical.....	6,533	80	361	6,092	3,652	827	1,613	43.2	45.0
Managers, officials, and proprietors.....	7,028	47	170	6,811	2,685	1,101	3,026	48.6	49.5
Clerical workers.....	3,126	338	286	2,802	2,040	394	368	39.7	42.2
Sales workers.....	2,686	39	312	2,335	1,161	405	768	42.3	45.8
Blue-collar workers.....	21,542	814	1,261	19,467	12,788	3,350	3,329	40.7	43.0
Craftsmen and foremen.....	9,258	265	245	8,748	5,763	1,536	1,449	41.6	42.8
Operatives.....	8,637	286	393	7,958	4,964	1,424	1,569	42.1	43.9
Nonfarm laborers.....	3,647	262	622	2,763	2,061	391	311	34.9	40.7
Service workers.....	3,779	113	673	2,993	1,960	488	545	38.5	44.1
Private household.....	42	6	22	14	12	--	2	23.0	45.3
Other service workers.....	3,737	107	651	2,979	1,947	488	543	38.7	44.1
<b>FEMALE</b>									
White-collar workers.....	17,103	345	3,591	13,167	10,668	1,255	1,244	35.7	40.7
Professional and technical.....	4,102	70	739	3,293	2,343	416	534	36.9	41.8
Managers, officials, and proprietors.....	1,549	20	203	1,326	784	189	353	42.0	45.7
Clerical workers.....	9,487	169	1,776	7,542	6,732	558	252	35.4	39.4
Sales workers.....	1,965	86	874	1,005	809	92	104	29.9	40.6
Blue-collar workers.....	4,388	340	454	3,594	2,925	501	168	36.4	39.7
Craftsmen and foremen.....	331	10	57	264	217	39	8	35.1	38.9
Operatives.....	3,847	321	345	3,181	2,590	442	149	36.7	39.8
Nonfarm laborers.....	211	10	52	149	117	20	13	33.3	39.6
Service workers.....	6,140	428	2,318	3,394	2,663	379	352	30.8	41.2
Private household.....	1,267	162	636	469	314	72	83	24.7	43.3
Other service workers.....	4,873	266	1,682	2,925	2,349	307	269	32.4	40.9



## A-26: Persons at work in nonfarm occupations by full- or part-time status and sex--Continued

September 1971							
Occupation group and sex	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
(Percent distribution)							
<b>TOTAL</b>							
White-collar workers .....	100.0	1.5	12.9	85.5	55.4	10.9	19.2
Professional and technical .....	100.0	1.4	10.3	88.2	56.4	11.7	20.2
Managers, officials, and proprietors .....	100.0	.8	4.3	94.9	40.4	15.1	39.4
Clerical workers .....	100.0	1.6	16.3	82.0	69.5	7.5	4.9
Sales workers .....	100.0	2.7	25.5	71.8	42.4	10.7	18.7
Blue-collar workers .....	100.0	4.4	6.6	88.9	60.6	14.9	13.5
Craftsmen and foremen .....	100.0	2.9	3.1	94.0	62.4	16.4	15.2
Operatives .....	100.0	4.9	5.9	89.2	60.5	14.9	13.8
Nonfarm laborers .....	100.0	7.1	17.5	75.5	56.5	10.7	8.4
Service workers .....	100.0	5.5	30.2	64.4	46.6	8.7	9.0
Private household .....	100.0	12.8	50.3	36.9	24.9	5.5	6.5
Other service workers .....	100.0	4.3	27.1	68.6	49.9	9.2	9.4
<b>MALE</b>							
White-collar workers .....	100.0	1.1	5.8	93.1	49.2	14.1	29.8
Professional and technical .....	100.0	1.2	5.5	93.2	55.9	12.7	24.7
Managers, officials, and proprietors .....	100.0	.7	2.4	96.9	38.2	15.7	43.1
Clerical workers .....	100.0	1.2	9.1	89.6	65.3	12.6	11.8
Sales workers .....	100.0	1.5	11.6	86.9	43.2	15.1	28.6
Blue-collar workers .....	100.0	3.8	5.9	90.4	59.4	15.6	15.5
Craftsmen and foremen .....	100.0	2.9	2.6	94.5	62.2	16.6	15.7
Operatives .....	100.0	3.3	4.6	92.1	57.5	16.5	18.2
Nonfarm laborers .....	100.0	7.2	17.1	75.8	56.5	10.7	8.5
Service workers .....	100.0	3.0	17.8	79.2	51.9	12.9	14.4
Private household .....	100.0	14.3	52.4	33.3	28.6	--	4.8
Other service workers .....	100.0	2.9	17.4	79.7	52.1	13.1	14.5
<b>FEMALE</b>							
White-collar workers .....	100.0	2.0	21.0	77.0	62.4	7.3	7.3
Professional and technical .....	100.0	1.7	18.0	80.3	57.1	10.1	13.0
Managers, officials, and proprietors .....	100.0	1.3	13.1	85.6	50.6	12.2	22.8
Clerical workers .....	100.0	1.8	18.7	79.5	71.0	5.9	2.7
Sales workers .....	100.0	4.4	44.5	51.1	41.2	4.7	5.3
Blue-collar workers .....	100.0	7.7	10.3	81.9	66.7	11.4	3.8
Craftsmen and foremen .....	100.0	3.0	17.2	79.8	65.6	11.8	2.4
Operatives .....	100.0	8.3	9.0	82.7	67.3	11.5	3.9
Nonfarm laborers .....	100.0	4.7	24.6	70.7	55.2	9.4	6.1
Service workers .....	100.0	7.0	37.8	55.3	43.4	6.2	5.7
Private household .....	100.0	12.8	50.2	37.0	24.8	5.7	6.6
Other service workers .....	100.0	5.5	34.5	60.0	48.2	6.3	5.5

## A-27: Employment status of 14- 15 year-olds by sex and color

September 1971

(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population.....	8,147	4,227	4,019	6,987	3,552	3,436	1,159	576	584
Civilian labor force.....	1,338	782	555	1,249	731	518	88	51	37
Employed.....	1,223	717	505	1,168	682	486	54	35	19
Agriculture.....	159	136	23	150	131	19	10	5	5
Nonagricultural industries.....	1,063	581	482	1,019	551	468	45	30	14
Unemployed.....	115	65	50	81	49	32	34	16	18
Not in labor force.....	6,809	3,345	3,464	5,738	2,821	2,917	1,071	524	547
Keeping house.....	28	6	21	15	4	11	13	2	11
Going to school.....	6,675	3,288	3,387	5,627	2,778	2,848	1,048	510	538
Unable to work.....	8	3	5	7	3	4	2	--	2
All other reasons.....	98	48	51	90	35	55	9	(1)	(1)

<sup>1</sup>Detail not shown due to inconsistencies resulting from the small number of sample cases.

## A-28: Employed 14- 15 year-olds by sex, class of worker, and major occupation group

September 1971

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
<b>CLASS OF WORKER</b>						
Total.....	1,223	717	505	100.0	100.0	100.0
Nonagricultural industries.....	1,063	581	482	86.9	81.0	95.2
Wage and salary workers.....	970	509	462	79.3	70.9	91.3
Private household workers.....	492	148	344	40.2	20.6	68.1
Government workers.....	4	3	1	.3	.4	.2
Other wage and salary workers.....	474	357	116	38.8	49.8	23.0
Self-employed workers.....	85	67	18	7.0	9.3	3.6
Unpaid family workers.....	8	6	2	.7	.8	.4
Agriculture.....	159	136	23	13.1	19.0	4.8
Wage and salary workers.....	64	59	5	5.2	8.2	1.0
Self-employed workers.....	13	13	--	1.1	1.8	--
Unpaid family workers.....	83	64	19	6.8	8.9	3.8
<b>OCCUPATION</b>						
Total.....	1,223	717	505	100.0	100.0	100.0
White-collar workers.....	275	223	52	22.5	31.3	10.3
Professional and technical.....	7	3	4	.6	.4	.8
Managers, officials, and proprietors.....	(1)	(1)	(1)	(1)	(1)	(1)
Clerical workers.....	35	18	17	2.9	2.5	3.4
Sales workers.....	233	204	29	19.1	28.4	5.7
Blue-collar workers.....	279	259	19	22.8	36.1	3.8
Craftsmen and foremen.....	13	10	3	1.1	1.4	.6
Operatives.....	50	39	11	4.1	5.4	2.2
Nonfarm laborers.....	216	210	5	17.7	29.2	1.0
Service workers.....	526	115	411	43.0	15.9	81.4
Private household workers.....	367	21	345	30.0	2.9	68.3
Other service workers.....	159	93	66	13.0	13.0	13.1
Farm workers.....	143	120	23	11.6	16.7	4.6
Farmers and farm managers.....	--	--	--	--	--	--
Farm laborers and foremen.....	142	120	23	11.6	16.7	4.6

<sup>1</sup>Detail not shown due to inconsistencies resulting from the small number of sample cases.

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

**A-29: Employment status of the noninstitutional population by sex and age, seasonally adjusted**

(In thousands)

Employment status, sex, and age	1971									1970			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Total</b>													
Total labor force . . . . .	87,347	87,087	86,626	85,948	87,028	86,665	86,405	86,334	86,873	86,622	86,512	86,379	86,084
Civilian labor force . . . . .	84,598	84,312	83,829	83,132	84,178	83,783	83,475	83,384	83,897	83,609	83,473	83,300	82,975
Employed . . . . .	79,525	79,197	78,941	78,443	78,961	78,698	78,475	78,537	78,864	78,463	78,550	78,691	78,479
Agriculture . . . . .	3,356	3,415	3,367	3,294	3,458	3,558	3,396	3,329	3,413	3,408	3,353	3,293	3,436
Nonagricultural industries . . . . .	76,169	75,782	75,574	75,149	75,503	75,140	75,079	75,208	75,451	75,055	75,197	75,398	75,043
On part time for economic reasons . . . . .	2,260	2,469	2,450	2,176	2,504	2,494	2,455	2,458	2,484	2,533	2,413	2,409	2,075
Usually work full time . . . . .	1,056	1,173	1,134	990	1,219	1,309	1,242	1,227	1,377	1,382	1,249	1,347	1,005
Usually work part time . . . . .	1,204	1,296	1,316	1,186	1,285	1,185	1,213	1,231	1,107	1,151	1,164	1,062	1,070
Unemployed . . . . .	5,073	5,115	4,888	4,689	5,217	5,085	5,000	4,847	5,033	5,146	4,923	4,609	4,496
<b>Men, 20 years and over</b>													
Total labor force . . . . .	50,573	50,475	50,376	50,225	50,392	50,230	49,994	49,811	50,074	50,158	50,184	50,134	50,098
Civilian labor force . . . . .	48,194	48,074	47,956	47,789	47,893	47,703	47,425	47,239	47,480	47,531	47,548	47,463	47,401
Employed . . . . .	46,004	45,903	45,888	45,765	45,737	45,625	45,411	45,237	45,425	45,365	45,531	45,531	45,530
Agriculture . . . . .	2,426	2,472	2,458	2,426	2,460	2,476	2,439	2,347	2,435	2,458	2,472	2,444	2,518
Nonagricultural industries . . . . .	43,578	43,431	43,430	43,339	43,277	43,149	42,972	42,890	42,990	42,907	43,059	43,087	43,012
Unemployed . . . . .	2,190	2,171	2,068	2,024	2,156	2,078	2,014	2,002	2,055	2,166	2,017	1,932	1,871
<b>Women, 20 years and over</b>													
Civilian labor force . . . . .	28,995	28,859	28,525	28,386	28,586	28,489	28,594	28,645	28,855	28,644	28,580	28,520	28,249
Employed . . . . .	27,376	27,172	26,897	26,818	26,857	26,791	26,938	27,051	27,211	26,988	26,967	27,084	26,829
Agriculture . . . . .	551	543	516	510	539	583	539	551	544	538	519	507	533
Nonagricultural industries . . . . .	26,825	26,629	26,381	26,308	26,318	26,208	26,399	26,500	26,667	26,450	26,448	26,577	26,296
Unemployed . . . . .	1,619	1,687	1,628	1,568	1,729	1,698	1,656	1,594	1,644	1,656	1,613	1,436	1,420
<b>Both sexes, 16-19 years</b>													
Civilian labor force . . . . .	7,409	7,379	7,348	6,957	7,699	7,591	7,456	7,500	7,562	7,434	7,345	7,317	7,325
Employed . . . . .	6,145	6,122	6,156	5,860	6,367	6,282	6,126	6,249	6,228	6,110	6,052	6,076	6,120
Agriculture . . . . .	379	400	393	358	459	499	418	431	434	412	362	342	385
Nonagricultural industries . . . . .	5,766	5,722	5,763	5,502	5,908	5,783	5,708	5,818	5,794	5,698	5,690	5,734	5,735
Unemployed . . . . .	1,264	1,257	1,192	1,097	1,332	1,309	1,330	1,251	1,334	1,324	1,293	1,241	1,205

**NOTE:** Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-37 will not necessarily add to totals.

**A-30: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted**

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1971									1970			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Full time</b>													
Total, 16 years and over:													
Civilian labor force . . . . .	72,419	72,232	72,006	71,308	72,338	71,810	71,351	71,627	71,710	71,937	71,815	71,560	71,422
Employed . . . . .	68,320	68,242	68,161	67,563	68,156	67,896	67,410	67,765	67,766	67,805	67,789	67,914	67,881
Unemployed . . . . .	4,099	3,990	3,845	3,745	4,182	3,914	3,941	3,862	3,944	4,132	4,026	3,646	3,541
Unemployment rate . . . . .	5.7	5.5	5.3	5.3	5.8	5.5	5.5	5.4	5.5	5.7	5.6	5.1	5.0
Men, 20 years and over:													
Civilian labor force . . . . .	45,790	45,697	45,738	45,479	45,619	45,326	45,055	45,048	45,138	45,300	45,268	45,172	45,118
Employed . . . . .	43,773	43,669	43,819	43,598	43,652	43,434	43,217	43,202	43,272	43,318	43,402	43,361	43,403
Unemployed . . . . .	2,017	2,028	1,919	1,881	1,967	1,892	1,838	1,846	1,866	1,982	1,866	1,811	1,715
Unemployment rate . . . . .	4.4	4.4	4.2	4.1	4.3	4.2	4.1	4.1	4.1	4.4	4.1	4.0	3.8
Women, 20 years and over:													
Civilian labor force . . . . .	22,810	22,620	22,315	22,278	22,493	22,448	22,349	22,599	22,575	22,512	22,514	22,481	22,286
Employed . . . . .	21,454	21,339	21,049	21,023	21,039	21,130	21,013	21,331	21,269	21,191	21,178	21,324	21,144
Unemployed . . . . .	1,356	1,281	1,266	1,255	1,454	1,318	1,336	1,268	1,306	1,321	1,336	1,157	1,142
Unemployment rate . . . . .	5.9	5.7	5.7	5.6	6.5	5.9	6.0	5.6	5.8	5.9	5.9	5.1	5.1
<b>Part time</b>													
Total, 16 years and over:													
Civilian labor force . . . . .	12,346	12,222	11,960	12,012	11,731	11,853	12,092	11,747	12,291	11,640	11,736	11,665	11,682
Employed . . . . .	11,326	11,089	10,924	11,095	10,650	10,739	11,038	10,727	11,156	10,637	10,746	10,701	10,702
Unemployed . . . . .	1,020	1,133	1,036	917	1,081	1,114	1,054	1,020	1,135	1,003	990	964	980
Unemployment rate . . . . .	8.3	9.3	8.7	7.6	9.2	9.4	8.7	8.7	9.2	8.6	8.4	8.3	8.4

**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.

## HOUSEHOLD DATA SEASONALLY ADJUSTED

### A-31: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1971										1970		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>White</b>													
Total:													
Civilian labor force .....	75,154	74,794	74,403	73,882	74,761	74,498	74,217	74,169	74,803	74,340	74,333	74,211	73,747
Employed .....	71,064	70,578	70,439	70,035	70,511	70,349	70,083	70,204	70,626	70,186	70,215	70,386	70,067
Unemployed .....	4,090	4,216	3,964	3,847	4,250	4,149	4,134	3,965	4,177	4,154	4,118	3,825	3,680
Unemployment rate .....	5.4	5.6	5.3	5.2	5.7	5.6	5.6	5.3	5.6	5.6	5.5	5.2	5.0
Males, 20 years and over:													
Civilian labor force .....	43,334	43,274	43,174	43,042	43,154	42,942	42,705	42,576	42,732	42,666	42,807	42,782	42,616
Employed .....	41,551	41,450	41,450	41,306	41,312	41,185	40,973	40,881	41,011	40,983	41,086	41,117	41,061
Unemployed .....	1,783	1,824	1,724	1,736	1,842	1,757	1,732	1,695	1,721	1,683	1,721	1,665	1,555
Unemployment rate .....	4.1	4.2	4.0	4.0	4.3	4.1	4.1	4.0	4.0	3.9	4.0	3.9	3.6
Females, 20 years and over:													
Civilian labor force .....	25,154	24,952	24,732	24,620	24,733	24,800	24,873	24,869	25,246	25,020	24,922	24,871	24,567
Employed .....	23,899	23,570	23,420	23,346	23,425	23,437	23,535	23,605	23,899	23,618	23,589	23,705	23,416
Unemployed .....	1,255	1,382	1,312	1,274	1,308	1,363	1,338	1,264	1,347	1,402	1,333	1,166	1,151
Unemployment rate .....	5.0	5.5	5.3	5.2	5.3	5.5	5.4	5.1	5.3	5.6	5.3	4.7	4.7
Both sexes, 16 to 19 years:													
Civilian labor force .....	6,666	6,568	6,497	6,220	6,874	6,756	6,639	6,724	6,825	6,654	6,604	6,558	6,564
Employed .....	5,614	5,558	5,569	5,383	5,774	5,727	5,575	5,718	5,716	5,585	5,540	5,564	5,590
Unemployed .....	1,052	1,010	928	837	1,100	1,029	1,064	1,006	1,109	1,069	1,064	994	974
Unemployment rate .....	15.8	15.4	14.3	13.5	16.0	15.2	16.0	15.0	16.2	16.1	16.1	15.2	14.8
<b>Negro and other races</b>													
Total:													
Civilian labor force .....	9,405	9,402	9,394	9,150	9,381	9,257	9,335	9,268	9,243	9,223	9,181	9,132	9,185
Employed .....	8,422	8,485	8,448	8,294	8,400	8,332	8,456	8,382	8,367	8,347	8,358	8,283	8,378
Unemployed .....	983	917	946	856	981	925	879	886	876	876	823	849	807
Unemployment rate .....	10.5	9.8	10.1	9.4	10.5	10.0	9.4	9.6	9.5	9.5	9.0	9.3	8.8
Males, 20 years and over:													
Civilian labor force .....	4,836	4,789	4,780	4,749	4,741	4,751	4,746	4,705	4,786	4,784	4,742	4,732	4,766
Employed .....	4,442	4,436	4,428	4,422	4,418	4,429	4,454	4,388	4,436	4,425	4,458	4,412	4,460
Unemployed .....	394	353	352	327	323	322	292	317	350	359	284	320	306
Unemployment rate .....	8.1	7.4	7.4	6.9	6.8	6.8	6.2	6.7	7.3	7.5	6.0	6.8	6.4
Females, 20 years and over:													
Civilian labor force .....	3,812	3,825	3,773	3,703	3,819	3,706	3,754	3,800	3,708	3,654	3,655	3,606	3,647
Employed .....	3,445	3,508	3,445	3,410	3,415	3,360	3,437	3,470	3,419	3,388	3,372	3,346	3,383
Unemployed .....	367	317	328	293	404	346	317	330	289	266	283	260	264
Unemployment rate .....	9.6	8.3	8.7	7.9	10.6	9.3	8.4	8.7	7.8	7.3	7.7	7.2	7.2
Both sexes, 16 to 19 years:													
Civilian labor force .....	757	788	841	698	821	800	835	763	749	785	784	794	772
Employed .....	535	541	575	462	567	543	565	524	512	534	528	525	535
Unemployed .....	222	247	266	236	254	257	270	239	237	251	256	269	237
Unemployment rate .....	29.3	31.3	31.6	33.8	30.9	32.1	32.3	31.3	31.6	32.0	32.7	33.9	30.7

### A-32: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1971										1970		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Less than 5 weeks .....	2,344	2,372	2,112	2,040	2,267	2,276	2,116	2,154	2,322	2,456	2,333	2,373	2,271
5 to 14 weeks .....	1,589	1,535	1,532	1,574	1,519	1,560	1,649	1,595	1,624	1,612	1,758	1,490	1,470
15 weeks and over .....	1,239	1,305	1,311	1,173	1,202	1,071	1,107	1,069	1,079	1,084	880	754	788
15 to 26 weeks .....	672	752	747	609	622	641	651	614	666	750	555	496	507
27 weeks and over .....	567	553	564	564	580	430	456	455	413	334	325	258	281
Average (mean) duration .....	12.0	11.5	11.6	12.7	11.5	10.9	10.8	10.4	10.4	9.7	9.3	8.5	9.0

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

**A-33: Major unemployment indicators, seasonally adjusted**

(Unemployment rates)

Selected categories	1971									1970			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Total (all civilian workers).....	6.0	6.1	5.8	5.6	6.2	6.1	6.0	5.8	6.0	6.2	5.9	5.5	5.4
Men, 20 years and over.....	4.5	4.5	4.3	4.2	4.5	4.4	4.2	4.2	4.3	4.6	4.2	4.1	3.9
Women, 20 years and over.....	5.6	5.8	5.7	5.5	6.0	6.0	5.8	5.6	5.7	5.8	5.6	5.0	5.0
Both sexes, 16-19 years.....	17.1	17.0	16.2	15.8	17.3	17.2	17.8	16.7	17.6	17.8	17.6	17.0	16.5
White.....	5.4	5.6	5.3	5.2	5.7	5.6	5.6	5.3	5.6	5.6	5.5	5.2	5.0
Negro and other races.....	10.5	9.8	10.1	9.4	10.5	10.0	9.4	9.6	9.5	9.5	9.0	9.3	8.8
Married men.....	3.3	3.2	3.1	3.1	3.3	3.1	3.2	3.2	3.3	3.4	3.2	3.0	2.9
Full-time workers.....	5.7	5.5	5.3	5.3	5.8	5.5	5.5	5.4	5.5	5.7	5.6	5.1	5.0
Part-time workers.....	8.3	9.3	8.7	7.6	9.2	9.4	8.7	8.7	9.2	8.6	8.4	8.3	8.4
Unemployed 15 weeks and over <sup>1</sup> .....	1.5	1.5	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.1	.9	.9
State insured <sup>2</sup> .....	4.4	4.2	3.9	4.4	4.2	3.9	3.9	3.7	3.7	4.2	4.6	4.5	4.2
Labor force time lost <sup>3</sup> .....	6.3	6.5	6.3	5.6	6.8	6.4	6.5	6.3	6.4	6.4	6.4	6.1	5.9
<b>Occupation</b>													
White-collar workers.....	3.3	3.5	3.6	3.1	3.7	3.8	3.7	3.5	3.5	3.8	3.6	3.0	2.9
Professional and technical.....	2.6	3.1	2.8	2.1	3.2	3.3	3.4	3.3	3.0	2.9	2.6	1.9	2.0
Managers, officials, and proprietors.....	1.6	1.4	1.8	1.7	1.5	1.6	1.7	1.5	1.5	1.7	1.7	1.4	1.5
Clerical workers.....	4.7	4.8	5.0	4.6	4.8	5.2	4.9	4.7	4.9	5.3	5.0	4.3	4.0
Sales workers.....	3.9	4.5	4.7	3.9	5.5	4.5	4.4	3.9	4.1	5.1	4.9	4.0	3.9
Blue-collar workers.....	8.0	7.6	7.1	7.0	7.5	7.4	7.4	7.4	7.6	7.8	7.4	7.3	7.3
Craftsmen and foremen.....	5.8	5.5	5.3	3.9	4.1	4.5	4.9	4.3	5.1	5.0	4.5	4.0	5.3
Operatives.....	8.4	8.3	8.0	8.1	8.8	8.6	8.4	8.4	8.6	9.0	8.8	8.5	7.6
Nonfarm laborers.....	11.6	10.5	9.1	11.2	11.5	10.2	10.0	11.3	10.6	11.0	10.1	11.2	11.2
Service workers.....	6.5	6.6	6.6	6.2	6.4	6.3	6.0	5.9	6.4	6.2	6.0	5.7	5.7
Farm workers.....	2.9	2.8	2.8	2.2	1.9	1.8	2.2	3.2	3.2	3.3	2.7	2.9	3.9
<b>Industry</b>													
Private wage and salary workers <sup>4</sup> .....	6.2	6.2	6.1	6.0	6.5	6.3	6.4	6.1	6.4	6.6	6.2	6.0	5.8
Construction.....	10.0	10.2	9.6	10.4	11.2	9.6	10.9	11.0	11.2	11.8	9.1	11.7	12.7
Manufacturing.....	7.0	6.9	6.6	6.5	6.9	7.0	6.9	6.8	7.2	7.6	7.3	6.7	6.1
Durable goods.....	7.1	6.8	6.5	6.9	7.2	7.5	7.3	7.1	7.2	8.0	8.2	7.3	6.3
Nondurable goods.....	6.8	7.0	6.7	6.0	6.4	6.3	6.4	6.4	7.1	7.2	6.1	5.8	5.8
Transportation and public utilities.....	3.6	3.1	3.0	3.3	4.4	4.0	3.3	4.0	4.6	4.1	3.6	3.5	3.0
Wholesale and retail trade.....	6.2	6.2	6.4	6.5	6.9	6.5	6.7	6.2	6.1	6.7	6.1	5.8	5.7
Finance and service industries.....	5.1	5.4	5.4	4.7	5.1	5.3	5.3	4.8	5.0	4.9	5.1	4.5	4.8
Government wage and salary workers.....	2.9	3.1	2.9	2.5	3.0	2.8	2.8	2.6	2.9	3.0	2.8	2.5	2.0
Agricultural wage and salary workers.....	8.8	9.4	8.3	5.7	7.5	6.1	6.5	9.4	9.0	9.6	8.8	8.4	9.1

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

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

<sup>3</sup>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>4</sup>Includes mining, not shown separately.

## HOUSEHOLD DATA SEASONALLY ADJUSTED

### A-34: Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1971										1970		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Total, 16 years and over...</b>	6.0	6.1	5.8	5.6	6.2	6.1	6.0	5.8	6.0	6.2	5.9	5.5	5.4
16 to 19 years .....	17.1	17.0	16.2	15.8	17.3	17.2	17.8	16.7	17.6	17.8	17.6	17.0	16.5
16 and 17 years .....	18.6	19.7	18.3	18.1	19.0	18.3	18.8	17.4	20.3	19.8	18.6	19.7	19.0
18 and 19 years .....	16.0	15.0	14.9	13.9	16.7	15.8	17.2	16.1	16.0	16.5	16.6	15.1	14.6
20 to 24 years .....	9.6	10.1	9.7	9.9	11.1	10.4	10.0	9.4	9.7	10.2	10.0	9.1	9.3
25 years and over .....	4.1	4.1	4.0	3.8	4.0	4.0	4.0	3.9	4.0	4.2	3.9	3.7	3.5
25 to 54 years .....	4.4	4.3	4.2	3.9	4.1	4.2	4.2	4.0	4.1	4.4	4.2	3.9	3.6
55 years and over .....	3.1	3.5	3.1	3.4	3.6	3.6	3.3	3.6	3.6	3.5	3.3	3.0	3.1
<b>Males, 16 years and over.....</b>	5.5	5.5	5.2	5.1	5.6	5.3	5.3	5.2	5.4	5.6	5.2	5.1	4.9
16 to 19 years .....	16.4	17.3	15.5	15.7	17.6	16.5	17.0	16.2	17.6	17.2	16.5	17.0	16.4
16 and 17 years .....	19.1	19.5	18.5	17.7	17.5	18.5	18.4	17.3	19.8	20.0	17.7	19.8	19.4
18 and 19 years .....	14.5	15.4	13.5	13.7	18.0	14.9	16.0	15.3	15.7	15.0	15.1	14.9	14.2
20 to 24 years .....	10.5	10.5	10.1	9.7	10.8	10.5	10.0	9.7	10.4	10.9	10.4	10.6	10.1
25 years and over .....	3.6	3.6	3.4	3.3	3.6	3.5	3.4	3.4	3.5	3.7	3.4	3.2	3.0
25 to 54 years .....	3.8	3.6	3.5	3.4	3.6	3.4	3.4	3.2	3.4	3.6	3.5	3.3	3.0
55 years and over .....	3.0	3.3	3.1	3.3	3.5	3.7	3.5	3.9	3.8	3.7	3.5	3.0	3.1
<b>Females, 16 years and over.....</b>	6.8	7.0	6.9	6.5	7.2	7.3	7.2	6.8	6.9	7.1	7.0	6.3	6.2
16 to 19 years .....	17.8	16.7	17.1	15.9	16.9	18.2	18.8	17.2	17.7	18.6	19.0	16.9	16.5
16 and 17 years .....	17.9	19.9	18.1	18.7	20.8	17.9	19.4	17.5	21.0	19.4	19.8	19.5	18.6
18 and 19 years .....	17.7	14.6	16.5	14.1	15.2	16.9	18.5	17.0	16.4	18.2	18.4	15.3	14.9
20 to 24 years .....	8.6	9.5	9.1	10.1	11.5	10.3	10.1	9.1	9.0	9.3	9.6	7.4	8.2
25 years and over .....	4.9	5.1	5.0	4.5	4.8	5.0	5.0	4.8	4.9	5.1	4.8	4.6	4.3
25 to 54 years .....	5.3	5.5	5.5	5.0	5.1	5.5	5.6	5.3	5.2	5.7	5.4	5.0	4.7
55 years and over .....	3.4	3.8	3.3	3.6	3.7	3.4	3.1	3.1	3.3	3.1	2.9	3.0	3.0

### A-35: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1971										1970		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Number of unemployed</b>													
Lost last job .....	2,372	2,449	2,258	2,339	2,311	2,281	2,185	2,288	2,281	2,536	2,385	2,208	2,099
Left last job .....	571	568	518	476	618	606	594	652	643	614	607	590	540
Reentered labor force .....	1,547	1,507	1,544	1,338	1,527	1,460	1,537	1,296	1,497	1,472	1,397	1,214	1,335
Never worked before .....	607	644	548	540	740	688	678	589	644	594	607	553	538
<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
Lost last job .....	46.5	47.4	46.4	49.8	44.5	45.3	43.8	47.4	45.0	48.6	47.7	48.4	46.5
Left last job .....	11.2	11.0	10.6	10.1	11.9	12.0	11.9	13.5	12.7	11.8	12.1	12.9	12.0
Reentered labor force .....	30.4	29.2	31.7	28.5	29.4	29.0	30.8	26.9	29.6	28.2	28.0	26.6	29.6
Never worked before .....	11.9	12.5	11.3	11.5	14.2	13.7	13.6	12.2	12.7	11.4	12.1	12.1	11.9
<b>Unemployed as a percent of the civilian labor force</b>													
Lost last job .....	2.8	2.9	2.7	2.8	2.7	2.7	2.6	2.7	2.7	3.0	2.9	2.7	2.5
Left last job .....	.7	.7	.6	.6	.7	.7	.7	.8	.8	.7	.7	.7	.7
Reentered labor force .....	1.8	1.8	1.8	1.6	1.8	1.7	1.8	1.6	1.8	1.8	1.7	1.5	1.6
Never worked before .....	.7	.8	.7	.6	.9	.8	.8	.7	.8	.7	.7	.7	.6

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-36: Employed persons by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1971										1970		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Total</b>													
16 years and over .....	79,525	79,197	78,941	78,443	78,961	78,698	78,475	78,537	78,864	78,550	78,463	78,691	78,479
16 to 19 years .....	6,145	6,122	6,156	5,860	6,367	6,282	6,126	6,249	6,228	6,110	6,052	6,076	6,120
16 and 17 years .....	2,600	2,515	2,522	2,324	2,688	2,660	2,627	2,709	2,684	2,544	2,541	2,531	2,586
18 and 19 years .....	3,552	3,573	3,617	3,546	3,658	3,619	3,517	3,555	3,555	3,559	3,528	3,559	3,544
20 to 24 years .....	10,410	10,285	10,209	9,954	10,014	9,980	9,839	9,795	9,926	9,879	9,859	9,940	9,858
25 years and over .....	62,975	62,750	62,539	62,635	62,589	62,431	62,533	62,489	62,722	62,461	62,646	62,679	62,506
25 to 54 years .....	48,917	48,742	48,570	48,646	48,687	48,446	48,495	48,619	48,667	48,436	48,577	48,592	48,489
55 years and over .....	14,022	13,972	13,907	13,867	13,948	13,956	14,072	13,928	14,237	14,064	14,015	14,054	13,980
<b>Male</b>													
16 years and over .....	49,458	49,289	49,340	49,035	49,243	49,144	48,793	48,725	48,908	48,870	48,964	48,870	48,898
16 to 19 years .....	3,454	3,386	3,452	3,270	3,506	3,519	3,382	3,488	3,483	3,505	3,433	3,339	3,368
16 and 17 years .....	1,505	1,466	1,481	1,376	1,552	1,548	1,476	1,577	1,561	1,537	1,489	1,439	1,484
18 and 19 years .....	1,953	1,890	1,959	1,898	1,969	1,957	1,915	1,920	1,924	1,973	1,956	1,914	1,890
20 to 24 years .....	5,646	5,597	5,552	5,494	5,540	5,510	5,405	5,322	5,365	5,400	5,342	5,299	5,308
25 years and over .....	40,372	40,294	40,295	40,249	40,216	40,114	40,027	39,926	40,038	39,997	40,165	40,230	40,235
25 to 54 years .....	31,415	31,315	31,347	31,271	31,253	31,204	31,070	31,148	31,094	31,132	31,281	31,290	31,301
55 years and over .....	8,948	8,949	8,939	8,907	8,971	8,912	8,943	8,812	9,007	8,901	8,900	8,938	8,927
<b>Female</b>													
16 years and over .....	30,067	29,908	29,601	29,408	29,718	29,554	29,682	29,812	29,956	29,593	29,586	29,821	29,581
16 to 19 years .....	2,691	2,736	2,704	2,590	2,861	2,763	2,744	2,761	2,745	2,605	2,619	2,737	2,752
16 and 17 years .....	1,095	1,049	1,041	948	1,136	1,112	1,151	1,132	1,123	1,007	1,052	1,092	1,102
18 and 19 years .....	1,599	1,683	1,658	1,648	1,689	1,662	1,602	1,635	1,631	1,586	1,572	1,645	1,654
20 to 24 years .....	4,764	4,688	4,657	4,460	4,474	4,470	4,434	4,473	4,561	4,479	4,517	4,641	4,550
25 years and over .....	22,603	22,456	22,244	22,386	22,373	22,317	22,506	22,563	22,684	22,464	22,481	22,449	22,271
25 to 54 years .....	17,502	17,427	17,223	17,375	17,434	17,242	17,425	17,471	17,573	17,304	17,296	17,302	17,188
55 years and over .....	5,074	5,023	4,968	4,960	4,977	5,044	5,129	5,116	5,230	5,163	5,115	5,116	5,053

**A-37: Employed persons by major occupation group, seasonally adjusted**

(In thousands)

Occupation group	1971										1970		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>White-collar workers</b> .....	38,830	38,560	38,035	37,868	38,128	37,932	37,838	37,791	38,086	38,107	38,165	38,110	38,003
Professional and technical .....	11,256	11,236	11,019	11,247	11,025	10,969	10,837	10,907	10,777	11,132	11,156	11,172	11,234
Managers, officials, and proprietors .....	8,913	8,850	8,661	8,588	8,680	8,607	8,662	8,573	8,729	8,408	8,378	8,349	8,246
Clerical workers .....	13,660	13,439	13,306	13,119	13,394	13,236	13,247	13,265	13,474	13,613	13,700	13,671	13,647
Sales workers .....	5,001	5,035	5,049	4,914	5,029	5,120	5,092	5,046	5,106	4,954	4,931	4,918	4,876
<b>Blue-collar workers</b> .....	27,196	26,887	27,182	27,031	26,978	27,005	26,999	27,196	27,023	27,444	27,695	27,736	27,580
Craftsmen and foremen .....	10,003	10,025	10,275	10,219	10,059	10,050	10,045	10,291	9,985	10,149	10,163	10,205	10,149
Operatives .....	13,144	12,859	12,838	12,968	12,915	12,927	12,899	12,841	12,931	13,583	13,747	13,895	13,728
Nonfarm laborers .....	4,049	4,003	4,069	3,844	4,004	4,028	4,055	4,064	4,107	3,712	3,785	3,636	3,703
<b>Service workers</b> .....	10,677	10,710	10,666	10,576	10,743	10,492	10,681	10,621	10,749	9,799	9,728	9,834	9,915
Farmers and farm laborers .....	2,947	3,036	3,002	2,941	3,025	3,169	2,991	2,944	3,026	3,080	2,990	2,997	3,095

NOTE: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month. For an explanation of the changes, see "Revisions in Occupational Classifications for 1971" in the February 1971 issue of Employment and Earnings.

# 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	-	-
1921.....	24,382	10,231	962	1,012	8,257	14,151	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	11,234	929	1,185	9,120	14,593	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	12,741	1,212	1,229	10,300	15,653	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	12,093	1,101	1,321	9,671	15,947	3,807	5,407	-	-	1,231	2,782	2,720	-	-
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	1,503	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.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	20,476	792	2,802	16,882	30,199	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	21,064	822	2,999	17,243	31,344	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	20,925	828	2,923	17,174	31,966	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.....	67,915	23,672	606	3,285	19,781	44,244	4,310	14,084	3,611	10,473	3,382	10,623	11,845	2,737	9,109
1969.....	70,284	24,221	619	3,435	20,167	46,063	4,429	14,639	3,733	10,906	3,564	11,229	12,202	2,758	9,444
1970.....	70,616	23,336	622	3,345	19,369	47,280	4,504	14,922	3,824	11,098	3,690	11,630	12,535	2,705	9,830
1970:Sept.	70,841	23,605	627	3,497	19,481	47,236	4,568	14,902	3,841	11,061	3,705	11,689	12,372	2,649	9,723
Oct.	70,604	22,906	622	3,471	18,813	47,698	4,531	15,002	3,856	11,146	3,699	11,745	12,721	2,643	10,078
Nov.	70,562	22,609	623	3,383	18,603	47,953	4,520	15,154	3,858	11,296	3,706	11,738	12,835	2,648	10,187
Dec.	71,151	22,677	621	3,233	18,823	48,474	4,454	15,706	3,863	11,843	3,712	11,717	12,885	2,693	10,192
1971:Jan.	69,527	22,111	611	2,921	18,579	47,416	4,435	14,862	3,810	11,052	3,709	11,611	12,799	2,640	10,159
Feb.	69,450	21,984	606	2,846	18,532	47,466	4,454	14,721	3,799	10,922	3,715	11,667	12,909	2,646	10,263
Mar.	69,782	22,063	608	2,967	18,488	47,719	4,466	14,789	3,806	10,983	3,735	11,758	12,971	2,649	10,322
Apr.	70,309	22,263	617	3,164	18,482	48,046	4,469	14,974	3,808	11,166	3,758	11,867	12,978	2,662	10,316
May	70,738	22,441	622	3,265	18,554	48,297	4,500	15,071	3,823	11,248	3,780	11,953	12,993	2,659	10,334
June	71,355	22,794	634	3,414	18,746	48,561	4,549	15,192	3,860	11,332	3,837	12,050	12,933	2,674	10,259
July	70,452	22,541	613	3,480	18,448	47,911	4,534	15,132	3,877	11,255	3,867	12,040	12,338	2,688	9,650
Aug. <sup>p</sup>	70,571	22,805	625	3,508	18,672	47,766	4,493	15,141	3,887	11,254	3,865	11,988	12,279	2,690	9,589
Sept. <sup>p</sup>	71,200	22,927	626	3,458	18,843	48,273	4,503	15,224	3,858	11,366	3,829	11,981	12,736	2,669	10,067

<sup>p</sup>=preliminary.

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



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

(In thousands)

SIC CODE	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
-	<b>TOTAL</b> .....	71,200	70,571	70,452	70,841	70,452	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	58,464	58,292	48,114	58,469	58,495	48,351	48,188	47,995	48,347	48,328
-	<b>MINING</b> .....	626	625	613	627	636	472	473	460	477	484
10	<b>METAL MINING</b> .....	-	83.3	71.4	95.9	96.9	-	64.5	52.3	77.3	78.1
101	Iron ores .....	-	25.6	26.1	27.1	27.3	-	20.9	21.3	22.1	22.5
102	Copper ores .....	-	27.4	14.8	37.5	38.1	-	19.3	6.7	29.8	30.0
11,12	<b>COAL MINING</b> .....	-	156.8	156.4	147.7	145.9	-	134.5	134.2	127.7	126.0
12	Bituminous coal and lignite mining .....	-	151.4	151.0	142.1	140.3	-	129.7	129.5	122.8	121.1
13	<b>OIL AND GAS EXTRACTION</b> .....	-	266.2	265.9	265.1	272.9	-	175.4	175.2	174.0	180.1
131,2	Crude petroleum and natural gas fields .....	-	144.1	144.3	144.0	147.7	-	74.2	74.4	73.9	76.5
138	Oil and gas field services .....	-	122.1	121.6	121.1	125.2	-	101.2	100.8	100.1	103.6
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	-	118.6	118.8	118.6	120.3	-	98.2	98.3	98.4	99.9
142	Crushed and broken stone .....	-	42.6	43.2	42.6	43.2	-	36.1	36.5	36.0	36.6
144	Sand and gravel .....	-	40.2	39.4	39.1	39.7	-	-	-	-	-
	<b>CONTRACT CONSTRUCTION</b> .....	3,458	3,508	3,480	3,497	3,599	2,899	2,946	2,916	2,936	3,034
	<b>GENERAL BUILDING CONTRACTORS</b> .....	-	1,012.7	994.5	1,030.7	1,060.1	-	847.2	827.4	863.5	891.4
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	780.3	790.2	797.4	825.2	-	671.1	680.8	686.5	714.9
161	Highway and street construction .....	-	378.0	383.7	391.0	409.6	-	337.0	342.9	350.3	368.5
162	Heavy construction, n e c .....	-	402.3	406.5	406.4	415.6	-	334.1	337.9	336.2	346.4
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	1,714.6	1,695.5	1,668.6	1,713.5	-	1,428.0	1,407.5	1,386.4	1,428.0
171	Plumbing, heating, air conditioning .....	-	404.0	403.7	405.9	414.7	-	322.6	321.3	326.4	333.8
172	Painting, paper hanging, decorating .....	-	129.0	128.3	133.5	142.2	-	113.0	112.4	117.3	126.0
173	Electrical work .....	-	298.2	298.1	302.1	305.7	-	238.9	238.5	243.0	245.3
174	Masonry, stonework, and plastering .....	-	221.4	220.0	210.2	217.6	-	200.6	198.7	189.3	196.6
176	Roofing and sheet metal work .....	-	116.0	114.3	117.1	121.1	-	95.2	93.2	96.9	100.9
	<b>MANUFACTURING</b> .....	18,843	18,672	18,448	19,481	19,419	13,742	13,555	13,315	14,201	14,083
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	10,656	10,492	10,487	11,196	11,095	7,696	7,524	7,512	8,096	7,961
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	8,187	8,180	7,961	8,285	8,324	6,046	6,031	5,803	6,105	6,122
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	189.4	190.1	189.9	229.7	232.3	93.0	93.3	92.4	124.6	124.6
192	Ammunition, except for small arms .....	131.0	131.9	131.9	159.9	163.0	57.6	58.4	57.8	81.5	82.7
1925	Complete guided missiles .....	-	90.2	90.2	94.2	94.8	-	26.6	26.0	29.4	29.2
1929	Ammunition, exc. for small arms, nec .....	-	41.7	41.7	65.7	68.2	-	31.8	31.8	52.1	53.5
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	600.5	601.9	596.4	577.1	582.8	519.2	520.2	516.3	497.6	503.1
241	Logging camps & logging contractors .....	(*)	75.9	76.8	74.4	75.5	-	-	-	-	-
242	Sawmills and planing mills .....	216.2	216.3	215.8	213.4	216.7	197.2	196.7	196.1	194.2	197.6
2421	Sawmills and planing mills, general .....	-	184.3	184.0	181.5	185.0	-	167.9	167.5	165.5	169.1
243	Millwork, plywood & related products .....	189.6	192.4	187.5	171.2	171.7	158.1	160.6	157.5	142.1	142.7
2431	Millwork .....	-	83.2	81.5	74.9	75.3	-	68.2	66.6	60.5	60.8
2432	Veneer and plywood .....	-	76.7	76.1	71.1	70.8	-	68.7	68.3	63.5	63.3
244	Wooden containers .....	29.5	29.7	30.1	31.2	32.0	26.2	26.4	26.7	27.6	28.3
2441,2	Wooden boxes, shooks, and crates .....	-	24.2	24.6	25.5	26.2	-	21.5	21.9	22.6	23.3
249	Miscellaneous wood products .....	87.7	87.6	86.2	86.9	86.9	72.5	72.6	71.2	72.1	72.0

See footnotes at end of table.

B-2: Employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	(In thousands)					Production workers <sup>1</sup>				
		All employees									
		Sept. 1971 P	Aug. 1971 P	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 P	Aug. 1971 P	July 1971	Sept. 1970	Aug. 1970
<i>Durable Goods--Continued</i>											
25	<b>FURNITURE AND FIXTURES . . . . .</b>	468.1	459.4	452.1	460.2	457.0	385.9	377.9	370.8	380.1	376.6
251	Household furniture . . . . .	(*)	327.6	322.9	320.6	318.2	(*)	276.8	272.7	271.7	269.2
2511	Wood household furniture . . . . .	—	164.4	163.2	162.3	160.7	—	143.4	142.6	142.5	140.9
2512	Upholstered household furniture . . . . .	—	90.8	88.6	87.5	87.2	—	76.0	73.8	72.8	72.5
2515	Mattresses and bedsprings . . . . .	—	38.2	37.3	37.5	37.2	—	29.4	28.6	29.1	28.9
252	Office furniture . . . . .	—	33.6	33.5	36.3	36.5	—	25.4	25.4	28.3	28.3
254	Partitions and fixtures . . . . .	—	50.5	50.0	52.6	52.0	—	38.7	38.1	41.2	40.6
253,9	Other furniture and fixtures . . . . .	47.7	47.7	45.7	50.7	50.3	36.8	37.0	34.6	38.9	38.5
32	<b>STONE, CLAY, AND GLASS PRODUCTS . . .</b>	644.7	644.4	638.6	648.3	650.1	514.0	513.6	507.6	517.6	518.2
321	Flat glass . . . . .	—	24.5	24.4	24.5	23.7	—	18.0	17.9	18.0	17.0
322	Glass and glassware, pressed or blown . . . . .	132.1	132.1	129.5	135.6	134.9	113.8	113.7	111.2	118.2	117.4
3221	Glass containers . . . . .	—	77.7	76.6	79.3	79.7	—	68.3	67.2	70.6	71.1
3229	Pressed and blown glass, n e c . . . . .	—	54.4	52.9	56.3	55.2	—	45.4	44.0	47.6	46.3
324	Cement, hydraulic . . . . .	32.7	33.2	33.2	33.8	34.3	25.7	26.3	26.3	26.4	26.7
325	Structural clay products . . . . .	(*)	57.6	58.3	58.8	59.5	(*)	47.9	48.5	48.1	48.5
3251	Brick and structural clay tile . . . . .	—	26.4	26.5	26.1	26.4	—	23.0	23.2	22.7	22.8
326	Pottery and related products . . . . .	—	40.2	39.6	43.3	42.9	—	33.1	32.3	36.2	35.7
327	Concrete, gypsum, and plaster products . . . . .	194.6	195.9	193.4	191.2	193.3	152.7	154.0	151.9	149.5	151.8
328,9	Other stone and nonmetallic mineral products . . . . .	(*)	131.2	130.5	131.7	132.2	(*)	97.1	96.3	98.1	98.5
3291	Abrasive products . . . . .	—	25.1	24.9	25.6	25.8	—	17.0	17.1	17.6	17.8
33	<b>PRIMARY METAL INDUSTRIES . . . . .</b>	1,167.2	1,172.4	1,238.9	1,317.1	1,315.0	904.7	909.9	975.5	1,046.1	1,041.2
331	Blast furnace and basic steel products . . . . .	(*)	539.4	614.6	636.4	640.3	(*)	415.1	490.3	508.4	510.9
3312	Blast furnaces and steel mills . . . . .	—	466.5	537.7	555.6	559.6	—	359.3	430.5	445.7	448.3
332	Iron and steel foundries . . . . .	215.1	210.2	210.3	224.6	218.5	178.0	173.4	173.0	186.1	180.2
3321	Gray iron foundries . . . . .	—	128.8	128.1	137.4	130.3	—	107.7	106.8	115.5	108.7
3322	Malleable iron foundries . . . . .	—	22.9	22.9	22.8	22.3	—	19.0	19.0	19.1	18.5
3323	Steel foundries . . . . .	—	58.5	59.3	64.4	65.9	—	46.7	47.2	51.5	53.0
333,4	Nonferrous metals . . . . .	(*)	84.0	75.3	90.7	91.6	(*)	64.4	56.0	70.3	70.7
3334	Primary aluminum . . . . .	—	31.1	31.1	32.1	32.3	—	25.4	25.4	26.2	26.3
335	Nonferrous rolling and drawing . . . . .	(*)	198.2	199.8	212.0	212.5	(*)	144.3	146.5	157.8	157.4
3351	Copper rolling and drawing . . . . .	—	41.3	41.6	43.0	43.5	—	30.5	31.0	31.9	32.0
3352	Aluminum rolling and drawing . . . . .	—	62.1	63.0	68.5	68.8	—	44.1	44.6	50.0	49.9
3357	Nonferrous wire drawing and insulating . . . . .	—	74.9	75.4	78.9	78.6	—	56.0	56.4	60.7	60.4
336	Nonferrous foundries . . . . .	76.5	76.5	75.6	82.3	81.9	62.9	62.5	61.6	67.6	67.1
3361	Aluminum castings . . . . .	—	38.2	38.8	42.3	42.3	—	31.6	32.1	35.4	35.3
3362,9	Other nonferrous castings . . . . .	—	38.3	36.8	40.0	39.6	—	30.9	29.5	32.2	31.8
339	Miscellaneous primary metal products . . . . .	63.8	64.1	63.3	71.1	70.2	49.8	50.2	49.0	55.9	54.9
3391	Iron and steel forgings . . . . .	—	43.2	42.5	47.2	46.2	—	34.4	33.5	37.6	36.6
34	<b>FABRICATED METAL PRODUCTS . . . . .</b>	1,357.9	1,332.1	1,319.4	1,394.9	1,378.8	1,035.7	1,012.9	998.5	1,069.2	1,051.8
341	Metal cans . . . . .	76.2	76.1	76.5	75.3	75.3	65.7	65.6	65.8	64.4	64.1
342	Cutlery, hand tools, and hardware . . . . .	151.3	146.7	145.0	152.5	148.4	117.6	113.4	112.4	118.2	114.0
3421,3,5	Cutlery and hand tools, incl. saws . . . . .	—	61.0	59.7	62.2	61.2	—	46.8	46.1	47.9	46.8
3429	Hardware, n e c . . . . .	—	85.7	85.3	90.3	87.2	—	66.6	66.3	70.3	67.2
343	Plumbing and heating, except electric . . . . .	81.3	80.6	80.8	81.0	79.4	60.4	59.9	59.8	59.7	57.7
3431,2	Sanitary ware & plumbers' brass goods . . . . .	—	39.0	39.0	35.8	35.6	—	30.8	30.8	27.9	27.5
3433	Heating equipment, except electric . . . . .	—	41.6	41.8	45.2	43.8	—	29.1	29.0	31.8	30.2
344	Fabricated structural metal products . . . . .	(*)	422.3	419.9	433.7	431.8	(*)	303.1	299.7	314.0	312.5
3441	Fabricated structural steel . . . . .	—	106.0	107.6	112.2	111.5	—	77.3	78.6	83.3	82.3
3442	Metal doors, sash, and trim . . . . .	—	73.5	71.6	68.3	67.3	—	54.8	52.7	49.7	48.8
3443	Fabricated plate work (boiler shops) . . . . .	—	113.7	113.2	120.1	119.3	—	79.4	78.2	85.3	85.1
3444	Sheet metal work . . . . .	—	80.3	78.9	82.5	83.3	—	58.0	56.8	59.8	60.5
3446,9	Architectural and misc. metal work . . . . .	—	48.8	48.6	50.6	50.4	—	33.6	33.4	35.9	35.8
345	Screw machine products, bolts, etc . . . . .	92.6	90.5	90.2	101.6	102.0	71.3	69.2	68.8	79.0	78.6
3451	Screw machine products . . . . .	—	39.6	39.8	45.0	45.3	—	32.4	32.6	37.1	37.1
3452	Bolts, nuts, rivets, and washers . . . . .	—	50.9	50.4	56.6	56.7	—	36.8	36.2	41.9	41.5
346	Metal stampings . . . . .	227.9	217.9	211.6	242.9	233.7	183.2	174.0	167.3	197.1	188.2
347	Metal services, n e c . . . . .	(*)	76.1	76.2	82.9	83.8	(*)	61.9	61.9	68.1	69.0
348	Misc. fabricated wire products . . . . .	65.4	64.6	64.4	67.0	66.0	51.7	51.0	50.5	53.3	52.1
349	Misc. fabricated metal products . . . . .	(*)	157.3	154.8	158.0	158.4	(*)	114.8	112.3	115.4	115.6
3494,8	Valves, pipe, and pipe fittings . . . . .	—	96.1	94.2	96.0	95.9	—	67.0	65.3	67.5	67.2

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

52

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970
<i>Durable Goods--Continued</i>											
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . . .</b>	1,783.5	1,767.7	1,772.4	1,928.7	1,945.1	1,172.3	1,147.9	1,150.8	1,282.5	1,285.5
351	Engines and turbines . . . . .	115.2	116.5	115.7	108.8	114.2	75.4	76.8	76.8	72.8	77.3
3511	Steam engines and turbines . . . . .	-	45.1	43.7	36.9	43.5	-	25.7	24.9	20.3	26.1
3519	Internal combustion engines, n e c . . . . .	-	71.4	72.0	71.9	70.7	-	51.1	51.9	52.5	51.2
352	Farm machinery . . . . .	-	114.5	116.2	125.6	122.5	-	79.0	79.1	87.9	84.3
353	Construction and related machinery . . . . .	276.8	277.5	276.6	291.3	292.0	180.8	179.1	178.6	191.9	191.5
3531,2	Construction and mining machinery . . . . .	-	146.8	145.6	155.3	153.9	-	97.0	96.4	105.7	103.8
3533	Oil field machinery . . . . .	-	45.1	45.3	45.3	46.5	-	30.4	30.6	30.6	31.7
3535,6	Conveyors, hoists, cranes, monorails . . . . .	-	38.9	39.4	42.2	42.8	-	24.0	24.4	26.7	26.9
3537	Industrial trucks and tractors . . . . .	-	30.8	29.7	32.2	32.7	-	19.4	18.4	20.4	20.7
354	Metal working machinery . . . . .	(*)	252.3	251.6	299.8	303.5	(*)	179.9	179.4	219.6	220.7
3541	Machine tools, metal cutting types . . . . .	-	49.0	49.8	63.8	65.3	-	30.7	31.1	41.7	42.4
3544	Special dies, tools, jigs, & fixtures . . . . .	-	97.1	95.5	110.0	110.3	-	76.3	75.2	88.0	88.3
3545	Machine tool accessories . . . . .	-	43.4	43.5	52.5	54.0	-	29.9	30.0	37.8	38.5
3542,8	Misc. metal working machinery . . . . .	-	62.8	62.8	73.5	73.9	-	43.0	43.1	52.1	51.5
355	Special industry machinery . . . . .	177.2	176.5	175.8	192.9	194.5	114.8	113.6	112.4	126.6	126.5
3551	Food products machinery . . . . .	-	39.5	38.7	42.5	42.9	-	24.2	23.5	27.1	26.8
3552	Textile machinery . . . . .	-	35.0	34.4	37.1	37.2	-	25.9	25.3	27.3	27.6
3555	Printing trades machinery . . . . .	-	27.7	28.4	31.1	31.4	-	16.9	17.2	19.7	19.7
356	General industrial machinery . . . . .	251.6	249.4	250.6	280.9	281.4	165.3	162.5	163.1	186.6	186.0
3561	Pumps and compressors . . . . .	-	67.4	68.4	76.1	76.1	-	39.5	40.2	45.1	44.8
3562	Ball and roller bearings . . . . .	-	48.3	49.1	59.8	59.4	-	36.3	36.7	46.2	45.6
3564	Blowers and fans . . . . .	-	32.4	32.2	33.1	33.0	-	20.9	20.5	21.5	21.5
3566	Power transmission equipment . . . . .	-	46.8	46.8	51.4	51.5	-	32.4	32.6	36.6	36.3
357	Office and computing machines . . . . .	241.6	243.4	246.1	273.9	278.9	110.3	110.4	112.9	132.6	134.3
3573	Electronic computing equipment . . . . .	-	168.4	171.2	184.6	188.3	-	60.1	62.7	69.4	69.9
358	Service industry machines . . . . .	(*)	137.9	138.8	145.3	147.8	(*)	94.1	95.1	102.4	103.3
3585	Refrigeration machinery . . . . .	-	90.4	91.5	97.1	99.2	-	61.8	62.9	69.0	69.8
359	Misc. machinery, except electrical . . . . .	(*)	199.7	201.0	210.2	210.3	(*)	152.5	153.4	162.1	161.6
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	1,807.4	1,776.9	1,758.7	1,909.6	1,915.5	1,209.6	1,170.7	1,153.1	1,269.3	1,269.3
361	Electric test & distributing equipment . . . . .	(*)	194.6	193.5	208.2	207.6	(*)	131.1	130.1	142.1	141.9
3611	Electric measuring instruments . . . . .	-	62.6	62.5	67.2	67.0	-	38.0	38.0	41.3	41.3
3612	Transformers . . . . .	-	53.4	52.3	58.2	58.3	-	38.5	37.4	42.6	42.8
3613	Switchgear and switchboard apparatus . . . . .	-	78.6	78.7	82.8	82.3	-	54.6	54.7	58.2	57.8
362	Electrical industrial apparatus . . . . .	(*)	196.4	195.9	221.6	222.0	(*)	133.8	132.0	153.7	153.3
3621	Motors and generators . . . . .	-	105.2	104.8	121.8	121.0	-	72.8	71.9	86.3	85.2
3622	Industrial controls . . . . .	-	53.4	52.7	57.7	58.5	-	34.1	33.3	37.0	37.6
363	Household appliances . . . . .	(*)	182.9	181.6	182.3	187.5	(*)	143.4	142.7	144.4	149.5
3632	Household refrigerators and freezers . . . . .	-	55.5	58.3	55.1	61.8	-	44.2	47.6	44.8	51.7
3633	Household laundry equipment . . . . .	-	28.6	28.8	25.8	25.5	-	23.5	23.6	20.4	20.1
3634	Electric housewares and fans . . . . .	-	47.8	44.7	50.1	49.0	-	37.0	33.9	39.8	38.7
364	Electric lighting and wiring equipment . . . . .	(*)	181.7	176.8	194.6	193.9	(*)	138.6	134.2	149.5	148.4
3641	Electric lamps . . . . .	-	34.8	34.1	37.5	37.7	-	30.6	29.9	33.0	33.4
3642	Lighting fixtures . . . . .	-	62.0	58.8	65.2	64.1	-	47.3	44.2	50.4	49.2
3643,4	Wiring devices . . . . .	-	84.9	83.9	91.9	92.1	-	60.7	60.1	66.1	65.8
365	Radio and TV receiving equipment . . . . .	(*)	137.2	132.7	140.4	136.5	(*)	99.9	96.0	105.0	100.6
366	Communication equipment . . . . .	435.4	434.0	436.3	487.7	492.8	218.8	216.2	217.7	246.6	247.6
3661	Telephone and telegraph apparatus . . . . .	-	153.6	154.7	166.5	169.5	-	99.6	100.9	112.0	114.3
3662	Radio and TV communication equipment . . . . .	-	280.4	281.6	321.2	323.3	-	116.6	116.8	134.6	133.3
367	Electronic components and accessories . . . . .	331.7	330.9	327.8	352.3	356.5	218.4	216.3	214.2	233.9	237.6
3671-3	Electron tubes . . . . .	-	53.5	54.0	60.0	59.0	-	37.1	37.7	41.2	39.9
3674,9	Other electronic components . . . . .	-	277.4	273.8	292.3	297.5	-	179.2	176.5	192.7	197.7
369	Misc. electrical equipment & supplies . . . . .	123.6	119.2	114.1	122.5	118.7	96.1	91.4	86.2	84.1	90.4
3694	Engine electrical equipment . . . . .	-	61.0	58.6	63.2	60.9	-	47.7	45.4	49.2	46.9
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	1,771.7	1,690.6	1,688.7	1,842.1	1,729.6	1,263.8	1,188.3	1,181.2	1,298.1	1,181.0
371	Motor vehicles and equipment . . . . .	(*)	834.8	822.5	879.0	766.2	(*)	637.0	623.1	688.4	574.8
3711	Motor vehicles . . . . .	-	350.8	363.8	373.7	312.0	-	248.1	259.7	277.5	217.2
3712	Passenger car bodies . . . . .	-	54.0	60.6	61.1	35.7	-	44.3	51.4	52.3	24.8
3713	Truck and bus bodies . . . . .	-	38.4	35.0	39.6	39.1	-	30.6	27.1	31.6	31.4
3714	Motor vehicle parts and accessories . . . . .	-	369.0	340.8	381.0	355.5	-	296.8	268.0	309.5	283.6
3715	Truck trailers . . . . .	-	22.6	22.3	23.6	23.9	-	17.2	16.9	17.5	17.8
372	Aircraft and parts . . . . .	509.4	511.3	520.9	640.6	642.3	269.9	271.0	277.3	352.1	349.8
3721	Aircraft . . . . .	-	278.1	280.5	346.0	354.5	-	144.0	143.9	181.4	187.1
3722	Aircraft engines and engine parts . . . . .	-	144.8	149.5	180.2	172.6	-	74.7	77.8	96.4	88.7
3723,9	Other aircraft parts and equipment . . . . .	-	88.4	90.9	114.4	115.2	-	52.3	55.6	74.3	74.0
373	Ship and boat building and repairing . . . . .	(*)	162.6	164.6	160.5	159.1	(*)	132.1	133.6	127.2	126.9
3731	Ship building and repairing . . . . .	-	125.6	126.8	128.6	128.0	-	102.2	102.9	102.6	103.0

See footnotes at end of table.





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

SIC Code	Industry	(In thousands)					Production workers <sup>1</sup>				
		All employees									
		Sept. 1971 P	Aug. 1971 P	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 P	Aug. 1971 P	July 1971	Sept. 1970	Aug. 1970
	<i>Nonurable Goods--Continued</i>										
30	<b>RUBBER AND PLASTICS PRODUCTS, N.E.C.</b>	601.1	585.2	577.4	582.6	579.7	466.0	451.3	443.3	445.6	442.9
301	Tires and inner tubes.....	(*)	127.4	126.8	116.7	117.6	(*)	91.0	90.3	79.1	79.8
302,3,6	Other rubber products.....	(*)	169.7	170.1	173.0	170.7	(*)	132.1	132.3	134.7	132.7
302	Rubber footwear.....	-	26.7	26.0	24.9	23.9	-	22.9	22.4	21.5	20.7
307	Miscellaneous plastics products.....	(*)	288.1	280.5	292.9	291.4	(*)	228.2	220.7	231.8	230.4
31	<b>LEATHER AND LEATHER PRODUCTS...</b>	302.9	312.4	300.0	316.3	323.1	258.0	267.4	254.7	269.5	276.1
311	Leather tanning and finishing.....	24.7	25.4	25.7	26.2	25.6	21.4	21.9	22.2	22.6	22.0
314	Footwear, except rubber.....	201.2	210.1	200.3	210.2	216.7	173.8	182.1	172.8	182.1	188.5
312,3,5-7,9	Other leather products.....	77.0	76.9	74.0	79.9	80.8	62.8	63.0	59.7	64.8	65.6
316	Luggage.....	-	15.3	15.9	17.3	17.5	-	11.7	12.1	13.2	13.2
317	Handbags and personal leather goods.....	-	35.7	33.2	34.2	34.8	-	30.4	27.8	28.8	29.6
	<b>TRANSPORTATION AND PUBLIC UTILITIES.....</b>	4,503	4,493	4,534	4,568	4,582	3,889	3,888	3,926	3,967	3,982
	<b>RAILROAD TRANSPORTATION.....</b>	-	595.0	616.4	626.3	636.7	-	-	-	-	-
111	Class I railroads <sup>2</sup> .....	-	538.9	554.8	559.2	568.8	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSPORTATION.....</b>	-	245.0	246.8	281.4	260.9	-	-	-	-	-
41	Local and suburban transportation.....	-	68.3	68.6	76.8	75.3	-	63.9	64.4	72.3	70.9
412	Taxicabs.....	-	102.3	103.8	108.0	110.1	-	-	-	-	-
413	Intercity highway transportation.....	-	45.5	45.5	44.9	45.2	-	41.6	41.8	41.3	41.7
42	<b>TRUCKING AND WAREHOUSING.....</b>	-	1,131.8	1,133.9	1,140.8	1,126.8	-	1,020.4	1,023.2	1,033.5	1,019.8
421,3	Trucking and trucking terminals.....	-	1,045.5	1,048.2	1,054.7	1,041.8	-	946.4	949.4	959.7	946.9
422	Public warehousing.....	-	86.3	85.7	86.1	85.0	-	74.0	73.8	73.8	72.9
45	<b>TRANSPORTATION BY AIR.....</b>	-	337.1	336.3	344.1	347.4	-	-	-	-	-
451,2	Air transportation.....	-	309.9	309.1	315.3	317.7	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION.....</b>	-	18.7	18.7	17.8	18.6	-	14.8	14.8	14.1	14.9
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>	-	313.0	306.7	314.7	321.2	-	-	-	-	-
44	Water transportation.....	-	203.7	196.8	209.4	215.9	-	-	-	-	-
47	Transportation services.....	-	109.3	109.9	105.3	105.3	-	-	-	-	-
48	<b>COMMUNICATION.....</b>	-	1,120.4	1,142.5	1,137.0	1,151.6	-	874.0	896.4	891.0	905.3
481	Telephone communication.....	-	938.9	977.9	953.5	969.5	-	734.2	773.2	756.7	772.0
482	Telegraph communication <sup>3</sup> .....	-	(*)	(*)	30.3	30.6	-	(*)	(*)	20.7	21.0
483	Radio and television broadcasting.....	-	132.2	133.1	134.1	132.8	-	107.5	108.5	106.4	105.5
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	732.1	732.2	705.8	718.8	-	628.3	628.5	607.3	620.6
491	Electric companies and systems.....	-	304.7	303.4	293.4	299.3	-	260.5	259.2	250.6	256.2
492	Gas companies and systems.....	-	173.3	173.8	166.5	169.9	-	147.6	147.9	141.5	145.5
493	Combination companies and systems.....	-	194.4	195.0	191.2	194.0	-	167.6	168.5	167.2	169.9
494-7	Water, steam, & sanitary systems.....	-	59.7	60.0	54.7	55.6	-	52.6	52.9	48.0	49.0
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	15,224	15,141	15,132	14,902	14,838	13,502	13,432	13,427	13,236	13,185
50	<b>WHOLESALE TRADE.....</b>	3,858	3,887	3,877	3,841	3,858	3,218	3,250	3,239	3,225	3,243
501	Motor vehicles & automotive equipment.....	-	344.3	342.1	328.0	328.6	-	278.5	276.5	267.8	268.4
502	Drugs, chemicals, and allied products.....	-	237.4	236.7	235.5	236.6	-	190.6	190.1	190.2	190.9
503	Dry goods and apparel.....	-	152.7	151.7	152.5	152.7	-	120.6	119.8	120.1	120.6
504	Groceries and related products.....	-	563.4	564.1	552.3	550.3	-	492.7	492.7	484.3	482.0
506	Electrical goods.....	-	347.5	347.5	326.7	327.4	-	293.1	293.1	275.8	277.5
507	Hardware; plumbing & heating equipment.....	-	174.9	173.9	169.9	172.2	-	148.8	147.5	143.4	146.0
508	Machinery, equipment, and supplies.....	-	722.6	723.0	741.4	746.3	-	609.5	609.4	629.6	635.8
509	Miscellaneous wholesalers.....	-	1,248.4	1,252.5	1,235.6	1,245.2	-	1,035.5	1,039.8	1,031.0	1,040.1
52-59	<b>RETAIL TRADE.....</b>	11,366	11,254	11,255	11,061	10,980	10,284	10,182	10,188	10,011	9,942
53	<b>RETAIL GENERAL MERCHANDISE.....</b>	-	2,263.7	2,276.7	2,230.0	2,184.4	-	2,066.4	2,081.5	2,038.9	1,999.4
531	Department stores.....	-	1,495.6	1,495.2	1,455.0	1,419.6	-	1,349.4	1,369.6	1,331.5	1,300.9
532	Mail order houses.....	-	117.5	115.4	127.7	124.8	-	108.0	106.9	118.8	115.4
533	Variety stores.....	-	310.4	307.2	311.4	298.8	-	284.4	282.2	287.3	275.8
54	<b>FOOD STORES.....</b>	-	1,743.7	1,748.3	1,720.0	1,704.1	-	1,620.0	1,624.7	1,598.6	1,583.5
541-3	Grocery, meat, and vegetable stores.....	-	1,579.3	1,583.7	1,554.0	1,540.6	-	1,466.5	1,470.9	1,443.7	1,431.2

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
<b>WHOLESALE AND RETAIL TRADE (Continued)</b>											
56	APPAREL AND ACCESSORY STORES . . . . .		704.4	704.4	706.0	689.1	625.0	625.6	632.0	615.4	
561	Men's & boys' clothing & furnishings . . . . .		123.3	124.1	125.1	122.3	109.7	110.4	111.3	108.8	
562	Women's ready-to-wear stores . . . . .		267.1	265.8	261.4	258.1	238.1	237.9	234.0	231.1	
565	Family clothing stores . . . . .		100.2	101.5	102.0	100.4	92.4	93.5	94.7	92.6	
566	Shoe stores . . . . .		144.5	143.8	145.1	138.7	123.4	122.6	127.8	121.6	
57	FURNITURE AND HOME FURNISHINGS STORES		458.1	458.1	451.3	452.8	397.4	396.9	392.4	393.8	
571	Furniture and home furnishings . . . . .		291.9	291.4	286.4	287.1	251.1	250.3	247.9	248.7	
58	EATING AND DRINKING PLACES . . . . .		2,635.8	2,610.1	2,560.5	2,549.6	2,472.3	2,448.3	2,395.3	2,387.5	
52,55,59	OTHER RETAIL TRADE . . . . .		3,448.4	3,457.1	3,393.0	3,399.8	3,001.2	3,010.9	2,954.2	2,962.6	
52	Building materials and farm equipment . . . . .		563.2	565.9	544.6	555.5	485.6	488.7	466.7	478.4	
55	Automotive dealers & service stations . . . . .		1,647.3	1,651.4	1,616.4	1,624.1	-	-	-	-	
551,2	Motor vehicle dealers . . . . .		755.2	757.2	757.8	761.9	635.5	637.0	640.0	643.9	
553,9	Other automotive & accessory dealers . . . . .		254.1	253.8	234.3	237.7	218.9	219.2	200.9	205.0	
554	Gasoline service stations . . . . .		638.0	639.4	624.3	624.5	-	-	-	-	
59	Miscellaneous retail stores . . . . .		1,237.9	1,239.8	1,232.0	1,220.2	-	-	-	-	
591	Drug stores and proprietary stores . . . . .		448.1	447.8	453.0	447.7	400.2	400.6	402.6	398.0	
594	Book and stationery stores . . . . .		59.8	59.8	63.9	61.3	51.2	50.9	55.1	52.6	
596	Farm and garden supply stores . . . . .		103.9	104.5	105.3	104.3	-	-	-	-	
598	Fuel and ice dealers . . . . .		103.8	104.6	104.6	103.4	89.1	89.9	90.8	89.5	
<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>											
		3,829	3,865	3,867	3,705	3,742	3,010	3,049	3,052	2,928	2,969
60	Banking . . . . .	-	1,092.2	1,093.0	1,053.7	1,066.5	-	893.6	895.2	866.4	880.3
61	Credit agencies other than banks . . . . .	-	382.9	382.8	362.4	365.6	-	298.5	298.4	283.0	286.0
612	Savings and loan associations . . . . .	-	120.9	120.6	108.3	108.4	-	96.8	96.7	86.5	86.8
614	Personal credit institutions . . . . .	-	192.0	192.6	188.7	190.4	-	-	-	-	-
62	Security, commodity brokers & services . . . . .	-	211.6	212.5	197.5	200.8	-	179.7	180.9	167.1	170.6
63	Insurance carriers . . . . .	-	1,077.7	1,078.6	1,054.4	1,060.4	-	748.0	749.0	741.8	748.8
631	Life insurance . . . . .	-	559.4	561.4	548.8	549.9	-	330.2	331.6	328.3	330.5
632	Accident and health insurance . . . . .	-	97.4	97.5	94.4	95.1	-	83.9	84.1	81.8	82.4
633	Fire, marine, and casualty insurance . . . . .	-	371.0	370.2	366.2	369.8	-	292.3	292.2	294.6	298.2
64	Insurance agents, brokers, and service . . . . .	-	285.5	283.1	276.6	277.9	-	-	-	-	-
65	Real estate . . . . .	-	726.6	729.0	673.4	684.5	-	-	-	-	-
655	Subdividers and developers . . . . .	-	113.0	115.4	97.5	101.9	-	-	-	-	-
656	Operative builders . . . . .	-	53.0	52.5	43.7	44.5	-	-	-	-	-
66,67	Other finance, insurance, & real estate . . . . .	-	88.2	88.4	86.9	86.3	-	-	-	-	-
<b>SERVICES</b>											
		11,981	11,988	12,040	11,689	11,679	10,837	10,845	10,899	10,602	10,591
70	Hotels and other lodging places . . . . .	-	877.5	878.1	781.5	844.2	-	-	-	-	-
701	Hotels, tourist courts, and motels . . . . .	-	722.4	726.8	693.6	720.9	-	671.8	675.7	642.3	669.0
72	Personal services . . . . .	-	931.1	939.6	979.2	976.5	-	-	-	-	-
721	Laundries and dry cleaning plants . . . . .	-	473.3	478.7	501.5	505.1	-	429.2	434.5	455.1	458.5
722	Photographic studios . . . . .	-	36.6	36.5	40.7	38.2	-	31.8	31.8	35.3	32.6
73	Miscellaneous business services . . . . .	-	1,634.2	1,631.9	1,629.0	1,620.7	-	-	-	-	-
731	Advertising . . . . .	-	118.0	118.9	122.5	123.2	-	-	-	-	-
732	Credit reporting and collection . . . . .	-	79.2	79.6	77.9	77.5	-	-	-	-	-
734	Services to buildings . . . . .	-	303.2	300.6	300.3	296.5	-	-	-	-	-
76	Miscellaneous repair services . . . . .	-	182.0	180.5	181.6	180.2	-	-	-	-	-
78	Motion pictures . . . . .	-	207.6	206.9	211.7	216.3	-	-	-	-	-
781	Motion picture filming & distributing . . . . .	-	50.9	49.7	59.4	60.2	-	32.7	32.0	38.9	39.9
782,3	Motion picture theaters and services . . . . .	-	156.7	157.2	152.3	156.1	-	-	-	-	-
80	Medical and other health services . . . . .	-	3,272.6	3,270.4	3,092.1	3,086.6	-	-	-	-	-
806	Hospitals . . . . .	-	1,971.2	1,976.2	1,885.6	1,887.1	-	1,803.4	1,808.8	1,740.0	1,739.3
81	Legal services . . . . .	-	256.9	257.6	240.3	246.3	-	-	-	-	-
82	Educational services . . . . .	-	972.0	998.3	1,087.8	971.0	-	-	-	-	-
821	Elementary and secondary schools . . . . .	-	331.0	337.5	379.7	327.1	-	-	-	-	-
822	Colleges and universities . . . . .	-	523.7	545.1	601.4	543.3	-	-	-	-	-
89	Miscellaneous services . . . . .	-	677.9	679.1	667.8	677.9	-	-	-	-	-
891	Engineering & architectural services . . . . .	-	314.7	314.3	301.7	306.5	-	-	-	-	-
892	Nonprofit research agencies . . . . .	-	109.9	110.2	104.5	106.2	-	-	-	-	-

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>				
		Sept. 1971 P	Aug. 1971 P	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 P	Aug. 1971 P	July 1971	Sept. 1970	Aug. 1970
	<b>GOVERNMENT</b> .....	12,736	12,279	12,338	12,372	11,957					
91	<b>FEDERAL GOVERNMENT</b> <sup>5</sup> .....	2,669	2,690	2,688	2,649	2,675					
	Executive .....	.	2,649.8	2,647.6	2,611.9	2,637.4	-	-	.	.	.
	Department of Defense .....	.	1,001.4	1,001.4	1,013.4	1,021.9	-	-	.	.	.
	Postal Service .....	.	713.7	709.8	718.7	723.5	-	-	.	.	.
	Other agencies .....	.	934.7	936.4	879.8	892.0	-	-	.	.	.
	Legislative .....	.	32.3	32.3	29.8	30.7	-	-	.	.	.
	Judicial .....	-	7.9	7.8	6.8	6.8	-	-	.	.	.
92,93	<b>STATE AND LOCAL GOVERNMENT</b> ...	10,067	9,589	9,650	9,723	9,282					
92	State government .....	.	2,660.4	2,652.6	2,617.1	2,558.4	-	-	.	.	.
	State education .....	.	972.2	982.7	1,027.7	936.5	-	-	.	.	.
	Other State government .....	.	1,688.2	1,669.9	1,589.4	1,621.9	-	-	.	.	.
93	Local government .....	.	6,928.4	6,997.5	7,105.9	6,723.7	-	-	.	.	.
	Local education .....	.	3,515.1	3,561.3	3,912.3	3,405.6	-	-	.	.	.
	Other local government .....	-	3,413.3	3,436.2	3,193.6	3,318.1	-	-	-	-	-

<sup>1</sup> Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities; and services. Transportation and public utilities, and services are included in Total Private but are not shown separately in this table.

<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.

p=preliminary.



**ESTABLISHMENT DATA**

**SEASONALLY ADJUSTED EMPLOYMENT**

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

1967 = 100

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919 ...	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920 ...	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1921 ...	37.0	44.0	156.9	31.5	42.5	33.2	81.2	33.7	-	-	36.1	23.9	22.2	-	-
1922 ...	39.2	48.3	151.5	36.9	46.9	34.3	82.3	36.0	-	-	35.5	24.8	22.3	-	-
1923 ...	43.1	54.8	197.7	38.3	53.0	36.8	91.1	38.9	-	-	36.9	26.6	22.9	-	-
1924 ...	42.6	52.0	179.6	41.2	49.7	37.4	89.3	39.7	-	-	38.2	27.5	23.9	-	-
1925 ...	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926 ...	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927 ...	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928 ...	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929 ...	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930 ...	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931 ...	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932 ...	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933 ...	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934 ...	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935 ...	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936 ...	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937 ...	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938 ...	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939 ...	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940 ...	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941 ...	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942 ...	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943 ...	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944 ...	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945 ...	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946 ...	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947 ...	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948 ...	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949 ...	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950 ...	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951 ...	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952 ...	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953 ...	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954 ...	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955 ...	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956 ...	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957 ...	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958 ...	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959 ...	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960 ...	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961 ...	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962 ...	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963 ...	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964 ...	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965 ...	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966 ...	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967 ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 ...	103.1	101.7	98.9	102.4	101.7	103.9	101.1	103.5	102.4	103.9	104.9	105.2	103.9	100.7	105.0
1969 ...	106.7	104.1	101.0	107.1	103.7	108.2	103.9	107.6	105.9	108.2	110.5	111.2	107.1	101.4	108.8
1970 ...	107.2	100.3	101.5	104.3	99.6	111.0	105.7	109.7	108.5	110.1	114.4	115.2	110.0	99.5	113.3
1970:															
Sept ...	107.0	99.4	101.1	102.1	98.9	111.2	106.0	109.7	108.5	110.2	114.7	115.5	110.0	97.7	113.8
Oct ...	106.4	97.0	101.3	102.4	96.0	111.5	106.0	109.8	108.7	110.2	114.9	116.1	110.7	97.8	114.7
Nov ...	106.3	96.4	101.8	102.7	95.2	111.6	105.7	109.5	108.6	109.9	115.4	116.3	111.2	98.0	115.3
Dec ...	106.8	97.6	101.6	102.9	96.7	111.7	104.4	109.9	108.7	110.3	115.7	116.6	111.3	97.9	115.5
1971:															
Jan ...	107.0	97.3	102.0	102.0	96.4	112.3	105.8	110.5	109.0	111.1	116.2	116.8	111.6	97.9	115.9
Feb ...	106.9	96.7	101.5	99.7	96.1	112.4	106.2	110.7	109.1	111.2	116.2	116.9	111.8	97.9	116.2
Mar ...	107.0	96.7	101.5	101.7	95.7	112.7	106.1	110.8	109.3	111.3	116.5	117.2	112.2	97.9	116.7
Apr ...	107.2	96.9	101.6	102.3	95.8	112.8	105.7	111.0	109.3	111.6	116.9	117.3	112.6	98.1	117.1
May ...	107.5	97.1	101.5	102.1	96.2	113.1	106.0	111.3	109.7	111.9	117.5	117.4	112.8	98.1	117.4
June ...	107.3	96.6	101.0	101.5	95.7	113.1	105.6	111.2	108.9	112.1	118.0	117.8	112.6	97.1	117.5
July ...	107.1	96.1	97.4	100.6	95.3	113.0	105.0	111.4	108.8	112.3	118.0	118.0	112.4	97.2	117.2
Aug P...	107.1	95.8	99.3	100.3	95.0	113.3	104.1	111.8	109.1	112.8	118.0	118.2	112.8	97.5	117.7
Sept P...	107.6	96.5	101.0	100.9	95.7	113.6	104.5	112.1	109.0	113.2	118.5	118.4	113.2	98.5	117.9

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**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-5: Employees on nonagricultural payrolls, by industry, seasonally adjusted**

Industry division and group	(In thousands)												
	1971									1970			
	Sept. p	Aug. p	July	June	May	April	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>TOTAL . . . . .</b>	70,855	70,554	70,531	70,657	70,769	70,599	70,480	70,391	70,454	70,313	69,985	70,082	70,480
<b>GOODS-PRODUCING . . . . .</b>	22,460	22,300	22,358	22,482	22,599	22,544	22,495	22,504	22,643	22,721	22,435	22,574	23,129
<b>MINING . . . . .</b>	619	609	597	619	622	623	622	622	625	623	624	621	620
<b>CONTRACT CONSTRUCTION . . . . .</b>	3,238	3,218	3,228	3,255	3,275	3,282	3,264	3,198	3,271	3,302	3,294	3,284	3,274
<b>MANUFACTURING . . . . .</b>	18,603	18,473	18,533	18,608	18,702	18,639	18,609	18,684	18,747	18,796	18,517	18,669	19,235
<b>DURABLE GOODS . . . . .</b>	10,582	10,488	10,552	10,598	10,651	10,598	10,571	10,642	10,697	10,738	10,449	10,598	11,116
Ordnance and accessories . . . . .	189	191	191	193	196	194	195	200	208	212	217	222	230
Lumber and wood products . . . . .	590	583	579	574	570	567	566	565	563	560	564	565	567
Furniture and fixtures . . . . .	465	456	461	458	457	452	450	449	449	450	452	454	457
Stone, clay, and glass products . . . . .	634	627	625	629	633	628	622	624	626	627	626	631	637
Primary metal industries . . . . .	1,173	1,164	1,226	1,259	1,272	1,270	1,264	1,260	1,262	1,260	1,253	1,284	1,324
Fabricated metal products . . . . .	1,350	1,331	1,335	1,333	1,339	1,333	1,298	1,328	1,328	1,333	1,304	1,326	1,387
Machinery, except electrical . . . . .	1,789	1,775	1,770	1,769	1,783	1,784	1,796	1,810	1,829	1,854	1,870	1,892	1,935
Electrical equipment . . . . .	1,794	1,772	1,773	1,783	1,793	1,789	1,787	1,792	1,800	1,816	1,811	1,856	1,896
Transportation equipment . . . . .	1,749	1,747	1,751	1,759	1,768	1,745	1,753	1,771	1,782	1,773	1,497	1,506	1,811
Instruments and related products . . . . .	437	431	431	430	429	426	429	432	437	438	442	447	452
Miscellaneous manufacturing . . . . .	412	411	410	411	411	410	411	411	413	415	413	415	420
<b>NONDURABLE GOODS . . . . .</b>	8,021	7,985	7,981	8,010	8,051	8,041	8,038	8,042	8,050	8,058	8,068	8,071	8,119
Food and kindred products . . . . .	1,765	1,760	1,762	1,751	1,758	1,753	1,760	1,764	1,765	1,763	1,766	1,759	1,767
Tobacco manufactures . . . . .	74	70	69	77	78	79	77	79	79	79	80	79	79
Textile mill products . . . . .	958	958	959	956	963	958	958	959	962	961	960	963	970
Apparel and other textile products . . . . .	1,359	1,354	1,349	1,357	1,373	1,374	1,368	1,359	1,356	1,360	1,358	1,355	1,364
Paper and allied products . . . . .	686	680	676	682	681	690	689	691	693	695	697	696	702
Printing and publishing . . . . .	1,081	1,080	1,083	1,088	1,091	1,088	1,092	1,096	1,099	1,099	1,101	1,103	1,105
Chemicals and allied products . . . . .	1,008	1,005	1,008	1,016	1,024	1,021	1,021	1,026	1,030	1,033	1,037	1,043	1,048
Petroleum and coal products . . . . .	190	188	188	189	190	190	191	192	192	191	190	189	189
Rubber and plastics products, nec . . . . .	596	582	584	583	582	577	574	567	564	566	567	569	578
Leather and leather products . . . . .	304	308	303	311	311	311	308	309	310	311	312	315	317
<b>SERVICE-PRODUCING . . . . .</b>	48,395	48,254	48,173	48,175	48,170	48,055	47,985	47,887	47,811	47,592	47,550	47,508	47,351
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	4,454	4,435	4,476	4,500	4,518	4,505	4,520	4,526	4,507	4,450	4,506	4,517	4,518
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	15,255	15,213	15,158	15,135	15,148	15,107	15,074	15,059	15,039	14,952	14,902	14,946	14,931
<b>WHOLESALE TRADE . . . . .</b>	3,843	3,845	3,835	3,837	3,866	3,854	3,852	3,845	3,841	3,832	3,827	3,833	3,826
<b>RETAIL TRADE . . . . .</b>	11,412	11,368	11,323	11,298	11,282	11,253	11,222	11,214	11,198	11,120	11,075	11,113	11,105
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	3,821	3,804	3,806	3,807	3,788	3,769	3,758	3,749	3,746	3,731	3,721	3,706	3,698
<b>SERVICES . . . . .</b>	11,957	11,940	11,921	11,895	11,858	11,843	11,841	11,809	11,800	11,776	11,750	11,722	11,666
Hotels and other lodging places . . . . .	-	756	755	775	768	768	766	766	770	768	756	759	766
Personal services . . . . .	-	934	933	943	954	950	960	962	970	971	978	982	984
Medical and other health services . . . . .	-	3,260	3,241	3,231	3,222	3,198	3,186	3,169	3,157	3,140	3,126	3,112	3,095
Educational services . . . . .	-	1,137	1,142	1,155	1,167	1,168	1,168	1,153	1,147	1,151	1,147	1,147	1,138
<b>GOVERNMENT . . . . .</b>	12,908	12,862	12,812	12,838	12,858	12,831	12,792	12,744	12,719	12,683	12,617	12,617	12,538
<b>FEDERAL . . . . .</b>	2,677	2,650	2,643	2,640	2,667	2,667	2,662	2,662	2,661	2,661	2,664	2,659	2,657
<b>STATE AND LOCAL . . . . .</b>	10,231	10,212	10,169	10,198	10,191	10,164	10,130	10,082	10,058	10,022	9,953	9,958	9,881

p = preliminary.

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

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**B-6: Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
seasonally adjusted**

Industry division and group	(In thousands)												
	1971									1970			
	Sept. <sup>P</sup>	Aug. <sup>P</sup>	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>TOTAL . . . . .</b>	47,875	47,644	47,669	47,764	47,859	47,711	47,595	47,551	47,636	47,531	47,234	47,370	47,856
<b>GOODS-PRODUCING . . . . .</b>	16,664	16,526	16,565	16,667	16,766	16,706	16,626	16,614	16,747	16,798	16,493	16,608	17,153
<b>MINING . . . . .</b>	466	460	447	468	472	472	471	471	474	473	473	472	471
<b>CONTRACT CONSTRUCTION . . . . .</b>	2,684	2,668	2,678	2,703	2,725	2,732	2,707	2,636	2,722	2,748	2,741	2,730	2,719
<b>MANUFACTURING . . . . .</b>	13,514	13,398	13,440	13,496	13,569	13,502	13,448	13,507	13,551	13,577	13,279	13,406	13,963
<b>DURABLE GOODS . . . . .</b>	7,626	7,540	7,594	7,627	7,667	7,612	7,569	7,625	7,665	7,686	7,384	7,510	8,016
Ordnance and accessories . . . . .	93	94	93	95	98	97	99	102	108	111	114	118	124
Lumber and wood products . . . . .	508	502	500	495	491	488	487	486	483	480	485	486	487
Furniture and fixtures . . . . .	383	375	380	378	375	372	370	369	370	370	373	373	377
Stone, clay, and glass products . . . . .	502	499	496	499	502	498	492	494	496	497	496	501	506
Primary metal industries . . . . .	912	906	965	996	1,012	1,008	1,002	997	997	992	984	1,015	1,055
Fabricated metal products . . . . .	1,028	1,016	1,016	1,013	1,020	1,014	980	1,006	1,007	1,011	981	999	1,061
Machinery, except electrical . . . . .	1,177	1,161	1,156	1,152	1,159	1,163	1,172	1,183	1,198	1,217	1,229	1,245	1,288
Electrical equipment . . . . .	1,196	1,167	1,169	1,179	1,184	1,177	1,173	1,177	1,183	1,192	1,183	1,223	1,254
Transportation equipment . . . . .	1,244	1,242	1,244	1,246	1,253	1,225	1,225	1,237	1,245	1,236	961	965	1,269
Instruments and related products . . . . .	263	259	257	256	255	253	253	256	260	261	263	266	271
Miscellaneous manufacturing . . . . .	320	319	318	318	318	317	316	318	318	319	315	319	324
<b>NONDURABLE GOODS . . . . .</b>	5,888	5,858	5,846	5,869	5,902	5,890	5,879	5,882	5,886	5,891	5,895	5,896	5,947
Food and kindred products . . . . .	1,191	1,193	1,188	1,178	1,184	1,181	1,184	1,186	1,187	1,187	1,186	1,179	1,186
Tobacco manufactures . . . . .	61	56	56	64	65	66	64	66	65	66	67	66	66
Textile mill products . . . . .	843	841	841	838	845	840	839	841	845	842	841	844	850
Apparel and other textile products . . . . .	1,192	1,185	1,179	1,188	1,204	1,202	1,197	1,189	1,187	1,192	1,189	1,185	1,196
Paper and allied products . . . . .	526	520	515	520	519	527	526	529	531	532	535	534	540
Printing and publishing . . . . .	659	659	661	667	667	666	668	671	672	675	674	676	680
Chemicals and allied products . . . . .	579	577	582	585	588	584	583	586	588	588	592	597	602
Petroleum and coal products . . . . .	116	116	115	115	116	116	116	118	116	116	115	114	114
Rubber and plastics products, nec . . . . .	462	448	450	449	448	443	440	433	431	430	430	432	442
Leather and leather products . . . . .	259	263	259	265	266	265	262	263	264	263	266	269	271
<b>SERVICE-PRODUCING . . . . .</b>	31,211	31,118	31,104	31,097	31,903	31,005	30,969	30,937	30,889	30,733	30,741	30,762	30,703
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	3,843	3,834	3,864	3,897	3,914	3,904	3,916	3,920	3,904	3,844	3,901	3,916	3,920
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	13,538	13,496	13,457	13,433	13,458	13,411	13,385	13,360	13,341	13,272	13,243	13,284	13,270
<b>WHOLESALE TRADE . . . . .</b>	3,202	3,211	3,197	3,201	3,232	3,221	3,222	3,212	3,213	3,214	3,210	3,217	3,209
<b>RETAIL TRADE . . . . .</b>	10,336	10,285	10,260	10,232	10,226	10,190	10,163	10,148	10,128	10,058	10,033	10,067	10,061
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	3,004	2,986	2,992	3,000	2,983	2,966	2,954	2,950	2,946	2,938	2,933	2,925	2,922
<b>SERVICES . . . . .</b>	10,826	10,802	10,791	10,767	10,738	10,724	10,714	10,707	10,698	10,679	10,664	10,637	10,591

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

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970
1	ALABAMA	1,012.3	1,012.9	1,013.3	8.1	7.8	8.4	58.5	57.5	55.2	317.9	318.4	327.9
2	Birmingham	263.7	265.0	262.6	5.5	5.1	5.6	17.5	17.2	15.6	71.6	72.8	72.3
3	Huntsville	77.6	77.8	77.0	(1)	(1)	(1)	2.7	2.6	2.8	13.0	12.9	13.6
4	Mobile	100.9	101.0	105.4	(1)	(1)	(1)	6.7	6.8	6.7	21.4	21.6	25.6
5	Montgomery	70.0	69.8	69.6	(1)	(1)	(1)	5.2	5.1	5.3	10.3	10.4	10.3
6	Tuscaloosa	38.2	38.3	37.3	(1)	(1)	(1)	2.4	2.4	2.6	10.9	10.9	10.5
7	ALASKA <sup>2</sup>	104.2	107.4	104.8	2.7	2.7	3.0	8.6	9.0	9.2	10.4	13.9	13.8
8	ARIZONA	554.0	547.6	537.3	19.0	11.4	21.0	43.5	43.2	36.4	85.5	84.8	88.4
9	Phoenix	328.6	329.6	317.8	.2	.2	.2	24.5	23.9	19.7	65.9	66.0	68.7
10	Tucson	109.0	109.7	103.4	5.6	5.6	6.6	10.8	10.9	9.4	9.2	9.1	9.2
11	ARKANSAS	550.3	549.4	538.5	4.7	4.7	4.7	29.0	28.5	28.9	170.1	167.8	167.3
12	Fayetteville	27.1	26.9	26.5	(1)	(1)	(1)	1.4	1.5	1.4	7.7	7.8	7.7
13	Fort Smith	46.6	46.0	46.7	.6	.6	.6	2.2	2.3	3.2	17.3	16.5	16.7
14	Little Rock-North Little Rock	123.5	124.7	123.3	(1)	(1)	(1)	7.5	7.7	8.3	27.0	27.0	27.0
15	Pine Bluff	23.4	23.7	23.9	(1)	(1)	(1)	.8	.8	.8	5.6	5.5	5.8
16	CALIFORNIA	6,998.7	6,965.6	7,049.8	29.7	29.7	31.8	292.9	293.8	314.7	1,489.2	1,457.1	1,595.4
17	Anaheim-Santa Ana-Garden Grove	428.5	427.8	425.5	1.8	1.8	1.8	23.5	23.3	23.9	114.9	114.5	119.8
18	Bakersfield <sup>2</sup>	92.5	93.8	90.8	6.5	6.5	6.4	3.8	3.8	3.8	8.1	8.0	7.9
19	Fresno <sup>2</sup>	123.2	121.6	121.1	.7	.7	.8	5.8	5.7	5.5	20.4	18.7	20.3
20	Los Angeles-Long Beach	2,845.4	2,844.0	2,891.4	10.8	10.8	11.2	104.7	105.2	114.5	743.2	742.4	804.7
21	Modesto <sup>2</sup>	62.7	58.7	63.5	.1	.1	.1	3.8	3.8	3.6	21.8	17.6	22.9
22	Oxnard-Ventura	95.4	94.9	94.8	1.9	1.9	1.9	5.0	5.0	5.1	12.8	12.6	13.4
23	Sacramento <sup>2</sup>	268.6	266.5	265.5	.1	.1	.1	11.9	13.5	12.9	25.3	20.9	25.3
24	Salinas-Monterey	66.2	65.9	65.7	.5	.5	.5	2.4	2.4	2.6	7.9	7.9	8.0
25	San Bernardino-Riverside-Ontario	293.7	295.8	292.1	2.5	2.5	2.4	13.9	14.3	14.7	50.9	51.3	53.3
26	San Diego	391.3	388.4	389.8	.5	.5	.5	20.9	20.5	21.1	61.7	60.8	67.2
27	San Francisco-Oakland	1,249.0	1,251.5	1,271.9	1.9	1.9	1.9	57.7	60.5	62.8	196.5	193.8	210.5
28	San Jose	390.6	385.0	387.6	.1	.1	.2	17.1	17.6	18.9	129.9	123.1	131.8
29	Santa Barbara	80.5	80.4	80.9	1.0	1.0	1.0	3.0	3.0	3.6	9.8	9.8	10.4
30	Santa Rosa	52.9	52.1	52.0	.3	.3	.3	2.3	2.3	2.4	7.9	7.1	7.9
31	Stockton <sup>2</sup>	92.1	87.9	91.4	.1	.1	.1	4.6	4.6	3.6	20.8	17.5	19.8
32	Vallejo-Napa	68.2	68.4	69.2	.2	.2	.2	2.7	2.6	2.6	7.6	7.6	8.0
33	COLORADO	768.0	766.5	744.8	13.5	13.4	14.2	44.2	43.9	42.7	118.3	117.7	117.7
34	Denver	495.0	495.0	482.6	4.9	4.9	5.0	31.3	31.2	30.1	86.4	85.8	85.4
35	CONNECTICUT	1,163.3	1,171.5	1,189.4	(3)	(3)	(3)	57.9	58.6	61.0	397.7	402.9	431.2
36	Bridgeport	144.7	145.1	151.4	(3)	(3)	(3)	6.4	6.5	6.9	61.4	61.5	68.6
37	Hartford	315.8	319.4	318.9	(3)	(3)	(3)	16.8	16.8	17.1	85.1	87.9	94.2
38	New Britain	42.2	43.7	44.4	(3)	(3)	(3)	2.1	2.1	2.1	21.1	22.1	23.1
39	New Haven	156.7	158.1	157.1	(3)	(3)	(3)	9.8	9.8	9.1	38.5	38.8	40.5
40	Stamford	83.1	83.9	84.7	(3)	(3)	(3)	4.2	4.1	4.3	26.5	26.8	29.2
41	Waterbury	76.7	76.2	77.7	(3)	(3)	(3)	4.4	4.4	4.5	34.2	33.8	35.6
42	DELAWARE	209.4	210.1	212.6	(1)	(1)	(1)	12.4	12.3	13.3	69.3	69.8	70.3
43	Wilmington	186.7	188.2	189.3	(1)	(1)	(1)	11.4	11.2	12.5	65.3	67.1	66.7
44	DISTRICT OF COLUMBIA <sup>4</sup>	712.1	714.5	690.2	(1)	(1)	(1)	20.7	20.9	21.3	18.0	18.1	18.6
45	Washington SMSA	1,211.1	1,215.1	1,170.1	(1)	(1)	(1)	73.7	74.6	74.1	44.2	44.5	43.5
46	FLORIDA	2,134.2	2,135.1	2,087.5	8.1	8.1	8.6	172.2	171.2	172.4	309.5	310.1	314.5
47	Fort Lauderdale-Hollywood	168.2	167.9	167.0	(1)	(1)	(1)	21.2	21.2	22.6	18.4	18.4	19.7
48	Jacksonville	190.6	189.9	191.7	(1)	(1)	(1)	12.1	12.2	12.1	24.9	24.2	25.7
49	Miami	503.3	505.0	497.7	(1)	(1)	(1)	32.9	32.8	33.0	77.0	76.9	76.3
50	Orlando	149.2	147.1	135.8	(1)	(1)	(1)	18.7	18.3	15.2	20.7	20.3	19.5
51	Pensacola	67.6	67.6	66.4	(1)	(1)	(1)	5.0	5.1	5.2	14.5	14.4	14.4
52	Tampa-St. Petersburg	312.8	311.7	303.3	(1)	(1)	(1)	27.7	28.0	25.8	53.6	52.7	53.2
53	West Palm Beach	104.2	104.1	103.5	(1)	(1)	(1)	8.7	8.5	10.2	19.3	19.8	20.2
54	GEORGIA	1,556.4	1,548.8	1,542.1	7.1	7.0	6.9	82.9	83.2	73.7	452.5	445.7	461.5
55	Atlanta	616.1	613.0	604.3	(1)	(1)	(1)	35.1	36.2	27.3	110.0	107.6	118.8

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Aug. 1971 P	July 1971	Aug. 1970	Aug. 1971 P	July 1971	Aug. 1970	Aug. 1971 P	July 1971	Aug. 1970	Aug. 1971 P	July 1971	Aug. 1970	Aug. 1971 P	July 1971	Aug. 1970	
56.9	55.9	56.5	190.6	190.0	188.5	42.8	42.7	41.9	132.2	132.6	131.5	205.3	208.0	203.4	1
19.2	19.1	19.2	61.2	61.1	60.1	17.6	17.5	16.9	37.3	37.6	37.1	33.8	34.6	35.8	2
1.7	1.7	1.7	11.6	11.6	11.4	2.1	2.0	2.0	16.7	16.9	17.4	29.8	30.1	28.1	3
10.4	10.0	10.5	25.6	25.7	25.5	5.0	5.1	5.0	16.5	16.5	16.6	15.3	15.3	15.5	4
4.1	4.1	4.2	15.8	15.8	15.7	4.7	4.7	4.2	10.9	10.8	10.8	19.0	18.9	19.1	5
1.6	1.6	1.6	6.3	6.3	6.3	1.3	1.3	1.2	4.0	4.5	3.9	11.7	11.3	11.2	6
10.3	10.4	10.0	16.5	16.2	16.2	3.3	3.4	3.5	13.6	13.3	12.2	38.8	38.5	36.9	7
31.5	31.5	30.8	128.8	129.4	125.8	31.9	31.8	30.4	91.6	92.3	91.1	122.2	123.2	113.4	8
18.6	18.6	18.2	81.0	81.5	80.0	24.2	24.1	22.5	54.6	54.9	53.3	59.6	60.4	55.2	9
6.0	6.0	5.9	24.2	24.2	23.2	5.0	5.0	4.9	19.1	19.3	18.8	29.1	29.6	25.4	10
33.1	33.2	32.4	109.3	108.6	107.0	22.5	22.5	22.2	76.8	76.7	74.7	104.8	107.4	101.3	11
2.5	2.5	2.3	5.5	5.2	5.2	.6	.6	.6	3.5	3.5	3.4	5.9	5.8	5.9	12
2.8	2.8	2.8	9.7	9.5	9.6	1.5	1.5	1.4	7.1	7.2	6.9	5.4	5.6	5.5	13
9.5	9.6	9.5	27.5	27.5	26.9	8.8	8.8	8.6	19.1	19.3	18.8	24.1	24.8	24.2	14
3.3	3.3	3.2	4.7	4.8	4.6	.9	.9	.9	3.3	3.3	3.4	4.8	5.1	5.2	15
460.2	458.1	473.1	1,579.2	1,576.9	1,561.6	399.9	398.7	388.0	1,336.4	1,328.5	1,310.0	1,411.2	1,422.8	1,375.2	16
15.0	14.9	14.6	104.5	104.3	103.1	23.9	23.8	23.3	77.8	78.0	75.6	67.1	67.2	63.4	17
6.3	6.5	6.5	22.2	23.2	21.7	3.7	3.7	3.8	15.2	15.5	14.7	26.7	26.6	26.0	18
8.4	8.4	8.3	34.7	33.9	34.0	5.7	5.7	5.4	21.7	21.7	22.3	25.8	26.8	24.5	19
173.4	171.7	178.7	649.0	649.9	645.6	177.7	177.2	174.3	572.6	570.6	559.0	414.0	416.2	403.4	20
2.7	2.7	2.6	12.8	13.0	12.2	1.4	1.4	1.6	10.2	10.2	10.4	9.9	9.9	10.1	21
4.1	4.0	4.2	23.1	22.9	22.9	3.7	3.7	3.5	15.8	15.6	15.7	29.0	29.2	28.1	22
18.1	18.0	17.8	55.0	54.6	54.3	11.8	11.8	10.5	39.9	39.8	38.9	106.5	107.8	105.7	23
4.5	4.5	4.4	17.4	17.4	17.5	2.4	2.4	2.3	13.4	12.9	13.2	17.7	17.9	17.2	24
17.9	18.0	18.1	68.2	68.4	66.7	10.5	10.5	10.2	55.7	55.9	55.0	74.1	74.9	71.7	25
21.1	21.1	20.9	88.9	88.0	87.4	19.7	19.5	18.4	79.0	78.7	79.0	99.5	99.3	95.3	26
128.4	129.6	137.3	269.9	269.3	270.3	101.3	101.2	98.6	228.9	228.0	228.0	264.4	267.2	262.5	27
18.3	18.2	17.7	74.7	74.1	71.5	14.1	14.1	13.6	77.8	77.7	77.0	58.6	60.1	56.9	28
3.6	3.6	3.6	18.4	18.4	18.4	3.4	3.4	3.3	20.9	20.7	20.8	20.4	20.5	19.8	29
2.8	2.7	2.7	13.5	13.3	13.2	3.3	3.3	3.2	9.8	9.7	9.6	13.0	13.4	12.7	30
6.3	6.1	6.9	19.7	18.8	19.8	3.0	3.0	3.0	14.4	14.6	14.4	23.2	23.2	23.8	31
3.7	3.7	3.7	12.6	12.5	12.6	1.8	1.8	1.8	10.7	10.7	10.7	28.9	29.3	29.6	32
54.6	54.2	54.0	182.0	181.1	176.5	41.0	41.1	40.7	137.3	137.4	134.0	177.1	177.7	165.0	33
38.0	37.8	37.7	123.2	122.9	119.1	30.0	30.0	30.4	90.3	90.7	90.3	90.9	91.7	84.0	34
51.0	51.0	54.5	227.8	230.1	224.6	78.3	78.0	76.6	193.8	194.4	189.2	156.8	156.5	152.2	35
6.5	6.5	6.5	28.5	28.8	28.4	5.0	5.0	4.9	21.8	21.7	21.5	15.1	15.3	14.8	36
12.6	12.6	12.2	62.4	63.7	60.6	45.7	45.5	44.7	48.4	48.4	46.6	44.7	44.6	43.6	37
1.2	1.2	1.4	6.9	7.1	7.0	1.3	1.3	1.2	5.2	5.3	5.1	4.4	4.6	4.4	38
14.5	14.5	14.3	32.4	32.9	32.0	8.7	8.8	8.6	34.4	34.4	33.9	18.4	18.8	18.8	39
3.6	3.6	3.4	17.3	17.5	17.3	5.0	5.0	4.9	18.4	18.6	18.3	8.2	8.3	7.3	40
2.9	2.9	3.3	13.0	13.0	12.9	2.4	2.4	2.3	10.8	10.8	10.6	9.0	8.9	8.5	41
11.4	11.4	11.0	42.8	43.1	45.8	9.8	9.8	9.7	31.2	31.2	30.2	32.5	32.5	32.3	42
10.0	10.0	9.7	37.1	37.0	38.1	8.7	8.8	8.7	26.1	26.1	26.3	28.1	28.0	27.3	43
29.5	29.7	31.7	80.5	79.1	81.6	33.5	33.6	34.2	151.9	151.6	142.6	378.0	381.5	360.2	44
60.8	61.1	62.3	232.9	231.7	228.0	71.0	71.1	70.3	272.5	273.0	259.9	456.0	459.1	432.0	45
160.4	159.1	157.7	567.1	567.6	550.2	137.7	137.6	133.0	397.0	397.5	387.0	382.2	383.9	364.1	46
10.4	10.0	9.4	48.6	48.6	48.6	11.6	11.5	11.4	32.8	33.0	32.1	25.2	25.2	23.2	47
20.9	21.0	20.8	52.2	52.1	52.5	19.0	19.1	18.7	30.0	29.9	29.8	31.5	31.4	32.1	48
56.3	56.4	57.7	134.3	135.0	132.7	34.1	34.1	32.7	114.9	115.6	113.2	53.8	54.2	52.1	49
9.1	8.9	8.6	40.1	39.6	37.7	10.2	10.2	9.7	27.7	27.1	23.9	22.7	22.7	21.2	50
3.7	3.7	3.7	14.8	14.8	14.1	2.7	2.7	2.7	9.1	9.1	9.2	17.8	17.8	17.1	51
23.0	22.4	21.8	90.4	90.7	85.6	18.8	18.9	18.3	57.3	56.9	56.2	42.0	42.1	42.4	52
5.2	5.2	5.2	27.0	26.5	26.3	6.8	6.9	6.7	21.3	21.2	19.8	15.9	16.0	15.1	53
108.6	108.0	108.1	331.2	329.5	329.4	79.0	78.8	78.6	190.3	190.2	188.5	304.8	306.4	295.4	54
60.1	59.5	59.7	170.8	169.2	165.6	46.3	46.2	44.7	94.9	94.9	93.2	98.9	99.4	95.0	55

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1971 p	July 1971	Aug. 1970	Aug. 1971 p	July 1971	Aug. 1970	Aug. 1971 p	July 1971	Aug. 1970	Aug. 1971 p	July 1971	Aug. 1970
<b>GEORGIA (continued)</b>													
1	Augusta .....	88.5	88.2	86.0	(1)	(1)	(1)	6.1	5.9	4.7	29.7	29.6	29.6
2	Columbus .....	71.8	72.0	69.9	(1)	(1)	(1)	3.8	4.0	4.0	18.7	18.8	18.9
3	Macon .....	78.5	77.9	77.2	(1)	(1)	(1)	4.0	3.9	4.8	14.1	14.0	12.8
4	Savannah .....	66.5	67.1	66.4	(1)	(1)	(1)	4.5	4.4	4.8	15.5	15.4	15.7
<b>HAWAII</b>													
5	Honolulu .....	305.0	309.4	300.3	(1)	(1)	(1)	21.6	22.1	25.5	28.7	30.8	28.8
6	Honolulu .....	259.3	263.4	255.4	(1)	(1)	(1)	18.7	19.2	22.5	21.2	23.2	21.2
<b>IDAHO</b>													
7	Boise .....	220.1	217.6	211.3	3.6	3.6	3.5	12.7	12.3	12.1	40.9	39.9	40.9
8	Boise .....	45.6	45.3	42.6	(1)	(1)	(1)	2.9	2.8	2.9	5.3	5.3	5.0
<b>ILLINOIS</b>													
9	Chicago <sup>5</sup> .....	4,319.0	4,305.1	4,367.4	23.4	23.4	23.6	191.1	188.9	203.5	1,275.2	1,264.6	1,350.3
10	Chicago .....	2,976.3	2,977.8	3,006.7	4.4	4.4	4.7	121.1	119.7	127.1	881.0	878.3	936.2
11	Chicago-Northwestern Indiana .....	(*)	(*)	3,232.2	(*)	(*)	4.8	(*)	(*)	139.9	(*)	(*)	1,046.7
12	Davenport-Rock Island-Moline .....	130.4	130.4	133.1	(3)	(3)	(3)	7.3	7.2	7.4	40.5	40.6	43.0
13	Peoria .....	132.2	130.6	131.1	(3)	(3)	(3)	9.3	9.0	9.0	47.9	46.9	48.3
14	Rockford .....	(*)	106.0	108.6	(3)	(3)	(3)	(*)	4.2	4.6	(*)	50.1	53.3
<b>INDIANA</b>													
15	Evansville .....	1,821.5	1,830.7	1,857.6	7.6	7.6	7.2	78.9	76.1	85.8	683.5	692.3	720.6
16	Fort Wayne .....	90.1	91.3	89.2	1.4	1.4	1.5	4.4	4.4	4.0	33.1	35.1	33.3
17	Gary-Hammond-East Chicago <sup>5</sup> .....	119.0	119.4	121.2	(1)	(1)	(1)	5.3	5.3	5.5	42.8	42.8	45.0
18	Indianapolis .....	205.5	222.2	225.5	(1)	(1)	(1)	12.0	11.9	12.8	89.7	105.8	110.5
19	Muncie .....	412.4	410.0	421.4	(1)	(1)	(1)	18.1	17.2	19.8	123.4	120.8	128.1
20	South Bend .....	45.2	44.4	45.7	(1)	(1)	(1)	1.9	1.7	2.0	17.3	16.5	18.7
21	Terre Haute .....	93.2	92.7	95.3	(1)	(1)	(1)	3.8	3.8	4.2	31.0	30.0	32.8
22	Terre Haute .....	54.9	54.3	55.5	1.2	1.2	1.1	3.0	3.0	3.4	15.5	14.9	15.9
<b>IOWA</b>													
23	Cedar Rapids .....	878.3	873.9	881.5	3.2	3.2	3.3	46.9	45.9	48.3	206.0	203.5	213.3
24	Des Moines .....	64.2	63.7	64.9	(1)	(1)	(1)	4.0	3.9	3.6	22.7	22.6	24.4
25	Dubuque .....	128.2	127.7	128.9	(1)	(1)	(1)	6.7	6.4	6.6	24.7	24.1	24.3
26	Sioux City .....	31.9	33.9	31.7	(1)	(1)	(1)	1.9	2.0	1.6	12.1	14.0	12.5
27	Waterloo .....	41.5	40.8	41.5	(1)	(1)	(1)	2.3	2.5	1.2	9.7	8.9	10.5
28	Waterloo .....	47.5	47.8	47.8	(1)	(1)	(1)	2.5	2.4	2.5	16.4	17.1	17.1
<b>KANSAS</b>													
29	Topeka .....	670.0	668.3	665.8	10.8	10.7	11.0	32.3	31.7	33.2	127.3	126.5	128.6
30	Wichita .....	62.6	63.3	60.0	.1	.1	.1	3.0	2.9	3.3	9.9	10.0	6.8
31	Wichita .....	132.6	132.5	135.6	2.2	2.2	2.4	6.9	6.9	6.2	34.7	33.9	37.6
<b>KENTUCKY</b>													
32	Lexington .....	937.7	932.9	919.1	30.3	30.2	29.4	59.3	59.0	53.7	246.6	242.8	252.7
33	Louisville .....	80.0	77.9	79.6	(1)	(1)	(1)	4.5	4.5	5.4	16.8	15.5	17.3
34	Louisville .....	329.4	326.1	335.3	(1)	(1)	(1)	18.0	18.0	17.8	105.6	100.9	115.1
<b>LOUISIANA</b>													
35	Baton Rouge .....	1,049.3	1,050.5	1,047.3	51.1	51.0	51.1	74.4	74.4	75.8	174.7	174.6	176.0
36	Lake Charles .....	104.8	104.7	102.8	.5	.5	.5	12.1	11.8	11.9	18.1	18.1	18.5
37	Monroe .....	40.5	40.4	40.4	1.5	1.5	1.4	4.6	4.7	5.2	9.4	9.3	8.9
38	New Orleans .....	37.8	37.8	35.9	.4	.4	.4	3.3	3.2	2.9	6.5	6.6	6.2
39	Shreveport .....	375.1	373.8	372.6	13.4	13.1	13.7	24.1	23.9	23.2	53.4	54.1	53.7
40	Shreveport .....	92.9	92.5	92.3	3.6	3.6	3.8	5.5	5.5	6.0	16.8	16.7	16.5
<b>MAINE</b>													
41	Lewiston-Auburn .....	335.5	332.8	338.4	(1)	(1)	(1)	18.1	18.5	18.3	104.4	101.3	111.0
42	Portland .....	28.0	27.5	29.1	(1)	(1)	(1)	1.7	1.6	1.7	12.1	11.7	13.4
43	Portland .....	66.2	65.6	66.7	(1)	(1)	(1)	4.0	4.0	3.9	13.5	13.3	14.3
<b>MARYLAND<sup>4</sup></b>													
44	Baltimore .....	1,315.0	1,329.1	1,313.8	1.9	1.9	2.1	98.9	98.1	96.3	245.7	254.7	276.8
45	Baltimore .....	797.9	813.3	808.8	.3	.3	.3	48.8	48.5	47.3	170.0	182.5	196.3
<b>MASSACHUSETTS</b>													
46	Boston .....	2,225.5	2,219.6	2,257.8	(1)	(1)	(1)	104.9	103.3	105.0	588.4	577.8	634.2
47	Brockton .....	1,279.0	1,284.0	1,294.6	(1)	(1)	(1)	59.8	59.9	62.3	253.8	255.5	274.5
48	Fall River .....	51.9	51.0	52.4	-	-	-	2.3	2.3	2.3	14.9	14.0	16.6
49	Lawrence-Haverhill .....	46.3	44.7	46.9	(1)	(1)	(1)	(1)	(1)	(1)	20.2	18.7	20.6
50	Lowell .....	82.0	81.0	83.9	(1)	(1)	(1)	2.6	2.6	2.8	36.8	35.7	39.6
51	New Bedford .....	52.1	51.3	53.3	(1)	(1)	(1)	3.0	3.0	3.0	19.3	18.4	20.7
52	Springfield-Chicopee-Holyoke .....	56.4	54.9	56.4	(1)	(1)	(1)	1.9	1.8	2.0	24.9	23.3	25.8
53	Worcester .....	188.7	186.3	192.7	(1)	(1)	(1)	8.7	8.0	8.8	61.2	58.9	65.5
54	Worcester .....	127.6	126.9	130.5	(1)	(1)	(1)	6.2	6.3	6.7	40.8	40.0	45.1

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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			
Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	
3.8	3.8	3.8	15.7	15.6	14.9	3.1	3.1	3.1	10.3	10.4	10.4	19.8	19.8	19.5	1
3.5	3.5	3.3	14.0	13.9	13.4	4.3	4.3	4.1	9.6	9.7	9.3	17.9	17.8	16.9	2
3.4	3.4	3.6	15.3	15.2	14.4	4.4	4.4	4.3	9.2	9.1	9.5	28.1	27.9	27.8	3
7.3	7.6	7.0	14.7	14.8	15.1	3.5	3.5	3.3	9.5	9.5	9.6	11.5	11.9	10.9	4
23.8	24.0	24.4	70.8	70.9	69.3	19.2	19.2	18.4	61.1	61.5	58.5	79.8	80.9	75.4	5
20.2	20.5	20.8	60.2	60.2	59.4	17.5	17.5	16.7	51.7	52.2	49.2	69.8	70.6	65.6	6
14.8	14.9	14.4	51.8	50.9	50.1	8.6	8.4	7.9	35.7	35.5	32.8	52.0	52.1	49.6	7
3.4	3.4	3.2	11.9	11.8	11.7	3.1	3.0	2.8	7.4	7.4	6.7	11.6	11.6	10.3	8
288.0	286.6	296.2	931.3	932.2	935.2	242.1	242.7	238.3	714.0	714.3	692.2	653.9	652.5	628.1	9
209.6	209.0	214.8	663.7	665.2	663.5	189.0	189.4	186.7	524.9	525.2	511.4	382.6	386.7	362.2	10
(*)	(*)	229.4	(*)	(*)	700.5	(*)	(*)	193.0	(*)	(*)	534.0	(*)	(*)	383.8	11
7.4	7.4	7.4	29.3	29.2	29.5	5.3	5.3	5.3	18.5	18.5	18.2	22.1	22.1	22.3	12
7.2	7.2	7.3	28.1	27.9	27.4	5.4	5.4	5.4	19.4	19.2	18.8	15.0	15.0	14.8	13
(*)	3.4	3.4	(*)	20.9	20.7	(*)	3.2	3.3	(*)	14.7	14.2	(*)	9.6	9.1	14
98.6	99.9	101.7	367.3	368.1	367.9	76.1	76.2	76.8	222.9	223.6	219.2	286.6	287.0	278.4	15
5.3	5.2	5.3	19.4	19.3	19.3	3.2	3.2	3.2	14.6	14.1	14.2	8.7	8.6	8.4	16
8.6	8.8	8.6	27.6	27.7	27.5	6.8	6.8	6.7	16.0	16.0	16.2	11.9	12.0	11.7	17
14.4	14.5	14.6	36.0	36.4	37.0	6.3	6.3	6.3	23.1	23.2	22.7	24.0	24.1	21.6	18
28.6	28.5	29.4	93.2	93.5	94.0	29.0	29.2	29.5	54.4	54.6	54.2	65.7	66.2	66.4	19
2.3	2.3	2.4	9.3	9.3	8.8	1.4	1.4	1.5	5.4	5.4	5.3	7.6	7.8	7.0	20
4.8	4.8	4.9	21.1	21.1	21.1	5.1	5.1	5.0	16.4	16.5	16.8	11.0	11.4	10.5	21
4.2	4.2	4.2	13.0	13.0	13.3	1.8	1.8	1.8	6.5	6.5	6.6	9.7	9.7	9.2	22
51.3	51.2	51.5	212.9	211.2	208.4	42.8	42.7	41.9	147.6	147.1	145.2	167.7	169.1	169.8	23
3.4	3.4	3.2	13.4	13.4	13.7	3.1	3.1	3.1	9.8	9.7	9.6	7.7	7.6	7.3	24
9.6	9.6	9.7	31.3	31.7	32.4	15.6	15.6	15.1	21.9	21.8	22.1	18.3	18.5	18.7	25
1.7	1.7	1.6	7.1	7.0	6.8	1.0	1.0	1.0	5.6	5.7	5.6	2.7	2.6	2.6	26
3.1	3.2	3.2	11.7	11.6	11.5	2.1	2.1	2.0	7.2	7.1	7.4	5.5	5.5	5.6	27
2.3	2.3	2.4	10.9	10.8	10.6	1.4	1.4	1.5	7.1	7.1	7.2	6.9	6.7	6.5	28
53.6	53.7	53.6	160.6	160.1	160.0	31.2	31.4	30.6	105.6	104.9	104.3	148.6	149.3	144.5	29
6.4	7.0	7.4	13.0	13.1	12.7	4.1	4.2	4.1	10.3	10.2	10.2	16.0	16.0	15.7	30
7.6	7.6	8.0	30.5	30.6	31.7	6.7	6.8	6.9	24.6	24.8	25.2	19.5	19.9	17.7	31
59.6	60.0	59.7	185.9	186.3	182.4	36.4	36.7	35.5	142.0	141.6	138.0	177.6	176.3	167.7	32
4.4	4.4	4.3	15.9	15.8	15.6	3.7	3.7	3.5	13.6	13.4	13.3	21.1	20.6	20.2	33
23.4	23.2	23.4	72.6	73.5	70.6	17.4	17.6	17.3	49.5	49.8	47.9	42.9	43.0	43.3	34
93.8	93.4	94.2	228.2	228.8	229.4	50.7	50.8	49.6	160.7	161.3	163.0	215.7	216.2	208.2	35
5.3	5.3	5.4	21.6	21.5	21.3	5.9	5.8	5.5	14.5	14.5	14.3	26.9	27.2	25.4	36
3.0	2.9	3.0	8.6	8.6	8.5	1.5	1.5	1.4	6.0	6.0	5.9	5.9	5.9	6.1	37
2.2	2.2	2.3	9.9	9.9	9.6	2.4	2.4	2.4	5.5	5.5	5.3	7.6	7.6	6.8	38
46.0	45.4	47.3	90.5	90.5	89.4	22.9	22.9	22.9	66.0	65.4	66.1	58.8	58.5	56.3	39
9.3	9.3	9.4	23.1	23.1	22.8	4.5	4.6	4.4	15.1	14.9	14.6	15.0	14.8	14.8	40
17.9	17.9	18.2	68.0	67.8	68.4	12.9	12.9	12.5	46.6	46.3	46.4	67.6	68.1	63.6	41
1.0	1.0	.9	6.1	6.1	6.1	.9	.9	.9	4.2	4.2	4.2	2.0	2.0	1.9	42
5.7	5.6	5.4	17.6	17.5	18.4	5.7	5.7	5.5	11.6	11.6	11.8	8.1	7.9	7.4	43
83.1	83.9	82.1	320.2	320.4	306.1	72.7	72.6	70.7	250.8	250.5	241.9	241.7	247.0	237.8	44
58.2	59.0	57.9	180.8	180.7	175.9	45.0	45.0	44.2	141.0	141.1	136.8	153.8	156.2	150.1	45
121.3	119.8	119.4	480.9	484.7	483.0	130.5	131.9	131.8	485.5	489.4	479.3	314.0	312.7	305.1	46
76.8	76.6	76.7	294.2	296.5	293.2	94.7	95.6	96.1	317.4	318.6	312.3	182.3	181.3	179.5	47
4.0	4.0	4.1	13.0	12.9	12.5	1.5	1.5	1.5	7.5	7.6	7.2	8.7	8.7	8.2	48
2.2	2.1	2.0	9.9	9.9	10.0	(1)	(1)	(1)	9.2	9.2	9.3	4.8	4.8	5.0	49
2.7	2.6	2.6	14.9	14.9	14.9	2.4	2.4	2.4	11.2	11.2	11.0	11.4	11.6	10.6	50
2.3	2.3	2.3	11.1	11.1	11.1	1.5	1.5	1.5	8.1	8.1	7.9	6.8	6.9	6.8	51
3.4	3.4	3.3	11.1	11.2	10.8	(1)	(1)	(1)	10.0	10.1	9.6	5.1	5.1	4.9	52
8.9	8.8	8.8	38.6	39.0	39.5	9.6	9.6	9.6	35.5	35.7	34.9	26.2	26.3	25.6	53
7.0	7.0	7.0	26.6	26.5	25.8	7.0	7.0	7.2	23.1	23.1	22.2	16.9	17.0	16.5	54

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970
1	MICHIGAN.....	2,905.6	2,912.8	2,946.4	8.1	12.9	12.8	114.0	115.8	115.6	1,019.6	1,005.5	1,056.6
2	Ann Arbor.....	102.4	102.8	99.6	(1)	(1)	(1)	2.4	2.7	2.9	37.4	37.5	32.0
3	Battle Creek.....	61.6	61.6	61.3	(1)	(1)	(1)	1.9	1.9	1.9	25.1	25.3	25.4
4	Bay City.....	30.1	29.8	31.2	(1)	(1)	(1)	1.6	1.6	1.4	10.5	10.3	11.7
5	Detroit.....	1,461.6	1,455.9	1,474.0	.8	.8	.9	60.2	61.3	57.6	524.0	508.8	538.4
6	Flint.....	156.0	154.8	156.8	(1)	(1)	(1)	3.7	3.8	5.5	73.9	71.3	70.4
7	Grand Rapids.....	189.3	189.8	191.3	(1)	(1)	(1)	8.8	8.5	9.6	67.9	68.4	72.7
8	Jackson.....	45.0	44.6	45.8	(1)	(1)	(1)	1.8	1.7	1.8	16.4	16.1	17.0
9	Kalamazoo.....	71.9	69.3	72.0	(1)	(1)	(1)	3.5	3.3	3.2	26.3	25.4	28.1
10	Lansing.....	115.2	125.2	122.1	(1)	(1)	(1)	7.4	7.4	7.0	26.6	36.8	32.3
11	Muskegon-Muskegon Heights.....	48.8	47.8	51.3	(1)	(1)	(1)	1.5	1.5	1.8	21.4	20.5	24.6
12	Saginaw.....	73.5	72.6	73.3	(1)	(1)	(1)	3.9	3.8	3.2	31.0	30.2	32.0
13	MINNESOTA.....	1,309.2	1,308.1	1,324.4	15.6	15.5	15.5	73.0	69.5	77.8	308.9	305.2	330.0
14	Duluth-Superior.....	54.6	56.2	57.4	(1)	(1)	(1)	2.8	2.5	3.2	7.4	9.4	9.9
15	Minneapolis-St. Paul.....	777.1	774.9	788.2	(1)	(1)	(1)	40.1	37.0	43.6	195.6	194.5	207.6
16	MISSISSIPPI.....	587.1	585.9	577.7	6.6	6.5	6.6	35.4	36.1	37.7	188.2	186.9	182.3
17	Jackson.....	93.3	93.3	91.1	.7	.7	.7	5.9	6.2	5.9	14.0	13.9	13.6
18	MISSOURI.....	1,616.5	1,629.5	1,647.4	8.0	8.2	9.0	73.2	74.6	75.4	418.6	418.1	446.5
19	Kansas City.....	517.6	519.5	502.0	.5	.5	.5	29.1	28.5	19.1	117.7	120.2	125.1
20	St. Joseph.....	31.5	31.6	32.7	(3)	(3)	(3)	1.8	1.7	2.2	9.3	9.3	10.2
21	St. Louis.....	884.2	888.8	902.0	2.2	2.2	2.3	41.2	41.9	44.2	259.5	257.1	274.8
22	Springfield.....	56.7	55.5	57.4	.1	.1	.1	2.4	2.3	3.1	16.2	15.1	16.0
23	MONTANA.....	207.2	207.1	211.6	4.2	4.4	7.4	12.6	12.8	13.7	22.2	22.2	24.6
24	Billings.....	30.2	29.8	29.7	(1)	(1)	(1)	1.8	1.8	2.0	3.4	3.4	3.2
25	Great Falls.....	24.3	24.3	25.6	(1)	(1)	(1)	2.0	2.0	2.4	1.5	1.5	3.0
26	NEBRASKA.....	483.9	483.6	479.8	2.0	2.0	1.7	25.8	24.4	28.3	83.0	82.3	85.7
27	Lincoln.....	71.6	71.6	70.2	-	-	-	4.6	4.4	4.1	10.9	10.8	10.7
28	Omaha.....	210.6	210.5	208.8	(3)	(3)	(3)	10.8	9.8	12.7	36.8	36.7	39.2
29	NEVADA.....	214.0	213.6	205.2	4.1	3.5	4.3	12.3	12.6	12.0	8.6	8.5	8.4
30	Las Vegas.....	116.7	116.7	110.8	.2	.2	.1	7.2	7.4	7.2	4.2	4.3	4.2
31	Reno.....	61.2	61.3	57.3	.2	.2	.2	3.9	3.9	3.7	3.0	3.1	2.9
32	NEW HAMPSHIRE.....	269.9	266.3	273.9	.4	.4	.4	13.1	13.2	14.1	85.3	82.4	92.0
33	Manchester.....	49.5	47.5	49.5	(1)	(1)	(1)	2.5	2.5	2.7	16.7	14.7	16.5
34	NEW JERSEY.....	2,610.1	2,616.1	2,626.6	3.5	3.5	3.5	127.6	128.7	128.0	821.1	817.5	864.1
35	Atlantic City.....	73.1	71.4	70.0	-	-	-	3.3	3.6	3.7	10.6	10.5	10.6
36	Camden <sup>6</sup> .....	259.4	259.7	251.5	.1	.1	.1	15.0	14.9	15.1	71.9	71.4	71.5
37	Jersey City <sup>7</sup> .....	252.7	251.9	259.1	-	-	-	7.1	7.4	7.6	102.5	101.8	107.9
38	Long Branch.....	123.7	124.5	123.2	.1	.1	.1	5.9	6.1	6.4	21.1	20.6	21.8
39	Newark <sup>7</sup> .....	783.7	785.9	792.4	.8	.8	.7	36.1	36.2	34.9	231.3	232.3	246.5
40	Paterson-Clifton-Passaic <sup>7</sup> .....	505.4	507.2	506.4	.3	.2	.3	24.1	24.3	23.5	180.0	178.6	187.6
41	Perth Amboy <sup>7</sup> .....	275.5	275.4	278.1	.9	.9	.9	13.5	13.5	14.1	107.6	107.4	115.8
42	Trenton.....	131.8	133.2	132.2	(1)	(1)	(1)	4.1	4.1	4.2	37.5	37.3	40.0
43	NEW MEXICO.....	299.6	299.9	292.8	16.2	15.7	17.4	18.8	18.5	16.8	21.7	21.5	21.6
44	Albuquerque.....	112.7	112.5	107.5	(1)	(1)	(1)	8.4	8.3	7.6	9.5	9.6	9.5
45	NEW YORK.....	(*)	7,113.1	7,223.2	(*)	8.5	8.5	(*)	289.9	294.9	(*)	1,639.7	1,771.8
46	Albany-Schenectady-Troy.....	276.7	277.1	282.3	(1)	(1)	(1)	15.3	15.1	15.9	58.5	58.3	61.6
47	Binghamton.....	99.7	98.9	104.6	(1)	(1)	(1)	4.3	4.2	5.3	39.5	38.7	43.2
48	Buffalo.....	471.0	475.3	500.7	(1)	(1)	(1)	20.0	18.9	22.2	146.8	150.0	171.4
49	Elmira.....	36.6	36.4	38.4	(1)	(1)	(1)	1.8	1.8	2.4	14.2	14.0	15.6
50	Monroe County <sup>8</sup> .....	301.3	302.6	309.2	(1)	(1)	(1)	16.0	16.4	13.6	124.3	124.0	133.2
51	Nassau and Suffolk Counties <sup>9</sup> .....	728.1	739.3	735.0	(1)	(1)	(1)	43.4	43.6	41.0	138.7	138.6	152.5
52	New York-Northeastern New Jersey.....	(*)	6,643.1	6,708.4	(*)	4.6	4.5	(*)	266.1	258.6	(*)	1,559.9	1,668.3
53	New York SMSA <sup>7</sup> .....	(*)	4,819.8	4,873.1	(*)	2.6	2.6	(*)	185.1	178.5	(*)	939.0	1,010.4
54	New York City <sup>9</sup> .....	(*)	3,700.7	3,766.9	(*)	1.9	1.9	(*)	114.4	112.5	(*)	714.3	770.4
55	Rochester.....	342.8	342.8	352.1	(1)	(1)	(1)	17.5	17.9	15.2	139.0	137.1	147.7
56	Rockland County <sup>9</sup> .....	66.0	65.8	64.7	(1)	(1)	(1)	4.5	4.5	4.2	14.7	14.6	15.2
57	Syracuse.....	223.2	224.1	222.6	(1)	(1)	(1)	11.2	11.3	10.7	60.0	59.6	62.2
58	Utica-Rome.....	110.7	112.3	116.1	(1)	(1)	(1)	5.3	5.2	4.8	35.9	37.0	40.7
59	Westchester County <sup>9</sup> .....	309.3	314.7	306.6	(1)	(1)	(1)	23.2	22.6	20.9	70.9	71.5	72.3

See footnotes at end of table.



ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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			
Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	
151.3	151.9	152.2	594.4	599.5	590.0	121.9	122.1	120.5	423.2	424.9	426.5	473.1	480.2	472.2	1
2.4	2.4	2.5	12.7	12.5	12.7	2.6	2.5	2.4	10.6	10.7	11.3	34.4	34.3	35.7	2
2.5	2.5	2.7	9.7	9.6	9.4	3.5	3.5	3.5	8.0	8.0	7.8	10.9	10.9	10.7	3
1.4	1.4	1.8	7.2	7.2	7.2	.8	.9	.8	3.8	3.8	3.8	4.7	4.7	4.5	4
84.5	84.8	82.8	297.9	302.2	298.7	69.9	70.0	69.6	223.2	224.9	224.0	201.0	203.1	202.1	5
5.4	5.6	4.9	31.5	32.1	34.3	4.3	4.4	4.3	16.6	17.3	16.6	20.5	20.3	20.9	6
9.8	9.8	10.5	45.6	45.6	43.4	7.3	7.3	7.5	26.9	27.0	26.3	23.0	23.1	21.4	7
3.7	3.7	4.3	8.5	8.4	8.3	1.5	1.5	1.5	5.3	5.3	5.1	8.0	8.0	7.8	8
2.5	2.5	2.7	15.0	13.9	13.6	2.4	2.3	2.3	9.3	9.2	9.1	13.0	12.6	13.0	9
3.1	3.2	3.3	21.7	22.5	22.0	5.7	5.8	5.7	14.0	12.3	15.0	36.7	37.2	36.8	10
2.6	2.6	2.7	8.8	8.6	8.5	1.3	1.3	1.3	6.6	6.6	6.2	6.5	6.6	6.2	11
3.0	3.0	3.7	14.4	14.4	14.1	2.8	2.8	2.5	9.2	9.2	9.0	9.2	9.2	8.7	12
90.5	90.7	87.2	312.0	312.9	310.7	65.2	64.9	64.5	212.7	213.7	213.4	231.3	235.8	225.1	13
7.6	7.7	7.9	13.3	13.3	13.2	1.9	1.9	1.9	11.1	10.9	11.0	10.6	10.5	10.2	14
58.4	58.4	54.2	185.3	186.3	187.9	48.0	47.7	47.9	140.7	141.1	142.2	108.9	109.9	104.7	15
30.0	30.0	30.2	108.7	108.3	106.8	21.5	21.5	21.3	69.5	70.5	68.9	127.4	126.0	123.9	16
6.0	6.0	6.0	22.6	22.4	22.3	7.2	7.2	7.2	15.6	15.5	15.2	21.3	21.3	20.3	17
121.4	123.2	128.2	366.7	368.8	376.2	91.1	91.1	89.0	261.2	261.0	259.4	276.3	284.5	263.7	18
49.5	49.8	51.5	129.5	129.6	124.7	33.8	33.8	32.9	86.1	85.5	81.5	71.4	71.6	66.7	19
2.0	2.0	2.1	7.7	7.7	7.8	1.5	1.5	1.3	5.0	5.1	4.9	4.2	4.3	4.2	20
66.1	65.8	68.3	195.7	194.9	193.0	47.7	47.7	47.6	151.3	152.3	150.3	120.5	126.9	121.5	21
4.7	4.7	4.5	14.1	14.0	14.9	2.3	2.2	2.1	9.2	9.2	9.3	7.7	7.9	7.4	22
17.7	17.8	17.9	51.9	51.4	50.8	8.4	8.4	8.2	35.1	35.3	35.7	55.1	54.8	53.3	23
2.7	2.7	2.6	9.5	9.4	9.3	1.5	1.5	1.5	6.1	6.1	6.0	5.2	4.9	5.1	24
2.1	2.1	2.1	6.7	6.7	6.4	1.5	1.5	1.5	4.9	4.9	5.0	5.6	5.6	5.2	25
36.9	37.1	37.9	123.9	123.6	119.8	30.3	30.5	29.3	82.5	82.7	81.5	99.5	101.0	95.7	26
5.1	5.1	5.2	14.8	14.8	14.4	5.7	5.7	5.4	11.0	11.3	11.3	19.5	19.6	19.0	27
20.7	20.7	20.9	55.1	54.7	53.3	17.3	17.4	16.8	38.3	38.7	37.8	31.7	32.6	28.2	28
14.5	14.5	14.1	42.0	41.9	40.0	8.4	8.3	8.0	86.3	86.5	81.4	37.8	37.8	37.0	29
7.7	7.5	7.4	23.0	22.9	21.5	4.3	4.3	4.1	53.4	53.4	50.0	16.7	16.7	16.3	30
5.0	5.0	4.8	13.7	13.6	12.9	3.2	3.2	3.0	22.4	22.5	20.2	9.8	9.8	9.6	31
11.9	11.9	11.8	53.0	52.8	52.4	11.8	11.8	11.4	57.0	56.3	55.9	37.4	37.5	35.9	32
3.6	3.5	3.5	11.2	11.3	11.6	3.3	3.3	3.3	8.1	8.1	8.0	4.1	4.1	3.9	33
179.1	178.7	183.4	552.9	554.9	535.5	124.1	124.3	120.4	431.6	435.4	428.3	370.2	373.1	363.4	34
3.8	3.8	3.8	21.6	20.8	20.1	2.9	2.9	2.9	18.7	17.7	17.5	12.2	12.1	11.4	35
13.5	13.3	13.1	62.8	63.4	58.4	10.1	10.1	9.4	38.9	39.2	38.7	47.1	47.3	45.2	36
34.3	34.3	35.1	40.0	39.9	38.6	8.3	8.4	8.7	30.3	30.3	30.6	30.2	29.8	30.6	37
6.4	6.3	6.2	31.1	31.8	29.2	4.4	4.4	4.2	28.1	28.3	28.5	26.6	26.9	26.8	38
62.9	62.2	64.2	151.3	151.6	149.2	57.6	57.6	56.0	138.6	139.5	137.9	105.1	105.7	103.0	39
25.8	26.0	27.0	123.2	125.0	119.1	20.3	20.3	19.5	78.2	78.6	78.4	53.5	54.2	51.0	40
14.5	14.4	15.1	56.0	56.0	52.5	6.4	6.4	6.1	32.6	32.7	31.1	44.0	44.1	42.5	41
6.6	6.5	6.6	20.0	20.2	20.1	5.3	5.4	5.3	28.8	29.7	27.8	29.5	30.0	28.2	42
20.4	20.5	20.1	63.5	63.3	61.9	13.0	13.0	12.5	56.8	56.6	56.3	89.2	90.8	86.2	43
7.0	7.0	6.9	27.4	27.3	26.7	6.9	6.9	6.6	25.8	25.7	25.2	27.7	27.7	25.0	44
(*)	495.5	507.4	(*)	1,447.8	1,439.5	(*)	608.1	607.4	(*)	1,389.2	1,375.1	(*)	1,234.4	1,218.7	45
15.0	16.5	16.4	57.4	56.9	56.0	11.5	11.5	11.2	49.8	48.9	48.0	69.1	70.0	73.2	46
4.4	4.4	4.7	17.7	17.8	18.1	3.3	3.3	3.3	12.2	12.2	12.3	18.3	18.3	17.9	47
29.0	31.6	33.1	100.7	100.4	101.5	19.8	19.9	19.8	78.0	78.1	76.6	76.7	76.3	76.0	48
1.4	1.5	1.6	7.7	7.7	7.5	1.0	1.0	1.0	5.6	5.7	5.6	4.9	4.8	4.7	49
10.9	10.9	11.3	53.2	53.2	53.0	11.7	11.7	11.7	52.4	52.6	51.1	32.7	33.8	35.3	50
29.5	34.7	33.0	199.0	201.6	192.5	35.1	35.0	34.1	146.0	144.9	139.7	136.4	140.8	142.4	51
(*)	512.9	525.4	(*)	1,374.1	1,356.0	(*)	610.0	607.8	(*)	1,283.3	1,271.5	(*)	1,032.2	1,016.3	52
(*)	375.6	384.0	(*)	1,000.7	996.5	(*)	517.8	517.5	(*)	1,001.5	994.4	(*)	797.6	789.3	53
(*)	318.2	328.4	(*)	716.1	722.4	(*)	466.1	466.9	(*)	774.9	776.9	(*)	594.8	587.4	54
12.6	12.5	12.9	60.7	60.8	60.7	12.4	12.4	12.5	57.4	57.6	55.9	43.3	44.5	47.3	55
3.2	3.2	3.3	13.6	13.7	12.8	2.1	2.1	2.0	10.9	10.9	10.8	16.9	16.7	16.3	56
14.1	14.7	14.6	50.2	50.2	49.0	13.1	13.1	12.7	37.0	37.0	36.1	37.7	38.2	37.3	57
4.7	4.9	5.5	19.6	19.8	19.9	4.8	4.8	4.8	15.3	15.3	15.1	25.1	25.3	25.4	58
16.9	19.3	19.3	68.7	70.3	68.8	14.4	14.5	14.5	70.6	71.5	67.7	44.5	45.1	43.1	59

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1971 P	July 1971	Aug. 1970	Aug. 1971 P	July 1971	Aug. 1970	Aug. 1971 P	July 1971	Aug. 1970	Aug. 1971 P	July 1971	Aug. 1970
1	<b>NORTH CAROLINA</b> .....	1,768.6	1,765.2	1,773.8	3.7	3.8	4.0	96.7	97.7	98.2	708.9	704.2	724.4
2	Asheville .....	-	-	-	(1)	(1)	(1)	-	-	-	19.1	19.0	19.5
3	Charlotte .....	179.3	179.0	181.4	(1)	(1)	(1)	11.9	11.9	12.5	41.9	41.6	43.0
4	Greensboro-Winston-Salem-High Point	261.9	261.7	263.1	(1)	(1)	(1)	14.8	15.2	14.9	111.1	110.0	114.4
5	Raleigh .....	-	-	-	-	-	-	-	-	-	13.8	13.4	14.2
6	<b>NORTH DAKOTA</b> .....	169.3	170.9	164.5	1.9	1.9	1.7	16.8	16.7	13.1	9.4	9.6	9.9
7	Fargo-Moorhead .....	42.8	43.1	40.9	.1	.1	.1	4.0	3.9	3.4	3.2	3.2	3.0
8	<b>OHIO</b> .....	3,817.5	3,831.4	3,887.9	22.5	22.5	21.4	166.5	164.8	179.1	1,314.6	1,318.9	1,415.0
9	Akron .....	241.1	240.7	243.9	.3	.3	.3	9.0	9.0	9.2	91.6	91.3	98.5
10	Canton .....	135.0	136.1	138.8	.4	.4	.4	5.5	5.4	5.7	57.0	58.0	62.5
11	Cincinnati .....	505.1	506.0	509.6	.4	.4	.4	21.3	21.2	22.4	158.1	157.9	170.2
12	Cleveland .....	839.3	842.2	853.7	1.5	1.5	1.5	36.4	36.5	38.1	268.3	268.5	289.9
13	Columbus .....	375.7	373.4	380.0	.8	.8	.8	18.2	18.1	19.8	83.4	82.7	90.8
14	Dayton .....	317.0	320.3	331.6	.5	.5	.5	12.5	12.3	13.3	109.6	111.6	129.0
15	Toledo .....	240.6	240.8	240.4	.3	.3	.3	9.2	9.4	9.6	79.2	77.5	82.2
16	Youngstown-Warren .....	195.5	203.5	202.6	.3	.3	.3	8.0	7.9	9.4	82.7	90.2	91.7
17	<b>OKLAHOMA</b> .....	774.9	774.7	774.3	37.4	37.7	39.5	39.9	39.9	40.6	133.0	133.0	137.8
18	Oklahoma City .....	262.8	262.3	257.8	6.8	6.8	7.0	15.2	15.2	14.8	37.2	37.0	39.1
19	Tulsa .....	177.2	177.4	179.3	13.5	13.5	13.4	8.3	8.3	8.9	39.6	39.8	42.3
20	<b>OREGON</b> .....	747.8	733.4	722.3	1.7	1.6	1.5	33.9	31.2	32.5	189.7	181.4	184.1
21	Eugene .....	71.6	69.7	70.3	(1)	(1)	(1)	3.5	3.3	3.7	20.9	19.3	20.1
22	Portland .....	394.2	388.5	381.9	(1)	(1)	(1)	19.7	17.9	19.1	89.2	87.3	87.6
23	Salem .....	60.9	55.7	60.2	(1)	(1)	(1)	2.3	2.2	2.8	16.8	11.5	16.3
24	<b>PENNSYLVANIA</b> .....	4,260.4	4,272.8	4,366.7	41.4	41.2	40.5	211.4	198.5	220.5	1,423.3	1,434.2	1,527.9
25	Allentown-Bethlehem-Easton .....	211.8	210.4	217.6	.5	.5	.5	8.0	7.8	8.4	98.1	95.9	105.2
26	Altoona .....	47.8	48.3	48.9	(1)	(1)	(1)	2.4	2.3	2.6	14.9	15.3	15.5
27	Delaware Valley <sup>10</sup> .....	1,500.6	1,492.5	1,541.3	1.5	1.5	1.5	83.7	81.1	81.2	440.3	440.3	474.3
28	Erie .....	98.1	96.9	98.1	(1)	(1)	(1)	4.6	3.8	4.4	42.6	42.3	43.5
29	Harrisburg .....	177.4	177.0	177.4	(1)	(1)	(1)	9.4	8.9	9.0	39.0	38.9	40.1
30	Johnstown .....	73.7	78.1	78.7	5.5	5.5	5.3	3.4	3.4	3.2	19.7	23.8	25.3
31	Lancaster .....	123.0	121.9	122.6	(1)	(1)	(1)	7.2	7.0	7.1	53.2	52.3	56.4
32	Philadelphia .....	1,759.8	1,752.6	1,792.3	1.6	1.6	1.6	98.7	96.0	96.3	512.0	512.0	545.3
33	Pittsburgh .....	862.4	863.9	879.9	10.0	10.0	9.0	48.7	46.2	47.8	259.4	262.6	280.8
34	Reading .....	123.9	121.1	123.1	(1)	(1)	(1)	4.7	4.3	4.9	55.6	53.5	57.1
35	Scranton .....	85.8	84.0	85.6	.4	.4	.4	3.0	2.8	3.0	32.8	31.5	33.3
36	Wilkes-Barre-Hazleton .....	123.9	122.0	123.4	1.8	1.8	2.0	6.3	5.9	6.5	53.2	51.8	51.9
37	York .....	132.6	131.6	135.3	(1)	(1)	(1)	9.1	8.8	11.4	59.6	58.7	61.9
38	<b>RHODE ISLAND</b> .....	337.9	334.1	340.2	(1)	(1)	(1)	15.4	15.4	15.9	114.7	111.6	117.5
39	Providence-Pawtucket-Warwick .....	351.1	346.1	353.4	(1)	(1)	(1)	15.7	15.7	16.3	132.0	127.6	135.1
40	<b>SOUTH CAROLINA</b> .....	854.6	851.8	840.8	1.7	1.7	1.7	56.1	56.7	52.6	336.5	330.9	340.7
41	Charleston .....	86.9	86.7	86.2	(1)	(1)	(1)	5.6	5.6	5.7	13.3	13.6	14.5
42	Columbia .....	113.0	113.0	109.1	(1)	(1)	(1)	8.7	8.8	7.9	19.7	19.6	20.4
43	Greenville .....	119.5	119.4	122.0	(1)	(1)	(1)	9.0	9.1	9.2	53.1	52.3	55.1
44	<b>SOUTH DAKOTA</b> .....	182.0	182.4	178.0	2.3	2.3	2.3	9.1	9.1	8.7	16.5	16.5	15.9
45	Sioux Falls .....	35.6	35.4	35.1	(1)	(1)	(1)	2.1	2.1	2.0	6.3	6.2	6.1
46	<b>TENNESSEE</b> .....	1,358.9	1,356.1	1,325.5	7.3	7.2	7.3	75.0	75.2	64.2	464.7	463.7	467.1
47	Chattanooga .....	132.6	132.2	126.2	.3	.3	.3	6.4	6.7	5.7	52.9	52.8	51.1
48	Knoxville .....	143.6	144.9	147.3	1.9	2.0	1.8	7.3	7.4	6.1	45.3	46.1	48.9
49	Memphis .....	(*)	280.7	276.4	(*)	.3	.3	(*)	18.8	15.6	(*)	57.4	59.2
50	Nashville .....	222.0	222.5	224.0	(1)	(1)	(1)	13.9	13.9	14.0	57.7	58.6	61.5
51	<b>TEXAS</b> .....	3,643.1	3,644.5	3,646.0	104.7	105.5	106.4	209.4	213.0	232.4	704.2	706.1	740.9
52	Amarillo .....	-	-	-	-	-	-	-	-	-	7.5	7.5	7.3
53	Austin .....	117.2	115.7	109.1	(1)	(1)	(1)	9.0	9.0	8.6	12.0	11.8	11.8
54	Beaumont-Port Arthur-Orange .....	106.0	106.1	107.5	(1)	(1)	(1)	6.5	7.1	9.1	37.2	36.8	36.4
55	Corpus Christi .....	-	-	-	-	-	-	-	-	-	11.3	11.4	11.6

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

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			
Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	
95.2	92.2	93.7	320.0	320.5	318.6	71.1	70.8	70.8	218.2	220.9	215.5	254.8	255.1	248.6	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
17.9	17.9	19.1	46.6	46.9	47.3	13.7	13.6	13.2	27.1	27.1	26.0	20.1	20.0	20.3	3
16.1	15.9	16.3	47.4	47.6	47.9	13.1	13.2	12.7	32.5	32.5	31.1	26.9	27.3	25.8	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
12.2	12.2	12.4	45.4	45.5	45.1	7.3	7.4	7.1	28.9	29.0	28.7	47.5	48.6	46.6	6
3.1	3.2	3.2	12.8	12.7	12.6	2.5	2.5	2.4	7.8	8.0	7.7	9.3	9.6	8.5	7
234.2	233.3	231.7	780.4	782.9	774.3	166.5	166.4	161.3	590.6	592.7	571.9	542.3	550.0	533.4	8
14.7	14.9	15.0	48.5	48.4	48.1	7.5	7.5	7.2	37.2	37.0	34.7	32.2	32.4	30.9	9
7.2	7.1	7.3	25.9	26.0	25.8	5.1	5.1	4.8	21.1	21.1	19.8	13.0	13.1	12.5	10
37.9	37.5	37.4	108.0	108.6	106.9	27.7	27.7	27.0	82.6	82.7	78.9	69.2	70.1	66.5	11
54.1	54.1	53.4	184.4	185.7	182.6	44.3	44.5	43.2	144.1	144.2	138.3	106.2	107.1	106.7	12
22.0	21.9	21.7	80.8	80.5	79.6	26.1	26.1	25.9	68.1	68.2	64.8	76.2	75.2	76.6	13
13.1	13.2	12.9	62.5	62.5	60.7	10.6	10.7	10.0	50.5	50.6	48.6	57.8	58.9	56.5	14
18.0	18.1	18.1	53.0	53.4	52.9	8.5	8.5	8.2	40.4	40.6	38.8	32.0	33.0	30.3	15
10.3	10.3	10.3	38.9	39.2	38.2	6.1	6.2	5.9	29.0	29.1	27.5	20.2	20.4	19.2	16
52.8	52.7	53.4	171.8	170.9	168.9	37.3	37.5	37.0	120.2	119.9	118.5	182.5	183.1	178.6	17
17.3	17.3	17.3	59.4	59.3	58.2	16.0	16.0	15.6	40.2	40.3	38.7	70.7	70.4	67.1	18
15.0	15.1	15.6	41.2	41.0	40.4	9.6	9.5	9.5	31.9	32.0	31.1	18.1	18.2	18.1	19
47.9	47.6	49.3	171.3	169.4	164.1	37.3	37.3	36.3	122.6	122.0	116.0	143.4	142.9	138.5	20
4.2	4.3	4.3	15.0	14.9	14.5	3.0	3.0	2.9	10.0	10.0	9.6	15.0	14.9	15.2	21
29.1	29.0	30.9	95.8	95.4	92.9	25.6	25.5	24.9	72.1	71.3	67.9	62.7	62.1	58.6	22
1.9	1.9	2.0	11.2	11.2	11.1	3.2	3.2	3.1	7.5	7.5	7.6	18.0	18.2	17.3	23
259.3	260.7	268.6	822.2	825.6	825.3	196.8	197.4	194.5	700.8	706.7	692.0	605.2	608.5	597.4	24
12.7	12.7	12.6	34.6	35.1	35.3	7.6	7.6	7.1	29.3	29.4	28.6	21.0	21.4	19.9	25
7.3	7.4	7.6	8.7	8.5	8.8	1.3	1.3	1.2	7.1	7.2	7.1	6.1	6.3	6.1	26
88.5	88.4	92.5	292.4	293.1	300.7	92.2	92.9	94.9	280.5	283.2	280.5	221.5	212.0	215.7	27
5.7	5.7	5.6	17.4	17.6	17.5	3.6	3.6	3.4	13.8	13.9	13.4	10.4	10.0	10.3	28
14.0	14.1	14.3	35.8	35.9	34.6	9.5	9.5	9.1	26.4	26.6	26.9	43.3	43.1	43.4	29
4.8	4.8	4.6	13.2	13.3	13.4	2.2	2.2	2.1	12.6	12.7	12.5	12.3	12.4	12.3	30
5.5	5.6	5.3	24.5	24.8	23.5	3.1	3.1	2.9	19.4	19.3	18.0	10.1	9.8	9.4	31
102.0	101.7	105.6	355.2	356.5	359.1	102.3	103.0	104.3	319.4	322.4	319.2	268.6	259.4	260.9	32
58.2	58.6	59.8	180.2	180.7	178.9	38.9	38.9	38.5	159.6	160.6	161.4	107.4	106.3	103.7	33
6.7	6.6	6.6	20.7	20.8	19.9	4.8	4.8	4.8	17.5	17.4	17.1	13.9	13.7	12.7	34
4.8	4.8	5.1	17.3	17.1	16.9	2.6	2.6	2.7	15.0	14.9	14.4	9.9	9.9	9.8	35
6.7	6.7	7.0	20.9	20.7	20.7	4.4	4.5	4.4	15.4	15.5	15.5	15.2	15.1	15.4	36
5.8	5.8	5.7	25.8	25.7	24.8	3.3	3.2	3.1	15.9	16.0	15.3	13.1	13.4	13.1	37
16.0	15.9	15.7	68.8	68.5	67.8	15.8	16.0	16.0	55.7	55.4	55.3	51.5	51.3	52.0	38
15.8	15.6	15.3	69.6	69.3	68.5	15.8	16.0	15.9	54.6	54.3	54.4	47.6	47.6	47.9	39
38.7	38.4	38.3	150.7	149.2	144.0	32.0	31.9	30.3	91.2	91.2	91.1	147.7	151.8	142.1	40
6.2	6.0	6.5	18.6	18.5	17.5	3.6	3.5	3.6	10.3	10.3	10.1	29.3	29.2	28.3	41
7.4	7.4	7.1	23.2	23.1	22.5	7.5	7.5	7.1	15.6	15.6	15.3	30.9	31.0	28.8	42
4.6	4.5	4.7	21.9	21.8	21.5	4.9	5.0	4.8	14.3	14.3	14.3	11.7	12.4	12.4	43
10.5	10.5	10.5	46.5	46.4	47.2	7.7	7.7	7.6	34.3	34.1	32.9	55.1	55.8	52.9	44
3.1	3.1	3.1	10.8	10.7	10.6	2.0	2.0	2.0	6.5	6.5	6.8	4.8	4.8	4.5	45
68.9	68.4	67.7	264.6	263.6	258.6	60.0	60.1	58.4	185.9	185.6	183.4	232.5	232.3	218.8	46
6.4	6.4	6.6	24.3	23.9	24.5	7.5	7.5	7.1	17.3	17.1	16.4	17.5	17.5	14.5	47
6.3	6.3	6.7	29.8	29.7	30.7	5.1	5.2	5.1	17.9	17.8	18.9	30.0	30.4	29.1	48
(*)	20.2	20.3	(*)	69.8	69.2	(*)	15.8	15.3	(*)	46.8	45.7	(*)	51.6	50.8	49
13.7	13.6	14.1	48.9	48.5	48.2	15.3	15.2	14.8	37.1	37.3	36.9	35.4	35.4	34.5	50
257.5	255.2	259.2	905.6	899.2	880.0	202.1	202.1	194.7	606.9	605.4	593.1	652.7	658.0	639.3	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
3.9	3.7	3.5	25.3	24.0	22.0	6.3	6.2	5.7	16.2	16.0	15.2	44.5	45.0	42.3	53
9.2	8.8	8.8	21.7	21.7	21.7	4.0	4.0	3.9	15.6	15.7	15.8	11.8	12.0	11.8	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970
1	TEXAS (continued)												
2	Dallas . . . . .	654.0	651.8	656.4	7.9	7.9	8.0	36.8	37.0	39.9	140.5	140.2	154.3
3	El Paso . . . . .	103.9	101.8	105.7	-	-	-	5.1	5.1	6.0	24.5	23.1	23.7
4	Fort Worth . . . . .	250.8	255.0	269.6	1.2	1.6	1.8	12.3	12.4	11.8	69.8	73.2	88.1
5	Galveston-Texas City . . . . .	-	-	-	-	-	-	-	-	-	11.5	11.5	11.8
6	Houston . . . . .	793.4	792.1	768.7	29.8	29.6	29.7	70.7	70.3	69.3	144.5	146.4	148.4
7	Lubbock . . . . .	-	-	-	-	-	-	-	-	-	7.4	7.3	7.2
8	San Antonio . . . . .	264.4	264.7	260.1	1.2	1.2	1.4	13.1	13.2	13.0	33.5	33.6	34.1
9	Waco . . . . .	-	-	-	-	-	-	-	-	-	11.6	11.5	12.6
10	Wichita Falls . . . . .	-	-	-	-	-	-	-	-	-	5.0	5.0	4.6
11	UTAH . . . . .	366.3	360.8	359.3	13.0	8.2	13.1	18.4	18.4	16.9	56.7	54.6	56.4
12	Salt Lake City . . . . .	199.0	191.8	191.6	7.7	3.0	7.8	10.3	10.0	9.5	30.6	28.1	30.1
13	VERMONT . . . . .	154.9	153.3	152.3	.9	.9	1.0	11.4	11.1	12.0	38.7	38.0	40.4
14	Burlington <sup>11</sup> . . . . .	38.9	38.9	39.1	-	-	-	-	-	-	9.5	9.6	10.7
15	Springfield <sup>11</sup> . . . . .	12.5	12.3	12.5	-	-	-	-	-	-	5.3	5.1	5.4
16	VIRGINIA . . . . .	1,500.8	1,499.8	1,470.3	16.9	17.0	15.5	105.3	105.2	103.2	360.9	360.0	367.1
17	Lynchburg . . . . .	53.5	53.3	53.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.1	3.1	23.7	23.5	24.7
18	Newport News-Hampton . . . . .	102.1	101.6	94.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.3	6.2	5.6	28.5	27.9	24.9
19	Norfolk-Portsmouth . . . . .	204.2	202.3	201.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.9	14.1	14.6	19.4	19.5	20.7
20	Northern Virginia <sup>12</sup> . . . . .	278.2	279.1	272.1	.4	.4	.4	22.2	22.6	22.4	10.3	10.5	10.3
21	Richmond . . . . .	241.4	241.6	239.3	.2	.2	.2	16.3	16.6	16.0	49.8	49.2	52.2
22	Roanoke . . . . .	84.5	85.0	82.9	.1	.1	.1	5.1	4.9	5.4	19.4	19.8	19.6
23	WASHINGTON . . . . .	1,044.6	1,029.2	1,082.6	1.7	1.7	2.0	55.0	49.9	59.3	216.8	211.9	241.7
24	Seattle-Everett . . . . .	475.1	471.4	512.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.6	17.9	26.6	101.9	101.5	124.6
25	Spokane . . . . .	88.5	88.6	90.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	5.6	6.1	12.1	12.1	12.6
26	Tacoma . . . . .	103.4	102.9	106.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	4.2	5.6	19.1	19.2	20.2
27	WEST VIRGINIA . . . . .	523.3	528.2	516.9	52.6	52.6	49.1	31.0	31.2	31.0	123.8	123.5	127.2
28	Charleston . . . . .	84.7	85.4	84.9	4.2	4.2	3.9	6.0	6.0	5.8	15.7	15.8	16.9
29	Huntington-Ashland . . . . .	83.2	83.9	84.1	.6	.6	.6	4.4	4.1	4.6	25.8	26.6	27.2
30	Wheeling . . . . .	60.2	60.7	59.2	5.4	5.4	4.9	3.9	3.9	3.3	15.4	15.7	15.9
31	WISCONSIN . . . . .	1,548.4	1,536.8	1,549.5	2.6	2.6	2.9	62.6	60.2	68.7	495.2	485.3	514.0
32	Green Bay . . . . .	57.2	55.7	56.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	1.9	2.4	18.6	18.1	18.6
33	Kenosha . . . . .	34.9	35.2	34.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.3	1.1	15.2	15.1	15.8
34	La Crosse . . . . .	29.7	29.8	29.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.8	.7	1.1	8.6	8.5	8.4
35	Madison . . . . .	120.3	120.0	119.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	6.9	7.0	15.8	15.6	17.3
36	Milwaukee . . . . .	565.2	563.2	572.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19.7	19.6	21.9	195.4	193.5	204.5
37	Racine . . . . .	53.7	51.6	55.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.7	2.1	22.8	20.7	24.9
38	WYOMING . . . . .	118.8	117.9	113.1	12.2	12.0	11.8	9.5	9.5	7.8	6.7	6.7	7.2
39	Casper . . . . .	20.3	20.1	19.5	3.4	3.4	3.8	1.8	1.8	1.1	1.5	1.5	1.6
40	Cheyenne . . . . .	20.1	20.0	19.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.1	1.1	1.1	1.1	1.3

1 Combined with services.  
2 Revised to 1971 benchmark; not strictly comparable with previously published data.  
3 Combined with construction.  
4 Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.  
5 Area included in Chicago-Northwestern Indiana Standard Consolidated Area.  
6 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
7 Area included in New York-Northeastern New Jersey Standard Consolidated Area.  
8 Subarea of Rochester Standard Metropolitan Statistical Area.  
9 Subarea of New York Standard Metropolitan Statistical Area.  
10 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
11 Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
12 Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

\* Not available.  
p = preliminary.  
SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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			
Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	
52.8	52.6	52.9	177.5	174.0	174.6	57.7	58.1	54.9	106.7	107.1	103.4	74.1	74.9	68.4	1
8.6	8.6	8.6	24.9	25.1	26.1	4.5	4.5	4.4	14.6	14.6	14.7	21.7	20.8	22.2	2
15.5	15.5	15.7	62.4	61.9	63.0	12.7	12.8	12.7	42.5	43.1	42.3	34.4	34.5	34.2	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
65.6	65.1	64.9	195.4	193.9	188.9	45.0	44.8	42.2	153.0	152.3	142.9	89.4	89.7	82.4	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.8	11.8	11.4	63.7	63.4	63.7	17.6	17.7	16.5	45.8	46.8	45.0	77.7	77.0	75.0	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.7	23.7	23.8	82.5	82.1	81.6	16.1	16.0	15.3	59.8	59.3	58.0	96.0	98.5	94.0	10
16.0	16.0	15.8	53.5	53.2	51.5	12.2	12.2	11.6	34.9	34.9	32.8	33.8	34.5	32.5	11
8.6	8.5	8.4	30.5	30.4	28.7	6.0	6.0	5.7	32.8	32.4	31.6	26.2	26.1	24.6	12
2.2	2.1	2.1	8.0	8.0	7.5	-	-	-	7.6	7.6	7.5	-	-	-	13
.7	.7	.8	2.1	2.1	1.9	-	-	-	2.0	2.0	1.9	-	-	-	14
101.4	101.0	99.0	310.5	310.6	304.0	71.5	71.8	69.8	230.7	230.3	223.8	303.6	303.9	287.9	15
2.6	2.6	2.5	9.2	9.2	8.5	2.3	2.3	2.2	6.7	6.7	6.4	5.9	5.9	5.6	16
4.3	4.3	4.4	16.6	16.5	16.1	3.0	3.0	2.9	13.2	13.4	12.6	30.2	30.3	28.3	17
16.3	15.9	16.5	49.9	49.3	49.4	9.7	9.7	9.9	33.0	33.0	32.6	61.0	60.8	57.6	18
21.8	21.9	21.5	64.7	64.6	62.0	16.9	17.0	16.4	49.6	49.8	48.8	92.3	92.3	90.3	19
18.9	19.0	18.7	53.5	53.7	53.4	19.3	19.2	19.0	36.4	36.3	35.5	47.0	47.4	44.3	20
10.9	11.0	11.4	19.5	19.5	19.0	4.2	4.2	4.2	13.8	13.9	13.5	11.5	11.6	9.7	21
68.7	68.7	74.0	235.5	233.5	244.1	58.1	58.0	59.0	172.8	172.1	173.0	236.0	233.4	229.5	22
37.6	37.6	39.6	108.0	108.5	117.1	34.5	34.5	35.9	80.6	80.8	83.0	90.9	90.6	85.7	23
7.3	7.3	7.7	22.8	22.9	24.0	5.5	5.5	5.3	18.2	18.1	18.4	16.9	17.1	16.3	24
6.0	6.0	7.0	22.6	22.4	23.1	6.1	6.1	6.1	18.6	18.5	18.7	26.1	26.5	25.8	25
42.4	42.4	42.7	91.3	90.9	91.7	16.2	16.2	16.0	68.0	69.0	67.7	97.9	102.3	91.5	26
9.1	9.1	9.1	19.5	19.5	18.9	4.0	4.0	4.0	13.0	12.9	13.2	13.2	13.9	13.0	27
8.5	8.4	8.5	17.9	17.8	17.9	3.0	3.0	3.0	10.6	10.6	10.7	12.5	12.7	11.7	28
4.0	3.9	3.9	12.6	12.6	12.4	2.2	2.2	2.2	10.2	10.2	9.9	6.6	6.9	6.7	29
81.4	80.6	80.6	338.6	338.2	332.1	64.2	64.3	62.3	243.8	243.9	234.8	260.2	261.7	254.2	30
4.9	4.8	4.7	14.0	13.7	13.7	1.6	1.6	1.4	8.5	8.4	8.4	7.2	7.2	6.9	31
1.3	1.3	1.2	7.0	7.0	6.7	.7	.7	.7	4.9	4.9	4.8	4.6	4.8	4.3	32
2.2	2.2	2.2	7.3	7.4	7.3	.6	.6	.6	6.1	6.1	5.8	4.2	4.3	4.0	33
5.9	5.8	5.7	24.2	24.3	24.0	6.6	6.6	6.5	18.9	19.0	18.1	41.8	41.8	41.3	34
31.2	30.7	31.5	122.8	123.0	121.8	29.6	29.7	29.2	91.9	92.4	91.0	74.5	74.3	72.3	35
1.9	1.9	1.9	10.2	10.2	10.1	1.5	1.5	1.5	8.4	8.3	8.0	7.3	7.3	7.0	36
11.5	11.5	11.3	24.9	24.8	23.8	3.9	3.8	3.7	19.6	19.2	18.5	30.5	30.4	29.0	37
1.6	1.6	1.5	5.0	4.9	4.6	.9	.9	.9	2.6	2.5	2.6	3.5	3.5	3.4	38
2.4	2.4	2.5	5.0	5.0	4.2	1.0	1.0	1.0	3.7	3.7	3.6	5.8	5.7	5.6	39

# ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

**C-1: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, 1947 to date**

Year and month	Average			Average			Average			Average		
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings
	Total private <sup>2</sup>			Mining			Contract construction			Manufacturing		
1947	\$45.58	\$40.3	\$1.131	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$49.17	40.4	\$1.217
1948	49.00	40.0	1.225	65.56	39.4	1.664	65.27	38.1	1.713	53.12	40.0	1.328
1949	50.24	39.4	1.275	62.33	36.3	1.717	67.56	37.7	1.792	53.88	39.1	1.378
1950	53.13	39.8	1.335	67.16	37.9	1.772	69.68	37.4	1.863	58.32	40.5	1.440
1951	57.86	39.9	1.45	74.11	38.4	1.93	76.96	38.1	2.02	63.34	40.6	1.56
1952	60.65	39.9	1.52	77.59	38.6	2.01	82.86	38.9	2.13	67.16	40.7	1.65
1953	63.76	39.6	1.61	83.03	38.8	2.14	86.41	37.9	2.28	70.47	40.5	1.74
1954	64.52	39.1	1.65	82.60	38.6	2.14	88.91	37.2	2.39	70.49	39.6	1.78
1955	67.72	39.6	1.71	89.54	40.7	2.20	90.90	37.1	2.45	75.70	40.7	1.86
1956	70.74	39.3	1.80	95.06	40.8	2.33	96.38	37.5	2.57	78.78	40.4	1.95
1957	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05
1958	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11
1959 <sup>2</sup>	78.78	39.0	2.02	103.68	40.5	2.56	108.41	37.0	2.93	88.26	40.3	2.19
1960	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32
1962	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53
1965	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.93	37.4	4.41	122.51	40.7	3.01
1969	114.61	37.7	3.04	155.23	43.0	3.61	181.54	37.9	4.79	129.51	40.6	3.19
1970	119.46	37.1	3.22	163.97	42.7	3.84	196.35	37.4	5.25	133.73	39.8	3.36
1970: September	121.73	37.0	3.29	164.55	42.3	3.89	194.76	36.2	5.38	135.43	39.6	3.42
October	121.03	36.9	3.28	168.56	43.0	3.92	204.54	37.6	5.44	133.45	39.6	3.37
November	121.07	36.8	3.29	169.52	42.7	3.97	197.65	36.2	5.46	134.58	39.7	3.39
December	122.43	37.1	3.30	170.28	43.0	3.96	204.20	37.4	5.46	138.45	39.9	3.47
1971: January	121.88	36.6	3.33	168.75	42.4	3.98	199.08	36.0	5.53	138.60	39.6	3.50
February	122.61	36.6	3.35	167.60	41.9	4.00	197.38	35.5	5.56	138.29	39.4	3.51
March	123.65	36.8	3.36	168.82	42.1	4.01	205.53	37.1	5.54	139.74	39.7	3.52
April	124.05	36.7	3.38	170.89	42.3	4.04	205.35	37.0	5.55	139.83	39.5	3.54
May	125.49	36.8	3.41	171.30	42.4	4.04	209.05	37.0	5.65	142.00	40.0	3.55
June	127.57	37.3	3.42	172.10	42.6	4.04	213.94	38.0	5.63	143.51	40.2	3.57
July	127.94	37.3	3.43	172.53	42.6	4.05	216.41	38.1	5.68	142.09	39.8	3.57
August	129.03	37.4	3.45	173.85	42.3	4.11	220.23	38.3	5.75	141.69	39.8	3.56
September	128.76	37.0	3.48	173.88	42.0	4.14	218.58	37.3	5.86	143.64	39.9	3.60
Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
1947	-	-	-	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140	-	-	-
1948	-	-	-	40.80	40.4	1.010	45.48	37.9	1.200	-	-	-
1949	-	-	-	42.93	40.5	1.060	47.63	37.8	1.260	-	-	-
1950	-	-	-	44.55	40.5	1.00	50.52	37.7	1.340	-	-	-
1951	-	-	-	47.79	40.5	1.18	54.67	37.7	1.45	-	-	-
1952	-	-	-	49.20	40.0	1.23	57.08	37.8	1.51	-	-	-
1953	-	-	-	51.35	39.5	1.30	59.57	37.7	1.58	-	-	-
1954	-	-	-	53.33	39.5	1.35	62.04	37.6	1.65	-	-	-
1955	-	-	-	55.16	39.4	1.40	63.92	37.6	1.70	-	-	-
1956	-	-	-	57.48	39.1	1.47	65.68	36.9	1.78	-	-	-
1957	-	-	-	59.60	38.7	1.54	67.53	36.7	1.84	-	-	-
1958	-	-	-	61.76	38.6	1.60	70.12	37.1	1.89	-	-	-
1959 <sup>2</sup>	-	-	-	64.41	38.8	1.66	72.74	37.3	1.95	-	-	-
1960	-	-	-	66.01	38.6	1.71	75.14	37.2	2.02	-	-	-
1961	-	-	-	67.41	38.3	1.76	77.12	36.9	2.09	-	-	-
1962	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-
1963	-	-	-	72.01	38.1	1.89	84.38	37.5	2.25	-	-	-
1964	\$118.37	41.1	\$2.88	74.28	37.9	1.96	85.79	37.3	2.30	\$69.84	36.0	\$1.94
1965	125.14	41.3	3.03	76.53	37.7	2.03	88.91	37.2	2.39	73.60	35.9	2.05
1966	128.13	41.2	3.11	79.02	37.1	2.13	92.13	37.3	2.47	77.04	35.5	2.17
1967	131.22	40.5	3.24	81.76	36.5	2.24	95.46	37.0	2.58	80.38	35.1	2.29
1968	138.85	40.6	3.42	86.40	36.0	2.40	101.75	37.0	2.75	84.32	34.7	2.43
1969	148.15	40.7	3.64	91.14	35.6	2.56	108.70	37.1	2.93	90.57	34.7	2.61
1970	155.93	40.5	3.85	95.66	35.3	2.71	113.34	36.8	3.08	96.66	34.4	2.81
1970: September	160.36	40.7	3.94	97.08	35.3	2.75	113.46	36.6	3.10	98.78	34.3	2.88
October	159.18	40.4	3.94	96.60	35.0	2.76	115.18	36.8	3.13	98.50	34.2	2.88
November	160.38	40.5	3.96	96.67	34.9	2.77	115.92	36.8	3.15	99.18	34.2	2.90
December	161.20	40.4	3.99	97.08	35.3	2.75	115.61	36.7	3.15	99.81	34.3	2.91
1971: January	160.39	39.7	3.97	97.51	34.7	2.81	117.07	36.7	3.19	99.62	34.0	2.93
February	164.83	40.4	4.08	97.92	34.6	2.83	119.23	36.8	3.24	100.30	34.0	2.95
March	163.61	40.2	4.07	98.55	34.7	2.84	119.56	36.9	3.24	100.30	34.0	2.95
April	164.82	40.2	4.10	99.18	34.8	2.85	120.29	36.9	3.26	100.64	34.0	2.96
May	164.37	39.8	4.13	99.88	34.8	2.87	121.77	36.9	3.30	101.02	33.9	2.98
June	169.32	40.8	4.15	101.60	35.4	2.87	121.36	37.0	3.28	101.57	34.2	2.97
July	162.43	38.4	4.23	103.61	36.1	2.87	122.06	37.1	3.29	103.70	34.8	2.98
August	172.55	40.6	4.25	103.68	36.0	2.88	123.09	37.3	3.30	104.10	34.7	3.00
September	174.17	40.6	4.29	101.79	35.1	2.90	122.47	37.0	3.31	103.66	34.1	3.04

<sup>1</sup> For coverage of series, see footnote 1, table B-2.<sup>2</sup> Data include Alaska and Hawaii 1959.

p=preliminary.

r=revised.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970
	<b>TOTAL PRIVATE</b> .....	\$128.76	\$129.03	\$127.94	\$121.73	\$122.20	\$3.48	\$3.45	\$3.43	\$3.29	\$3.25
	<b>MINING</b> .....	173.88	173.85	172.53	164.55	163.58	4.14	4.11	4.05	3.89	3.84
10	<b>METAL MINING</b> .....	-	169.88	163.59	168.02	166.18	-	4.29	3.99	4.01	3.91
101	Iron ores .....	-	155.65	171.65	167.60	168.30	-	4.46	4.02	4.00	3.96
102	Copper ores .....	-	188.16	161.60	174.96	173.41	-	4.48	4.00	4.05	3.95
11,12	<b>COAL MINING</b> .....	-	189.67	191.28	181.89	179.82	-	4.73	(*)	4.48	4.44
12	Bituminous coal and lignite mining .....	-	191.68	193.28	183.51	181.44	-	4.78	(*)	4.52	4.48
13	<b>OIL AND GAS EXTRACTION</b> .....	-	162.64	160.50	152.40	152.64	-	3.80	3.75	3.62	3.60
131,2	Crude petroleum and natural gas fields .....	-	171.39	171.80	159.10	156.72	-	4.17	4.18	3.89	3.86
138	Oil and gas field services .....	-	156.56	152.15	147.15	149.02	-	3.55	3.45	3.43	3.41
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	-	173.34	172.70	160.29	160.86	-	3.76	3.73	3.57	3.52
142	Crushed and broken stone .....	-	176.75	175.31	161.00	161.58	-	3.69	3.66	3.50	3.46
	<b>CONTRACT CONSTRUCTION</b> .....	218.58	220.23	216.41	194.76	204.82	5.86	5.75	5.68	5.38	5.32
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	-	204.59	200.93	185.50	191.66	-	5.59	5.49	5.27	5.18
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	223.08	220.94	194.93	214.21	-	5.20	5.15	4.96	4.97
161	Highway and street construction .....	-	221.82	217.63	188.10	207.10	-	5.03	4.98	4.75	4.75
162	Heavy construction, n.e.c. ....	-	223.39	224.81	202.41	221.00	-	5.37	5.34	5.19	5.20
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	228.54	223.50	200.86	208.13	-	6.16	6.09	5.69	5.61
171	Plumbing, heating, air conditioning .....	-	235.12	234.60	210.18	217.93	-	6.22	6.19	5.79	5.75
172	Painting, paper hanging, decorating .....	-	202.27	193.84	178.80	183.05	-	5.65	5.57	5.29	5.23
173	Electrical work .....	-	257.85	251.75	226.44	237.77	-	6.75	6.66	6.17	6.05
174	Masonry, stonework, and plastering .....	-	210.00	206.47	182.38	187.14	-	6.00	5.95	5.51	5.44
176	Roofing and sheetmetal work .....	-	189.02	184.79	167.49	174.50	-	5.37	5.31	5.06	5.00
	<b>MANUFACTURING</b> .....	143.64	141.69	142.09	135.43	134.13	3.60	3.56	3.57	3.42	3.37
19,24,25,32-39	<b>DURABLE GOODS</b> .....	153.97	151.98	151.98	145.16	143.92	3.83	3.79	3.79	3.62	3.58
20-23,26-31	<b>NONDURABLE GOODS</b> .....	130.35	129.17	129.63	122.15	121.04	3.30	3.27	3.29	3.14	3.08
	<i>Durable Goods</i> .....										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	164.27	162.21	160.66	145.64	145.93	3.93	3.89	3.89	3.65	3.63
192	Ammunition, except for small arms .....	158.18	158.53	158.15	140.69	141.77	3.83	3.82	3.82	3.58	3.58
1925	Complete guided missiles .....	-	187.49	188.79	173.87	176.40	-	4.33	4.33	4.21	4.21
1929	Ammunition, exc. for small arms, nec .....	-	134.00	133.06	122.24	122.88	-	3.35	3.36	3.20	3.20
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	131.54	130.56	128.88	120.99	122.00	3.24	3.20	3.19	3.04	3.05
242	Sawmills and planing mills .....	(*)	128.44	123.93	115.24	116.61	(*)	3.11	3.06	2.91	2.93
2421	Sawmills and planing mills, general .....	-	132.89	128.61	118.80	120.20	-	3.21	3.16	3.00	3.02
243	Millwork, plywood & related products .....	137.83	138.36	136.01	127.28	127.52	3.37	3.35	3.35	3.19	3.18
2431	Millwork .....	-	133.82	130.98	122.46	123.86	-	3.28	3.25	3.14	3.12
2432	Veneer and plywood .....	-	138.94	136.15	130.47	129.83	-	3.34	3.37	3.19	3.19
244	Wooden containers .....	(*)	97.91	98.14	93.37	95.87	(*)	2.53	2.51	2.47	2.49
2441,2	Wooden boxes, shooks, and crates .....	-	95.59	95.40	91.85	95.10	-	2.47	2.44	2.43	2.47
249	Miscellaneous wood products .....	113.15	112.88	112.06	107.68	106.60	2.78	2.76	2.76	2.62	2.60
25	<b>FURNITURE AND FIXTURES</b> .....	117.60	118.67	115.53	108.92	111.00	2.94	2.93	2.91	2.80	2.81
251	Household furniture .....	(*)	112.19	107.96	102.17	103.10	(*)	2.77	2.74	2.64	2.65
2511	Wood household furniture .....	-	105.93	102.66	94.96	96.43	-	2.59	2.56	2.46	2.46
2512	Upholstered household furniture .....	-	117.71	110.78	109.42	109.13	-	2.95	2.90	2.82	2.82
2515	Mattresses and bedsprings .....	-	122.31	120.56	113.76	117.05	-	3.05	3.06	2.88	2.89
252	Office furniture .....	-	141.36	140.08	120.43	125.14	-	3.39	3.40	3.12	3.16
254	Partitions and fixtures .....	-	147.80	145.04	136.74	143.38	-	3.57	3.59	3.41	3.48
253,9	Other furniture and fixtures .....	(*)	123.48	123.64	119.34	119.30	(*)	3.15	3.13	3.06	2.99
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	157.50	157.78	155.40	142.83	142.35	3.75	3.73	3.70	3.45	3.43
321	Flat glass .....	-	186.90	189.77	191.80	188.35	-	4.45	4.54	4.31	4.32
322	Glass and glassware, pressed or blown .....	(*)	154.98	154.57	139.84	138.00	(*)	3.78	3.77	3.47	3.45
3221	Glass containers .....	-	164.67	163.83	142.04	143.67	-	3.93	3.91	3.56	3.53
3229	Pressed and blown glass, n.e.c. ....	-	140.54	140.94	137.35	129.54	-	3.54	3.55	3.35	3.33
324	Cement, hydraulic .....	(*)	201.06	199.03	187.87	178.45	(*)	4.81	4.75	4.41	4.30
325	Structural clay products .....	(*)	121.77	120.69	115.37	113.77	(*)	2.97	2.98	2.87	2.83
3251	Brick and structural clay tile .....	-	119.43	118.30	111.25	108.94	-	2.81	2.81	2.72	2.67
326	Pottery and related products .....	-	127.86	128.76	117.20	117.04	-	3.27	3.31	3.06	3.04
327	Concrete, gypsum, and plaster products .....	(*)	174.99	169.86	152.06	155.76	(*)	3.88	3.80	3.52	3.54
328,9	Other stone and nonmetallic mineral products .....	(*)	150.38	149.29	141.04	139.74	(*)	3.65	3.65	3.44	3.40
3291	Abrasive products .....	-	141.38	139.50	129.87	128.37	-	3.75	3.73	3.51	3.46

See footnotes at end of table.

ESTABLISHMENT DATA  
HOURS AND EARNINGSC-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				
		Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970
-	<b>TOTAL PRIVATE . . . . .</b>	37.0	37.4	37.3	37.0	37.6					
	<b>MINING . . . . .</b>	42.0	42.3	42.6	42.3	42.6					
10	<b>METAL MINING . . . . .</b>	-	39.6	41.0	41.9	42.5					
101	Iron ores . . . . .	-	34.9	42.7	41.9	42.5					
102	Copper ores . . . . .	-	42.0	40.4	43.2	43.9					
11,12	<b>COAL MINING . . . . .</b>	-	40.1	(*)	40.6	40.5					
12	Bituminous coal and lignite mining . . . . .	-	40.1	(*)	40.6	40.5					
13	<b>OIL AND GAS EXTRACTION . . . . .</b>	-	42.8	42.8	42.1	42.4					
131,2	Crude petroleum and natural gas fields . . . . .	-	41.1	41.1	40.9	40.6	-	-	-	-	-
138	Oil and gas field services . . . . .	-	44.1	44.1	42.9	43.7	-	-	-	-	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS . . . . .</b>	-	46.1	46.3	44.9	45.7	-	-	-	-	-
142	Crushed and broken stone . . . . .	-	47.9	47.9	46.0	46.7					
-	<b>CONTRACT CONSTRUCTION . . . . .</b>	37.3	38.3	38.1	36.2	38.5					
15	<b>GENERAL BUILDING CONTRACTORS . . . . .</b>	-	36.6	36.6	35.2	37.0					
16	<b>HEAVY CONSTRUCTION CONTRACTORS . . . . .</b>	-	42.9	42.9	39.3	43.1					
161	Highway and street construction . . . . .	-	44.1	43.7	39.6	43.6					
162	Heavy construction, n e c . . . . .	-	41.6	42.1	39.0	42.5					
17	<b>SPECIAL TRADE CONTRACTORS . . . . .</b>	-	37.1	36.7	35.3	37.1					
171	Plumbing, heating, air conditioning . . . . .	-	37.8	37.9	36.3	37.9					
172	Painting, paper hanging, decorating . . . . .	-	35.8	34.8	33.8	35.0					
173	Electrical work . . . . .	-	38.2	37.8	36.7	39.3					
174	Masonry, stonework, and plastering . . . . .	-	35.0	34.7	33.1	34.4					
176	Roofing and sheet metal work . . . . .	-	35.2	34.8	33.1	34.9					
-	<b>MANUFACTURING . . . . .</b>	39.9	39.8	39.8	39.6	39.8	3.1	3.0	2.9	3.1	3.0
19,24,25,32-39	<b>DURABLE GOODS . . . . .</b>	40.2	40.1	40.1	40.1	40.2	2.9	2.8	2.7	3.0	2.9
20-23,26-31	<b>NONDURABLE GOODS . . . . .</b>	39.5	39.5	39.4	38.9	39.3	3.3	3.1	3.0	3.1	3.1
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES . . . . .</b>	41.8	41.7	41.3	39.9	40.2	2.6	2.5	2.0	2.4	
192	Ammunition, except for small arms . . . . .	41.3	41.5	41.4	39.3	39.6	2.4	2.2	1.5	1.9	
1925	Complete guided missiles . . . . .	-	43.3	43.6	41.3	41.9	-	-	-	-	
1929	Ammunition, exc. for small arms, nec . . . . .	-	40.0	39.6	38.2	38.4	-	-	-	-	
24	<b>LUMBER AND WOOD PRODUCTS . . . . .</b>	40.6	40.8	40.4	39.8	40.0	3.7	3.7	3.1	3.5	
242	Sawmills and planing mills . . . . .	(*)	41.3	40.5	39.6	39.8	4.1	3.9	3.3	3.8	
2421	Sawmills and planing mills, general . . . . .	-	41.4	40.7	39.6	39.8	-	-	-	-	
243	Millwork, plywood & related products . . . . .	40.9	41.3	40.6	39.9	40.1	3.6	3.9	2.9	3.3	
2431	Millwork . . . . .	-	40.8	40.3	39.0	39.7	-	-	-	-	
2432	Veneer and plywood . . . . .	-	41.6	40.4	40.9	40.7	-	-	-	-	
244	Wooden containers . . . . .	(*)	38.7	39.1	37.8	38.5	2.4	3.0	2.1	2.6	
2441,2	Wooden boxes, shooks, and crates . . . . .	-	38.7	39.1	37.8	38.5	-	-	-	-	
249	Miscellaneous wood products . . . . .	40.7	40.9	40.6	41.1	41.0	3.6	3.5	3.2	3.3	
25	<b>FURNITURE AND FIXTURES . . . . .</b>	40.0	40.5	39.7	38.9	39.5	3.1	2.4	2.2	2.4	
251	Household furniture . . . . .	(*)	40.5	39.4	38.7	39.2	3.0	2.2	2.1	2.1	
2511	Wood household furniture . . . . .	-	40.9	40.1	38.6	39.2	3.3	2.5	2.2	2.2	
2512	Upholstered household furniture . . . . .	-	39.9	38.2	38.8	38.7	-	-	-	-	
2515	Mattresses and bedsprings . . . . .	-	40.1	39.4	39.5	40.5	-	-	-	-	
252	Office furniture . . . . .	-	41.7	41.2	38.6	39.6	4.0	3.5	1.6	3.1	
254	Partitions and fixtures . . . . .	-	41.4	40.4	40.1	41.2	3.7	3.0	3.1	3.7	
253,9	Other furniture and fixtures . . . . .	(*)	39.2	39.5	39.0	39.9	2.7	2.3	2.4	2.4	
32	<b>STONE, CLAY, AND GLASS PRODUCTS . . . . .</b>	42.0	42.3	42.0	41.4	41.5	5.0	4.8	4.3	4.5	
321	Flat glass . . . . .	-	42.0	41.8	44.5	43.6	3.7	4.2	5.9	4.9	
322	Glass and glassware, pressed or blown . . . . .	(*)	41.0	41.0	40.3	40.0	5.0	4.6	4.4	4.1	
3221	Glass containers . . . . .	-	41.9	41.9	39.9	40.7	-	-	-	-	
3229	Pressed and blown glass, n e c . . . . .	-	39.7	39.7	41.0	38.9	3.6	3.0	3.5	2.2	
324	Cement, hydraulic . . . . .	(*)	41.8	41.9	42.6	41.5	2.8	3.0	3.5	3.0	
325	Structural clay products . . . . .	(*)	41.0	40.5	40.2	40.2	3.9	4.1	3.5	3.5	
3251	Brick and structural clay tile . . . . .	-	42.5	42.1	40.9	40.8	-	-	-	-	
326	Pottery and related products . . . . .	-	39.1	38.9	38.3	38.5	2.4	2.1	2.2	2.1	
327	Concrete, gypsum and plaster products . . . . .	(*)	45.1	44.7	43.2	44.0	7.4	7.1	5.5	6.7	
328,9	Other stone and nonmetallic mineral products . . . . .	(*)	41.2	40.9	41.0	41.1	3.9	3.5	3.6	3.6	
3291	Abrasive products . . . . .	-	37.7	37.4	37.0	37.1	-	-	-	-	

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
	<i>Durable Goods--Continued</i>										
33	<b>PRIMARY METAL INDUSTRIES</b> .....	\$171.04	\$167.78	\$170.53	\$166.87	\$160.79	\$4.33	\$4.28	\$4.19	\$4.07	\$3.98
331	Blast furnace and basic steel products ..	(*)	173.42	178.35	180.11	170.89	(*)	4.60	4.35	4.34	4.23
3312	Blast furnaces and steel mills .....	-	175.68	179.93	183.46	173.29	-	4.71	4.41	4.41	4.30
332	Iron and steel foundries .....	(*)	163.22	164.02	152.38	148.37	(*)	4.04	4.04	3.80	3.70
3321	Gray iron foundries .....	-	165.65	166.05	151.22	144.91	-	4.06	4.05	3.79	3.65
3322	Malleable iron foundries .....	-	172.43	174.10	166.27	170.10	-	4.30	4.32	4.22	4.20
3323	Steel foundries .....	-	152.08	154.82	149.74	147.78	-	3.86	3.89	3.67	3.64
333,4	Nonferrous metals .....	(*)	172.22	170.16	162.96	159.68	(*)	4.16	4.13	3.88	3.82
3334	Primary aluminum .....	-	186.40	183.60	175.55	168.91	-	4.66	4.59	4.22	4.15
335	Nonferrous rolling and drawing .....	(*)	164.39	163.17	154.09	150.18	(*)	3.99	3.97	3.74	3.69
3351	Copper rolling and drawing .....	-	168.70	166.72	146.89	144.60	-	3.96	3.96	3.70	3.67
3352	Aluminum rolling and drawing .....	-	169.74	170.15	157.35	153.34	-	4.14	4.14	3.81	3.74
3357	Nonferrous wire drawing and insulating ..	-	159.10	156.70	156.51	150.38	-	3.89	3.85	3.70	3.65
336	Nonferrous foundries .....	(*)	145.76	144.60	138.48	137.55	(*)	3.69	3.67	3.56	3.50
3361	Aluminum castings .....	-	149.27	145.11	139.65	137.24	-	3.76	3.74	3.59	3.51
3362,9	Other nonferrous castings .....	-	141.51	143.20	137.67	138.16	-	3.61	3.58	3.53	3.48
339	Miscellaneous primary metal products ...	(*)	172.82	173.66	165.03	165.13	(*)	4.42	4.43	4.21	4.17
3391	Iron and steel forgings .....	-	179.64	179.33	169.94	170.56	-	4.63	4.61	4.38	4.34
34	<b>FABRICATED METAL PRODUCTS</b> .....	152.31	151.10	150.72	145.44	144.89	3.77	3.74	3.74	3.60	3.56
341	Metal cans .....	(*)	199.32	203.39	175.77	175.24	(*)	4.53	4.54	4.05	4.01
342	Cutlery, hand tools, and hardware .....	141.25	141.25	139.79	133.51	134.00	3.54	3.54	3.53	3.38	3.35
3421,3,5	Cutlery and hand tools, incl. saws .....	-	138.75	136.67	130.68	127.73	-	3.46	3.46	3.30	3.25
3429	Hardware, n e c .....	-	142.52	142.16	135.14	138.92	-	3.59	3.59	3.43	3.43
343	Plumbing and heating, except electric ...	137.76	136.22	137.60	130.08	131.27	3.47	3.44	3.44	3.31	3.29
3431,2	Sanitary ware & plumbers' brass goods ..	-	137.81	139.25	130.93	129.36	-	3.48	3.49	3.34	3.30
3433	Heating equipment, except electric .....	-	134.24	136.28	129.23	133.25	-	3.39	3.39	3.28	3.29
344	Fabricated structural metal products .....	(*)	151.03	150.22	144.32	144.18	(*)	3.72	3.70	3.59	3.56
3441	Fabricated structural steel .....	-	160.55	157.63	148.06	147.50	-	3.85	3.78	3.62	3.58
3442	Metal doors, sash, and trim .....	-	125.02	125.11	118.81	118.17	-	3.11	3.12	3.07	3.03
3443	Fabricated plate work (boiler shops) ..	-	154.81	152.47	155.77	152.93	-	3.88	3.86	3.79	3.73
3444	Sheet metal work .....	-	162.01	162.39	148.93	150.05	-	4.03	3.99	3.78	3.77
3446,9	Architectural and misc. metal work ...	-	143.85	143.67	135.49	138.51	-	3.50	3.53	3.43	3.42
345	Screw machine products, bolts, etc. ....	(*)	152.18	148.74	143.07	143.62	(*)	3.73	3.70	3.55	3.52
3451	Screw machine products .....	-	146.65	145.60	139.30	141.51	-	3.63	3.64	3.50	3.46
3452	Bolts, nuts, rivets, and washers .....	-	156.97	151.53	146.47	145.71	-	3.81	3.76	3.59	3.58
346	Metal stampings .....	(*)	160.00	160.80	166.78	162.21	(*)	3.99	4.02	3.99	3.89
347	Metal services, n e c .....	(*)	129.54	127.87	123.17	123.72	(*)	3.33	3.33	3.15	3.14
348	Misc. fabricated wire products .....	(*)	134.80	135.07	125.58	127.76	(*)	3.37	3.36	3.22	3.21
349	Misc. fabricated metal products .....	(*)	147.23	146.43	140.80	140.30	(*)	3.69	3.67	3.52	3.49
3494,8	Valves, pipe, and pipe fittings .....	-	149.63	148.10	144.36	142.76	-	3.75	3.74	3.60	3.56
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	163.62	161.60	161.20	152.76	152.31	4.05	4.02	4.00	3.80	3.77
351	Engines and turbines .....	(*)	184.32	179.25	170.93	168.42	(*)	4.54	4.47	4.21	4.20
3511	Steam engines and turbines .....	-	198.19	195.05	189.53	176.99	-	4.73	4.70	4.47	4.37
3519	Internal combustion engines, n e c .....	-	177.16	172.22	163.99	163.99	-	4.44	4.36	4.11	4.11
352	Farm machinery .....	-	160.37	160.38	148.13	146.59	-	4.06	4.05	3.75	3.73
353	Construction and related machinery .....	160.40	158.80	153.50	151.88	151.88	4.00	3.98	3.97	3.79	3.75
3531,2	Construction and mining machinery .....	-	165.60	164.39	160.72	157.92	-	4.14	4.12	3.92	3.88
3533	Oil field machinery .....	-	157.32	156.04	144.89	143.62	-	3.80	3.76	3.56	3.52
3535,6	Conveyors, hoists, cranes, monorails ..	-	148.97	154.35	144.32	147.17	-	3.81	3.83	3.71	3.67
3537	Industrial trucks and tractors .....	-	135.39	140.23	132.52	131.33	-	3.62	3.70	3.46	3.42
354	Metal working machinery .....	(*)	174.20	173.75	163.61	166.87	(*)	4.28	4.29	4.07	4.07
3541	Machine tools, metal cutting types .....	-	161.41	162.21	160.00	164.42	-	4.16	4.17	4.00	4.02
3544	Special dies, tools, jigs & fixtures ..	-	193.62	191.44	178.23	183.10	-	4.61	4.58	4.39	4.37
3545	Machine tool accessories .....	-	159.18	163.98	151.30	150.50	-	4.04	4.12	3.84	3.81
3542,8	Misc. metal working machinery .....	-	159.94	156.82	150.72	152.63	-	3.92	3.95	3.74	3.75
355	Special industry machinery .....	152.36	151.98	151.20	144.36	146.47	3.79	3.79	3.78	3.60	3.59
3551	Food products machinery .....	-	154.04	157.18	147.36	151.03	-	3.89	3.91	3.74	3.72
3552	Textile machinery .....	-	123.52	121.79	125.74	125.55	-	3.20	3.18	3.12	3.10
3555	Printing trades machinery .....	-	178.51	174.28	158.76	161.05	-	4.23	4.23	3.92	3.89
356	General industrial machinery .....	160.80	160.80	160.40	148.92	149.60	4.00	4.00	4.01	3.77	3.74
3561	Pumps and compressors .....	-	157.14	155.61	150.59	149.69	-	3.88	3.90	3.70	3.66
3562	Ball and roller bearings .....	-	169.29	168.08	146.29	148.61	-	4.18	4.15	3.87	3.86
3564	Blowers and fans .....	-	151.62	150.14	137.26	143.18	-	3.68	3.68	3.44	3.45
3566	Power transmission equipment .....	-	160.79	161.60	153.16	151.47	-	4.04	4.04	3.81	3.74
357	Office and computing machines .....	168.89	168.47	163.94	154.69	151.44	4.05	4.04	3.96	3.81	3.73
3573	Electronic computing equipment .....	-	178.00	174.58	156.91	154.88	-	4.13	4.06	3.79	3.75
358	Service industry machines .....	(*)	142.80	147.17	138.69	133.91	(*)	3.69	3.67	3.45	3.39
3585	Refrigeration machinery .....	-	142.12	141.47	141.40	135.09	-	3.74	3.74	3.50	3.42
359	Misc. machinery, except electrical .....	(*)	156.33	157.08	149.08	150.06	(*)	3.86	3.85	3.69	3.66

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 hours					Average overtime hours				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
	<i>Durable Goods--Continued</i>										
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	39.5	39.2	40.7	41.0	40.4	2.6	2.8	3.4	3.0	
331	Blast furnace and basic steel products . . . . .	(*)	37.7	41.0	41.5	40.4	1.7	2.5	3.1	2.5	
3312	Blast furnaces and steel mills . . . . .	—	37.3	40.8	41.6	40.3	1.5	2.3	3.1	2.4	
332	Iron and steel foundries . . . . .	(*)	40.4	40.6	40.1	40.1	3.5	3.3	3.5	3.6	
3321	Gray iron foundries . . . . .	—	40.8	41.0	39.9	39.7	3.9	3.7	3.6	3.4	
3322	Malleable iron foundries . . . . .	—	40.1	40.3	39.4	40.5	—	—	—	—	
3323	Steel foundries . . . . .	—	39.4	39.8	40.8	40.6	2.7	2.3	3.7	3.7	
333,4	Nonferrous metals . . . . .	(*)	41.4	41.2	42.0	41.8	4.1	3.7	5.0	4.3	
3334	Primary aluminum . . . . .	—	40.0	40.0	41.6	40.7	—	—	—	—	
335	Nonferrous rolling and drawing . . . . .	(*)	41.2	41.1	41.2	40.7	3.7	3.5	3.6	3.4	
3351	Copper rolling and drawing . . . . .	—	42.6	42.1	39.7	39.4	—	—	—	—	
3352	Aluminum rolling and drawing . . . . .	—	41.0	41.1	41.3	41.0	3.7	3.8	3.8	3.2	
3357	Nonferrous wire drawing and insulating . . . . .	—	40.9	40.7	42.3	41.2	3.4	3.0	4.3	4.1	
336	Nonferrous foundries . . . . .	(*)	39.5	39.4	38.9	39.3	2.3	2.2	2.0	2.3	
3361	Aluminum castings . . . . .	—	39.7	38.8	38.9	39.1	—	—	—	—	
3362,9	Other nonferrous castings . . . . .	—	39.2	40.0	39.0	39.7	—	—	—	—	
339	Miscellaneous primary metal products . . . . .	(*)	39.1	39.2	39.2	39.6	2.7	2.5	3.4	3.0	
3391	Iron and steel forgings . . . . .	—	38.8	38.9	38.8	39.3	—	—	—	—	
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	40.4	40.4	40.3	40.4	40.7	2.9	3.0	3.4	3.4	
341	Metal cans . . . . .	(*)	44.0	44.8	43.4	43.7	4.6	5.6	5.1	5.0	
342	Cutlery, hand tools, and hardware . . . . .	39.9	39.9	39.6	39.5	40.0	2.2	1.9	2.6	2.5	
3421,3,5	Cutlery and hand tools, incl. saws . . . . .	—	40.1	39.5	39.6	39.3	—	—	—	—	
3429	Hardware, n e c . . . . .	—	39.7	39.6	39.4	40.5	—	—	—	—	
343	Plumbing and heating, except electric . . . . .	39.7	39.6	40.0	39.3	39.9	2.5	2.7	2.7	2.5	
3431,2	Sanitary ware & plumbers' brass goods . . . . .	—	39.6	39.9	39.2	39.2	—	—	—	—	
3433	Heating equipment, except electric . . . . .	—	39.6	40.2	39.4	40.5	—	—	—	—	
344	Fabricated structural metal products . . . . .	(*)	40.6	40.6	40.2	40.5	3.0	3.2	3.1	3.2	
3441	Fabricated structural steel . . . . .	—	41.7	41.7	40.9	41.2	4.1	4.0	3.4	3.8	
3442	Metal doors, sash, and trim . . . . .	—	40.2	40.1	38.7	39.0	—	—	—	—	
3443	Fabricated plate work (boiler shops) . . . . .	—	39.9	39.5	41.1	41.0	2.3	2.5	3.5	3.4	
3444	Sheet metal work . . . . .	—	40.2	40.7	39.4	39.8	—	—	—	—	
3446,9	Architectural and misc. metal work . . . . .	—	41.1	40.7	39.5	40.5	—	—	—	—	
345	Screw machine products, bolts, etc. . . . .	(*)	40.8	40.2	40.3	40.8	3.5	2.7	3.1	3.4	
3451	Screw machine products . . . . .	—	40.4	40.0	39.8	40.9	—	—	—	—	
3452	Bolts, nuts, rivets, and washers . . . . .	—	41.2	40.3	40.8	40.7	—	—	—	—	
346	Metal stampings . . . . .	(*)	40.1	40.0	41.8	41.7	2.6	2.8	5.1	4.5	
347	Metal services, n e c . . . . .	(*)	38.9	38.4	39.1	39.4	3.7	3.6	3.6	3.9	
348	Misc. fabricated wire products . . . . .	(*)	40.0	40.2	39.0	39.8	2.8	2.9	2.4	2.7	
349	Misc. fabricated metal products . . . . .	(*)	39.9	39.9	40.0	40.2	2.4	2.5	2.7	2.9	
3494,8	Valves, pipe, and pipe fittings . . . . .	—	39.9	39.6	40.1	40.1	—	—	—	—	
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> . . . . .	40.4	40.2	40.3	40.2	40.4	2.5	2.5	2.6	2.7	
351	Engines and turbines . . . . .	(*)	40.6	40.1	40.6	40.1	3.9	3.4	3.9	3.2	
3511	Steam engines and turbines . . . . .	—	41.9	41.5	42.4	40.5	—	—	—	—	
3519	Internal combustion engines, n e c . . . . .	—	39.9	39.5	39.9	39.9	—	—	—	—	
352	Farm machinery . . . . .	—	39.5	39.6	39.5	39.3	1.7	2.0	2.2	2.1	
353	Construction and related machinery . . . . .	40.1	39.7	40.0	40.5	40.5	2.2	2.3	2.7	2.6	
3531,2	Construction and mining machinery . . . . .	—	40.0	39.9	41.0	40.7	2.2	2.2	3.0	2.7	
3533	Oil field machinery . . . . .	—	41.4	41.5	40.7	40.8	—	—	—	—	
3535,6	Conveyors, hoists, cranes, monorails . . . . .	—	39.1	40.3	38.9	40.1	—	—	—	—	
3537	Industrial trucks and tractors . . . . .	—	37.4	37.9	38.3	38.4	—	—	—	—	
354	Metal working machinery . . . . .	(*)	40.7	40.5	40.2	41.0	2.6	2.7	2.7	3.1	
3541	Machine tools, metal cutting types . . . . .	—	38.8	38.9	40.0	40.9	1.4	1.6	2.7	2.3	
3544	Special dies, tools, jigs, & fixtures . . . . .	—	42.0	41.8	40.6	41.9	—	—	—	—	
3545	Machine tool accessories . . . . .	—	39.4	39.8	39.4	39.5	1.1	1.3	1.3	1.8	
3542,8	Misc. metal working machinery . . . . .	—	40.8	39.7	40.3	40.7	—	—	—	—	
355	Special industry machinery . . . . .	40.2	40.1	40.0	40.1	40.8	2.2	2.2	2.5	2.9	
3551	Food products machinery . . . . .	—	39.6	40.2	39.4	40.6	—	—	—	—	
3552	Textile machinery . . . . .	—	38.6	38.3	40.3	40.5	—	—	—	—	
3555	Printing trades machinery . . . . .	—	42.2	41.2	40.5	41.4	—	—	—	—	
356	General industrial machinery . . . . .	40.2	40.2	40.0	39.5	40.0	2.6	2.3	2.4	2.3	
3561	Pumps and compressors . . . . .	—	40.5	39.9	40.7	40.9	2.7	2.5	2.8	2.9	
3562	Ball and roller bearings . . . . .	—	40.5	40.5	37.8	38.5	2.7	1.7	1.5	1.5	
3564	Blowers and fans . . . . .	—	41.2	40.8	39.9	41.5	—	—	—	—	
3566	Power transmission equipment . . . . .	—	39.8	40.0	40.2	40.5	2.1	2.2	2.9	2.4	
357	Office and computing machines . . . . .	41.7	41.7	41.4	40.6	40.6	2.2	2.5	1.7	1.7	
3573	Electronic computing equipment . . . . .	—	43.1	43.0	41.4	41.3	—	—	—	—	
358	Service industry machines . . . . .	(*)	38.7	40.1	40.2	39.5	2.4	2.3	2.5	2.2	
3585	Refrigeration machinery . . . . .	—	38.0	40.5	40.4	39.5	2.3	2.4	2.8	2.3	
359	Misc. machinery, except electrical . . . . .	(*)	40.5	40.8	40.4	41.0	3.1	3.0	3.2	3.5	

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				
		Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970
	<i>Durable Goods--Continued</i>										
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES...</b>	\$141.91	\$140.40	\$139.00	\$131.20	\$131.41	\$3.53	\$3.51	\$3.51	\$3.33	\$3.31
361	Electric test & distributing equipment ...	(*)	147.53	150.63	140.24	138.51	(*)	3.67	3.71	3.48	3.42
3611	Electric measuring instruments .....	-	130.80	129.03	120.58	121.29	-	3.27	3.25	3.14	3.11
3612	Transformers .....	-	144.54	146.86	140.01	139.94	-	3.65	3.69	3.44	3.43
3613	Switchgear and switchboard apparatus...	-	160.37	167.65	154.01	149.92	-	3.95	4.03	3.72	3.63
362	Electrical industrial apparatus .....	(*)	143.56	145.12	137.26	138.98	(*)	3.58	3.61	3.44	3.44
3621	Motors and generators .....	-	145.89	149.04	141.40	142.86	-	3.62	3.68	3.50	3.51
3622	Industrial controls .....	-	135.54	134.35	131.26	131.47	-	3.44	3.41	3.34	3.32
363	Household appliances .....	(*)	151.98	150.69	132.44	136.86	(*)	3.68	3.73	3.37	3.43
3632	Household refrigerators and freezers ...	-	165.90	169.74	142.36	149.14	-	3.95	4.10	3.55	3.71
3633	Household laundry equipment .....	-	180.09	160.80	142.69	150.63	-	4.14	3.99	3.64	3.71
3634	Electric housewares and fans .....	-	120.50	118.17	109.06	113.15	-	3.02	3.03	2.84	2.85
364	Electric lighting and wiring equipment ...	(*)	131.20	129.65	123.40	122.62	(*)	3.33	3.35	3.14	3.12
3641	Electric lamps .....	-	129.20	131.93	130.56	130.56	-	3.33	3.34	3.20	3.20
3642	Lighting fixtures .....	-	133.91	130.68	124.73	123.56	-	3.39	3.43	3.19	3.16
3643,4	Wiring devices .....	-	130.61	127.65	118.50	117.34	-	3.29	3.29	3.07	3.04
365	Radio and TV receiving equipment .....	(*)	119.66	120.26	115.89	117.90	(*)	3.10	3.14	3.01	3.00
366	Communication equipment .....	(*)	154.79	149.27	148.30	145.48	(*)	3.86	3.76	3.68	3.61
3661	Telephone and telegraph apparatus ....	-	152.08	141.62	146.47	140.65	-	3.85	3.65	3.59	3.49
3662	Radio and TV communication equipment ...	-	157.53	155.93	149.63	149.92	-	3.88	3.85	3.75	3.72
367	Electronic components and accessories ...	119.56	119.78	116.79	118.58	112.91	3.05	3.04	3.01	2.94	2.91
3671-3	Electron tubes .....	-	133.39	125.07	134.06	132.59	-	3.36	3.30	3.36	3.29
3674,9	Other electronic components .....	-	117.11	115.44	109.44	109.34	-	2.98	2.96	2.85	2.84
369	Misc. electrical equipment & supplies....	(*)	156.21	154.35	133.98	138.16	(*)	3.81	3.83	3.48	3.48
3694	Engine electrical equipment .....	-	160.36	162.39	132.80	138.48	-	3.94	3.99	3.57	3.56
37	<b>TRANSPORTATION EQUIPMENT .....</b>	175.08	172.18	172.97	167.26	164.00	4.41	4.37	4.39	4.14	4.10
371	Motor vehicles and equipment .....	(*)	181.27	182.83	175.44	169.95	(*)	4.66	4.70	4.30	4.27
3711	Motor vehicles .....	-	184.95	181.42	184.68	168.34	-	4.88	4.93	4.45	4.43
3712	Passenger car bodies .....	-	162.94	199.95	201.96	208.69	-	5.14	5.14	4.82	5.27
3713	Truck and bus bodies .....	-	143.52	145.33	139.35	139.35	-	3.68	3.67	3.51	3.51
3714	Motor vehicle parts and accessories ...	-	186.86	186.81	168.44	173.87	-	4.58	4.59	4.19	4.21
3715	Truck trailers .....	-	141.20	140.14	128.54	128.58	-	3.53	3.53	3.33	3.28
372	Aircraft and parts .....	(*)	175.77	174.56	170.11	169.31	(*)	4.34	4.31	4.19	4.16
3721	Aircraft .....	-	177.45	176.23	175.07	172.60	-	4.36	4.33	4.27	4.22
3722	Aircraft engines and engine parts .....	-	172.18	172.18	164.37	167.26	-	4.37	4.37	4.13	4.14
3723,9	Other aircraft parts and equipment .....	-	175.96	173.89	165.24	164.42	-	4.24	4.19	4.05	4.03
373	Ship and boat building and repairing .....	(*)	152.88	152.88	150.53	150.53	(*)	3.92	3.92	3.84	3.84
3731	Ship building and repairing .....	-	161.09	161.92	157.60	157.61	-	4.12	4.12	4.00	3.99
3732	Boat building and repairing .....	-	125.71	123.77	121.52	118.76	-	3.24	3.24	3.14	3.15
374	Railroad equipment .....	-	180.45	187.11	155.39	163.49	-	4.58	4.62	4.10	4.16
375,9	Other transportation equipment .....	-	131.74	132.14	120.74	121.35	-	3.13	3.32	3.12	3.08
38	<b>INSTRUMENTS AND RELATED PRODUCTS ...</b>	144.32	140.26	140.23	135.38	134.52	3.59	3.56	3.55	3.41	3.38
381	Engineering & scientific instruments ....	(*)	163.15	159.44	151.71	151.64	-	4.12	4.12	3.89	3.81
382	Mechanical measuring & control devices..	(*)	136.11	135.33	128.48	129.03	(*)	3.49	3.47	3.32	3.30
3821	Mechanical measuring devices .....	-	135.76	135.33	132.33	131.80	-	3.49	3.47	3.35	3.32
3822	Automatic temperature controls .....	-	136.07	134.55	122.67	124.91	-	3.48	3.45	3.28	3.27
383,5	Optical and ophthalmic goods .....	(*)	126.25	126.00	123.95	121.18	(*)	3.18	3.15	3.13	3.06
385	Ophthalmic goods .....	-	117.60	118.50	116.23	113.37	-	3.00	2.97	2.95	2.87
384	Medical instruments and supplies .....	122.93	122.30	122.07	116.03	111.74	3.12	3.12	3.13	2.96	2.91
386	Photographic equipment and supplies ....	(*)	170.37	172.57	170.13	169.29	(*)	4.27	4.24	4.07	4.05
387	Watches, clocks, and watchcases .....	-	112.40	112.62	109.42	112.68	-	2.86	2.91	2.77	2.81
39	<b>MISC. MANUFACTURING INDUSTRIES .....</b>	115.14	115.25	113.48	108.77	108.85	2.96	2.94	2.94	2.84	2.82
391	Jewelry, silverware, and plated ware....	129.30	125.71	122.36	119.50	117.25	3.29	3.24	3.22	3.12	3.11
394	Toys and sporting goods .....	-	105.32	104.88	98.92	98.81	-	2.68	2.71	2.61	2.58
3941-3	Games, toys, dolls & play vehicles ....	-	99.97	98.68	93.50	95.62	-	2.57	2.59	2.50	2.49
3949	Sporting and athletic goods, n e c .....	-	113.43	113.37	107.97	104.29	-	2.85	2.87	2.79	2.73
395	Pens, pencils, office and art supplies....	-	119.40	118.40	110.59	114.26	-	3.00	2.99	2.88	2.90
396	Cosume jewelry and notions .....	-	103.90	104.49	98.42	97.54	-	2.72	2.70	2.59	2.56
393,9	Other manufacturing industries .....	(*)	123.64	120.89	117.34	118.08	(*)	3.13	3.14	3.04	3.02
393	Musical instruments and parts .....	-	124.84	114.07	118.29	115.74	-	3.03	3.05	3.01	2.96
	<i>Nondurable Goods</i>										
20	<b>FOOD AND KINDRED PRODUCTS .....</b>	137.61	135.86	137.63	130.56	128.96	3.34	3.33	3.39	3.20	3.13
201	Meat products .....	(*)	143.91	144.38	141.59	137.94	(*)	3.51	3.53	3.42	3.34
2011	Meat packing plants .....	-	175.56	177.23	176.32	168.44	-	4.17	4.17	4.11	4.02
2013	Sausages and other prepared meats ....	-	156.82	163.60	153.14	152.67	-	3.95	4.00	3.69	3.67
2015	Poultry dressing plants .....	-	90.97	87.24	85.85	87.67	-	2.28	2.26	2.19	2.17

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				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
<i>Durable Goods--Continued</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	40.2	40.0	39.6	39.4	39.7	-	2.2	1.9	2.2	2.2
361	Electric test & distributing equipment	(*)	40.2	40.6	40.3	40.5	-	2.0	2.3	2.7	2.6
3611	Electric measuring instruments	-	40.0	39.7	38.4	39.0	-	1.5	1.4	1.1	1.1
3612	Transformers	-	39.6	39.8	40.7	40.8	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	40.6	41.6	41.4	41.3	-	-	-	-	-
362	Electrical industrial apparatus	(*)	40.1	40.2	39.9	40.4	-	2.3	2.2	2.4	2.6
3621	Motors and generators	-	40.3	40.5	40.4	40.7	-	2.5	2.7	2.9	3.1
3622	Industrial controls	-	39.4	39.4	39.3	39.6	-	1.6	1.3	1.7	1.6
363	Household appliances	(*)	41.3	40.4	39.3	39.9	-	2.8	2.5	2.4	2.7
3632	Household refrigerators and freezers	-	42.0	41.4	40.1	40.2	-	-	-	-	-
3633	Household laundry equipment	-	43.5	40.3	39.2	40.6	-	-	-	-	-
3634	Electric housewares and fans	-	39.9	39.0	38.4	39.7	-	2.4	1.8	2.2	2.6
364	Electric lighting and wiring equipment	(*)	39.4	38.7	39.3	39.3	-	1.8	1.5	2.2	2.1
3641	Electric lamps	-	38.8	39.5	40.8	40.8	-	1.0	1.1	2.5	2.9
3642	Lighting fixtures	-	39.5	38.1	39.1	39.1	-	1.8	1.7	2.3	1.8
3643,4	Wiring devices	-	39.7	38.8	38.6	38.6	-	2.2	1.6	1.9	1.9
365	Radio and TV receiving equipment	(*)	38.6	38.3	38.5	39.3	-	1.8	1.1	2.3	2.1
366	Communication equipment	(*)	40.1	39.7	40.3	40.3	-	2.0	1.7	2.3	2.3
3661	Telephone and telegraph apparatus	-	39.5	38.8	40.8	40.3	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.6	40.5	39.9	40.3	-	2.3	2.2	2.0	1.9
367	Electronic components and accessories	39.2	39.4	38.8	38.6	38.8	-	1.9	1.6	1.4	1.7
3671-3	Electron tubes	-	39.7	37.9	39.9	40.3	-	1.7	1.1	1.7	3.0
3674,9	Other electronic components	-	39.3	39.0	38.4	38.5	-	2.0	1.7	1.3	1.4
369	Misc. electrical equipment & supplies	(*)	41.0	40.3	38.5	39.7	-	2.9	2.2	2.3	2.1
3694	Engine electrical equipment	-	40.7	40.7	37.2	38.9	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT</b>	39.7	39.4	39.4	40.4	40.0	-	2.7	2.7	3.9	3.1
371	Motor vehicles and equipment	(*)	38.9	38.9	40.8	39.8	-	2.7	2.9	4.9	3.6
3711	Motor vehicles	-	37.9	36.8	41.5	38.0	-	2.3	2.8	6.1	3.4
3712	Passenger car bodies	-	31.7	38.9	41.9	39.6	-	-	-	-	-
3713	Truck and bus bodies	-	39.0	39.6	39.7	39.7	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	40.8	40.7	40.2	41.3	-	3.1	3.0	3.7	3.6
3715	Truck trailers	-	40.0	39.7	38.6	39.2	-	-	-	-	-
372	Aircraft and parts	(*)	40.5	40.5	40.6	40.7	-	2.6	2.0	2.7	2.6
3721	Aircraft	-	40.7	40.7	41.0	40.9	-	2.8	1.9	2.3	2.2
3722	Aircraft engines and engine parts	-	39.4	39.4	39.8	40.4	-	1.7	1.7	2.9	2.8
3723,9	Other aircraft parts and equipment	-	41.5	41.5	40.8	40.8	-	3.3	2.8	3.3	3.1
373	Ship and boat building and repairing	(*)	39.0	39.0	39.2	39.2	-	2.6	2.7	3.1	2.9
3731	Ship building and repairing	-	39.1	39.3	39.4	39.5	-	-	-	-	-
3732	Boat building and repairing	-	38.8	38.2	38.7	37.7	-	-	-	-	-
374	Railroad equipment	-	39.4	40.5	37.9	39.3	-	2.8	3.7	2.2	2.8
375,9	Other transportation equipment	-	39.8	39.8	38.7	39.4	-	2.8	3.0	2.5	2.6
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	40.2	39.4	39.5	39.7	39.8	-	2.3	1.8	2.1	2.2
381	Engineering & scientific instruments	-	39.6	38.7	39.0	39.8	-	2.8	1.9	1.8	2.4
382	Mechanical measuring & control devices	(*)	39.0	39.0	38.7	39.1	-	2.0	1.9	2.2	2.0
3821	Mechanical measuring devices	-	38.9	39.0	39.5	39.7	-	1.8	1.7	2.4	2.3
3822	Automatic temperature controls	-	39.1	39.0	37.4	38.2	-	2.4	2.2	1.8	1.6
383,5	Optical and ophthalmic goods	(*)	39.7	40.0	39.6	39.6	-	1.9	2.0	2.0	1.8
385	Ophthalmic goods	-	39.2	39.9	39.4	39.5	-	2.0	1.9	2.1	1.9
384	Medical instruments and supplies	39.4	39.2	39.0	39.2	38.4	-	1.9	1.8	1.9	1.8
386	Photographic equipment and supplies	(*)	39.9	40.7	41.8	41.8	-	3.4	1.9	2.9	2.8
387	Watches, clocks, and watch cases	-	39.3	38.7	39.5	40.1	-	1.6	1.0	1.7	1.8
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	38.9	39.2	38.6	38.3	38.6	-	2.3	1.8	2.1	2.1
391	Jewelry, silverware, and plated ware	39.3	38.8	38.0	38.3	37.7	-	2.1	1.2	2.2	1.8
394	Toys and sporting goods	-	39.3	38.7	37.9	38.3	-	2.2	2.2	2.3	2.1
3941-3	Games, toys, dolls, & play vehicles	-	38.9	38.1	37.4	38.4	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	39.8	39.5	38.7	38.2	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	39.8	39.6	38.4	39.4	-	1.9	1.5	1.4	1.7
396	Costume jewelry and notions	-	38.2	38.7	38.0	38.1	-	2.1	1.7	1.7	2.0
393,9	Other manufacturing industries	(*)	39.5	38.5	38.6	39.1	-	2.6	1.8	2.2	2.2
393	Musical instruments and parts	-	41.2	37.4	39.3	39.1	-	3.4	1.3	2.3	1.9
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	41.2	40.8	40.6	40.8	41.2	-	4.1	4.1	4.5	4.3
201	Meat products	(*)	41.0	40.9	41.4	41.3	-	4.5	4.6	4.9	4.7
2011	Meat packing plants	-	42.1	42.5	42.9	41.9	-	5.0	5.3	5.8	4.8
2013	Sausages and other prepared meats	-	39.7	40.9	41.5	41.6	-	-	-	-	-
2015	Poultry dressing plants	-	39.9	38.6	39.2	40.4	-	-	-	-	-

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				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products .....	\$145.73	\$144.01	\$146.43	\$141.71	\$136.69	\$3.52	\$3.47	\$3.47	\$3.35	\$3.27
2024	Ice cream and frozen desserts .....	-	136.55	141.62	131.70	130.00	-	3.38	3.34	3.22	3.11
2026	Fluid milk .....	-	151.68	154.34	152.50	144.56	-	3.62	3.64	3.53	3.45
203	Canned, cured, and frozen foods .....	-	110.64	107.73	106.62	107.71	-	2.78	2.85	2.72	2.64
2031,6	Canned, cured, and frozen sea foods .....	-	89.34	88.20	79.11	88.08	-	2.56	2.52	2.32	2.40
2032,3	Canned food, except sea foods .....	-	114.90	112.99	114.65	114.09	-	2.83	2.95	2.81	2.71
2037	Frozen fruits and vegetables .....	-	103.75	97.89	93.87	96.53	-	2.62	2.66	2.49	2.45
204	Grain mill products .....	159.49	157.25	158.10	150.06	148.98	3.56	3.51	3.49	3.32	3.26
2041	Flour and other grain mill products .....	-	176.99	168.63	170.02	162.37	-	3.79	3.69	3.52	3.44
2042	Prepared feeds for animals and fowls .....	-	137.86	142.50	130.92	132.34	-	3.01	3.00	2.89	2.84
205	Bakery products .....	139.08	138.29	139.25	131.87	129.03	3.53	3.51	3.49	3.33	3.25
2051	Bread, cake, and related products .....	-	140.30	141.29	135.26	131.41	-	3.57	3.55	3.39	3.31
2052	Cookies and crackers .....	-	131.74	132.26	120.74	121.97	-	3.31	3.29	3.12	3.08
206	Sugar .....	-	149.38	153.18	148.33	143.98	-	3.85	3.82	3.49	3.42
207	Confectionery and related products .....	(*)	123.41	119.65	110.65	113.08	(*)	3.07	3.06	2.83	2.82
2071	Confectionery products .....	-	117.91	115.12	106.81	109.18	-	2.97	2.99	2.76	2.75
208	Beverages .....	(*)	161.96	165.09	150.29	149.69	(*)	3.96	3.94	3.72	3.66
2082	Malt liquors .....	-	216.63	221.00	193.52	195.09	-	5.22	5.20	4.79	4.77
2086	Bottled and canned soft drinks .....	-	122.36	124.79	114.33	116.48	-	2.97	2.95	2.83	2.80
209	Misc. foods and kindred products .....	(*)	137.37	134.72	129.78	128.54	(*)	3.31	3.27	3.15	3.12
21	<b>TOBACCO MANUFACTURES</b> .....	119.50	119.57	130.87	108.29	104.81	3.08	3.18	3.33	2.88	2.78
211	Cigarettes .....	-	146.63	157.92	141.21	130.07	-	3.91	3.88	3.63	3.45
212	Cigars .....	-	89.15	86.16	81.40	81.55	-	2.34	2.31	2.20	2.21
22	<b>TEXTILE MILL PRODUCTS</b> .....	103.86	105.01	102.66	96.19	97.36	2.59	2.58	2.56	2.46	2.44
221	Weaving mills, cotton .....	103.17	104.55	102.21	96.80	98.81	2.56	2.55	2.53	2.42	2.41
222	Weaving mills, synthetics .....	110.46	110.30	109.88	99.50	100.53	2.63	2.62	2.61	2.50	2.47
223	Weaving and finishing mills, wool .....	107.53	104.18	104.22	97.66	97.39	2.75	2.72	2.70	2.53	2.51
224	Narrow fabric mills .....	(*)	100.98	99.04	94.49	95.89	(*)	2.55	2.52	2.48	2.44
225	Knitting mills .....	92.88	95.48	93.86	87.72	90.44	2.49	2.48	2.47	2.41	2.38
2251	Women's hosiery, except socks .....	-	84.25	81.87	81.53	85.18	-	2.38	2.38	2.37	2.34
2252	Hosiery, n e c .....	-	85.73	82.88	75.52	80.84	-	2.25	2.24	2.17	2.15
2253	Knit outerwear mills .....	-	99.45	97.15	91.84	94.74	-	2.55	2.53	2.53	2.48
2254	Knit underwear mills .....	-	89.32	88.16	81.11	82.06	-	2.32	2.32	2.21	2.20
226	Textile finishing, except wool .....	(*)	113.16	108.78	104.38	104.60	(*)	2.74	2.74	2.59	2.57
227	Floor covering mills .....	-	122.88	111.87	108.71	111.20	-	2.78	2.67	2.57	2.58
228	Yarn and thread mills .....	100.67	100.26	99.42	90.68	89.89	2.42	2.41	2.39	2.29	2.27
229	Miscellaneous textile goods .....	(*)	120.35	119.31	109.87	110.98	(*)	2.90	2.91	2.74	2.72
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	89.71	89.89	88.43	83.45	85.20	2.52	2.49	2.47	2.44	2.40
231	Men's and boys' suits and coats .....	(*)	109.60	107.62	97.74	101.82	(*)	3.07	3.04	2.98	2.96
232	Men's and boys' furnishings .....	(*)	81.00	80.44	76.04	76.91	(*)	2.16	2.18	2.13	2.09
2321	Men's and boys' shirts and nightwear .....	-	79.02	77.47	74.55	75.03	-	2.13	2.14	2.10	2.05
2327	Men's and boys' separate trousers .....	-	80.84	79.88	75.26	77.17	-	2.15	2.13	2.12	2.08
2328	Men's and boys' work clothing .....	-	77.00	78.33	71.81	73.37	-	2.07	2.10	2.04	2.01
233	Women's and misses' outerwear .....	92.34	92.41	90.85	83.69	86.84	2.74	2.71	2.68	2.64	2.60
2331	Women's and misses' blouses and waists .....	-	81.43	80.61	75.76	78.75	-	2.34	2.29	2.39	2.33
2335	Women's and misses' dresses .....	-	92.30	89.98	84.12	87.37	-	2.78	2.76	2.74	2.68
2337	Women's and misses' suits and coats .....	-	108.12	107.39	95.46	99.36	-	3.18	3.14	3.04	3.02
2339	Women's and misses' outerwear, n e c .....	-	82.67	81.13	75.92	77.96	-	2.29	2.26	2.22	2.19
234	Women's and children's undergarments .....	83.85	82.54	81.36	79.25	80.81	2.31	2.28	2.26	2.22	2.19
2341	Women's and children's underwear .....	-	80.36	79.34	77.69	79.39	-	2.22	2.21	2.17	2.14
2342	Corsets and allied garments .....	-	87.72	87.24	84.14	84.68	-	2.43	2.41	2.37	2.32
235	Hats, caps, and millinery .....	-	83.18	84.11	79.65	81.76	-	2.33	2.33	2.25	2.24
236	Children's outerwear .....	(*)	81.66	82.80	77.86	78.87	(*)	2.32	2.30	2.29	2.26
2361	Children's dresses and blouses .....	-	77.74	82.31	71.55	72.35	-	2.30	2.28	2.25	2.24
237,8	Fur goods and miscellaneous apparel .....	-	93.95	90.78	90.47	90.04	-	2.56	2.55	2.52	2.46
239	Misc. fabricated textile products .....	(*)	99.82	98.30	93.10	94.88	(*)	2.62	2.58	2.53	2.51
2391,2	Housefurnishings .....	-	86.49	86.71	81.91	82.03	-	2.27	2.27	2.19	2.17
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	158.20	158.90	157.30	147.97	146.23	3.74	3.73	3.71	3.54	3.49
261,2,6	Paper and pulp mills .....	(*)	182.96	182.82	173.41	168.73	(*)	4.13	4.09	3.95	3.87
263	Paperboard mills .....	190.29	187.29	182.99	183.01	174.05	4.21	4.19	4.14	4.04	3.92
264	Misc. converted paper products .....	137.57	137.83	136.42	126.08	126.54	3.38	3.37	3.36	3.16	3.14
2643	Bags, except textile bags .....	-	134.39	133.57	122.36	122.71	-	3.31	3.29	3.09	3.06
265	Paperboard containers and boxes .....	(*)	144.28	141.38	130.57	130.33	(*)	3.46	3.44	3.24	3.21
2651,2	Folding and setup paperboard boxes .....	-	132.51	131.60	118.47	118.11	-	3.28	3.29	3.03	2.99
2653	Corrugated and solid fiber boxes .....	-	155.36	150.42	139.47	141.10	-	3.63	3.59	3.41	3.40
2654	Sanitary food containers .....	-	139.86	140.10	131.56	128.11	-	3.33	3.32	3.17	3.14

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				
		Sept. 1971P	Aug. 1971P	July 1971	Sept. 1970	Aug. 1970	Sept. 1971P	Aug. 1971P	July 1971	Sept. 1970	Aug. 1970
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products .....	41.4	41.5	42.2	42.3	41.8	-	4.1	4.4	4.6	4.1
2024	Ice cream and frozen desserts .....	-	40.4	42.4	40.9	41.8	-	-	-	-	-
2026	Fluid milk .....	-	41.9	42.4	43.2	41.9	-	-	-	-	-
203	Canned, cured, and frozen foods .....	-	39.8	37.8	39.2	40.8	-	3.6	2.9	4.1	3.8
2031,6	Canned, cured and frozen sea foods .....	-	34.9	35.0	34.1	36.7	-	-	-	-	-
2032,3	Canned food, except sea foods .....	-	40.6	38.3	40.8	42.1	-	-	-	-	-
2037	Frozen fruits and vegetables .....	-	39.6	36.8	37.7	39.4	-	-	-	-	-
204	Grain mill products .....	44.8	44.8	45.3	45.2	45.7	-	6.8	6.9	7.3	7.2
2041	Flour and other grain mill product .....	-	46.7	45.7	48.3	47.2	-	-	-	-	-
2042	Prepared feeds for animals and fowls .....	-	45.8	47.5	45.3	46.6	-	-	-	-	-
205	Bakery products .....	39.4	39.4	39.9	39.6	39.7	-	3.2	3.4	3.7	3.5
2051	Bread, cake, and related products .....	-	39.3	39.8	39.9	39.7	-	-	-	-	-
2052	Cookies and crackers .....	-	39.8	40.2	38.7	39.6	-	-	-	-	-
206	Sugar .....	-	38.8	40.1	42.5	42.1	-	3.6	4.3	5.8	4.5
207	Confectionery and related products .....	(*)	40.2	39.1	39.1	40.1	-	2.9	2.1	2.7	2.6
2071	Confectionery products .....	-	39.7	38.5	38.7	39.7	-	-	-	-	-
208	Beverages .....	(*)	40.9	41.9	40.4	40.9	-	3.9	4.6	3.8	3.8
2082	Malt liquors .....	-	41.5	42.5	40.4	40.9	-	-	-	-	-
2086	Bottled and canned soft drinks .....	-	41.2	42.3	40.4	41.6	-	-	-	-	-
209	Misc. foods and kindred products .....	(*)	41.5	41.2	41.2	41.2	-	4.3	4.1	4.8	4.5
21	<b>TOBACCO MANUFACTURES</b> .....	38.8	37.6	39.3	37.6	37.7	-	2.9	3.6	2.3	1.9
211	Cigarettes .....	-	37.5	40.7	38.9	37.7	-	3.9	5.3	3.5	1.9
212	Cigars .....	-	38.1	37.3	37.0	36.9	-	2.0	1.2	1.2	1.1
22	<b>TEXTILE MILL PRODUCTS</b> .....	40.1	40.7	40.1	39.1	39.9	-	3.8	3.5	2.9	3.2
221	Weaving mills, cotton .....	40.3	41.0	40.4	40.0	41.0	-	3.9	3.6	3.3	3.9
222	Weaving mills, synthetics .....	42.0	42.1	42.1	39.8	40.7	-	4.3	4.2	3.2	3.0
223	Weaving and finishing mills, wool .....	39.1	38.3	38.6	38.6	38.8	-	2.0	2.3	2.4	2.3
224	Narrow fabric mills .....	(*)	39.6	39.3	38.1	39.3	-	2.5	2.6	1.8	2.4
225	Knitting mills .....	37.3	38.5	38.0	36.4	38.0	-	2.6	2.7	1.9	2.3
2251	Women's hosiery, except socks .....	-	35.4	34.4	34.4	36.4	-	-	-	-	-
2252	Hosiery, n e c .....	-	38.1	37.0	34.8	37.6	-	-	-	-	-
2253	Knit outerwear mills .....	-	39.0	38.4	36.3	38.2	-	-	-	-	-
2254	Knit underwear mills .....	-	38.5	38.0	36.7	37.3	-	-	-	-	-
226	Textile finishing, except wool .....	(*)	41.3	39.7	40.3	40.7	-	4.7	4.3	3.6	3.7
227	Floor covering mills .....	-	44.2	41.9	42.3	43.1	-	6.2	4.8	4.1	4.8
228	Yarn and thread mills .....	41.6	41.6	41.6	39.6	39.6	-	4.4	4.1	3.1	3.0
229	Miscellaneous textile goods .....	(*)	41.5	41.0	40.1	40.8	-	3.9	3.5	3.4	3.6
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	35.6	36.1	35.8	34.2	35.5	-	1.3	1.1	1.0	1.2
231	Men's and boys' suits and coats .....	(*)	35.7	35.4	32.8	34.4	-	.7	.3	.6	.5
232	Men's and boys' furnishings .....	(*)	37.5	36.9	35.7	36.8	-	1.4	1.1	1.0	1.3
2321	Men's and boys' shirts and nightwear .....	-	37.1	36.2	35.5	36.6	-	1.3	.9	1.0	1.2
2327	Men's and boys' separate trousers .....	-	37.6	37.5	35.5	37.1	-	-	-	-	-
2328	Men's and boys' work clothing .....	-	37.2	37.3	35.2	36.5	-	1.2	.9	.9	1.1
233	Women's and misses' outerwear .....	33.7	34.1	33.9	31.7	33.4	-	1.2	1.1	.9	1.0
2331	Women's and misses' blouses and waists .....	-	34.8	35.2	31.7	33.8	-	-	-	-	-
2335	Women's and misses' dresses .....	-	33.2	32.6	30.7	32.6	-	1.2	1.0	.8	.9
2337	Women's and misses' suits and coats .....	-	34.0	34.2	31.4	32.9	-	1.2	1.3	1.1	1.3
2339	Women's and misses' outerwear, n e c .....	-	36.1	35.9	34.2	35.6	-	1.3	1.2	.9	1.1
234	Women's and children's undergarments .....	36.3	36.2	36.0	35.7	36.9	-	1.2	1.1	1.2	1.4
2341	Women's and children's underwear .....	-	36.2	35.9	35.8	37.1	-	-	-	-	-
2342	Corsets and allied garments .....	-	36.1	36.2	35.5	36.5	-	-	-	-	-
235	Hats, caps, and millinery .....	-	35.7	36.1	35.4	36.5	-	1.0	1.1	.7	1.2
236	Children's outerwear .....	(*)	35.2	36.0	34.0	34.9	-	1.5	1.5	1.1	1.5
2361	Children's dresses and blouses .....	-	33.8	36.1	31.8	32.3	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel .....	-	36.7	35.6	35.9	36.6	-	1.3	.8	1.0	1.3
239	Misc. fabricated textile products .....	(*)	38.1	38.1	36.8	37.8	-	1.8	2.0	1.8	2.0
2391,2	Housefurnishings .....	-	38.1	38.2	37.4	37.8	-	-	-	-	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	42.3	42.6	42.4	41.8	41.9	-	4.8	4.7	4.8	4.7
261,2,6	Paper and pulp mills .....	(*)	44.3	44.7	43.9	43.6	-	5.9	6.0	6.2	5.9
263	Paperboard mills .....	45.2	44.7	44.2	45.3	44.4	-	7.3	7.1	7.7	7.0
264	Misc. converted paper products .....	40.7	40.9	40.6	39.9	40.3	-	3.2	3.4	3.3	3.3
2643	Bags, except textile bags .....	-	40.6	40.6	39.6	40.1	-	-	-	-	-
265	Paperboard containers and boxes .....	(*)	41.7	41.1	40.3	40.6	-	4.4	3.8	3.7	3.8
2651,2	Folding and setup paperboard boxes .....	-	40.4	40.0	39.1	39.5	-	-	-	-	-
2653	Corrugated and solid fiber boxes .....	-	42.8	41.9	40.9	41.5	-	5.5	4.6	4.4	4.6
2654	Sanitary food containers .....	-	42.0	42.2	41.5	40.8	-	-	-	-	-

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				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b> .....	\$161.78	\$159.47	\$158.30	\$151.18	\$149.31	\$4.28	\$4.23	\$4.21	\$4.01	\$3.95
271	Newspapers.....	167.79	165.08	163.55	155.81	149.81	4.70	4.65	4.62	4.34	4.22
272	Periodicals.....	-	178.13	173.84	172.51	170.10	-	4.42	4.39	4.27	4.20
273	Books.....	-	148.92	149.71	136.44	139.44	-	3.77	3.79	3.60	3.53
275	Commercial printing.....	166.32	164.35	162.78	157.12	155.98	4.32	4.28	4.25	4.06	4.02
2751	Commercial printing, ex. lithographic.....	-	157.80	156.24	152.06	150.54	-	4.12	4.09	3.96	3.90
2752	Commercial printing, lithographic.....	-	175.76	173.76	165.03	164.64	-	4.53	4.49	4.21	4.20
278	Blankbooks and bookbinding.....	(*)	123.52	122.43	113.77	114.00	(*)	3.20	3.18	3.05	3.00
274,6,7,9	Other publishing & printing ind.....	155.70	155.36	155.32	145.50	146.67	4.13	4.11	4.12	3.88	3.87
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	168.04	164.79	164.79	159.18	153.68	4.02	3.99	3.99	3.79	3.73
281	Industrial chemicals.....	(*)	185.57	184.73	181.03	171.79	(*)	4.45	4.43	4.21	4.10
2812	Alkalies and chlorine.....	-	189.60	186.60	188.75	184.34	-	4.43	4.37	4.28	4.18
2818	Industrial organic chemicals, n e c.....	-	199.92	202.30	191.80	180.18	-	4.76	4.76	4.45	4.29
2819	Industrial inorganic chemicals, n e c.....	-	173.32	172.58	171.75	162.77	-	4.29	4.23	4.07	3.97
282	Plastics materials and synthetics.....	(*)	161.80	162.54	160.27	151.62	(*)	3.88	3.87	3.71	3.68
2821	Plastics materials and resins.....	-	177.16	174.69	172.22	163.74	-	4.12	4.12	3.95	3.88
2823,4	Synthetic fibers.....	-	146.52	149.40	147.15	138.23	-	3.60	3.60	3.43	3.43
283	Drugs.....	(*)	153.54	151.58	145.16	142.04	(*)	3.81	3.78	3.62	3.56
2834	Pharmaceutical preparations.....	-	148.03	146.03	139.74	135.98	-	3.71	3.66	3.52	3.46
284	Soap, cleaners, and toilet goods.....	159.90	160.70	159.98	149.78	148.92	3.90	3.91	3.96	3.68	3.65
2841	Soap and other detergents.....	-	203.15	203.69	189.81	191.65	-	4.78	4.92	4.53	4.52
2844	Toilet preparations.....	-	130.17	127.98	123.32	121.40	-	3.23	3.24	3.06	3.02
285	Paints and allied products.....	152.22	150.55	152.03	143.67	144.55	3.74	3.69	3.69	3.53	3.50
287	Agricultural chemicals.....	(*)	141.20	139.47	131.11	129.56	(*)	3.37	3.41	3.19	3.16
2871,2	Fertilizers, complete & mixing only.....	-	134.08	132.44	128.02	125.75	-	3.20	3.27	3.07	3.03
286,9	Other chemical products.....	(*)	154.54	156.79	146.78	142.80	(*)	3.76	3.76	3.52	3.50
2892	Explosives.....	-	159.10	165.55	150.33	146.80	-	3.89	3.97	3.64	3.67
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	204.52	195.96	197.80	187.92	184.46	4.68	4.60	4.60	4.33	4.27
291	Petroleum refining.....	(*)	202.38	205.22	194.79	189.53	(*)	4.83	4.84	4.53	4.47
295,9	Other petroleum and coal products.....	(*)	175.89	172.03	164.33	166.35	(*)	3.90	3.84	3.66	3.64
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b> .....	141.69	139.38	137.94	132.03	130.82	3.49	3.45	3.44	3.26	3.23
301	Tires and inner tubes.....	(*)	196.41	195.67	187.74	181.33	(*)	4.71	4.67	4.47	4.38
302,3,6	Other rubber products.....	(*)	130.22	128.18	127.35	127.48	(*)	3.28	3.27	3.16	3.14
302	Rubber footwear.....	-	107.62	106.20	105.15	103.49	-	2.81	2.78	2.71	2.64
307	Miscellaneous plastics products.....	(*)	121.40	120.10	115.60	114.69	(*)	3.02	3.01	2.89	2.86
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	96.83	97.13	98.56	90.50	91.51	2.61	2.59	2.58	2.50	2.48
311-	Leather tanning and finishing.....	(*)	127.79	125.45	119.74	120.65	(*)	3.26	3.25	3.11	3.07
314	Footwear, except rubber.....	93.47	95.13	96.64	87.24	88.81	2.54	2.53	2.51	2.43	2.42
312,3,5-7,5	Other leather products.....	(*)	92.85	94.25	89.78	90.04	(*)	2.53	2.52	2.48	2.44
316	Luggage.....	-	94.70	96.42	89.36	91.19	-	2.66	2.62	2.59	2.54
317	Handbags and personal leather goods.....	-	91.13	92.00	88.80	88.88	-	2.49	2.46	2.40	2.37
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	174.17	172.55	162.43	160.36	158.34	4.29	4.25	4.23	3.94	3.90
	<b>RAILROAD TRANSPORTATION</b>										
1	Class I railroads <sup>2</sup> .....	-	(*)	176.36	174.49	168.60	-	(*)	4.42	3.93	3.93
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation.....	-	155.92	155.79	147.48	147.23	-	3.66	3.64	3.47	3.44
413	Intercity highway transportation.....	-	186.19	178.42	177.19	178.40	-	4.34	4.32	4.14	4.12
42	<b>TRUCKING AND WAREHOUSING</b> .....	-	189.13	186.52	164.79	165.48	-	4.45	4.42	3.99	3.94
421,3	Trucking and trucking terminals.....	-	193.43	190.80	167.67	168.80	-	4.53	4.50	4.05	4.00
422	Public warehousing.....	-	132.60	131.99	124.97	124.89	-	3.34	3.35	3.14	3.13
46	<b>PIPE LINE TRANSPORTATION</b> .....	-	208.16	208.38	192.70	190.57	-	4.98	4.88	4.61	4.57
48	<b>COMMUNICATION</b> .....	-	137.23	108.28	140.75	135.54	-	3.64	3.55	3.51	3.44
481	Telephone communication.....	-	133.13	100.50	139.04	133.17	-	3.55	3.43	3.45	3.38
4817	Switchboard operating employees <sup>3</sup> .....	-	110.63	81.44	105.25	96.47	-	2.95	2.94	2.86	2.78
4818	Line construction employees <sup>4</sup> .....	-	179.78	127.87	195.22	189.03	-	4.45	4.22	4.30	4.21
482	Telegraph communication <sup>5</sup> .....	-	(*)	(*)	161.50	159.22	-	(*)	(*)	3.80	3.72
483	Radio and television broadcasting.....	-	161.97	160.02	151.29	148.99	-	4.24	4.20	3.95	3.88

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b> .....	37.8	37.7	37.6	37.7	37.8	-	2.7	2.6	3.0	2.9
271	Newspapers.....	35.7	35.5	35.4	35.9	35.5	-	2.3	2.3	2.8	2.5
272	Periodicals.....	-	40.3	39.6	40.4	40.5	-	3.8	3.1	4.5	4.2
273	Books.....	-	39.5	39.5	37.9	39.5	-	3.3	3.2	2.5	3.1
275	Commercial printing.....	38.5	38.4	38.3	38.7	38.8	-	2.9	2.9	3.4	3.3
2751	Commercial printing, ex. lithographic	-	38.3	38.2	38.4	38.6	-	2.9	2.7	3.3	3.1
2752	Commercial printing, lithographic...	-	38.8	38.7	39.2	39.2	-	3.2	3.2	3.7	3.8
278	Blankbooks and bookbinding.....	(*)	38.6	38.5	37.3	38.0	-	2.0	1.8	1.9	1.8
274,6,7,9	Other publishing & printing ind.....	37.7	37.8	37.7	37.5	37.9	-	2.2	2.1	2.4	2.4
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ..	41.8	41.3	41.3	42.0	41.2	-	3.2	3.0	3.6	3.0
281	Industrial chemicals.....	(*)	41.7	41.7	43.0	41.9	-	3.6	3.3	4.5	3.4
2812	Alkalies and chlorine.....	-	42.8	42.7	44.1	44.1	-	-	-	-	-
2818	Industrial organic chemicals, n e c...	-	42.0	42.5	43.1	42.0	-	3.2	3.5	4.2	3.1
2819	Industrial inorganic chemicals, n e c...	-	40.4	40.8	42.2	41.0	-	3.2	2.8	4.5	3.1
282	Plastics materials and synthetics.....	(*)	41.7	42.0	43.2	41.2	-	2.9	3.1	3.4	2.8
2821	Plastics materials and resins.....	-	43.0	42.4	43.6	42.2	-	4.5	4.0	4.4	3.9
2823,4	Synthetic fibers.....	-	40.7	41.5	42.9	40.3	-	1.8	2.4	2.5	1.9
283	Drugs.....	(*)	40.3	40.1	40.1	39.9	-	2.4	2.0	2.3	2.0
2834	Pharmaceutical preparations.....	-	39.9	39.9	39.7	39.3	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	41.0	41.1	40.4	40.7	40.8	-	3.3	2.7	3.1	3.1
2841	Soap and other detergents.....	-	42.5	41.4	41.9	42.4	-	-	-	-	-
2844	Toilet preparations.....	-	40.3	39.5	40.3	40.2	-	-	-	-	-
285	Paints and allied products.....	40.7	40.8	41.2	40.7	41.3	-	3.2	3.0	3.2	3.4
287	Agricultural chemicals.....	(*)	41.9	40.9	41.1	41.0	-	3.5	3.0	3.9	3.6
2871,2	Fertilizers, complete & mixing only..	-	41.9	40.5	41.7	41.5	-	-	-	-	-
286,9	Other chemical products.....	(*)	41.1	41.7	41.7	40.8	-	3.2	3.1	3.3	2.6
2892	Explosives.....	-	40.9	41.7	41.3	40.0	-	-	-	-	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	43.7	42.6	43.0	43.4	43.2	-	3.8	3.9	4.2	4.0
291	Petroleum refining.....	(*)	41.9	42.4	43.0	42.4	-	2.7	2.9	3.2	2.8
295,9	Other petroleum and coal products.....	(*)	45.1	44.8	44.9	45.7	-	7.5	7.1	7.4	7.7
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC.</b> ..	40.6	40.4	40.1	40.5	40.5	-	3.3	3.1	3.6	3.5
301	Tires and inner tubes.....	(*)	41.7	41.9	42.0	41.4	-	4.2	4.7	5.5	4.8
302,3,6	Other rubber products.....	(*)	39.7	39.2	40.3	40.6	-	2.6	2.2	3.0	3.1
302	Rubber footwear.....	-	38.3	38.2	38.8	39.2	-	2.1	2.3	2.1	2.2
307	Miscellaneous plastics products.....	(*)	40.2	39.9	40.0	40.1	-	3.4	3.1	3.3	3.4
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	37.1	37.5	38.2	36.2	36.9	-	1.8	1.7	1.3	1.5
311	Leather tanning and finishing.....	(*)	39.2	38.6	38.5	39.3	-	2.6	2.3	2.8	2.6
314	Footwear, except rubber.....	36.8	37.6	38.5	35.9	36.7	-	1.7	1.8	1.1	1.4
312,3,5-7,9	Other leather products.....	(*)	36.7	37.4	36.2	36.9	-	1.6	1.3	1.5	1.4
316	Luggage.....	-	35.6	36.8	34.5	35.9	-	1.6	1.3	.7	.9
317	Handbags and personal leather goods..	-	36.6	37.4	37.0	37.5	-	1.4	1.3	2.1	1.9
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.6	40.6	38.4	40.7	40.6					
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> .....	-	(*)	39.9	44.4	42.9	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation.....	-	42.6	42.8	42.5	42.8	-	-	-	-	-
413	Intercity highway transportation.....	-	42.9	41.3	42.8	43.3	-	-	-	-	-
42	<b>TRUCKING AND WAREHOUSING</b> .....	-	42.5	42.2	41.3	42.0	-	-	-	-	-
421,3	Trucking and trucking terminals.....	-	42.7	42.4	41.4	42.2	-	-	-	-	-
422	Public warehousing.....	-	39.7	39.4	39.8	39.9	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION</b> .....	-	41.8	42.7	41.8	41.7	-	-	-	-	-
48	<b>COMMUNICATION</b> .....	-	37.7	30.5	40.1	39.4	-	-	-	-	-
481	Telephone communication.....	-	37.5	29.3	40.3	39.4	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup> ...	-	37.5	27.7	36.8	34.7	-	-	-	-	-
4818	Line construction employees <sup>4</sup> .....	-	40.4	30.3	45.4	44.9	-	-	-	-	-
482	Telegraph communication <sup>5</sup> .....	-	(*)	(*)	42.5	42.8	-	-	-	-	-
483	Radio and television broadcasting.....	-	38.2	38.1	38.3	38.4	-	-	-	-	-

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				
		Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970
	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>		\$184.58	\$185.92	\$175.13	\$173.06	-	\$4.48	\$4.48	\$4.22	\$4.17
491	Electric companies and systems .....		191.86	193.24	178.04	177.24	-	4.59	4.59	4.29	4.23
492	Gas companies and systems .....		165.64	166.46	159.03	156.65	-	4.10	4.08	3.86	3.83
493	Combination companies and systems...		198.70	200.41	190.03	186.64	-	4.87	4.90	4.59	4.53
494-7	Water, steam, & sanitary systems .....		157.96	159.42	151.86	147.62	-	3.77	3.76	3.59	3.54
	<b>WHOLESALE AND RETAIL TRADE.....</b>	\$101.79	103.68	103.61	97.08	98.46	\$2.90	2.88	2.87	2.75	2.72
50	<b>WHOLESALE TRADE.....</b>	148.45	148.00	146.43	138.16	138.35	3.73	3.70	3.67	3.48	3.45
501	Motor vehicles & automotive equipment..	-	136.46	137.02	128.08	130.97	-	3.42	3.40	3.21	3.21
502	Drugs, chemicals, and allied products...	-	148.61	147.83	142.69	141.51	-	3.84	3.82	3.64	3.61
503	Dry goods and apparel.....	-	134.97	133.84	127.28	127.25	-	3.58	3.55	3.44	3.43
504	Groceries and related products .....	-	140.40	142.74	132.51	131.46	-	3.51	3.49	3.28	3.23
506	Electrical goods.....	-	146.73	134.43	135.32	136.53	-	3.57	3.51	3.40	3.33
507	Hardware; plumbing & heating equipment	-	145.44	142.71	132.53	134.13	-	3.60	3.55	3.33	3.32
508	Machinery, equipment, and supplies....	-	164.83	163.59	151.81	151.81	-	4.04	3.99	3.73	3.73
509	Miscellaneous wholesalers.....	-	149.29	148.50	139.55	140.58	-	3.77	3.75	3.56	3.55
52-59	<b>RETAIL TRADE.....</b>	87.62	89.53	89.78	83.82	85.75	2.60	2.58	2.58	2.48	2.45
53	Retail general merchandise .....	-	82.50	82.58	78.57	79.44	-	2.50	2.51	2.44	2.40
531	Department stores .....	-	86.45	86.45	82.68	83.20	-	2.66	2.66	2.60	2.56
532	Mail order houses .....	-	104.01	104.05	97.66	96.49	-	2.73	2.76	2.57	2.58
533	Variety stores .....	-	62.00	61.71	58.87	60.60	-	2.00	2.03	1.93	1.93
54	Food stores.....	-	98.16	98.70	91.41	91.60	-	2.93	2.92	2.77	2.71
541-3	Grocery, meat, and vegetable stores ..	-	100.72	101.57	93.57	93.50	-	2.98	2.97	2.81	2.75
56	Apparel and accessory stores .....	-	76.70	77.26	73.37	74.25	-	2.36	2.37	2.30	2.25
561	Men's & boys' clothing & furnishings ..	-	91.60	95.63	89.23	91.70	-	2.71	2.78	2.64	2.62
562	Women's ready-to-wear stores .....	-	68.33	68.42	64.78	65.84	-	2.19	2.20	2.11	2.09
565	Family clothing stores .....	-	76.21	76.12	69.68	71.55	-	2.19	2.20	2.08	2.05
566	Shoe stores.....	-	78.08	75.84	76.55	75.21	-	2.41	2.37	2.43	2.30
57	Furniture and home furnishings stores..	-	117.49	117.04	110.26	111.97	-	3.10	3.08	2.98	2.97
571	Furniture and home furnishings.....	-	116.94	116.49	109.96	112.05	-	3.11	3.09	2.98	2.98
58	Eating and drinking places <sup>6</sup> .....	-	63.18	62.86	58.78	61.19	-	1.95	1.94	1.89	1.86
52,55,59	Other retail trade.....	-	110.40	111.36	102.65	104.99	-	2.86	2.87	2.73	2.72
52	Building materials and farm equipment	-	122.70	123.19	113.26	114.05	-	3.00	2.99	2.86	2.83
551,2	Motor vehicle dealers.....	-	144.43	145.30	132.59	135.86	-	3.54	3.57	3.29	3.33
553,9	Other automotive & accessory dealers..	-	123.52	124.49	114.40	115.09	-	2.92	2.95	2.75	2.76
591	Drug stores and proprietary stores .....	-	81.84	82.41	76.00	78.49	-	2.48	2.46	2.39	2.35
594	Book and stationery stores .....	-	95.28	94.07	87.20	90.21	-	2.73	2.68	2.58	2.57
598	Fuel and ice dealers.....	-	125.73	127.10	118.81	117.65	-	3.30	3.31	3.07	3.04
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup>.....</b>	122.47	123.09	122.06	113.46	113.65	3.31	3.30	3.29	3.10	3.08
60	Banking.....	-	108.62	108.04	103.21	103.79	-	2.92	2.92	2.82	2.79
61	Credit agencies other than banks .....	-	115.58	113.62	105.19	106.69	-	3.01	2.99	2.82	2.83
612	Savings and loan associations .....	-	114.68	113.40	102.03	103.80	-	3.01	3.00	2.78	2.80
62	Security, commodity brokers & services..	-	200.91	201.45	163.47	161.25	-	5.43	5.43	4.43	4.37
63	Insurance carriers .....	-	129.11	128.04	122.54	122.84	-	3.48	3.47	3.33	3.32
631	Life insurance .....	-	131.76	129.96	124.49	124.83	-	3.60	3.59	3.42	3.42
632	Accident and health insurance .....	-	121.36	121.69	113.40	114.25	-	3.28	3.28	3.15	3.13
633	Fire, marine, and casualty insurance..	-	128.59	127.50	123.42	123.33	-	3.42	3.40	3.30	3.28
	<b>SERVICES.....</b>	103.66	104.10	103.70	98.78	98.70	3.04	3.00	2.98	2.88	2.82
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> ...	-	74.46	73.71	68.80	69.65	-	2.08	2.10	2.00	1.94
	Personal Services:										
721	Laundries and dry cleaning plants....	-	82.95	82.95	79.30	78.84	-	2.33	2.33	2.24	2.19
722	Photographic studios .....	-	100.18	95.63	89.09	92.56	-	2.83	2.74	2.56	2.60
	Motion pictures:										
781	Motion picture filming & distributing..	-	190.39	187.12	184.47	192.23	-	5.05	5.03	4.73	4.77
806	Hospitals .....	-	104.19	104.35	97.70	98.14	-	3.02	2.99	2.84	2.82

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 hours					Average overtime hours				
		Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	41.2	41.5	41.5	41.5	-	-	-	-	-
491	Electric companies and systems .....	-	41.8	42.1	41.5	41.9	-	-	-	-	-
492	Gas companies and systems .....	-	40.4	40.8	41.2	40.9	-	-	-	-	-
493	Combination companies and systems ..	-	40.8	40.9	41.4	41.2	-	-	-	-	-
494-7	Water, steam & sanitary systems .....	-	41.9	42.4	42.3	41.7	-	-	-	-	-
-	<b>WHOLESALE AND RETAIL TRADE .....</b>	35.1	36.0	36.1	35.3	36.2	-	-	-	-	-
50	<b>WHOLESALE TRADE .....</b>	39.8	40.0	39.9	39.7	40.1	-	-	-	-	-
501	Motor vehicles & automotive equipment ..	-	39.9	40.3	39.9	40.8	-	-	-	-	-
502	Drugs, chemicals, and allied products ...	-	38.7	38.7	39.2	39.2	-	-	-	-	-
503	Dry goods and apparel .....	-	37.7	37.7	37.0	37.1	-	-	-	-	-
504	Groceries and related products .....	-	40.0	40.9	40.4	40.7	-	-	-	-	-
506	Electrical goods .....	-	41.1	38.3	39.8	41.0	-	-	-	-	-
507	Hardware, plumbing & heating equipment ..	-	40.4	40.2	39.8	40.4	-	-	-	-	-
508	Machinery, equipment, and supplies .....	-	40.8	41.0	40.7	40.7	-	-	-	-	-
509	Miscellaneous wholesalers .....	-	39.6	39.6	39.2	39.6	-	-	-	-	-
52-59	<b>RETAIL TRADE .....</b>	33.7	34.7	34.8	33.8	35.0	-	-	-	-	-
53	Retail general merchandise .....	-	33.0	32.9	32.2	33.1	-	-	-	-	-
531	Department stores .....	-	32.5	32.5	31.8	32.5	-	-	-	-	-
532	Mail order houses .....	-	38.1	37.7	38.0	37.4	-	-	-	-	-
533	Variety stores .....	-	31.0	30.4	30.5	31.4	-	-	-	-	-
54	Food stores .....	-	33.5	33.8	33.0	33.8	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores ...	-	33.8	34.2	33.3	34.0	-	-	-	-	-
56	Apparel and accessory stores .....	-	32.5	32.6	31.9	33.0	-	-	-	-	-
561	Men's & boys' clothing & furnishings ..	-	33.8	34.4	33.8	35.0	-	-	-	-	-
562	Women's ready-to-wear stores .....	-	31.2	31.1	30.7	31.5	-	-	-	-	-
565	Family clothing stores .....	-	34.8	34.6	33.5	34.9	-	-	-	-	-
566	Shoe stores .....	-	32.4	32.0	31.5	32.7	-	-	-	-	-
57	Furniture and home furnishings stores ..	-	37.9	38.0	37.0	37.7	-	-	-	-	-
571	Furniture and home furnishings .....	-	37.6	37.7	36.9	37.6	-	-	-	-	-
58	Eating and drinking places <sup>6</sup> .....	-	32.4	32.4	31.1	32.9	-	-	-	-	-
52,55,59	Other retail trade .....	-	38.6	38.8	37.6	38.6	-	-	-	-	-
52	Building materials and farm equipment ..	-	40.9	41.2	39.6	40.3	-	-	-	-	-
551,2	Motor vehicle dealers .....	-	40.8	40.7	40.3	40.8	-	-	-	-	-
553,9	Other automotive & accessory dealers ..	-	42.3	42.2	41.6	41.7	-	-	-	-	-
591	Drug stores and proprietary stores ..	-	33.0	33.5	31.8	33.4	-	-	-	-	-
594	Book and stationery stores .....	-	34.9	35.1	33.8	35.1	-	-	-	-	-
598	Fuel and ice dealers .....	-	38.1	38.4	38.7	38.7	-	-	-	-	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup> .....</b>	37.0	37.3	37.1	36.6	36.9	-	-	-	-	-
60	Banking .....	-	37.2	37.0	36.6	37.2	-	-	-	-	-
61	Credit agencies other than banks .....	-	38.4	38.0	37.3	37.7	-	-	-	-	-
612	Savings and loan associations .....	-	38.1	37.8	36.7	37.1	-	-	-	-	-
62	Security, commodity brokers & services ..	-	37.0	37.1	36.9	36.9	-	-	-	-	-
63	Insurance carriers .....	-	37.1	36.9	36.8	37.0	-	-	-	-	-
631	Life insurance .....	-	36.6	36.2	36.4	36.5	-	-	-	-	-
632	Accident and health insurance .....	-	37.0	37.1	36.0	36.5	-	-	-	-	-
633	Fire, marine, and casualty insurance ..	-	37.6	37.5	37.4	37.6	-	-	-	-	-
-	<b>SERVICES .....</b>	34.1	34.7	34.8	34.3	35.0	-	-	-	-	-
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> ...	-	35.8	35.1	34.4	35.9	-	-	-	-	-
	Personal Services:										
721	Laundries & dry cleaning plants .....	-	35.6	35.6	35.4	36.0	-	-	-	-	-
722	Photographic studios .....	-	35.4	34.9	34.8	35.6	-	-	-	-	-
	Motion pictures:										
781	Motion picture filming & distributing ..	-	37.7	37.2	39.0	40.3	-	-	-	-	-
806	Hospitals .....	-	34.5	34.9	34.4	34.8	-	-	-	-	-

<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. Average weekly earnings, average hourly earnings, and average weekly hours for 1971 are as follows: January--\$180.20, \$4.25, 42.4; February--\$194.38, \$4.31, 45.1; March--\$188.63, \$4.22, 44.7; April--\$188.75, \$4.28, 44.1; May--\$178.76, \$4.36, 41.0; June \$195.33, \$4.36, 44.8.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistant; operating room instructors; and pay-station attendants. In 1968, such employees made up 32 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 1968, such employees made up 32 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.

p-preliminary.

**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	1971						1970						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>EXECUTIVE BRANCH</b>													
Total employment . . . . .	2,634.5	2,620.7	2,622.9	2,610.8	2,608.4	2,602.2	2,656.6	2,611.1	2,606.6	2,611.9	2,637.4	2,662.9	2,672.7
Average weekly hours . . . . .	39.2	39.2	39.2	39.3	39.5	39.3	42.9	39.7	39.6	39.4	39.2	39.3	38.9
Average overtime hours . . . . .	.8	.9	.8	.8	.8	.9	3.8	.9	1.0	.9	.9	.8	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	138.8	139.6	139.0	139.5	139.8	138.8	149.5	134.8	133.1	131.9	128.8	127.0	127.3
Average hourly earnings . . . . .	139.5	140.3	139.7	139.1	139.5	139.2	137.3	133.8	132.4	131.9	129.5	127.3	128.9
<b>DEPARTMENT OF DEFENSE</b>													
Total employment . . . . .	999.7	999.7	1,001.5	1,000.5	998.9	999.9	1,003.8	1,006.8	1,009.1	1,013.4	1,021.9	1,034.5	1,044.7
Average weekly hours . . . . .	39.8	39.9	39.8	40.1	40.1	40.0	40.0	40.2	40.2	39.9	40.0	39.9	39.3
Average overtime hours . . . . .	.9	.9	.7	.8	.8	.8	.8	.8	.8	.8	.7	.7	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	139.9	141.1	140.7	141.3	141.5	140.1	136.8	135.1	132.4	131.4	128.5	127.9	129.4
Average hourly earnings . . . . .	141.7	142.5	142.5	142.0	142.2	141.1	137.9	135.4	132.7	132.7	129.4	129.2	132.7
<b>POSTAL SERVICE</b>													
Total employment . . . . .	714.1	715.7	718.2	718.0	718.7	720.6	776.8	725.0	718.0	718.7	723.5	726.8	723.9
Average weekly hours . . . . .	38.4	38.5	38.5	38.3	39.2	38.8	51.3	39.5	39.1	38.9	38.8	38.5	38.7
Average overtime hours . . . . .	.7	.9	.9	.7	.8	1.1	11.4	1.2	1.5	.9	.9	.7	.9
Indexes (1967=100):													
Average weekly earnings . . . . .	135.0	135.9	135.6	134.6	137.8	136.1	195.7	136.3	135.6	133.7	132.7	121.6	123.2
Average hourly earnings . . . . .	135.7	136.3	136.0	135.7	135.7	135.4	147.3	133.2	133.8	132.6	132.0	122.0	122.9
<b>OTHER AGENCIES</b>													
Total employment . . . . .	920.7	905.3	903.2	892.3	890.8	881.7	876.0	879.3	879.5	879.8	892.0	901.6	904.1
Average weekly hours . . . . .	39.1	39.1	39.2	39.2	39.2	39.1	39.1	39.2	39.2	39.2	38.5	39.2	38.6
Average overtime hours . . . . .	.9	.9	.8	.8	.8	.8	.8	.9	1.0	1.1	.9	1.0	.9
Indexes (1967=100):													
Average weekly earnings . . . . .	141.4	142.4	141.5	141.5	142.3	141.9	134.4	135.0	133.5	133.0	127.7	131.0	129.5
Average hourly earnings . . . . .	140.3	141.3	140.1	140.1	140.8	140.8	133.4	133.7	132.2	131.7	128.7	129.7	130.2

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>				
	Sept. 1971 <sup>p</sup>	Aug. 1971 <sup>p</sup>	July 1971	Sept. 1970	Aug. 1970
<b>MANUFACTURING . . . . .</b>	\$3.46	\$3.43	\$3.45	\$3.29	\$3.24
<b>DURABLE GOODS . . . . .</b>	\$3.69	\$3.66	\$3.66	\$3.49	\$3.45
Ordnance and accessories . . . . .	-	3.77	3.78	3.56	3.52
Lumber and wood products . . . . .	-	3.06	3.05	2.93	2.92
Furniture and fixtures . . . . .	-	2.82	2.82	2.72	2.72
Stone, clay, and glass products . . . . .	-	3.52	3.50	3.28	3.26
Primary metal industries . . . . .	-	4.14	4.05	3.91	3.84
Fabricated metal products . . . . .	-	3.61	3.60	3.46	3.42
Machinery, except electrical . . . . .	-	3.90	3.88	3.68	3.65
Electrical equipment and supplies . . . . .	-	3.42	3.42	3.24	3.22
Transportation equipment . . . . .	-	4.23	4.24	3.95	3.94
Instruments and related products . . . . .	-	3.46	3.47	3.32	3.29
Miscellaneous manufacturing industries . . . . .	-	2.85	2.87	2.77	2.75
<b>NONDURABLE GOODS . . . . .</b>	3.17	3.15	3.16	3.02	2.97
Food and kindred products . . . . .	-	3.17	3.23	3.03	2.97
Tobacco manufactures . . . . .	-	3.06	3.19	2.80	2.71
Textile mill products . . . . .	-	2.46	2.45	2.37	2.34
Apparel and other textile products . . . . .	-	2.45	2.44	2.40	2.36
Paper and allied products . . . . .	-	3.53	3.51	3.35	3.31
Printing and publishing . . . . .	-	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Chemicals and allied products . . . . .	-	3.84	3.85	3.63	3.60
Petroleum and coal products . . . . .	-	4.41	4.40	4.13	4.08
Rubber and plastics products, n e c . . . . .	-	3.31	3.31	3.13	3.09
Leather and leather products . . . . .	-	2.53	2.52	2.46	2.43

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

<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.

p = preliminary.

**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, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970
<b>TOTAL PRIVATE:</b>									
Current dollars .....	\$ 129.03	\$ 127.94	\$ 122.20	\$ 104.26	\$ 103.42	\$ 97.99	\$ 112.90	\$ 112.02	\$ 106.78
1967 dollars .....	105.59	105.04	104.53	85.32	84.91	83.82	92.39	91.97	91.34
<b>MINING:</b>									
Current dollars .....	173.85	172.53	163.58	139.09	138.05	129.04	149.50	148.40	139.82
1967 dollars .....	142.27	141.65	139.93	113.82	113.34	110.38	122.34	121.84	119.61
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars .....	220.23	216.41	204.82	175.54	172.55	159.83	188.22	185.03	173.59
1967 dollars .....	180.22	177.68	175.21	143.65	141.67	136.72	154.03	151.91	148.49
<b>MANUFACTURING:</b>									
Current dollars .....	141.69	142.09	134.13	113.95	114.25	106.92	123.03	123.35	116.22
1967 dollars .....	115.95	116.66	114.74	93.25	93.80	91.46	100.68	101.27	99.42
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars .....	172.55	162.43	158.34	138.06	130.05	125.01	148.42	139.97	135.50
1967 dollars .....	141.20	133.36	135.45	112.98	106.77	106.94	121.46	114.92	115.91
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars .....	103.68	103.61	98.46	85.24	85.19	80.19	93.13	93.07	88.09
1967 dollars .....	84.84	85.07	84.23	69.75	69.94	68.60	76.21	76.41	75.36
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars .....	123.09	122.06	113.65	99.71	98.92	91.58	108.23	107.43	100.00
1967 dollars .....	100.73	100.21	97.22	81.60	81.22	78.34	88.57	88.20	85.54
<b>SERVICES:</b>									
Current dollars .....	104.10	103.70	98.70	85.56	85.26	80.38	93.46	93.15	88.28
1967 dollars .....	85.19	85.14	84.43	70.02	70.00	68.76	76.48	76.48	75.52
<b>CONSUMER PRICE INDEX (All items, 1967 = 100) .....</b>	122.2	121.8	116.9	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).

NOTE: Data for June 1971 revised as follows:

Industry	Gross average weekly earnings	Spendable average weekly earnings	
		Worker with no dependents	Worker with 3 dependents
Total private:			
Current dollars .....	\$127.57	\$103.14	\$111.73
1967 dollars .....	105.00	84.89	91.96
Transportation and public utilities:			
Current dollars .....	169.32	135.51	145.72
1967 dollars .....	139.36	111.53	119.93

**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**

1967 = 100

Industry division and group	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
	Man-hours				
<b>TOTAL . . . . .</b>	104.2	105.1	104.2	104.1	105.9
<b>GOODS-PRODUCING . . . . .</b>	96.2	95.8	94.0	98.0	99.4
<b>MINING . . . . .</b>	99.1	100.0	98.0	101.0	103.2
<b>CONTRACT CONSTRUCTION . . . . .</b>	106.0	110.5	108.9	104.2	114.4
<b>MANUFACTURING . . . . .</b>	94.4	93.0	91.3	96.9	96.6
<b>DURABLE GOODS . . . . .</b>	89.8	87.6	87.5	94.3	92.9
Ordnance and accessories . . . . .	53.5	53.5	52.5	68.4	69.0
Lumber and wood products . . . . .	101.0	101.8	99.8	94.9	96.5
Furniture and fixtures . . . . .	101.9	101.2	97.2	97.7	98.3
Stone, clay, and glass products . . . . .	103.8	104.4	102.5	103.0	103.4
Primary metal industries . . . . .	82.1	82.0	91.3	98.5	96.5
Fabricated metal products . . . . .	95.7	93.6	92.2	98.8	97.9
Machinery, except electrical . . . . .	81.3	79.3	79.6	88.5	89.2
Electrical equipment . . . . .	91.4	88.1	85.9	94.1	94.9
Transportation equipment . . . . .	88.5	82.5	82.1	92.5	83.2
Instruments and related products . . . . .	91.0	88.1	86.7	92.7	93.6
Miscellaneous manufacturing . . . . .	97.7	96.8	89.7	97.5	97.2
<b>NONDURABLE GOODS . . . . .</b>	101.2	101.0	96.8	100.6	102.0
Food and kindred products . . . . .	111.4	110.6	101.5	109.8	111.7
Tobacco manufactures . . . . .	99.5	85.0	67.1	105.0	103.5
Textile mill products . . . . .	97.6	99.0	95.8	96.2	98.3
Apparel and other textile products . . . . .	96.3	97.0	91.1	92.9	96.4
Paper and allied products . . . . .	99.3	99.4	97.2	100.7	101.3
Printing and publishing . . . . .	98.2	97.8	97.5	101.0	100.8
Chemicals and allied products . . . . .	98.2	97.7	98.0	102.5	101.1
Petroleum and coal products . . . . .	105.7	104.4	105.6	103.0	105.5
Rubber and plastics products, nec . . . . .	115.2	110.9	108.2	109.9	109.1
Leather and leather products . . . . .	82.5	86.5	84.1	84.2	88.0
<b>SERVICE-PRODUCING . . . . .</b>	109.8	111.6	111.2	108.4	110.4
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	104.9	104.9	100.1	107.4	107.6
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	107.2	109.3	109.4	105.4	107.9
WHOLESALE TRADE . . . . .	106.9	108.4	107.9	106.9	108.6
RETAIL TRADE . . . . .	107.3	109.6	109.9	104.8	107.7
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	117.1	119.6	119.2	112.7	115.3
<b>SERVICES . . . . .</b>	113.5	115.4	116.5	111.7	113.7

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

NOTE: Data for June 1971 revised as follows: Total - 104.9; service - producing - 110.8; and transportation and public utilities - 107.0.

**C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls--Continued**

1967 = 100

Industry division and group	Sept. 1971 <sup>P</sup>	Aug. 1971 <sup>P</sup>	July 1971	Sept. 1970	Aug. 1970
	Payrolls				
<b>TOTAL . . . . .</b>	135.6	135.3	133.5	127.8	128.3
<b>GOODS-PRODUCING . . . . .</b>	126.4	124.9	122.5	121.1	121.7
<b>MINING . . . . .</b>	128.8	128.8	124.5	123.2	124.2
<b>CONTRACT CONSTRUCTION . . . . .</b>	151.0	154.6	150.5	136.2	147.9
<b>MANUFACTURING . . . . .</b>	120.1	117.2	115.2	117.1	114.9
<b>DURABLE GOODS . . . . .</b>	114.4	110.6	110.3	113.8	110.6
Ordnance and accessories . . . . .	66.0	65.3	64.2	78.4	78.5
Lumber and wood products . . . . .	138.2	137.9	134.8	122.0	124.2
Furniture and fixtures . . . . .	128.8	127.5	121.5	117.6	118.5
Stone, clay, and glass products . . . . .	138.1	138.0	134.6	126.1	125.9
Primary metal industries . . . . .	106.4	105.1	114.4	120.0	115.0
Fabricated metal products . . . . .	121.2	117.7	115.7	119.5	117.0
Machinery, except electrical . . . . .	103.2	100.0	100.0	105.5	105.5
Electrical equipment . . . . .	116.4	111.4	108.6	113.0	113.2
Transportation equipment . . . . .	113.6	105.1	104.8	111.4	99.2
Instruments and related products . . . . .	114.5	110.0	107.9	111.0	111.0
Miscellaneous manufacturing . . . . .	123.2	121.2	112.4	117.9	116.7
<b>NONDURABLE GOODS . . . . .</b>	129.8	128.4	123.7	122.9	122.3
Food and kindred products . . . . .	141.0	139.6	130.5	133.2	132.4
Tobacco manufactures . . . . .	135.0	119.1	98.5	133.2	126.8
Textile mill products . . . . .	122.7	124.1	119.3	115.0	116.5
Apparel and other textile producers . . . . .	119.8	119.3	111.1	111.6	114.1
Paper and allied products . . . . .	129.3	129.1	125.5	124.2	123.1
Printing and publishing . . . . .	128.1	126.2	125.3	123.6	121.3
Chemicals and allied products . . . . .	127.2	125.6	125.8	125.1	121.5
Petroleum and coal products . . . . .	138.2	134.3	135.8	124.7	125.8
Rubber and plastics products, nec . . . . .	146.4	139.3	135.7	130.5	128.2
Leather and leather products . . . . .	104.3	108.5	104.9	101.8	105.6
<b>SERVICE-PRODUCING . . . . .</b>	143.6	144.3	142.9	133.6	134.0
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	139.2	137.8	130.9	130.8	129.8
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	138.7	140.1	140.0	129.3	130.8
<b>WHOLESALE TRADE . . . . .</b>	138.5	139.3	137.8	129.3	130.4
<b>RETAIL TRADE . . . . .</b>	138.8	140.5	141.1	129.4	131.0
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	150.1	153.0	151.9	135.3	137.6
<b>SERVICES . . . . .</b>	150.7	151.1	151.7	140.5	139.9

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

NOTE: Data for June 1971 revised as follows: Total - 134.1; service - producing - 142.3; and transportation and public utilities - 137.3.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED HOURS**

90

**C-7: Average weekly hours of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, seasonally adjusted**

Industry	1971								1970				
	Sept. p	Aug. p	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>TOTAL PRIVATE</b> .....	36.7	36.9	36.9	<sup>r</sup> 37.1	36.9	37.0	<sup>r</sup> 37.0	<sup>r</sup> 37.0	36.9	37.0	36.9	36.9	36.7
<b>MINING</b> ...	41.8	42.0	42.2	42.3	42.4	42.2	42.8	42.6	42.9	42.8	42.7	42.7	42.1
<b>CONTRACT CONSTRUCTION</b> ...	36.1	37.1	37.1	37.2	36.8	37.1	37.8	36.8	37.6	37.7	37.2	37.0	35.0
<b>MANUFACTURING</b> .....	39.6	39.8	40.0	40.0	40.0	39.8	39.8	39.8	39.8	39.5	39.6	39.4	39.3
<i>Overtime hours</i> .....	2.8	2.9	3.0	2.9	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.8	2.8
<b>DURABLE GOODS</b> .....	39.9	40.1	40.4	40.6	40.5	40.3	40.4	40.3	40.3	40.0	40.0	39.9	39.8
<i>Overtime hours</i> .....	2.6	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.7	2.6	2.5	2.6	2.7
Ordnance and accessories .....	41.6	41.9	41.9	41.6	41.5	41.5	41.9	41.4	41.1	40.7	40.4	40.2	39.7
Lumber and wood products .....	40.3	40.5	40.5	40.4	39.8	40.1	39.9	39.8	39.8	39.7	39.8	39.3	39.5
Furniture and fixtures .....	39.4	40.0	40.1	39.9	39.9	39.5	39.7	39.6	39.5	39.5	39.3	39.2	38.3
Stone, clay, and glass products .....	41.5	41.8	41.8	42.0	41.4	41.1	41.7	41.3	41.2	41.3	41.1	41.0	40.9
Primary metal industries .....	39.5	39.2	40.6	41.0	41.0	41.0	40.8	40.6	40.3	39.9	39.6	39.9	41.0
Fabricated metal products .....	39.8	40.3	40.7	40.6	40.7	40.1	40.3	40.4	40.4	40.2	40.1	40.2	39.8
Machinery, except electrical .....	40.3	40.7	40.7	40.7	40.5	40.0	40.2	40.1	40.2	40.3	40.6	40.4	40.1
Electrical equipment and supplies .....	39.8	40.0	40.1	39.9	39.9	39.8	39.7	39.7	39.7	39.7	39.7	39.7	39.0
Transportation equipment .....	39.1	40.0	39.5	41.4	41.1	40.6	41.7	41.5	41.3	40.2	40.0	39.9	39.8
Instruments and related products .....	39.9	39.6	39.8	39.7	40.0	39.7	39.7	39.7	39.8	39.6	39.9	39.8	39.4
Miscellaneous manufacturing industries .....	38.7	39.2	39.2	38.7	38.9	38.6	38.8	38.4	38.6	38.7	38.5	38.4	38.1
<b>NONDURABLE GOODS</b> .....	39.1	39.3	39.3	39.3	39.4	39.2	39.1	39.1	39.2	39.0	39.0	38.9	38.6
<i>Overtime hours</i> .....	3.0	3.0	3.0	3.1	3.0	2.9	2.9	2.9	2.9	2.7	2.8	2.8	2.8
Food and kindred products .....	40.8	40.6	40.5	40.4	40.5	40.5	40.5	40.7	40.7	40.5	40.4	40.5	40.0
Tobacco manufactures .....	37.5	37.3	39.6	36.2	38.3	37.5	38.0	36.1	39.1	39.3	38.4	38.0	36.4
Textile mill products .....	39.9	40.6	40.3	40.8	40.8	40.4	40.3	40.2	40.4	39.7	39.7	39.6	38.9
Apparel and other textile products .....	35.5	35.8	35.8	35.4	35.5	35.1	35.2	35.0	35.2	35.3	35.3	35.0	34.1
Paper and allied products .....	42.0	42.5	42.4	42.3	42.1	42.3	41.9	41.8	41.7	41.4	41.7	41.6	41.5
Printing and publishing .....	37.5	37.5	37.6	37.7	37.7	37.5	37.5	37.4	37.6	37.5	37.5	37.4	37.4
Chemicals and allied products .....	41.8	41.5	41.4	41.7	41.5	41.7	41.4	41.5	41.5	41.4	41.3	41.3	42.0
Petroleum and coal products .....	43.8	43.4	42.6	42.3	41.7	41.7	41.9	42.9	42.5	43.3	42.8	43.1	43.5
Rubber and plastics products, nec .....	40.1	40.2	40.3	40.7	40.4	40.3	40.3	39.9	40.1	39.6	39.5	39.6	40.0
Leather and leather products .....	37.5	37.5	37.7	37.5	37.8	38.3	37.4	36.9	37.1	37.2	37.1	37.0	36.6
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> ...	40.4	40.4	38.0	<sup>r</sup> 40.7	<sup>r</sup> 40.0	<sup>r</sup> 40.6	<sup>r</sup> 40.6	<sup>r</sup> 40.6	<sup>r</sup> 39.9	40.3	40.3	40.2	40.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	35.0	35.1	35.3	35.2	35.1	35.2	35.0	35.1	35.1	35.1	35.2	35.2	35.2
<b>WHOLESALE TRADE</b> .....	39.8	39.8	39.6	39.9	39.8	39.6	39.7	39.7	39.7	39.8	39.8	39.9	39.7
<b>RETAIL TRADE</b> .....	33.6	33.6	33.8	33.7	33.7	33.7	33.5	33.6	33.6	33.7	33.7	33.8	33.7
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> ...	37.1	37.3	37.1	37.0	37.0	36.9	36.9	36.8	36.7	36.7	36.7	36.7	36.7
<b>SERVICES</b> .....	34.2	34.3	34.4	34.1	34.1	34.1	34.0	34.2	34.2	34.3	34.3	34.3	34.4

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

p = preliminary.

r = revised.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED**
**C-8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers<sup>1</sup>**  
**on private nonagricultural payrolls, seasonally adjusted**

Industry division and group	1971										1970		
	Sept. p	Aug. p	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>TOTAL</b> .....	102.7	102.7	102.4	103.1	103.1	102.7	102.5	102.3	102.5	102.4	101.6	101.9	102.5
<b>GOODS-PRODUCING</b> .....	92.7	92.8	93.2	94.1	94.4	93.7	93.7	93.1	94.2	94.1	92.1	92.6	94.4
<b>MINING</b> .....	97.5	96.7	94.4	99.0	100.1	99.7	100.9	100.4	101.7	101.3	101.1	100.8	99.2
<b>CONTRACT CONSTRUCTION</b> .....	95.0	97.0	97.4	98.5	98.3	99.3	100.3	95.1	100.3	101.5	99.9	99.0	93.3
<b>MANUFACTURING</b> .....	92.1	91.9	92.4	93.1	93.5	92.5	92.4	92.5	92.9	92.6	90.4	91.1	94.4
<b>DURABLE GOODS</b> .....	88.2	88.0	89.0	90.0	90.2	88.9	88.9	89.3	89.6	89.3	85.7	87.1	92.6
Ordnance and accessories .....	53.2	54.2	53.6	54.4	56.0	55.4	57.1	58.1	61.1	62.2	63.4	65.3	67.8
Lumber and wood products .....	98.1	97.4	97.0	95.8	93.6	93.8	93.1	92.7	92.1	91.3	92.5	91.5	92.2
Furniture and fixtures .....	99.7	99.1	100.7	99.6	98.9	97.1	97.0	96.5	96.6	96.6	96.8	96.6	95.4
Stone, clay, and glass products .....	100.2	100.3	99.7	100.8	99.9	98.4	98.7	98.1	98.3	98.7	98.0	98.8	99.5
Primary metal industries .....	82.7	81.6	90.0	93.8	95.3	94.9	93.9	93.0	92.3	90.9	89.5	93.0	99.3
Fabricated metal products .....	93.6	93.7	94.6	94.1	95.0	93.0	90.4	93.0	93.1	93.0	90.0	91.9	96.6
Machinery, except electrical .....	81.4	81.1	80.8	80.5	80.6	79.8	80.9	81.4	82.7	84.2	85.6	86.3	88.6
Electrical equipment .....	89.6	87.9	88.2	88.5	88.9	88.2	87.6	87.9	88.4	89.1	88.4	91.4	92.0
Transportation equipment .....	85.7	87.6	86.6	90.9	90.8	87.7	90.1	90.5	90.6	87.6	67.8	67.9	89.0
Instruments and related products .....	90.3	88.3	88.0	87.5	87.8	86.5	86.5	87.5	89.1	89.0	90.3	91.1	91.9
Miscellaneous manufacturing .....	92.8	93.7	93.4	92.2	92.7	91.7	91.9	91.5	92.0	92.5	90.9	91.8	92.5
<b>NONDURABLE GOODS</b> .....	97.9	97.7	97.4	97.7	98.3	97.8	97.4	97.3	97.7	97.3	97.3	97.1	97.1
Food and kindred products .....	100.1	99.8	99.1	98.0	98.8	98.5	98.8	99.4	99.5	99.0	98.7	98.3	97.7
Tobacco manufactures .....	80.3	73.3	77.9	81.4	87.4	86.9	85.4	83.7	89.3	91.1	90.3	88.1	84.3
Textile mill products .....	96.8	98.2	97.5	98.4	99.2	97.6	97.3	97.3	98.2	96.2	96.1	96.2	95.1
Apparel and other textile products .....	95.0	95.2	94.7	94.4	95.9	94.7	94.6	93.4	93.8	94.5	94.2	93.1	91.5
Paper and allied products .....	98.1	98.1	97.0	97.7	97.0	99.0	97.9	98.2	98.3	97.8	99.1	98.6	99.5
Printing and publishing .....	97.4	97.4	97.9	99.1	99.1	98.4	98.7	98.9	99.5	99.7	99.6	99.6	100.2
Chemicals and allied products .....	98.3	97.3	97.9	99.1	99.1	98.9	98.1	98.8	99.1	98.9	99.3	100.2	102.7
Petroleum and coal products .....	103.9	102.9	100.2	99.5	98.9	98.9	99.4	103.5	100.8	102.7	100.6	100.4	101.4
Rubber and plastics products, nec .....	112.8	109.6	110.4	111.3	110.2	108.7	108.0	105.2	105.2	103.7	103.4	104.2	107.6
Leather and leather products .....	83.8	85.1	84.2	85.7	86.8	87.6	84.5	83.7	84.5	84.4	85.2	85.9	85.6
<b>SERVICE-PRODUCING</b> .....	109.7	109.5	108.7	109.4	109.1	109.0	108.6	108.7	108.3	108.1	108.2	108.3	108.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	103.2	103.0	97.6	105.5	104.1	105.4	105.7	105.8	103.6	103.0	104.5	104.7	105.6
<b>WHOLESALE AND RETAIL TRADE</b> .....	107.3	106.9	107.0	106.8	106.9	106.4	105.8	105.8	105.7	105.5	105.3	105.9	105.4
<b>WHOLESALE TRADE</b> .....	106.4	106.7	105.7	106.6	107.4	106.5	106.8	106.4	106.5	106.8	106.6	107.1	106.3
<b>RETAIL TRADE</b> .....	107.6	107.1	107.4	106.8	106.8	106.4	105.5	105.6	105.4	105.0	104.7	105.4	105.0
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	117.2	117.1	116.7	116.7	116.1	115.1	114.6	114.2	113.7	113.4	113.2	112.9	112.8
<b>SERVICES</b> .....	113.7	113.8	114.0	112.7	112.4	112.3	111.8	112.4	112.3	112.5	112.3	112.0	111.9

<sup>1</sup> For coverage of series, see footnote 1, table B-2.  
 p=preliminary.  
 r=revised.

**C-9: Man-hours of wage and salary workers<sup>1</sup> in nonagricultural establishments**

Industry division	Annual rate, millions of man-hours <sup>2</sup>			Percent change <sup>3</sup>		
	September 1971 p	August 1971 P	July 1971	August 1971 to Septem- ber 1971	July 1971 to August 1971	September 1970 to September 1971
<b>TOTAL - ALL INDUSTRIES</b> .....	137,678	137,707	137,911	- 0.3	- 1.8	0.5
<b>TOTAL - PRIVATE</b> .....	111,433	111,422	111,728	0.1	- 3.2	0.1
<b>MINING</b> .....	1,345	1,330	1,310	14.4	19.9	- 0.7
<b>CONTRACT CONSTRUCTION</b> .....	6,078	6,208	6,227	-22.4	- 3.6	2.3
<b>MANUFACTURING</b> .....	38,254	38,126	38,390	4.1	- 7.9	- 2.7
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,357	9,317	9,310	5.3	0.9	- 1.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	27,764	27,767	27,824	- 0.1	- 2.4	1.8
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	7,371	7,378	7,343	- 1.1	5.9	4.5
<b>SERVICES</b> .....	21,264	21,296	21,324	- 1.8	- 1.6	1.9
<b>GOVERNMENT</b> .....	26,245	26,285	26,183	- 1.8	4.8	1.9

<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 22. 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: Output per man-hour, hourly compensation, and unit labor costs,  
private economy, seasonally adjusted**

(Indexes 1967 = 100)

Year and quarter	Output		Man-hours		Output per man-hour		Compensation per man-hour <sup>1</sup>		Real compensation per man-hour <sup>2</sup>		Unit labor costs		Unit nonlabor payments <sup>3</sup>		Implicit price deflator	
	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm
1968: 1st quarter	102.6	102.8	100.8	100.9	101.8	101.8	104.3	104.5	101.9	102.1	102.5	102.6	101.6	101.3	102.1	102.1
2d quarter	104.6	104.9	101.8	102.0	102.7	102.9	106.3	106.1	102.6	102.5	103.4	103.1	102.5	102.8	103.1	103.0
3d quarter	105.6	105.9	102.3	102.7	103.3	103.1	108.5	108.0	103.5	103.0	105.1	104.7	102.2	102.7	104.0	103.9
4th quarter	106.3	106.6	102.6	103.0	103.6	103.4	110.8	110.3	104.5	104.0	106.9	106.6	102.2	102.4	105.1	105.0
Annual average	104.8	105.1	101.9	102.2	102.9	102.8	107.6	107.2	103.2	102.9	104.6	104.3	102.0	102.3	103.6	103.5
1969: 1st quarter	107.1	107.2	103.5	104.1	103.5	103.0	112.6	111.9	104.9	104.2	108.7	108.6	102.5	102.4	106.3	106.3
2d quarter	107.5	107.9	104.3	105.0	103.1	102.7	114.3	113.6	104.8	104.1	110.9	110.6	102.6	102.2	107.7	107.4
3d quarter	108.0	108.3	104.5	105.5	103.3	102.6	116.5	115.5	105.3	104.3	112.8	112.5	102.9	102.8	109.0	108.8
4th quarter	107.6	107.8	104.1	105.3	103.3	102.4	118.8	117.4	105.8	104.7	115.0	114.7	102.7	102.2	110.2	110.0
Annual average	107.5	107.8	104.1	105.0	103.3	102.7	115.6	114.6	105.3	104.4	111.9	111.6	102.6	102.4	108.3	108.1
1970: 1st quarter	106.7	107.1	103.9	105.2	102.7	101.8	120.8	119.3	106.0	104.8	117.6	117.2	102.2	101.4	111.6	111.2
2d quarter	106.9	107.2	103.3	104.2	103.6	102.9	122.3	121.2	105.6	104.7	118.1	117.8	104.4	104.1	112.8	112.6
3d quarter	107.3	107.7	102.2	103.4	105.0	104.3	124.9	123.7	106.7	105.7	119.0	118.6	106.5	106.7	114.1	114.1
4th quarter	106.1	106.2	101.0	102.2	105.1	103.9	126.9	125.5	107.1	105.9	120.7	120.7	108.1	108.8	115.8	116.2
Annual average	106.8	107.1	102.6	103.7	104.1	103.2	123.7	122.4	106.3	105.2	118.9	118.6	105.3	105.2	113.6	113.5
1971: 1st quarter	108.3	108.5	101.3	102.6	106.9	105.8	129.9	128.4	108.7	107.5	121.5	121.4	110.3	110.7	117.1	117.4
2d quarter	109.5	109.7	101.9	102.9	107.5	106.6	132.0	130.8	109.3	108.3	122.9	122.7	111.2	111.7	118.3	118.5
Percent change over previous quarter at annual rate <sup>4</sup>																
1968: 1st quarter	5.6	6.1	1.0	1.5	4.5	4.5	9.0	9.6	4.7	5.2	4.3	4.8	1.7	0.6	3.3	3.3
2d quarter	7.7	8.6	3.8	4.2	3.8	4.2	7.7	6.3	2.8	1.4	3.8	2.0	3.6	5.7	3.7	3.4
3d quarter	4.2	3.8	2.0	2.8	2.1	1.0	8.8	7.3	3.6	2.1	6.5	6.3	-1.0	-0.4	3.6	3.7
4th quarter	2.7	2.4	1.3	1.3	1.4	1.1	8.7	8.8	3.9	3.9	7.2	7.6	0.0	-1.1	4.4	4.3
1969: 1st quarter	3.0	2.5	3.4	4.2	-0.4	-1.6	6.4	5.9	1.4	0.9	6.8	7.7	1.0	0.0	4.6	4.7
2d quarter	1.4	2.4	3.2	3.5	-1.8	-1.1	6.5	6.4	-0.4	-0.5	8.4	7.6	0.4	-0.9	5.4	4.4
3d quarter	1.8	1.6	0.9	1.9	0.9	-0.3	7.9	6.7	2.0	0.9	7.0	7.1	1.3	2.4	4.8	5.3
4th quarter	-1.5	-1.7	-1.6	-0.7	0.1	-1.0	7.9	7.0	2.1	1.2	7.8	8.1	-1.0	-2.2	4.5	4.4
1970: 1st quarter	-3.0	-2.7	-0.8	-0.5	-2.3	-2.1	7.1	6.6	0.8	0.4	9.6	9.0	-1.8	-3.3	5.4	4.5
2d quarter	0.8	0.6	-2.4	-3.7	3.2	4.5	4.8	6.5	-1.6	0.0	1.6	1.9	9.0	11.2	4.1	5.1
3d quarter	1.5	2.0	-4.0	-3.1	5.6	5.2	8.9	8.3	4.2	3.6	3.1	2.9	8.2	10.4	4.9	5.5
4th quarter	-4.4	-5.6	-5.0	-4.4	0.6	-1.2	6.7	6.1	1.3	0.7	6.1	7.4	6.3	7.9	6.2	7.6
1971: 1st quarter	8.6	8.9	1.5	1.6	6.9	7.2	9.6	9.6	6.2	6.2	2.6	2.3	8.0	7.4	4.5	4.1
2d quarter	4.3	4.4	2.2	1.2	2.1	3.2	6.7	7.5	2.2	3.0	4.5	4.2	3.5	3.6	4.2	4.0
Percent change over previous year <sup>5</sup>																
Year ending -																
1970: 1st quarter	-0.3	-0.1	0.4	1.0	-0.8	-1.1	7.3	6.7	1.1	0.5	8.2	7.9	-0.3	-1.0	5.0	4.7
2d quarter	-0.5	-0.6	-1.0	-0.8	0.5	0.2	6.9	6.7	0.8	0.6	6.4	6.5	1.8	1.9	4.7	4.8
3d quarter	-0.6	-0.5	-2.2	-2.0	1.6	1.6	7.2	7.1	1.3	1.3	5.5	5.4	3.5	3.8	4.7	4.9
4th quarter	-1.3	-1.5	-3.0	-3.0	1.7	1.5	6.9	6.9	1.1	1.1	5.0	5.3	5.3	6.4	5.2	5.7
1971: 1st quarter	1.5	1.3	-2.5	-2.4	4.1	3.9	7.5	7.6	2.5	2.6	3.3	3.6	7.9	9.2	4.9	5.5
2d quarter	2.4	2.3	-1.3	-1.2	3.8	3.6	8.0	7.9	3.5	3.4	4.1	4.2	6.5	7.3	5.0	5.3

<sup>1</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplementary payments for the 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> Percent change computed from original data.

<sup>5</sup> Current quarter divided by comparable quarter a year ago.

NOTE: Man-hour data underlying these indexes are based on a March 1969 benchmark.

Source: Output data from the Office of Business Economic, U.S. Department of Commerce. Man-hours and compensation of all persons from the Bureau of Labor Statistics. See BLS Handbook of Methods for Surveys and Studies—Chapter 22, Output Per Man-Hour Measures, Private Economy.

## EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

### C-11: Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period <sup>1</sup> ending in-								
	1971			1970			1969		
	Sept. <sup>P</sup>	June	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.
<b>Average hourly compensation:</b>									
All persons, total private economy	(*)	8.0	7.5	6.9	7.2	6.9	7.3	7.2	7.4
All employees, private nonfarm economy	(*)	8.0	7.7	6.9	7.0	6.6	6.6	6.4	6.9
<b>Average hourly earnings, private nonfarm economy<sup>2</sup>:</b>									
Mining	6.1	6.7	6.3	5.6	6.1	5.9	6.3	6.7	6.7
Contract construction	6.5	6.2	5.9	6.6	6.5	6.7	6.9	7.8	7.6
Manufacturing	8.6	9.4	9.1	9.1	9.8	9.1	10.5	10.0	9.2
Transportation and public utilities	5.6	6.4	6.4	4.4	5.6	5.6	5.6	6.0	6.4
Wholesale and retail trade	9.1	8.7	8.9	6.7	6.1	5.5	5.7	6.1	6.3
Finance, insurance, and real estate	5.7	6.2	5.9	5.5	6.2	6.3	6.7	6.8	6.3
Services	7.3	7.8	6.1	5.5	5.2	4.6	5.1	5.3	5.4
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts	6.0	7.2	7.7	8.0	8.0	7.1	7.3	6.8	6.9
<b>Average hourly earnings, private nonfarm economy,<sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts</b>									
Mining	6.9	7.4 <sup>r</sup>	7.3 <sup>r</sup>	6.6	6.9	6.5	6.6	6.7	6.6
Contract construction	6.3	5.7	5.0	5.6	5.8	5.9	6.5	7.2	7.9
Manufacturing	8.5	9.3	9.1	9.1	9.9	9.1	10.2	9.9	9.2
Transportation and public utilities	6.5	6.9	7.1	6.3	6.6	6.4	6.0	6.0	6.2
Wholesale and retail trade	(*)	(**)	(**)	6.6	6.2	5.5	5.9	5.9	6.2
Finance, insurance, and real estate	6.1	6.5	5.9	5.6	6.1	6.1	6.5	6.8	6.4
Services	7.0	7.6	6.4	6.2	6.3	5.8	5.7	5.9	5.4
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	6.5	7.7	7.8	7.7	7.6	6.6	6.9	6.9	6.6
<b>Average union scales, 7 building trades:</b>									
Wages and selected benefits	(*)	8.6	13.9	10.5	10.4	14.8	9.8	9.6	10.4
Hourly wage rates	(*)	12.1	13.5	12.9	12.8	12.9	10.3	10.7	9.5
Wage rates, hired farm labor	(*)	11.3	12.3	11.8	11.7	11.9	9.2	9.5	8.6
Average weekly earnings, private nonfarm economy: <sup>2</sup>	(*)	4.8	5.5	5.6	6.3	5.1	5.2	6.6	6.7
Current dollars	(*)	5.6	6.2	5.2	3.8	4.4	4.3	5.5	6.1
1967 dollars	(*)	1.7	.3	-1.8	-1.2	-1.7	-.7	.5	.5
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	1.8	.5	-1.3	-.8	-1.3	-.6	-.8	-.8

<sup>1</sup> Current quarter divided by comparable quarter a year earlier.

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

<sup>3</sup> Computed from data that are not seasonally adjusted.

<sup>r</sup>=revised.

\* Not available.

<sup>p</sup>= preliminary.

\*\* Revised series not available.

NOTE: See technical description at end of table C-15.

### C-12: Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1971			1970			1969		
	Sept. <sup>P</sup>	June	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.
<b>Average hourly compensation:</b>									
All persons, total private economy	(*)	6.7	9.6	6.7	8.9	4.8	7.1	7.9	7.9
All employees, private nonfarm economy	(*)	7.3	9.7	6.5	8.4	6.4	6.3	6.9	6.7
<b>Average hourly earnings, private nonfarm economy<sup>1</sup>:</b>									
Mining	4.8	6.9	7.5	5.0	7.3	5.6	4.3	7.1	6.3
Contract construction	7.1	6.5	4.5	7.8	6.1	5.4	7.0	7.6	6.9
Manufacturing	8.3	9.5	8.6	8.0	11.6	8.1	8.6	10.9	8.7
Transportation and public utilities	4.2	5.8	11.8	.8	7.4	5.8	3.7	5.5	7.4
Wholesale and retail trade	10.4	4.6	13.0	8.5	8.7	5.4	4.4	6.0	6.0
Finance, insurance, and real estate	5.2	6.3	6.4	5.0	7.1	5.1	4.6	8.0	7.6
Services	5.0	9.5	7.9	7.1	6.8	2.7	5.5	6.0	4.2
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts	3.2	5.6	7.1	8.2	7.9	7.5	8.2	8.4	4.2
<b>Average hourly earnings, private nonfarm economy,<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts</b>									
Mining	6.3	7.0 <sup>r</sup>	8.0 <sup>r</sup>	5.9	8.3	6.6	5.7	7.1	6.5
Contract construction	7.8	7.0	4.7	5.9	5.1	4.4	6.7	6.8	5.6
Manufacturing	8.3	9.6	8.3	7.6	11.8	8.8	8.1	10.9	8.6
Transportation and public utilities	6.0	6.3	8.9	4.7	7.6	7.2	5.5	6.0	6.9
Wholesale and retail trade	(*)	(**)	(**)	6.6	9.4	6.0	4.7	4.9	6.4
Finance, insurance, and real estate	5.8	7.3	6.6	5.0	7.0	4.9	5.4	7.3	6.7
Services	4.1	9.5	7.2	7.0	6.8	4.8	6.3	7.5	4.5
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	3.3	6.3	7.4	9.1	8.0	6.7	7.0	8.8	4.1
<b>Average union scales, 7 building trades:</b>									
Wages and selected benefits	(*)	1.6	3.5	3.8	2.6	5.3	1.7	3.7	4.7
Hourly wage rates	(*)	18.5	8.7	12.2	9.5	24.6	6.4	11.6	10.0
Wage rates, hired farm labor	(*)	17.9	9.0	10.2	8.4	22.1	6.9	10.0	9.1
Average weekly earnings, private nonfarm economy: <sup>1</sup>	(*)	2.3	2.4	2.4	12.7	5.0	2.5	5.1	7.9
Current dollars	(*)	3.5	7.5	8.3	3.1	6.1	2.7	5.6	5.5
1967 dollars	(*)	2.8	4.8	-2.6	2.0	-2.8	-3.6	-.3	.2
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	3.1	5.6	-2.7	1.4	-2.2	-1.5	-.9	-.5

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

<sup>2</sup> Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

<sup>r</sup>=revised.

\* Not available.

<sup>p</sup>= preliminary.

\*\* Revised series not available.

NOTE: See technical description at end of table C-15.

**EMPLOYEE COMPENSATION DATA**  
**SEASONALLY ADJUSTED**

**C-13: Twelve-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 12-month period <sup>1</sup> ending in--												
	1971									1970			
	Sept. <sup>P</sup>	Aug. <sup>P</sup>	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Average hourly earnings, private nonfarm economy <sup>2</sup>	5.8	6.1	6.2	6.5	6.9	6.6	6.3	6.3	6.4	5.8	5.4	5.5	5.5
Mining	6.4	7.0	6.0	5.7	6.3	6.6	5.8	6.1	5.9	6.7	6.8	6.3	6.6
Contract construction	9.0	8.0	8.7	9.4	10.3	8.5	9.0	9.5	8.7	8.4	9.5	9.3	9.2
Manufacturing	5.3	5.6	5.9	6.3	6.3	6.6	6.3	6.7	6.1	5.5	4.0	3.7	5.9
Transportation and public utilities	9.0	9.0	9.3	8.1	8.7	9.3	9.0	9.1	8.6	7.5	6.2	6.5	6.0
Wholesale and retail trade	5.5	5.8	5.9	6.3	6.3	6.0	6.0	5.6	6.1	5.3	5.3	5.7	6.2
Finance, insurance, and real estate	7.1	7.4	7.5	7.9	8.2	7.3	6.3	6.3	5.7	5.4	5.4	5.7	5.4
Services	5.2	6.4	6.4	6.8	7.6	7.2	7.3	7.7	8.1	8.2	7.8	7.9	8.3
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts	6.8	6.9	7.0 <sup>r</sup>	7.2 <sup>r</sup>	7.6 <sup>r</sup>	7.4 <sup>r</sup>	7.1 <sup>r</sup>	7.4 <sup>r</sup>	7.4 <sup>r</sup>	6.8	6.5	6.5	7.0
Mining	6.5	6.8	5.7	5.6	5.9	5.6	4.9	5.2	5.1	5.8	5.5	5.3	5.9
Contract construction	8.7	8.1	8.6	9.1	10.0	8.9	9.0	9.4	8.9	8.3	9.3	9.6	9.3
Manufacturing	6.3	6.5	6.6	6.8	6.8	7.1	7.0	7.2	7.1	6.9	6.0	5.9	6.7
Transportation and public utilities	(*)	(**)	(**)	(**)	(**)	(**)	(**)	(**)	(**)	6.8	6.4	6.7	6.3
Wholesale and retail trade	5.9	6.1	6.5	6.6	6.6	6.2	5.7	5.7	6.1	5.4	5.5	5.8	6.2
Finance, insurance, and real estate	6.7	7.0	7.1	7.4	8.2	7.2	6.5	6.6	6.2	6.2	6.0	6.5	6.4
Services	5.9	6.9	6.8	7.3	8.3	7.5	7.2	7.8	8.4	8.0	7.5	7.5	8.2
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	(*)	(*)	8.2	8.2	9.5	13.8	14.2	13.7	11.4	10.0	9.9	9.9
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	5.8	5.6	5.3	6.3	6.3	6.1	5.5	5.2	5.0	4.0	3.9	3.6	3.2
1967 dollars	(*)	1.0	.9	1.7	1.8	1.6	.8	.3	-.2	-1.3	-1.8	-2.2	-2.5
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	1.1	1.1	1.8	1.9	1.7	1.0	.5	(4/)	-.9	-1.2	-1.7	-1.9

<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.  
<sup>4</sup> Less than 0.05 percent.  
r=revised.

\* Not available.  
p= preliminary.

\*\* Revised series not available.

NOTE: See technical description at end of table C-15.

**C-14: Six-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in--												
	1971									1970			
	Sept. <sup>P</sup>	Aug. <sup>P</sup>	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Average hourly earnings, private nonfarm economy <sup>2</sup>	4.8	6.7	6.1	6.8	7.4	7.5	6.9	5.6	6.3	6.3	6.4	5.7	5.8
Mining	6.6	8.2	5.6	4.6	5.1	6.8	6.3	5.8	6.3	6.9	7.5	6.4	5.3
Contract construction	9.2	8.9	8.6	10.2	9.0	7.9	8.8	7.2	8.9	8.6	11.6	9.1	9.2
Manufacturing	4.6	4.6	5.8	6.5	9.7	10.3	5.9	6.6	6.0	6.0	3.0	3.0	6.8
Transportation and public utilities	6.9	7.5	8.0	7.6	8.8	9.9	11.1	10.5	10.6	8.5	8.6	8.7	7.0
Wholesale and retail trade	5.0	6.5	5.8	6.6	6.6	5.9	5.9	5.2	6.0	6.0	6.0	6.1	6.1
Finance, insurance, and real estate	6.3	7.0	8.4	8.4	9.8	7.8	7.9	7.9	6.6	7.4	6.7	6.7	4.7
Services	4.8	4.8	3.4	4.9	7.0	7.1	5.7	7.9	9.5	8.8	8.1	7.4	8.9
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts	6.5	6.9	6.4 <sup>r</sup>	7.1 <sup>r</sup>	8.3 <sup>r</sup>	7.7 <sup>r</sup>	6.9 <sup>r</sup>	7.0 <sup>r</sup>	7.7 <sup>r</sup>	7.4	6.9	7.0	7.4
Mining	8.1	8.7	5.4	5.4	6.1	5.8	5.0	5.0	5.9	5.7	5.6	5.3	4.7
Contract construction	9.1	9.1	8.7	9.6	9.2	8.2	8.4	7.0	8.5	8.6	10.9	9.6	9.6
Manufacturing	6.0	6.3	6.2	6.3	8.3	8.2	6.5	6.8	7.1	7.2	5.3	6.0	7.4
Transportation and public utilities	(*)	(**)	(**)	(**)	(**)	(**)	(**)	(**)	(**)	7.0	7.5	9.4	7.8
Wholesale and retail trade	6.1	7.2	6.2	6.9	7.3	6.6	5.7	4.9	6.7	6.3	5.9	5.8	5.8
Finance, insurance, and real estate	6.1	7.1	7.2	8.2	9.0	7.9	7.4	6.9	7.0	6.7	7.4	6.6	5.6
Services	5.9	5.1	3.3	5.6	8.1	6.9	5.8	8.6	10.3	9.0	8.5	8.1	8.5
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	(*)	(*)	1.6	4.9	5.5	5.5	7.7	9.3	6.5	6.4	3.8	7.9
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	3.8	6.6	6.1	7.7	7.4	8.5	7.8	4.6	4.6	4.9	5.2	3.7	3.2
1967 dollars	(*)	2.2	2.2	3.5	3.2	4.7	3.7	-.2	-.3	(4/)	.5	-1.4	-2.0
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	2.1	1.9	4.0	3.9	5.2	3.8	.2	.2	-.4	(4/)	-1.6	-1.8

<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.  
<sup>4</sup> Less than 0.05 percent.  
r=revised.

\* Not available.  
p= preliminary.

\*\* Revised series not available.

NOTE: See technical description at end of table C-15.

C-15: Average hourly or weekly compensation, seasonally adjusted

Measure	1971									1970			
	3d quarter			2d quarter			1st quarter			4th quarter			
	Sept. <sup>p</sup>	Aug. <sup>p</sup>	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Levels</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$ 3.45	\$ 3.46	\$ 3.43	\$ 3.42	\$ 3.41	\$ 3.39	\$ 3.37	\$ 3.35	\$ 3.33	\$ 3.31	\$ 3.29	\$ 3.27	\$ 3.26
Mining	4.14	4.14	4.07	4.05	4.05	4.04	4.01	3.98	3.96	3.96	3.95	3.91	3.89
Contract construction	5.81	5.78	5.72	5.70	5.67	5.60	5.56	5.54	5.49	5.43	5.43	5.39	5.33
Manufacturing	3.60	3.59	3.58	3.57	3.55	3.54	3.52	3.51	3.48	3.46	3.39	3.37	3.42
Transportation and public utilities	4.25	4.24	4.22	4.15	4.13	4.12	4.11	4.09	4.06	4.00	3.96	3.93	3.90
Wholesale and retail trade	2.90	2.90	2.88	2.87	2.86	2.84	2.83	2.81	2.80	2.78	2.77	2.76	2.75
Finance, insurance, and real estate	3.32	3.32	3.30	3.28	3.29	3.25	3.22	3.21	3.17	3.15	3.14	3.13	3.10
Services	3.02	3.01	2.98	2.98	2.99	2.97	2.95	2.94	2.93	2.91	2.89	2.87	2.87
Wage rates, hired farm labor (quarterly data)	-	-	1.73	-	-	1.72	-	-	1.71	-	-	1.70	-
Average weekly earnings, private nonfarm economy: <sup>1</sup>													
Current dollars	126.98	127.88	126.67	126.81	125.87	125.56	124.65	123.85	122.99	122.19	121.43	120.55	120.05
1967 dollars	(*)	104.75	104.21	104.48	103.98	104.45	104.04	103.62	103.07	102.70	102.37	102.07	102.17
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	91.75	91.33	91.59	91.33	91.67	91.25	90.78	90.46	89.81	89.62	89.36	89.56
<b>Indexes, 1967=100</b>													
Average hourly compensation (quarterly data):													
All persons, total private economy	-	(*)	-	-	132.0	-	-	129.9	-	-	126.9	-	-
All employees, private nonfarm economy	-	(*)	-	-	130.9	-	-	128.7	-	-	125.7	-	-
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts	131.5	131.0	130.0 <sup>r</sup>	129.3 <sup>r</sup>	129.1 <sup>r</sup>	128.1 <sup>r</sup>	127.3 <sup>r</sup>	126.7 <sup>r</sup>	126.0 <sup>r</sup>	125.0	124.1	123.4	123.2
Mining	129.5	129.4	126.8	126.6	126.4	125.5	124.5	124.1	123.5	123.3	122.6	122.0	121.5
Contract construction	140.7	140.2	138.8	138.1	137.4	135.9	134.7	134.2	133.1	131.9	131.5	130.7	129.4
Manufacturing	129.2	128.8	128.2	127.5	126.9	126.2	125.5	125.0	124.4	123.7	121.9	121.4	121.6
Transportation and public utilities	(*)	(**)	(**)	(**)	(**)	(**)	(**)	(**)	(**)	122.7	122.2	121.6	120.8
Wholesale and retail trade	129.8	129.8	128.9	128.1	127.9	126.9	126.0	125.3	125.0	123.9	123.5	122.9	122.5
Finance, insurance, and real estate	128.4	128.4	127.3	127.1	127.3	125.8	124.7	124.0	122.9	122.2	121.9	121.2	120.3
Services	132.3	131.3	129.9	130.1	131.0	129.3	128.6	128.1	127.8	126.6	126.0	125.1	125.0
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	(*)	(*)	(*)	139.5	140.3	139.7	139.1	139.5	139.2	137.3	133.8	132.4	131.9
Average union scales, 7 building trades (quarterly data):													
Wages and selected benefits	-	-	146.9	-	-	140.8	-	-	137.9	-	-	134.0	-
Hourly wage rates	-	-	141.6	-	-	135.9	-	-	133.0	-	-	129.8	-

<sup>1</sup> Production and nonsupervisory workers. <sup>r</sup>=revised.

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

\* Not available. \*\* Revised series not available.

<sup>p</sup>= preliminary.

Technical description covering tables C-11 through C-15

Characteristic	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**

96

**C-16: 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		
	Aug. 1971 P	July 1971	Aug. 1970	Aug.-p 1971	July 1971	Aug. 1970	Aug. 1971 P	July 1971	Aug. 1970
ALABAMA .....	\$122.21	\$121.29	\$114.97	40.6	40.7	40.2	\$3.01	\$2.98	\$2.86
Birmingham .....	142.52	141.86	134.52	39.7	40.3	39.8	3.59	3.52	3.38
Mobile .....	140.61	152.22	137.27	42.1	43.0	41.1	3.34	3.54	3.34
ALASKA .....	(*)	221.11	170.74	(*)	44.4	39.8	(*)	4.98	4.29
ARIZONA .....	145.02	150.06	133.87	39.3	41.0	40.2	3.69	3.66	3.33
Phoenix .....	148.10	140.59	133.60	39.6	38.1	40.0	3.74	3.69	3.34
Tucson .....	140.18	130.32	135.96	39.6	38.9	41.2	3.54	3.35	3.30
ARKANSAS .....	106.40	105.34	99.20	40.0	39.6	40.0	2.66	2.66	2.48
Fort Smith .....	103.53	102.47	92.25	40.6	40.5	38.6	2.55	2.53	2.39
Little Rock-North Little Rock .....	112.40	111.22	105.46	40.0	39.3	40.1	2.81	2.83	2.63
Pine Bluff .....	132.47	134.53	133.90	39.9	40.4	40.7	3.32	3.33	3.29
CALIFORNIA .....	160.39	160.37	151.27	39.7	39.5	39.6	4.04	4.06	3.82
Anaheim-Santa Ana-Garden Grove .....	157.98	155.60	151.55	40.3	40.0	40.2	3.92	3.89	3.77
Bakersfield .....	164.41	168.51	150.53	40.1	41.0	39.2	4.10	4.11	3.84
Fresno .....	140.66	139.35	125.78	39.4	38.6	38.0	3.57	3.61	3.31
Los Angeles-Long Beach .....	154.04	154.44	146.12	39.6	39.6	39.6	3.89	3.90	3.69
Modesto .....	140.30	137.56	123.58	39.3	38.0	37.0	3.57	3.62	3.34
Oxnard-Ventura .....	144.97	146.57	128.74	39.5	39.4	37.1	3.67	3.72	3.47
Sacramento .....	170.51	170.11	161.20	40.5	38.4	39.9	4.21	4.43	4.04
Salinas-Monterey .....	143.45	145.76	122.38	39.3	39.5	36.1	3.65	3.69	3.39
San Bernardino-Riverside-Ontario .....	156.40	158.39	151.58	40.0	40.2	40.1	3.91	3.94	3.78
San Diego .....	167.45	167.78	166.38	39.4	39.2	39.9	4.25	4.28	4.17
San Francisco-Oakland .....	178.72	179.49	165.78	38.6	38.6	39.1	4.63	4.65	4.24
San Jose .....	166.34	168.84	158.78	39.7	40.2	40.3	4.19	4.20	3.94
Santa Barbara .....	144.76	144.01	141.51	37.6	37.7	39.2	3.85	3.82	3.61
Santa Rosa .....	147.07	149.74	139.81	38.1	38.2	41.0	3.86	3.92	3.41
Stockton .....	170.15	170.51	156.29	41.5	40.5	40.7	4.10	4.21	3.84
Vallejo-Napa .....	148.22	147.73	144.40	38.7	37.4	38.0	3.83	3.95	3.80
COLORADO .....	154.88	163.40	140.88	41.3	43.0	40.6	3.75	3.80	3.47
Denver .....	157.56	157.96	144.32	40.4	40.4	40.2	3.90	3.91	3.59
CONNECTICUT .....	147.02	147.38	138.57	40.5	40.6	40.4	3.63	3.63	3.43
Bridgeport .....	149.85	149.11	142.56	40.5	40.3	40.5	3.70	3.70	3.52
Hartford .....	151.15	151.18	148.99	40.2	40.1	41.5	3.76	3.77	3.59
New Britain .....	149.48	144.28	135.29	40.4	39.1	39.1	3.70	3.69	3.46
New Haven .....	148.23	149.65	140.24	40.5	41.0	40.3	3.66	3.65	3.48
Stamford .....	153.22	153.97	151.25	39.9	40.2	41.1	3.84	3.83	3.68
Waterbury .....	141.86	139.67	132.75	41.6	41.2	41.1	3.41	3.39	3.23
DELAWARE .....	141.35	145.91	128.98	38.1	38.6	38.5	3.71	3.78	3.35
Wilmington .....	155.54	161.77	148.55	37.3	38.7	39.3	4.17	4.18	3.78
DISTRICT OF COLUMBIA : Washington SMSA .....	167.18	165.09	147.07	39.9	39.4	38.4	4.19	4.19	3.83
FLORIDA .....	128.54	126.86	118.78	41.2	40.4	40.4	3.12	3.14	2.94
Fort Lauderdale-Hollywood .....	129.16	126.11	127.61	38.1	37.2	40.9	3.39	3.39	3.12
Jacksonville .....	143.72	143.82	135.56	41.9	42.3	42.1	3.43	3.40	3.22
Miami .....	120.00	118.04	114.34	40.0	38.7	39.7	3.00	3.05	2.88
Orlando .....	126.67	123.91	117.67	40.6	40.1	41.0	3.12	3.09	2.87
Pensacola .....	151.42	147.91	138.28	41.6	41.9	38.2	3.64	3.53	3.62
Tampa-St. Petersburg .....	137.28	139.02	124.94	41.6	41.5	41.1	3.30	3.35	3.04
West Palm Beach .....	146.20	130.98	134.84	42.5	39.1	44.5	3.44	3.35	3.03
GEORGIA .....	114.55	113.65	107.07	39.5	40.3	40.1	2.90	2.82	2.67
Atlanta .....	137.39	143.11	131.66	38.7	40.2	39.3	3.55	3.56	3.35
Savannah .....	146.67	146.51	137.61	41.2	42.1	41.2	3.56	3.48	3.34
HAWAII .....	128.96	133.02	126.23	41.2	43.9	42.5	3.13	3.03	2.97
Honolulu .....	126.38	132.76	124.44	40.9	44.7	41.9	3.09	2.97	2.97
IDAHO .....	153.09	147.04	139.84	40.5	38.9	40.3	3.78	3.78	3.47
ILLINOIS .....	159.56	158.90	147.11	40.2	40.1	40.3	3.97	3.97	3.65
Chicago .....	(*)	160.85	150.16	(*)	40.1	40.4	(*)	4.01	3.71
Davenport-Rock Island-Moline .....	(*)	174.66	163.80	(*)	38.7	39.8	(*)	4.52	4.12

See footnotes at end of table.

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

**C-16: 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		
	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970
ILLINOIS (continued)									
Peoria .....	(*)	\$185.53	\$163.70	(*)	40.4	40.4	(*)	\$4.60	\$4.05
Rockford .....	(*)	149.34	140.75	(*)	38.5	39.1	(*)	3.88	3.60
INDIANA .....	\$162.01	160.40	151.15	40.3	39.9	40.2	\$4.02	4.02	3.76
Indianapolis .....	(*)	161.20	153.47	(*)	40.0	40.6	(*)	4.03	3.78
IOWA .....	157.61	158.00	144.60	39.6	39.5	39.4	3.98	4.00	3.67
Cedar Rapids .....	161.60	166.86	147.68	40.3	41.2	39.7	4.01	4.05	3.72
Des Moines .....	167.62	168.00	148.96	40.1	38.8	39.2	4.18	4.33	3.80
Dubuque .....	166.44	179.64	150.75	38.0	38.8	36.5	4.38	4.63	4.13
Sioux City .....	147.65	137.03	135.54	40.9	38.6	40.1	3.61	3.55	3.38
Waterloo .....	175.38	178.45	158.73	39.5	40.1	39.0	4.44	4.45	4.07
KANSAS .....	146.15	141.68	134.23	40.9	39.9	40.9	3.57	3.55	3.28
Topeka .....	159.44	165.57	136.18	40.5	42.4	41.2	3.94	3.91	3.31
Wichita .....	157.70	140.85	145.79	42.4	38.3	41.8	3.72	3.68	3.49
KENTUCKY .....	(*)	136.67	130.41	(*)	39.5	39.4	(*)	3.46	3.31
Louisville .....	160.40	162.40	144.67	40.0	40.6	39.1	4.01	4.00	3.70
LOUISIANA .....	147.98	147.13	139.35	42.4	42.4	42.1	3.49	3.47	3.31
Baton Rouge .....	180.16	177.64	158.00	41.8	41.7	41.8	4.31	4.26	3.78
New Orleans .....	145.79	145.18	133.45	41.3	41.6	39.6	3.53	3.49	3.37
Shreveport .....	138.36	131.52	128.44	41.8	41.1	41.3	3.31	3.20	3.11
MAINE .....	115.60	114.05	110.42	40.0	39.6	40.3	2.89	2.88	2.74
Lewiston-Auburn .....	94.61	93.95	88.70	37.1	36.7	36.5	2.55	2.56	2.43
Portland .....	130.01	124.97	115.92	40.5	39.3	39.7	3.21	3.18	2.92
MARYLAND .....	142.09	143.78	136.28	39.8	39.5	40.2	3.57	3.64	3.39
Baltimore .....	148.83	150.44	142.71	39.9	39.8	40.2	3.73	3.78	3.55
MASSACHUSETTS .....	134.75	134.46	125.90	39.4	39.2	39.1	3.42	3.43	3.22
Boston .....	146.64	146.26	136.89	39.0	38.9	39.0	3.76	3.76	3.51
Brockton .....	119.35	120.17	111.25	38.5	39.4	38.1	3.10	3.05	2.92
Fall River .....	103.30	103.30	95.93	36.5	36.5	35.4	2.83	2.83	2.71
Lawrence-Haverhill .....	127.92	126.01	115.89	40.1	39.5	38.5	3.19	3.19	3.01
Lowell .....	117.56	113.93	114.17	38.8	37.6	39.1	3.03	3.03	2.92
New Bedford .....	112.40	111.51	101.63	38.1	37.8	37.5	2.95	2.95	2.71
Springfield-Chicopee-Holyoke .....	135.49	135.49	128.38	39.5	39.5	39.5	3.43	3.43	3.25
Worcester .....	135.23	136.37	128.35	38.2	38.2	38.2	3.54	3.57	3.36
MICHIGAN .....	183.57	182.24	167.09	40.3	40.0	40.4	4.56	4.56	4.14
Ann Arbor .....	199.09	210.74	178.17	41.8	43.0	41.6	4.76	4.90	4.28
Battle Creek .....	177.84	176.99	176.53	40.4	40.4	40.3	4.40	4.38	4.16
Bay City .....	164.97	163.50	161.19	39.4	38.8	41.1	4.19	4.21	3.92
Detroit .....	190.68	189.36	179.44	39.8	39.5	41.1	4.79	4.79	4.37
Flint .....	203.35	215.91	189.73	40.1	41.9	41.3	5.07	5.15	4.59
Grand Rapids .....	162.59	158.14	155.37	40.8	40.3	41.4	3.99	3.92	3.75
Jackson .....	173.04	181.44	153.93	39.0	40.7	37.6	4.44	4.46	4.09
Kalamazoo .....	175.24	173.89	171.16	41.3	41.1	42.2	4.24	4.23	4.06
Lansing .....	177.07	189.80	183.35	37.2	39.6	41.7	4.76	4.79	4.40
Muskegon-Muskegon Heights .....	156.54	164.47	152.78	39.6	40.6	40.1	3.95	4.05	3.81
Saginaw .....	217.22	182.82	191.32	41.7	35.3	42.6	5.21	5.18	4.49
MINNESOTA .....	150.38	150.82	140.46	40.1	39.9	40.1	3.75	3.78	3.50
Duluth-Superior .....	135.37	148.67	133.76	38.9	40.1	39.3	3.48	3.71	3.40
Minneapolis-St. Paul .....	161.80	158.63	149.02	40.1	39.8	39.6	4.04	3.99	3.76
MISSISSIPPI .....	105.26	103.06	97.53	40.8	40.1	40.3	2.58	2.57	2.42
Jackson .....	109.23	108.36	101.60	42.5	42.0	41.3	2.57	2.58	2.46
MISSOURI .....	139.94	142.16	132.26	39.2	39.6	38.9	3.57	3.59	3.40
Kansas City .....	136.32	139.35	126.04	39.4	39.7	38.9	3.46	3.51	3.24
St. Joseph .....	144.62	146.63	145.67	43.3	43.0	42.1	3.34	3.41	3.46
St. Louis .....	159.14	162.36	150.91	39.1	39.6	39.3	4.07	4.10	3.84
Springfield .....	120.65	120.78	111.07	39.3	39.6	38.7	3.07	3.05	2.87
MONTANA .....	160.39	159.59	156.97	39.8	39.7	41.2	4.03	4.02	3.81
NEBRASKA .....	139.75	140.01	137.56	41.6	41.7	42.5	3.36	3.35	3.24
Lincoln .....	135.47	122.13	126.71	40.8	37.9	40.4	3.32	3.23	3.14
Omaha .....	141.42	143.26	139.80	40.0	40.7	41.6	3.53	3.52	3.36

See footnotes at end of table.

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

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**C-16: 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		
	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1970
NEVADA.....	(*)	\$173.84	\$164.80	(*)	42.4	40.0	(*)	\$4.10	\$4.12
Las Vegas.....	(*)	199.44	181.75	(*)	41.9	41.4	(*)	4.76	4.39
NEW HAMPSHIRE.....	\$118.38	118.38	109.24	39.2	39.2	38.6	\$3.02	3.02	2.83
Manchester.....	107.69	105.08	98.74	38.6	37.8	37.4	2.79	2.78	2.64
NEW JERSEY.....	151.00	147.20	138.11	40.7	40.0	39.8	3.71	3.68	3.47
Atlantic City.....	117.88	115.59	119.14	41.8	40.7	42.4	2.82	2.84	2.81
Camden <sup>1</sup> .....	149.92	147.24	142.86	41.3	40.9	40.7	3.63	3.60	3.51
Jersey City <sup>2</sup> .....	153.18	147.46	140.45	41.4	40.4	39.9	3.70	3.65	3.52
Newark <sup>2</sup> .....	145.41	145.73	136.97	39.3	39.6	39.7	3.70	3.68	3.45
Paterson-Clifton-Passaic <sup>2</sup> .....	145.78	143.54	132.83	39.4	38.9	38.5	3.70	3.69	3.45
Perth Amboy <sup>2</sup> .....	153.66	148.61	140.04	39.4	38.7	38.9	3.90	3.84	3.60
Trenton.....	144.34	139.45	136.37	38.8	38.1	39.3	3.72	3.66	3.47
NEW MEXICO.....	107.53	104.99	104.76	39.1	38.6	38.8	2.75	2.72	2.70
Albuquerque.....	125.20	121.91	114.62	40.0	40.5	39.8	3.13	3.01	2.88
NEW YORK.....	(*)	145.11	135.76	(*)	38.8	38.9	(*)	3.74	3.49
Albany-Schenectady-Troy.....	159.20	160.00	149.88	40.1	39.9	40.4	3.97	4.01	3.71
Binghamton.....	148.42	146.69	133.60	41.0	40.3	40.0	3.62	3.64	3.34
Buffalo.....	172.94	166.40	163.15	40.5	40.0	41.2	4.27	4.16	3.96
Elmira.....	137.24	138.65	126.68	39.1	39.5	39.1	3.51	3.51	3.24
Monroe County <sup>3</sup> .....	174.84	174.03	168.10	40.1	40.1	41.0	4.36	4.34	4.10
Nassau and Suffolk Counties <sup>4</sup> .....	146.17	147.31	135.24	39.4	39.6	39.2	3.71	3.72	3.45
New York-Northeastern New Jersey.....	(*)	141.70	131.41	(*)	38.4	38.2	(*)	3.69	3.44
New York SMSA <sup>2</sup> .....	(*)	138.37	127.88	(*)	37.6	37.5	(*)	3.68	3.41
New York City <sup>4</sup> .....	(*)	136.52	126.85	(*)	37.2	37.2	(*)	3.67	3.41
Rochester.....	168.45	168.42	161.54	40.3	40.1	41.0	4.18	4.20	3.94
Rockland County <sup>4</sup> .....	146.10	144.65	133.77	39.7	39.2	39.0	3.68	3.69	3.43
Syracuse.....	153.14	154.35	141.65	40.3	40.3	39.9	3.80	3.83	3.55
Utica-Rome.....	135.14	133.72	125.45	39.4	39.1	38.6	3.43	3.42	3.25
Westchester County <sup>4</sup> .....	131.40	145.14	130.52	36.4	38.6	38.5	3.61	3.76	3.39
NORTH CAROLINA.....	104.66	104.00	96.29	40.1	40.0	39.3	2.61	2.60	2.45
Asheville.....	103.12	102.91	89.01	40.6	40.2	37.4	2.54	2.56	2.38
Charlotte.....	115.64	110.80	104.12	41.3	40.0	40.2	2.80	2.77	2.59
Greensboro-Winston-Salem-High Point.....	112.61	114.07	104.22	39.1	39.2	38.6	2.88	2.91	2.70
Raleigh.....	106.31	109.75	99.04	38.8	40.2	39.3	2.74	2.73	2.52
NORTH DAKOTA.....	135.46	135.36	122.29	40.9	41.1	41.3	3.32	3.29	2.96
Fargo-Moorhead.....	152.95	158.32	136.82	40.4	41.8	40.8	3.78	3.78	3.36
OHIO.....	166.45	166.87	155.93	40.4	40.7	40.5	4.12	4.10	3.85
Akron.....	183.72	181.04	166.38	41.1	40.5	39.9	4.47	4.47	4.17
Canton.....	153.14	157.49	154.41	36.9	38.6	39.9	4.15	4.08	3.87
Cincinnati.....	158.98	161.82	144.47	41.4	41.6	39.8	3.84	3.89	3.63
Cleveland.....	165.15	168.92	155.96	35.7	40.9	40.3	4.16	4.13	3.87
Columbus.....	155.63	152.47	147.53	39.6	39.5	40.2	3.93	3.86	3.67
Dayton.....	180.90	184.46	170.89	40.2	40.9	40.4	4.50	4.51	4.23
Toledo.....	172.89	175.42	165.22	40.3	40.7	41.1	4.29	4.31	4.02
Youngstown-Warren.....	183.51	185.22	166.87	40.6	42.0	40.6	4.52	4.41	4.11
OKLAHOMA.....	131.78	132.03	124.74	40.3	40.5	40.5	3.27	3.26	3.08
Oklahoma City.....	133.87	130.98	120.69	40.2	40.3	39.7	3.33	3.25	3.04
Tulsa.....	142.40	142.61	141.10	40.0	40.4	41.5	3.56	3.53	3.40
OREGON.....	160.33	162.18	150.11	39.2	38.8	39.4	4.09	4.18	3.81
Eugene.....	164.34	164.58	159.08	39.6	39.0	41.0	4.15	4.22	3.88
Portland.....	158.73	159.42	148.19	39.0	38.6	39.1	4.07	4.13	3.79
PENNSYLVANIA.....	139.68	141.81	132.60	38.8	39.5	39.0	3.60	3.59	3.40
Allentown-Bethlehem-Easton.....	135.39	141.12	129.41	37.4	39.2	38.4	3.62	3.60	3.37
Altoona.....	114.75	112.27	109.92	37.5	37.3	38.3	3.06	3.01	2.87
Delaware Valley <sup>5</sup> .....	153.64	152.83	142.96	39.7	39.8	39.6	3.87	3.84	3.61
Erie.....	154.01	151.62	143.59	41.4	41.2	41.5	3.72	3.68	3.46
Harrisburg.....	127.77	129.89	124.31	38.6	39.6	40.1	3.31	3.28	3.10
Johnstown.....	124.60	134.97	130.94	35.6	37.7	37.2	3.50	3.58	3.52
Lancaster.....	131.34	128.25	122.98	39.8	39.1	39.8	3.30	3.28	3.09
Philadelphia.....	153.22	152.40	143.28	39.9	40.0	39.8	3.84	3.81	3.60
Pittsburgh.....	154.37	162.00	152.04	38.4	40.4	39.8	4.02	4.01	3.82
Reading.....	127.92	128.15	118.20	38.3	38.6	38.5	3.34	3.32	3.07
Scranton.....	109.74	113.34	101.84	36.1	36.8	36.5	3.04	3.08	2.79
Wilkes-Barre-Hazleton.....	109.15	106.72	98.26	37.0	36.3	35.6	2.95	2.94	2.76
York.....	132.43	133.31	124.20	41.0	41.4	41.4	3.23	3.22	3.00

See footnotes at end of table.

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

**C-16: 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		
	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970	Aug. 1971 <sup>p</sup>	July 1971	Aug. 1970
<b>RHODE ISLAND</b> .....	\$118.38	\$118.59	\$110.37	39.2	39.4	39.0	\$3.02	\$3.01	\$2.83
Providence-Pawtucket-Warwick .....	119.56	118.69	111.44	39.2	39.3	39.1	3.05	3.02	2.85
<b>SOUTH CAROLINA</b> .....	108.12	107.86	101.25	40.8	40.7	40.5	2.65	2.65	2.50
Charleston .....	127.80	129.56	125.96	40.7	41.0	41.3	3.14	3.16	3.05
Greenville .....	110.09	107.16	98.89	41.7	40.9	40.2	2.64	2.62	2.46
<b>SOUTH DAKOTA</b> .....	132.80	135.16	134.54	42.7	43.6	45.3	3.11	3.10	2.97
Sioux Falls .....	161.00	161.57	162.77	46.0	45.9	48.3	3.50	3.52	3.37
<b>TENNESSEE</b> .....	117.45	117.27	109.87	40.5	40.3	40.1	2.90	2.91	2.74
Chattanooga .....	126.40	126.88	116.42	40.0	39.9	39.6	3.16	3.18	2.94
Knoxville .....	133.06	133.20	126.27	39.6	40.0	40.6	3.36	3.33	3.11
Memphis .....	137.90	133.50	124.44	40.8	40.7	40.8	3.38	3.28	3.05
Nashville .....	125.14	126.89	118.70	40.5	40.8	40.1	3.09	3.11	2.96
<b>TEXAS</b> .....	136.08	136.42	130.56	40.5	40.6	40.8	3.36	3.36	3.20
Amarillo .....	123.32	122.61	116.72	40.3	40.2	39.7	3.06	3.05	2.94
Austin .....	118.08	115.82	113.57	40.3	39.8	41.0	2.93	2.91	2.77
Beaumont-Port Arthur-Orange .....	179.86	180.78	170.57	40.6	40.9	41.3	4.43	4.42	4.13
Corpus Christi .....	162.81	167.38	157.66	40.6	42.7	41.6	4.01	3.92	3.79
Dallas .....	127.17	125.91	121.39	40.5	40.1	39.8	3.14	3.14	3.05
El Paso .....	92.52	87.42	90.64	40.4	40.1	41.2	2.29	2.18	2.20
Fort Worth .....	140.19	140.01	136.61	40.4	40.7	40.9	3.47	3.44	3.34
Galveston-Texas City .....	202.52	211.79	186.85	41.5	42.7	41.8	4.88	4.96	4.47
Houston .....	165.13	163.88	153.50	41.7	41.7	41.6	3.96	3.93	3.69
Lubbock .....	117.87	117.00	114.81	42.4	42.7	44.5	2.78	2.74	2.58
San Antonio .....	105.85	106.08	106.75	40.4	40.8	41.7	2.62	2.60	2.56
Waco .....	115.53	116.87	112.44	39.7	40.3	40.3	2.91	2.90	2.79
Wichita Falls .....	103.08	105.20	99.79	39.8	40.0	40.4	2.59	2.63	2.47
<b>UTAH</b> .....	137.86	139.68	136.46	38.4	38.8	39.1	3.59	3.60	3.49
Salt Lake City .....	134.92	130.20	129.30	39.8	39.1	39.3	3.39	3.33	3.29
<b>VERMONT</b> .....	129.68	127.30	122.18	41.3	40.8	41.7	3.14	3.12	2.93
Burlington .....	152.22	153.29	147.84	42.4	42.7	44.8	3.59	3.59	3.30
Springfield .....	136.55	134.52	131.43	40.4	39.8	41.2	3.38	3.38	3.19
<b>VIRGINIA</b> .....	118.55	116.29	109.05	40.6	40.1	39.8	2.92	2.90	2.74
Lynchburg .....	114.57	114.69	103.86	40.2	40.1	40.1	2.85	2.86	2.59
Norfolk-Portsmouth .....	128.33	130.59	118.15	41.0	42.4	40.6	3.13	3.08	2.91
Northern Virginia <sup>6</sup> .....	159.33	155.36	136.62	41.6	41.1	39.6	3.83	3.78	3.45
Richmond .....	133.33	137.43	123.60	40.9	41.9	40.0	3.26	3.28	3.09
Roanoke .....	105.42	106.90	102.21	38.9	39.3	40.4	2.71	2.72	2.53
<b>WASHINGTON</b> .....	164.40	168.05	160.75	38.5	38.9	39.4	4.27	4.32	4.08
Seattle-Everett .....	171.07	170.43	168.42	39.6	39.0	40.1	4.32	4.37	4.20
Spokane .....	164.72	165.90	159.15	39.5	39.5	40.6	4.17	4.20	3.92
Tacoma .....	163.13	165.89	159.14	37.5	38.4	39.1	4.35	4.32	4.07
<b>WEST VIRGINIA</b> .....	143.98	144.14	135.59	39.8	39.6	39.3	3.62	3.64	3.45
Charleston .....	175.98	172.63	165.42	42.1	41.8	42.2	4.18	4.13	3.92
Huntington-Ashland .....	148.61	151.69	142.66	38.5	39.4	39.3	3.86	3.85	3.63
Wheeling .....	149.65	147.68	139.74	39.8	39.7	39.7	3.76	3.72	3.52
<b>WISCONSIN</b> .....	155.61	155.59	143.86	40.6	40.3	40.5	3.84	3.86	3.56
Green Bay .....	158.08	155.14	148.74	42.8	41.7	42.6	3.69	3.72	3.49
Kenosha .....	184.56	176.89	150.73	40.9	39.7	37.8	4.51	4.46	3.99
La Crosse .....	129.18	131.73	117.16	41.3	41.5	40.5	3.13	3.18	2.89
Madison .....	178.16	181.69	165.93	41.7	41.4	41.7	4.27	4.39	3.98
Milwaukee .....	169.93	169.24	156.92	40.2	40.1	39.9	4.23	4.22	3.93
Racine .....	153.66	156.20	147.39	38.7	39.9	39.7	3.97	3.91	3.71
<b>WYOMING</b> .....	150.51	149.63	133.57	40.9	39.9	39.4	3.68	3.75	3.39
Casper .....	170.13	165.90	154.42	40.7	39.5	38.8	4.18	4.20	3.98
Cheyenne .....	173.01	168.13	108.99	39.5	39.1	31.5	4.38	4.30	3.46

<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> Subarea of New York Standard Metropolitan Statistical Area.

<sup>5</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>6</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**  
**LABOR TURNOVER**

100

**D-1: Labor turnover rates in manufacturing**  
**1960 to date**

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1960 .....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961 .....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962 .....	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963 .....	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964 .....	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965 .....	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1	4.3
1966 .....	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9	5.0
1967 .....	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8	4.4
1968 .....	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1	4.6
1969 .....	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9	4.7
1970 .....	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4	4.0
1971 .....	3.5	3.1	3.5	3.7	3.9	4.9	4.0	5.3 p					
New hires													
1960 .....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961 .....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962 .....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963 .....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964 .....	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965 .....	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966 .....	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1	3.8
1967 .....	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0	3.3
1968 .....	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2	3.5
1969 .....	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1	3.6
1970 .....	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4	2.7
1971 .....	2.0	1.9	2.2	2.3	2.6	3.5	2.7	3.4 p					
Total separations													
1960 .....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961 .....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962 .....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963 .....	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964 .....	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965 .....	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1	4.1
1966 .....	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967 .....	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9	4.6
1968 .....	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8	4.6
1969 .....	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2	4.8
1970 .....	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1	4.8
1971 .....	4.2	3.5	3.7	4.0	3.7	3.8	4.8	5.5 p					
Quits													
1960 .....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961 .....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962 .....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963 .....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964 .....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965 .....	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966 .....	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967 .....	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5	2.3
1968 .....	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6	2.5
1969 .....	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6	2.7
1970 .....	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2	2.1
1971 .....	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8 p					
Layoffs													
1960 .....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961 .....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962 .....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963 .....	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964 .....	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965 .....	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966 .....	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7	1.2
1967 .....	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6	1.4
1968 .....	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4	1.2
1969 .....	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8	1.1
1970 .....	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2	1.8
1971 .....	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8 p					

p=preliminary.

## D-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1971	July 1971	Aug. 1971	July 1971	Aug. 1971	July 1971	Aug. 1971	July 1971	Aug. 1971	July 1971
	<b>MANUFACTURING</b>	5.3	4.0	3.4	2.7	5.5	4.8	2.8	1.8	1.8	2.1
19,24,25,32-39	<b>DURABLE GOODS</b>	4.9	3.4	2.8	2.2	5.4	4.7	2.3	1.5	2.2	2.4
20-23,26-31	<b>NONDURABLE GOODS</b>	5.8	4.8	4.2	3.4	5.7	4.9	3.4	2.3	1.4	1.8
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b>	-	1.8	-	0.9	-	2.1	-	0.7	-	1.0
192	Ammunition, except for small arms	-	1.9	-	.9	-	2.2	-	.7	-	1.0
24	<b>LUMBER AND WOOD PRODUCTS</b>	6.4	5.8	5.5	4.9	6.6	5.1	4.8	3.2	0.8	1.0
242	Sawmills and planing mills	-	5.6	-	4.8	-	4.9	-	3.4	-	.8
2421	Sawmills and planing mills, general	-	5.3	-	4.6	-	4.8	-	3.2	-	.8
243	Millwork, plywood & related products	-	5.5	-	4.8	-	4.9	-	2.8	-	1.0
2431	Millwork	-	5.8	-	5.4	-	4.0	-	2.6	-	.4
2432	Veneer and plywood	-	5.0	-	3.8	-	5.6	-	2.9	-	1.4
244	Wooden containers	-	9.3	-	6.6	-	10.1	-	5.6	-	3.4
2441,2	Wooden boxes, shooks, and crates	-	7.8	-	6.7	-	7.8	-	5.3	-	1.6
249	Miscellaneous wood products	-	5.8	-	4.7	-	5.6	-	3.0	-	1.4
25	<b>FURNITURE AND FIXTURES</b>	7.6	5.6	6.4	4.6	7.3	5.4	4.8	3.1	1.4	1.4
251	Household furniture	-	5.5	-	4.7	-	5.5	-	3.3	-	1.3
2511	Wood household furniture	-	5.3	-	4.6	-	5.3	-	3.5	-	.8
2512	Upholstered household furniture	-	5.2	-	4.3	-	4.3	-	2.9	-	.7
2515	Mattresses and bedsprings	-	6.1	-	5.2	-	5.8	-	3.1	-	1.7
252	Office furniture	-	4.3	-	2.9	-	3.1	-	1.9	-	.5
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	4.7	4.1	3.6	3.1	5.0	4.1	2.9	1.9	1.1	1.3
321	Flat glass	-	3.5	-	1.6	-	2.5	-	.4	-	1.5
322	Glass and glassware, pressed or blown	-	4.2	-	2.5	-	3.2	-	1.4	-	.8
3221	Glass containers	-	3.9	-	2.8	-	2.7	-	1.5	-	2
3229	Pressed and blown glass, n e c	-	4.6	-	1.9	-	3.9	-	1.1	-	1.6
324	Cement, hydraulic	-	1.9	-	1.4	-	1.3	-	.5	-	.3
325	Structural clay products	-	5.3	-	4.6	-	5.3	-	3.3	-	1.3
3251	Brick and structural clay tile	-	7.5	-	6.7	-	6.5	-	4.9	-	.8
326	Pottery and related products	-	3.6	-	2.6	-	4.5	-	1.9	-	1.8
3291	Abrasive products	-	2.4	-	.9	-	2.3	-	.6	-	.6
33	<b>PRIMARY METAL INDUSTRIES</b>	3.5	2.1	1.4	1.1	8.4	5.2	1.6	1.2	5.7	2.9
331	Blast furnace and basic steel products	-	1.5	-	.6	-	6.2	-	1.2	-	3.9
3312	Blast furnaces and steel mills	-	1.4	-	.5	-	6.5	-	1.2	-	4.1
332	Iron and steel foundries	-	2.9	-	1.7	-	4.7	-	1.4	-	2.3
3321	Gray iron foundries	-	2.9	-	1.9	-	5.3	-	1.5	-	2.7
3322	Malleable iron foundries	-	3.5	-	2.1	-	4.8	-	1.6	-	2.1
3323	Steel foundries	-	2.5	-	1.1	-	3.2	-	1.1	-	1.4
333,4	Nonferrous metals	-	2.2	-	1.2	-	3.4	-	1.2	-	1.4
335	Nonferrous rolling and drawing	-	2.1	-	1.3	-	3.3	-	.9	-	1.5
3351	Copper rolling and drawing	-	1.8	-	1.3	-	3.0	-	.7	-	1.4
3352	Aluminum rolling and drawing	-	2.6	-	1.8	-	3.9	-	1.1	-	1.9
3357	Nonferrous wire drawing, and insulating	-	2.0	-	1.1	-	3.4	-	.9	-	1.4
336	Nonferrous foundries	-	3.9	-	2.7	-	6.1	-	1.9	-	3.2
3361	Aluminum castings	-	3.4	-	2.3	-	7.6	-	2.0	-	4.5
3362,9	Other nonferrous castings	-	4.4	-	3.0	-	4.5	-	1.9	-	1.8
339	Miscellaneous primary metal products	-	2.4	-	1.2	-	4.1	-	1.0	-	2.4
3391	Iron and steel forgings	-	2.1	-	.9	-	3.9	-	.8	-	2.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

102

**D-2: Labor turnover rates, by industry--Continued**

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1971 <sup>a</sup>	July 1971	Aug. 1971 <sup>a</sup>	July 1971	Aug. 1971 <sup>a</sup>	July 1971	Aug. 1971 <sup>a</sup>	July 1971	Aug. 1971 <sup>a</sup>	July 1971
<i>Durable Goods--Continued</i>											
34	<b>FABRICATED METAL PRODUCTS . . .</b>	-	4.3	-	2.9	-	4.4	-	1.6	-	1.8
341	Metal cans . . . . .	-	5.4	-	2.8	-	3.9	-	.8	-	1.7
342	Cutlery, hand tools, and hardware . . . . .	-	3.0	-	2.2	-	3.5	-	1.2	-	1.5
3421,3,5	Cutlery and hand tools, incl. saws . . . . .	-	3.4	-	2.6	-	3.9	-	1.3	-	1.8
3429	Hardware, n e c . . . . .	-	2.7	-	1.9	-	3.1	-	1.2	-	1.2
343	Plumbing and heating, except electric . . . . .	-	5.2	-	4.1	-	3.5	-	1.9	-	.4
3431,2	Sanitary ware & plumbers' brass goods . . . . .	-	4.4	-	3.2	-	3.6	-	2.0	-	.3
3433	Heating equipment, except electric . . . . .	-	5.8	-	4.9	-	3.4	-	1.8	-	.5
344	Fabricated structural metal products . . . . .	-	4.5	-	3.7	-	4.1	-	2.0	-	1.1
3441	Fabricated structural steel . . . . .	-	3.9	-	3.1	-	4.5	-	1.9	-	1.7
3443	Fabricated plate work (boiler shops)	-	2.4	-	1.9	-	2.7	-	1.2	-	.9
3446,9	Architectural and misc. metal work . . . . .	-	5.2	-	4.5	-	4.3	-	2.0	-	1.0
345	Screw machine products, bolts, etc. . . . .	-	3.1	-	2.2	-	3.2	-	1.3	-	1.2
3452	Bolts, nuts, rivets, and washers . . . . .	-	1.9	-	1.2	-	2.7	-	1.1	-	1.2
346	Metal stampings . . . . .	-	5.2	-	2.1	-	6.7	-	1.1	-	4.7
348	Misc. fabricated wire products . . . . .	-	4.2	-	3.2	-	4.5	-	2.3	-	1.3
349	Misc. fabricated metal products . . . . .	-	3.3	-	2.0	-	3.7	-	1.5	-	1.5
3494,8	Valves, pipe, and pipe fittings . . . . .	-	3.2	-	1.9	-	3.8	-	1.5	-	1.6
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . . .</b>	3.1	2.3	1.7	1.4	3.4	2.8	1.4	.9	1.3	1.1
351	Engines and turbines . . . . .	-	1.8	-	.9	-	2.0	-	.6	-	.5
3511	Steam engines and turbines . . . . .	-	2.5	-	1.6	-	1.8	-	.7	-	.2
3519	Internal combustion engines, n e c . . . . .	-	1.3	-	.4	-	2.1	-	.5	-	.7
352	Farm machinery . . . . .	-	2.5	-	1.2	-	2.6	-	.9	-	.9
353	Construction and related machinery . . . . .	-	2.2	-	1.5	-	2.5	-	1.0	-	.9
3531,2	Construction and mining machinery . . . . .	-	1.6	-	1.0	-	2.1	-	.7	-	.8
3533	Oil field machinery . . . . .	-	2.8	-	2.4	-	3.1	-	1.9	-	.6
3535,6	Conveyors, hoists, cranes, monorails . . . . .	-	2.5	-	1.8	-	2.2	-	.9	-	.6
354	Metal working machinery . . . . .	-	2.7	-	1.1	-	2.8	-	.8	-	1.3
3541	Machine tools, metal cutting types . . . . .	-	1.9	-	.8	-	1.6	-	.6	-	.6
3545	Machine tool accessories . . . . .	-	1.3	-	.5	-	2.2	-	.7	-	.9
3542,8	Misc. metal working machinery . . . . .	-	1.8	-	1.1	-	2.4	-	.8	-	1.1
355	Special industry machinery . . . . .	-	1.9	-	1.2	-	2.8	-	.9	-	1.2
3551	Food products machinery . . . . .	-	1.8	-	1.3	-	2.3	-	.9	-	1.0
3552	Textile machinery . . . . .	-	2.4	-	1.8	-	3.4	-	1.2	-	1.4
356	General industrial machinery . . . . .	-	2.4	-	1.2	-	2.7	-	.8	-	1.1
3561	Pumps and compressors . . . . .	-	2.0	-	1.2	-	2.4	-	.8	-	.9
3562	Ball and roller bearings . . . . .	-	2.9	-	.4	-	3.1	-	.5	-	1.8
3566	Power transmission equipment . . . . .	-	2.0	-	1.0	-	2.0	-	.9	-	.5
357	Office and computing machines . . . . .	-	1.9	-	1.0	-	2.5	-	.8	-	1.1
3573	Electronic computing equipment . . . . .	-	1.6	-	.9	-	2.1	-	.7	-	.9
358	Service industry machines . . . . .	-	2.5	-	1.6	-	3.1	-	1.2	-	1.0
3585	Refrigeration machinery . . . . .	-	2.8	-	1.7	-	3.6	-	1.4	-	1.3
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .</b>	-	2.8	-	1.6	-	3.3	-	1.2	-	1.3
361	Electric test & distributing equipment . . . . .	-	2.0	-	1.2	-	2.5	-	1.0	-	.9
3611	Electric measuring instruments . . . . .	-	2.0	-	1.6	-	2.4	-	1.1	-	.7
3612	Transformers . . . . .	-	2.1	-	1.2	-	3.3	-	1.1	-	1.5
3613	Switchgear and switchboard apparatus . . . . .	-	1.8	-	1.0	-	2.0	-	.8	-	.6
362	Electrical industrial apparatus . . . . .	-	2.3	-	1.0	-	2.9	-	.9	-	1.2
3621	Motors and generators . . . . .	-	2.7	-	1.0	-	3.2	-	.9	-	1.5
3622	Industrial controls . . . . .	-	1.9	-	.8	-	2.3	-	1.0	-	.6
363	Household appliances . . . . .	-	3.0	-	1.8	-	3.4	-	1.2	-	1.3
3632	Household refrigerators and freezers . . . . .	-	1.7	-	.7	-	3.2	-	1.0	-	1.2
3633	Household laundry equipment . . . . .	-	2.3	-	1.6	-	1.5	-	.7	-	.1
3634	Electric housewares and fans . . . . .	-	4.6	-	2.9	-	5.3	-	1.7	-	2.7
364	Electric lighting and wiring equipment . . . . .	-	3.5	-	2.2	-	4.9	-	1.5	-	2.4
3641	Electric lamps . . . . .	-	1.0	-	.5	-	5.0	-	.7	-	3.2
3642	Lighting fixtures . . . . .	-	4.1	-	3.1	-	5.8	-	1.9	-	2.9
3643,4	Wiring devices . . . . .	-	4.2	-	2.2	-	4.3	-	1.5	-	1.7
365	Radio and TV receiving equipment . . . . .	-	4.1	-	2.4	-	4.9	-	2.0	-	1.7
366	Communication equipment . . . . .	-	1.5	-	.8	-	2.3	-	.8	-	.9
3661	Telephone and telegraph apparatus . . . . .	-	.7	-	.5	-	1.7	-	.6	-	.6
3662	Radio and TV communication equipment . . . . .	-	1.9	-	1.0	-	2.6	-	.9	-	1.1
367	Electronic components and accessories . . . . .	-	3.6	-	2.2	-	3.7	-	1.5	-	1.3
3671-3	Electron tubes . . . . .	-	1.3	-	.5	-	1.8	-	.7	-	.4
3674,9	Other electronic components . . . . .	-	4.1	-	2.5	-	4.1	-	1.7	-	1.5
369	Misc. electrical equipment & supplies . . . . .	-	4.1	-	2.3	-	4.0	-	1.3	-	2.1
3694	Engine electrical equipment . . . . .	-	4.2	-	1.7	-	4.1	-	1.0	-	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	
		Aug. 1971	July 1971	Aug. 1971	July 1971	Aug. 1971	July 1971	Aug. 1971	July 1971	Aug. 1971	July 1971
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b>	-	3.5	-	1.8	-	8.7	-	1.2	-	6.7
371	Motor vehicles and equipment	-	2.7	-	1.0	-	13.6	-	.8	-	11.9
3711	Motor vehicles	-	1.6	-	.7	-	17.8	-	.7	-	16.3
3712	Passenger car bodies	-	.9	-	.3	-	5.9	-	.4	-	4.7
3713	Truck and bus bodies	-	4.3	-	3.2	-	11.1	-	2.3	-	7.9
3714	Motor vehicle parts and accessories	-	3.8	-	1.1	-	11.3	-	.7	-	9.7
372	Aircraft and parts	-	2.2	-	.7	-	2.4	-	.7	-	1.2
3721	Aircraft	-	2.7	-	.6	-	2.0	-	.6	-	1.0
3722	Aircraft engines and engine parts	-	1.3	-	.5	-	2.3	-	.6	-	1.1
3723,9	Other aircraft parts and equipment	-	2.4	-	1.5	-	3.6	-	1.0	-	2.1
373	Ship and boat building and repairing	-	7.7	-	4.8	-	6.3	-	2.6	-	2.3
3731	Ship building and repairing	-	8.3	-	4.7	-	6.1	-	2.1	-	2.6
374	Railroad equipment	-	3.8	-	1.7	-	5.5	-	.8	-	3.7
375,9	Other transportation equipment	-	7.5	-	6.8	-	7.2	-	3.7	-	1.9
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	3.1	2.3	2.3	1.7	3.1	2.6	1.7	1.2	0.6	.7
381	Engineering & scientific instruments	-	1.8	-	1.0	-	2.2	-	.9	-	.7
382	Mechanical measuring & control devices	-	2.2	-	1.5	-	3.0	-	1.3	-	.9
3821	Mechanical measuring devices	-	1.7	-	1.2	-	2.3	-	1.1	-	.6
3822	Automatic temperature controls	-	3.2	-	2.1	-	4.0	-	1.5	-	1.3
383,5	Optical and ophthalmic goods	-	2.5	-	1.8	-	3.1	-	1.5	-	1.0
384	Medical instruments and supplies	-	2.8	-	2.1	-	3.3	-	1.7	-	.8
386	Photographic equipment and supplies	-	1.9	-	1.8	-	1.5	-	.7	-	.2
387	Watches, clocks, and watchcases	-	2.6	-	1.8	-	3.1	-	1.6	-	.5
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	6.3	5.7	5.2	4.0	6.1	5.7	3.6	2.3	1.4	2.4
391	Jewelry, silverware, and plated ware	-	5.3	-	2.4	-	6.1	-	2.0	-	3.4
394	Toys and sporting goods	-	8.7	-	6.4	-	8.3	-	3.4	-	3.7
3941-3	Games, toys, dolls, & play vehicles	-	12.0	-	8.8	-	10.0	-	4.1	-	4.3
3949	Sporting and athletic goods, n e c	-	4.6	-	3.5	-	6.2	-	2.4	-	2.9
395	Pens, pencils, office and art supplies	-	2.5	-	2.0	-	2.8	-	1.3	-	.6
396	Costume jewelry and notions	-	6.0	-	3.9	-	6.9	-	2.4	-	3.7
393,9	Other manufacturing industries	-	4.0	-	3.0	-	3.6	-	1.8	-	1.0
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	8.9	7.6	6.6	5.3	7.4	5.9	4.4	2.6	2.1	2.6
201	Meat products	-	7.2	-	4.5	-	6.2	-	3.3	-	2.0
2011	Meat packing plants	-	5.9	-	2.3	-	5.8	-	1.6	-	3.4
2015	Poultry dressing plants	-	11.8	-	9.3	-	8.8	-	7.4	-	.5
204	Grain mill products	-	3.6	-	2.6	-	3.2	-	1.6	-	.7
2041	Flour and other grain mill products	-	3.5	-	2.4	-	2.6	-	1.4	-	.5
2042	Prepared feeds for animals and fowls	-	4.0	-	2.9	-	3.7	-	2.0	-	.7
205	Bakery products	-	3.9	-	3.3	-	3.4	-	2.2	-	.6
2051	Bread, cake, and related products	-	3.3	-	3.0	-	3.1	-	2.2	-	.3
2052	Cookies and crackers	-	6.8	-	4.9	-	4.4	-	1.8	-	1.6
207	Confectionery and related products	-	6.4	-	4.2	-	7.4	-	2.5	-	4.0
2071	Confectionery products	-	7.2	-	4.4	-	8.9	-	2.8	-	5.1
208	Beverages	-	5.3	-	4.0	-	5.0	-	2.4	-	1.9
2082	Malt liquors	-	3.1	-	1.5	-	4.1	-	.3	-	3.2
21	<b>TOBACCO MANUFACTURES</b>	19.8	4.5	13.0	2.0	12.1	3.9	4.8	1.1	6.4	2.1
211	Cigarettes	-	1.1	-	.7	-	.9	-	.4	-	( <sup>1</sup> )
212	Cigars	-	5.6	-	3.0	-	8.4	-	3.0	-	4.8

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	
		Aug. 1971 <sup>P</sup>	July 1971	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1971 <sup>P</sup>	July 1971
	<i>Nondurable Goods--Continued</i>										
	<b>TEXTILE MILL PRODUCTS</b>	6.2	5.0	4.9	3.8	6.7	5.4	4.8	3.4	0.7	1.0
221	Weaving mills, cotton	-	4.4	-	3.6	-	5.0	-	3.8	-	.2
222	Weaving mills, synthetics	-	4.2	-	3.3	-	5.0	-	3.2	-	.7
223	Weaving and finishing mills, wool	-	5.0	-	3.0	-	9.9	-	2.5	-	6.2
224	Narrow fabric mills	-	6.2	-	3.3	-	7.1	-	2.7	-	3.6
225	Knitting mills	-	5.1	-	3.8	-	5.2	-	3.3	-	1.1
2251	Women's hosiery, except socks	-	3.6	-	2.6	-	4.1	-	3.1	-	.5
2252	Hosiery, n e c	-	4.4	-	3.8	-	4.4	-	3.6	-	.2
2254	Knit underwear mills	-	4.1	-	3.2	-	4.4	-	3.3	-	.4
226	Textile finishing, except wool	-	4.0	-	3.1	-	4.3	-	2.5	-	.8
227	Floor covering mills	-	5.2	-	4.3	-	4.2	-	2.8	-	.6
228	Yarn and thread mills	-	6.5	-	5.2	-	6.6	-	4.9	-	.6
229	Miscellaneous textile goods	-	4.7	-	3.5	-	4.8	-	2.4	-	1.5
	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	7.4	6.3	4.5	3.8	6.3	7.8	4.1	3.1	1.3	3.7
231	Men's and boys' suits and coats	-	3.8	-	1.9	-	6.2	-	1.6	-	4.0
232	Men's and boys' furnishings	-	5.7	-	4.5	-	6.1	-	4.2	-	1.0
2321	Men's and boys' shirts and nightwear	-	5.6	-	4.1	-	5.9	-	4.0	-	1.1
2327	Men's and boys' separate trousers	-	5.7	-	4.8	-	6.1	-	4.8	-	.6
2328	Men's and boys' work clothing	-	5.7	-	4.7	-	5.6	-	4.5	-	.3
234	Women's and children's undergarments	-	5.9	-	4.0	-	6.8	-	3.6	-	2.2
2341	Women's and children's underwear	-	6.4	-	4.4	-	7.5	-	4.0	-	2.4
2342	Corsets and allied garments	-	4.6	-	3.3	-	5.2	-	2.7	-	1.8
	<b>PAPER AND ALLIED PRODUCTS</b>	3.3	2.9	2.6	2.3	4.1	3.1	2.4	1.5	.7	.9
261,2,6	Paper and pulp mills	-	1.9	-	1.3	-	1.8	-	.7	-	.6
263	Paperboard mills	-	1.8	-	1.5	-	2.7	-	.9	-	1.0
264	Misc. converted paper products	-	3.5	-	2.9	-	3.6	-	1.9	-	.8
2643	Bags, except textile bags	-	3.8	-	2.9	-	4.0	-	2.1	-	1.0
265	Paperboard containers and boxes	-	3.7	-	2.8	-	4.2	-	2.0	-	1.3
2651,2	Folding and setup paperboard boxes	-	3.7	-	2.6	-	4.8	-	1.9	-	2.1
2653	Corrugated and solid fiber boxes	-	3.4	-	3.0	-	3.7	-	2.0	-	.8
	<b>PRINTING AND PUBLISHING</b>	3.3	2.8	2.5	2.2	4.0	3.0	2.2	1.6	1.0	.8
	<b>CHEMICALS AND ALLIED PRODUCTS</b>	2.0	1.9	1.5	1.4	2.9	2.1	1.5	.9	.7	.6
281	Industrial chemicals	-	1.3	-	.8	-	1.6	-	.6	-	.4
282	Plastics materials and synthetics	-	1.8	-	1.3	-	1.8	-	.8	-	.4
2821	Plastics materials and resins	-	1.3	-	1.0	-	1.6	-	.6	-	.3
2823,4	Synthetic fibers	-	2.4	-	1.7	-	2.0	-	1.0	-	.5
283	Drugs	-	1.7	-	1.3	-	1.6	-	.9	-	.3
2834	Pharmaceutical preparations	-	1.9	-	1.5	-	1.8	-	.9	-	.4
284	Soap, cleaners, and toilet goods	-	3.6	-	2.5	-	2.6	-	1.4	-	.5
2841	Soap and other detergents	-	2.8	-	1.8	-	1.6	-	.6	-	.4
2844	Toilet preparations	-	5.1	-	3.3	-	3.3	-	1.9	-	.6
285	Paints and allied products	-	2.1	-	1.8	-	2.4	-	1.0	-	.3
286,9	Other chemical products	-	2.2	-	1.5	-	2.5	-	1.1	-	.7
	<b>PETROLEUM AND COAL PRODUCTS</b>	2.0	1.7	1.7	1.5	2.9	1.8	1.7	.7	.5	.6
291	Petroleum refining	-	1.3	-	1.1	-	1.4	-	.4	-	.5
295,9	Other petroleum and coal products	-	3.3	-	3.1	-	3.6	-	2.0	-	.8
	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b>	5.4	4.2	3.8	3.0	5.5	4.4	3.0	2.0	1.5	1.4
301	Tires and inner tubes	-	1.8	-	1.2	-	1.4	-	.6	-	.1
302,3,6	Other rubber products	-	3.4	-	2.2	-	4.0	-	1.7	-	1.3
307	Miscellaneous plastics products	-	5.8	-	4.3	-	6.0	-	2.9	-	2.0

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	
		Aug. 1971 <sup>P</sup>	July 1971	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1971 <sup>P</sup>	July 1971	Aug. 1971 <sup>P</sup>	July 1971
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS .....	5.9	6.6	4.2	4.4	8.0	7.3	4.3	3.5	2.6	2.6
311	Leather tanning and finishing .....	-	3.8	-	3.2	-	5.4	-	2.6	-	2.0
314	Footwear, except rubber .....	-	6.5	-	4.3	-	7.4	-	3.6	-	2.5
	<b>NONMANUFACTURING</b>										
10	METAL MINING .....	3.0	2.3	2.3	1.8	4.4	2.9	2.9	1.6	.5	.5
101	Iron ores .....	-	2.1	-	1.1	-	2.0	-	.6	-	.8
102	Copper ores .....	-	1.1	-	.8	-	2.8	-	.9	-	.3
11,12	COAL MINING .....	2.1	1.8	1.8	1.5	2.1	1.9	1.4	1.0	.2	.4
12	Bituminous coal and lignite mining .....	-	1.8	-	1.5	-	1.9	-	1.0	-	.4
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	-	1.6	-	1.3	-	1.4	-	1.0	-	.1
482	Telegraph communication <sup>2</sup> .....	-	( <sup>3</sup> )	-	( <sup>3</sup> )	-	( <sup>3</sup> )	-	( <sup>3</sup> )	-	( <sup>3</sup> )

<sup>1</sup> Less than 0.05.<sup>2</sup> Data relate to all employees except messengers.<sup>3</sup> Not available.

p=preliminary.

**ESTABLISHMENT DATA** 106  
**SEASONALLY ADJUSTED LABOR TURNOVER**

**D-3: Labor turnover rates in manufacturing, 1960 to date**  
**seasonally adjusted**

(Per 100 employees)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1960	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.6	3.6
1961	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.1	3.8	4.3	4.3	4.1
1962	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963	3.8	3.9	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964	3.8	4.0	4.0	4.0	3.8	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965	4.0	4.1	4.4	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966	4.9	5.0	5.4	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.5
1967	4.6	4.3	4.3	4.2	4.6	4.4	4.3	4.4	4.3	4.5	4.6	4.4
1968	4.5	4.6	4.4	4.7	4.6	4.4	4.6	4.6	4.6	4.8	4.8	4.9
1969	4.9	4.7	4.9	4.9	4.7	4.9	4.7	4.5	4.8	4.6	4.4	4.5
1970	4.3	4.4	4.2	4.0	4.1	4.0	4.1	4.1	3.8	3.6	3.7	3.8
1971	3.8	3.7	3.9	4.0	3.8	3.7	3.7	4.2 p				
New hires												
1960	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.5	2.5
1962	2.6	2.6	2.6	2.6	2.7	2.5	2.6	2.4	2.4	2.3	2.3	2.1
1963	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.5
1964	2.4	2.5	2.6	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965	2.8	3.0	3.3	2.8	2.9	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966	3.7	3.9	4.3	3.9	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967	3.5	3.4	3.2	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.4
1968	3.4	3.3	3.4	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.6	3.7
1969	3.8	3.7	3.9	3.8	3.7	3.8	3.7	3.5	3.7	3.6	3.5	3.5
1970	3.3	3.1	3.0	2.9	2.7	2.7	2.8	2.9	2.6	2.4	2.4	2.3
1971	2.3	2.4	2.5	2.5	2.5	2.4	2.5	2.8 p				
Total separations												
1960	3.5	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.5	5.0
1961	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962	3.9	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.1	3.9
1963	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.8	3.9
1965	3.8	3.7	3.8	4.0	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.4
1966	4.1	4.3	4.6	4.7	4.6	4.8	4.9	4.7	4.9	4.5	4.7	4.6
1967	4.6	4.8	5.1	4.7	4.5	4.7	4.4	4.3	4.6	4.4	4.4	4.4
1968	4.6	4.6	4.6	4.4	4.6	4.5	4.6	4.9	4.6	4.6	4.6	4.3
1969	4.7	4.7	4.9	4.9	4.9	5.0	4.9	5.1	4.9	5.0	4.8	4.8
1970	5.0	5.1	4.9	5.2	4.9	4.8	4.9	4.6	4.4	4.9	4.8	4.7
1971	4.4	4.1	4.1	4.3	4.0	4.1	4.4	4.5 p				
Quits												
1960	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962	1.3	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
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	1.4	1.5	1.5	1.6	1.5	1.6
1965	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.7	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.7
1967	2.5	2.4	2.4	2.3	2.3	2.4	2.1	2.3	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.3	2.5	2.4	2.5	2.7	2.5	2.6	2.6	2.5
1969	2.7	2.7	2.7	2.8	2.8	2.7	2.8	2.8	2.6	2.7	2.6	2.5
1970	2.5	2.4	2.3	2.2	2.2	2.2	2.1	2.1	2.0	1.9	1.7	1.9
1971	1.8	1.7	1.7	1.7	1.8	1.9	1.8	1.9 p				
Layoffs												
1960	1.5	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.5	2.6	2.7	2.8
1961	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.8	1.9	2.0
1962	1.8	2.0	1.8	1.8	2.0	2.0	2.0	2.4	2.0	2.1	2.0	1.9
1963	1.9	1.8	1.9	1.8	1.8	1.7	1.7	2.0	1.9	1.8	1.8	1.7
1964	1.8	1.8	1.8	1.6	1.7	1.6	1.7	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	1.7	1.4	1.3	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.5	1.2	1.1	1.1	1.2	1.3
1967	1.3	1.4	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.3	1.3	1.2	1.1	1.2	1.1	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	1.2	1.2	1.3	1.2	1.4
1970	1.5	1.6	1.7	2.0	1.8	1.9	1.6	1.8	1.9	2.1	2.0	1.8
1971	1.7	1.5	1.5	1.6	1.5	1.5	1.5	1.9 p				

p=preliminary.

ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER

D-4: Labor turnover rates in manufacturing for selected States and areas

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
July 1971 <sup>P</sup>	June 1971	July 1971 <sup>P</sup>	June 1971	July 1971 <sup>P</sup>	June 1971	July 1971 <sup>P</sup>	June 1971	July 1971 <sup>P</sup>	June 1971	
ALABAMA:										
Birmingham .....	3.2	3.6	2.4	2.9	4.5	2.8	1.5	1.4	2.1	0.5
Mobile <sup>1</sup> .....	6.7	7.6	4.2	3.3	4.8	5.0	1.8	2.0	2.1	2.6
ALASKA .....	29.1	41.8	22.9	31.1	21.7	7.9	4.2	4.8	16.9	1.9
ARIZONA .....	5.2	6.0	3.8	4.5	5.0	4.5	2.6	2.4	1.5	1.0
Phoenix .....	5.0	5.5	3.5	3.9	4.7	4.3	2.3	2.0	1.5	1.1
ARKANSAS .....	6.8	7.7	5.7	6.6	6.2	6.1	4.5	4.2	.7	.8
Fort Smith .....	7.4	10.8	6.8	9.0	6.0	7.8	5.1	5.4	.1	1.5
Little Rock-North Little Rock .....	6.0	7.9	4.7	6.9	6.9	5.9	4.5	4.0	1.0	.4
Pine Bluff .....	5.1	5.3	3.7	4.1	5.1	5.7	2.8	3.0	1.5	2.1
COLORADO .....	4.9	7.0	4.0	5.2	4.4	4.9	2.4	2.6	1.1	1.4
Denver .....	5.0	6.7	4.2	5.4	4.3	5.3	2.5	2.8	.8	1.6
CONNECTICUT .....	2.3	3.2	1.5	2.3	3.1	2.6	1.2	1.2	1.1	.8
Hartford .....	1.8	2.1	1.1	1.5	3.0	2.5	.8	1.0	1.2	.8
DELAWARE <sup>1</sup> .....	2.1	3.0	1.3	2.2	8.0	2.3	1.0	1.0	6.2	.6
Wilmington <sup>1</sup> .....	2.1	3.2	1.2	2.4	8.2	2.3	.9	1.0	6.4	.6
DISTRICT OF COLUMBIA:										
Washington SMSA .....	(*)	2.9	(*)	2.8	(*)	2.9	(*)	1.7	(*)	
FLORIDA .....	5.8	7.3	4.9	6.1	6.3	7.4	3.6	4.0	1.7	2.3
Fort Lauderdale-Hollywood .....	6.5	8.2	5.9	7.3	7.2	8.0	5.1	4.2	.8	2.2
Jacksonville .....	7.8	10.0	5.3	8.4	6.5	8.7	2.8	3.2	2.1	3.4
Miami .....	4.8	5.6	3.9	5.0	5.6	6.6	2.4	2.5	2.3	3.2
Orlando .....	4.4	4.9	3.2	3.9	4.4	7.1	2.4	2.8	.8	2.9
Pensacola .....	2.1	1.7	1.9	1.6	2.1	1.5	1.4	1.1	.1	.1
Tampa-St. Petersburg .....	7.0	9.0	6.2	8.1	7.9	8.9	4.7	6.2	2.1	1.6
West Palm Beach .....	2.4	4.4	1.7	3.2	3.0	4.1	2.2	3.0	.1	.2
GEORGIA .....	5.0	6.2	4.2	5.1	6.9	4.8	3.8	3.6	2.2	.3
Atlanta <sup>2</sup> .....	4.2	5.0	3.6	4.3	11.8	3.9	3.2	2.7	7.7	.3
HAWAII <sup>3</sup> .....	2.0	3.3	1.4	2.2	2.1	1.8	1.0	.9	.5	.3
IDAHO <sup>4</sup> .....	7.6	12.3	6.8	8.2	6.0	4.7	4.0	3.0	.8	.
ILLINOIS:										
Chicago .....	2.9	4.0	2.3	3.1	3.2	3.1	1.6	1.6	.8	.6
INDIANA <sup>1</sup> .....	3.2	4.4	1.7	2.9	4.7	2.9	1.6	1.4	2.5	.7
Indianapolis <sup>5</sup> .....	4.6	3.6	1.4	1.9	4.3	2.6	1.1	1.1	2.6	.6
IOWA .....	3.6	5.1	2.3	3.2	3.2	3.1	1.5	1.3	1.1	1.3
Cedar Rapids .....	2.6	3.8	1.3	2.5	3.4	3.3	1.2	.8	1.7	2.0
Des Moines .....	3.3	4.1	2.6	3.0	2.7	2.8	1.8	1.7	.1	.2
KANSAS .....	3.3	5.2	2.4	3.5	3.4	3.8	1.8	1.8	.9	1.3
Topeka .....	1.8	4.4	1.3	1.8	3.5	2.5	1.2	1.2	1.7	.8
Wichita .....	4.1	6.2	2.6	4.0	2.5	3.0	1.3	1.1	.6	1.4
KENTUCKY .....	3.2	3.6	2.4	2.4	3.7	3.2	1.7	1.7	1.3	1.0
Louisville .....	2.6	3.4	1.7	2.0	2.4	2.7	1.1	1.0	.6	.9
LOUISIANA:										
New Orleans .....	4.2	5.8	3.2	4.3	4.6	4.1	1.8	1.8	1.6	1.0
MAINE .....	7.1	8.7	4.0	5.8	6.5	5.4	2.9	3.0	2.7	1.6
Portland .....	5.5	7.3	4.1	4.5	4.0	3.7	3.2	2.4	.3	.6
MARYLAND .....	3.9	4.1	2.8	2.8	4.3	3.7	1.7	1.6	1.8	1.4
Baltimore .....	3.3	4.0	2.4	2.8	4.4	3.7	1.6	1.6	2.0	1.3

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**

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
July 1971 <sup>P</sup>	June 1971	July 1971 <sup>P</sup>	June 1971	July 1971 <sup>P</sup>	June 1971	July 1971 <sup>P</sup>	June 1971	July 1971 <sup>P</sup>	June 1971	
MASSACHUSETTS .....	3.2	4.3	2.2	3.0	4.5	3.4	1.6	1.7	2.1	0.8
Boston .....	2.7	3.8	2.0	2.7	4.9	3.1	1.4	1.5	2.7	.8
MICHIGAN .....	(*)	4.0	(*)	1.9	(*)	3.3	(*)	.9	(*)	1.4
Detroit .....	2.8	3.8	1.4	1.9	7.3	2.7	.9	.9	4.9	.9
MINNESOTA .....	3.2	5.7	2.0	4.0	3.1	3.3	1.4	1.6	1.0	1.0
Minneapolis-St. Paul .....	2.8	4.5	1.8	3.1	2.9	3.1	1.3	1.5	1.1	1.0
MISSISSIPPI:										
Jackson .....	3.8	3.9	3.5	3.5	3.5	3.3	2.4	2.1	.3	.5
MISSOURI .....	3.3	4.3	2.3	2.9	3.9	3.4	1.7	1.7	1.4	.9
Kansas City .....	2.7	3.8	2.1	2.9	7.2	3.1	1.9	1.5	4.6	.8
St. Louis .....	2.3	3.5	1.3	2.2	3.3	2.7	1.0	1.1	1.5	.7
MONTANA .....	5.6	7.2	4.4	6.5	3.8	3.6	1.6	2.1	.8	.6
NEBRASKA .....	3.3	5.5	2.6	4.2	3.4	3.6	2.0	2.0	.4	.7
NEVADA .....	7.3	7.8	6.5	6.8	7.9	5.6	3.4	3.4	2.3	.
NEW HAMPSHIRE .....	3.7	5.4	3.1	4.3	4.7	4.2	2.6	2.8	1.4	
NEW JERSEY:										
Camden <sup>6</sup> .....	3.1	5.2	2.0	3.8	3.6	3.3	1.1	1.3	1.8	.9
Jersey City .....	4.5	4.0	2.2	2.3	5.5	3.0	1.1	1.1	3.6	1.2
Newark .....	3.7	4.1	2.3	2.9	5.7	3.3	1.3	1.3	3.7	1.2
Paterson-Clifton-Passaic .....	4.2	4.4	2.3	2.7	5.3	3.0	1.4	1.3	3.0	.8
Perth Amboy .....	3.5	3.8	2.0	2.7	4.5	3.3	1.2	1.2	2.6	1.4
Trenton .....	2.8	3.4	1.3	2.3	4.8	3.9	.9	1.1	2.9	2.0
NEW YORK .....	4.8	4.4	2.6	2.7	5.9	4.0	1.4	1.3	3.7	2.0
Albany-Schenectady-Troy .....	3.5	3.0	1.7	2.0	3.2	2.8	1.1	1.2	1.3	.8
Binghamton .....	2.2	2.7	.9	1.4	4.5	1.7	.9	.8	3.2	.3
Buffalo .....	5.5	3.3	2.0	2.0	10.0	3.2	.9	.9	8.1	1.6
Elmira .....	2.6	3.2	1.5	1.9	3.6	1.9	1.0	1.0	1.9	.3
Monroe County <sup>7</sup> .....	2.4	3.2	1.9	2.7	2.5	1.5	.9	.8	1.0	.3
Nassau and Suffolk Counties <sup>8</sup> .....	4.4	4.8	2.9	3.4	5.5	4.1	1.8	1.8	3.0	1.5
New York SMSA .....	5.6	5.0	3.1	3.0	6.6	4.8	1.7	1.4	4.0	2.6
New York City <sup>8</sup> .....	6.1	5.2	3.3	3.0	6.9	5.2	1.7	1.3	4.3	3.0
Rochester .....	3.3	3.5	2.4	2.8	2.6	1.8	1.0	.9	1.0	.4
Syracuse .....	2.9	3.5	1.8	2.0	3.1	2.1	1.2	1.0	.9	.5
Utica-Rome .....	2.6	3.0	1.3	1.9	5.0	2.9	.9	.9	3.5	1.4
Westchester County <sup>8</sup> .....	3.0	3.2	1.7	2.1	6.3	2.9	1.2	1.1	4.5	1.1
NORTH CAROLINA .....	4.5	5.6	3.8	4.7	4.9	4.3	3.6	3.1	.4	.3
Charlotte .....	5.2	5.2	4.3	4.7	4.4	4.5	3.6	3.4	.1	.3
Greensboro-Winston-Salem- High Point .....	3.7	5.7	3.2	4.6	3.9	4.1	2.9	2.8	.2	.4
NORTH DAKOTA .....	4.3	7.0	3.6	6.1	5.2	8.0	2.3	2.6	2.3	4.6
Fargo-Moorhead .....	5.0	6.8	4.0	5.4	3.0	1.9	2.1	1.2	.7	.3
OHIO .....	2.5	3.6	1.4	2.2	3.1	3.4	.9	1.0	1.4	1.5
Akron .....	3.0	2.2	1.8	1.1	2.4	2.5	.8	.8	1.1	1.0
Canton .....	2.8	3.5	1.0	1.6	4.0	4.7	.8	.9	2.3	2.9
Cincinnati .....	2.7	3.7	1.7	2.5	2.9	5.1	1.1	1.0	1.0	3.3
Cleveland .....	2.8	3.4	1.4	2.1	3.3	3.1	1.0	1.1	1.4	1.2
Columbus .....	2.2	3.1	1.6	2.1	2.9	3.3	1.2	1.5	1.1	1.1
Dayton .....	2.1	2.8	1.0	1.2	2.1	3.8	.7	1.1	.7	1.9
Toledo .....	3.3	4.2	1.9	2.8	3.6	2.7	1.1	1.0	1.5	.7
Youngstown-Warren .....	1.7	2.9	1.0	1.7	4.6	3.8	.6	.7	2.5	1.9
OKLAHOMA .....	4.8	5.1	3.8	4.1	4.9	4.5	3.1	2.6	.9	1.0
Oklahoma City .....	6.2	5.6	4.5	4.4	5.8	6.2	3.5	3.5	1.1	1.4
Tulsa <sup>9</sup> .....	4.2	4.8	3.7	3.9	4.4	3.7	2.7	2.3	.6	.4
OREGON <sup>1</sup> .....	4.6	6.8	3.7	5.6	4.3	4.2	2.2	2.1	1.3	1.2
Portland <sup>1</sup> .....	3.5	5.3	2.7	4.0	3.3	3.8	1.6	1.7	1.1	1.4

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**

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
July 1971 <sup>p</sup>	June 1971	July 1971 <sup>p</sup>	June 1971	July 1971 <sup>p</sup>	June 1971	July 1971 <sup>p</sup>	June 1971	July 1971 <sup>p</sup>	June 1971	
<b>PENNSYLVANIA:</b>										
Allentown-Bethlehem-Easton .....	3.5	3.7	1.8	2.4	9.3	3.1	1.2	1.2	6.9	1.2
Altoona .....	3.4	5.9	2.8	4.5	4.3	3.6	2.0	2.4	1.9	.6
Erie .....	3.9	4.6	1.9	2.9	3.5	3.4	1.0	1.2	1.6	1.2
Harrisburg .....	3.6	5.0	2.7	3.7	3.3	2.7	1.8	1.4	.8	.6
Johnstown .....	2.0	2.2	1.1	1.4	9.3	4.0	1.2	1.0	7.7	2.6
Lancaster .....	3.9	4.6	2.1	3.7	3.6	3.2	1.9	2.0	1.2	.5
Philadelphia .....	3.2	3.9	1.7	2.8	4.7	3.4	1.2	1.2	2.8	1.4
Pittsburgh .....	2.4	3.1	1.2	1.7	3.7	2.3	.6	.6	2.4	1.1
Reading .....	2.5	4.4	1.9	3.1	4.4	3.3	1.6	1.6	2.1	1.0
Scranton .....	6.1	4.5	2.7	2.6	5.1	4.3	1.6	1.4	2.5	2.4
Wilkes-Barre-Hazleton .....	3.7	4.2	1.5	2.5	5.0	5.6	1.5	1.5	2.8	3.5
York .....	4.1	4.7	2.6	3.9	5.3	2.9	1.9	1.9	2.7	.4
<b>RHODE ISLAND .....</b>										
Providence-Pawtucket-Warwick .....	6.1	5.3	2.8	3.9	7.0	4.2	1.8	2.0	4.4	1.4
<b>SOUTH CAROLINA:</b>										
Greenville .....	5.4	5.8	4.6	5.1	5.2	4.9	3.9	3.7	.2	
<b>SOUTH DAKOTA .....</b>										
Sioux Falls .....	4.3	6.6	2.6	4.8	4.0	4.5	2.1	2.0	1.4	2.0
<b>TENNESSEE:</b>										
Memphis .....	5.2	5.2	3.9	4.2	5.0	4.8	2.6	2.1	1.3	1.
<b>TEXAS:</b>										
Dallas .....	4.1	4.6	3.6	4.0	4.5	4.4	2.9	2.6	.8	.9
Fort Worth .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston .....	3.7	4.5	3.3	4.0	3.8	3.7	2.5	2.3	.4	.4
San Antonio .....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>UTAH<sup>4</sup> .....</b>										
Salt Lake City <sup>4</sup> .....	7.2	7.7	3.6	5.1	3.9	4.7	2.1	2.3	1.1	1.7
<b>VERMONT .....</b>										
Burlington .....	2.2	3.6	1.6	2.3	2.7	2.3	1.4	1.5	.5	.3
Springfield .....	1.4	2.7	.7	1.8	2.4	2.1	.9	1.0	.6	.5
<b>VIRGINIA .....</b>										
Richmond .....	2.1	4.5	.7	.7	1.8	1.9	.8	.5	.6	.9
<b>VIRGINIA .....</b>										
Richmond .....	4.4	5.9	3.4	4.8	4.5	4.2	2.6	2.5	1.0	.8
<b>WASHINGTON:</b>										
Seattle-Everett <sup>10</sup> ..	3.2	4.5	2.1	3.5	3.0	3.1	1.7	1.8	.7	.
<b>WEST VIRGINIA:</b>										
Charleston .....	1.1	1.5	.8	.8	.9	.9	.4	.3	.1	
<b>WISCONSIN .....</b>										
Milwaukee .....	4.0	5.4	2.6	3.6	4.5	2.8	1.1	1.1	2.6	.
<b>WYOMING .....</b>										
	2.7	4.3	1.6	2.7	3.8	3.0	1.1	1.2	1.9	.
	6.6	9.3	5.7	8.3	4.3	4.1	2.8	2.4	1.0	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> Subarea of New York Standard Metropolitan Statistical Area.

<sup>9</sup> Excludes new-hire rate for transportation equipment.

<sup>10</sup> Excludes canning and preserving, printing and publishing.

\* Not available.

<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA**  
**JOB VACANCY**

**E-1: Number and rate of job vacancies in manufacturing, April 1969 to date**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Number of job vacancies (In thousands)													
1969.....	-	-	-	293	290	240	256	312	288	242	209	185	263
1970.....	186	170	165	158	151	123	126	137	118	93	76	77	132
1971.....	81	80	83	93	95	89	<sup>3</sup> 90	<sup>3</sup> 106 <sup>P</sup>					
Job vacancy rates <sup>1</sup>													
1969.....	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9	1.3
1970.....	0.9	0.8	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4	.7
1971.....	.4	.4	.4	.5	.5	.5	<sup>3</sup> .5	<sup>3</sup> .6 <sup>P</sup>					
Number of long-term job vacancies <sup>2</sup> (In thousands)													
1969.....	-	-	-	137	131	110	109	121	127	111	101	90	120
1970.....	76	69	67	60	58	45	44	43	38	33	30	29	49
1971.....	28	27	27	28	27	25	<sup>3</sup> 26	<sup>3</sup> 29 <sup>P</sup>					
Long-term job vacancy rates <sup>2</sup>													
1969.....	-	-	-	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.6
1970.....	0.4	0.3	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3
1971.....	.1	.1	.1	.2	.1	.1	<sup>3</sup> .1	<sup>3</sup> .2 <sup>P</sup>					

<sup>1</sup> Computed by dividing the number of vacancies by the sum of employment plus vacancies and multiplying that quotient by 100.  
<sup>2</sup> Long-term job vacancies are those vacancies that have remained unfilled for 30 days or more. The long-term job vacancy rate is computed by dividing the number of long-term vacancies by the sum of employment plus all job vacancies and multiplying that quotient by 100.  
<sup>3</sup> Vacancy data for July and August 1971 have been adjusted to new benchmark levels and are not strictly comparable with those of earlier months.  
<sup>P</sup> preliminary.

**E-2: Job vacancy rates in manufacturing, by industry**

Industry division and group	1971								1970				
	Aug. <sup>4</sup>	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
Job vacancy rates <sup>1</sup>													
Manufacturing .....	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.7
Durable goods .....	.5	.4	.4	.4	.4	.4	.4	.4	.3	.3	.4	.5	.6
Nondurable goods .....	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.6	.7	.8
Selected durable goods industries:													
Primary metal industries .....	.2	.2	.2	.3	.4	.3	.3	.3	.2	.2	.3	.4	.6
Machinery, except electrical .....	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6
Electrical equipment and supplies .....	.6	.5	.5	.5	.5	.4	.4	.4	.4	.3	.4	.6	.7
Transportation equipment .....	.6	.5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.6
Instruments and related products .....	.7	.8	.9	.7	.8	.6	.5	.6	.5	.4	.6	.7	.7
Selected nondurable goods industries:													
Textile mill products .....	1.1	.8	.9	.9	.9	.8	.6	.7	.6	.6	.8	1.0	1.0
Apparel and other textile products .....	1.4	1.3	1.3	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.4	1.5
Printing and publishing .....	.4	.3	.3	.3	.4	.4	.4	.4	.3	.4	.4	.5	.6
Chemicals and allied products .....	.4	.4	.4	.5	.4	.5	.4	.4	.4	.4	.4	.6	.6
Long-term job vacancy rates <sup>2</sup>													
Manufacturing .....	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
Durable goods .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2
Nondurable goods .....	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
Selected durable goods industries:													
Primary metal industries .....	.1	*	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Machinery, except electrical .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2
Electrical equipment and supplies .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
Transportation equipment .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2
Instruments and related products .....	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2
Selected nondurable goods industries:													
Textile mill products .....	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2
Apparel and other textile products .....	.6	.6	.6	.7	.7	.7	.7	.6	.6	.6	.6	.7	.8
Printing and publishing .....	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products .....	.1	.1	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2
Long-term job vacancies as a percent of job vacancies <sup>3</sup>													
Manufacturing .....	28	29	28	29	30	32	34	34	38	40	35	32	31
Durable goods .....	24	24	23	23	24	27	26	29	36	37	34	30	30
Nondurable goods .....	31	33	34	33	37	37	41	38	41	42	37	34	33
Selected durable goods industries:													
Primary metal industries .....	26	24	26	30	24	28	23	21	29	34	44	31	27
Machinery, except electrical .....	26	28	30	32	28	29	31	35	40	39	40	38	37
Electrical equipment and supplies .....	19	20	15	16	18	19	14	26	26	30	27	24	25
Transportation equipment .....	24	26	23	22	23	22	24	25	38	40	34	31	32
Instruments and related products .....	16	18	21	16	18	32	19	20	25	28	21	20	24
Selected nondurable goods industries:													
Textile mill products .....	21	19	21	20	23	19	27	23	24	25	23	22	21
Apparel and other textile products .....	45	48	49	49	52	53	55	52	52	56	51	51	50
Printing and publishing .....	21	19	26	19	20	21	21	20	26	23	23	22	21
Chemicals and allied products .....	29	29	37	35	39	34	43	35	45	51	49	38	31

<sup>1</sup> See footnote 1, table E-1.      <sup>2</sup> See footnote 2, table E-1.      <sup>3</sup> Percentages are computed using unrounded rates.      <sup>P</sup> preliminary.  
<sup>4</sup> See footnote 3, table E-1.      \* Less than 0.05.

## ESTABLISHMENT DATA NATIONAL AND AREA JOB VACANCY

### E-3: Percent distribution of job vacancies in manufacturing, by industry

Industry division and group	1971								1970				
	<sup>1</sup> Aug.P	<sup>1</sup> July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
Manufacturing . . . . .	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
Durable goods . . . . .	50.0	50.6	48.7	47.2	49.4	47.8	49.6	46.9	48.5	46.6	49.1	48.8	51.5
Primary metal industries . . . . .	2.2	2.3	3.0	4.2	4.9	4.8	5.0	4.1	4.1	3.8	3.5	5.0	5.5
Machinery, except electrical . . . . .	7.7	7.6	7.2	7.2	7.3	7.9	8.0	8.4	8.9	9.1	8.6	8.5	8.1
Electrical equipment and supplies . . . . .	9.8	9.6	9.5	8.5	8.6	7.7	9.5	8.5	9.0	8.4	9.0	9.3	9.8
Transportation equipment . . . . .	10.0	9.3	8.3	8.0	7.9	7.6	7.8	7.9	8.6	7.5	7.0	5.9	7.2
Instruments and related products . . . . .	2.9	3.8	4.4	3.4	3.6	3.0	2.6	3.1	2.6	2.4	3.1	2.5	2.4
Other durable goods industries . . . . .	17.8	18.0	16.3	15.9	17.2	16.7	16.6	14.9	15.3	15.5	17.9	17.5	18.6
Nondurable goods . . . . .	50.0	49.4	51.3	52.8	50.6	52.2	50.4	53.1	51.5	53.4	50.9	51.2	48.5
Textile mill products . . . . .	9.7	8.6	9.2	8.9	8.7	9.0	7.5	7.9	7.7	7.7	8.1	8.1	7.1
Apparel and other textile products . . . . .	18.1	19.2	19.9	20.1	19.7	21.5	21.0	21.0	20.4	20.7	17.2	16.3	15.7
Printing and publishing . . . . .	4.0	4.0	3.9	3.9	4.3	4.7	4.9	6.0	4.1	5.2	5.2	4.6	5.1
Chemicals and allied products . . . . .	4.0	4.6	4.8	5.1	4.9	5.7	5.8	4.9	6.1	5.4	4.6	5.2	4.9
Other nondurable goods industries . . . . .	14.0	12.8	13.4	14.9	11.0	11.6	11.3	13.3	13.2	14.0	15.9	17.0	15.7

<sup>1</sup> See footnote 3, table E-1.  
p=preliminary.

### E-4: Job vacancy rates, United States and selected areas

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total <sup>1</sup>		Long-term <sup>2</sup>			Total <sup>1</sup>		Long-term <sup>2</sup>	
	July P	June	July P	June		July P	June	July P	June
<b>Manufacturing</b>					<b>Manufacturing—Continued</b>				
United States <sup>3</sup> . . . . .	0.5	0.5	0.1	0.1	Sioux Falls, S. D. . . . .	.9	.7	*	*
Albany—Schenectady—					Syracuse, N. Y. . . . .	.5	.4	.1	.1
Troy, N. Y. . . . .	.2	.3	.1	.1	Tampa—St. Petersburg, Fla. . . . .	.6	.7	.1	.2
Atlanta, Ga. . . . .	.6	.4	.1	.1	Wichita, Kans. . . . .	.3	.3	.1	.1
Baltimore, Md. . . . .	.5	.5	.2	.1	<b>Nonmanufacturing<sup>4</sup></b>				
Boston, Mass. . . . .	.7	.4	.2	.1	Mining:				
Buffalo, N. Y. . . . .	.2	.2	.1	.1	New Orleans, La. . . . .	2.1	.3	.3	.2
Cedar Rapids, Iowa . . . . .	.1	.5	*	*	Phoenix, Ariz. . . . .	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Dallas, Tex. . . . .	.5	.4	.2	.1	Portland, Ore. . . . .	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Denver, Colo. . . . .	.3	.3	.1	.1	Construction:				
Des Moines, Iowa . . . . .	.3	.4	*	*	Portland, Ore. . . . .	.8	.3	.3	.2
Detroit, Mich. . . . .	.2	.1	*	*	Wholesale and Retail				
Greensboro—Winston-Salem—					Trade:				
Highpoint, N. C. . . . .	1.0	1.3	.2	.2	Boston, Mass. . . . .	.2	.2	.1	.1
Greenville, S. C. . . . .	.7	.6	.1	.1	Houston, Tex. . . . .	.2	.2	*	*
Houston, Tex. . . . .	.6	.5	.2	.3	Portland, Ore. . . . .	.5	.5	*	.2
Jersey City, N. J. . . . .	.3	.2	.1	.1	Finance, Insurance and				
Kansas City, Mo. . . . .	.3	.2	*	.1	Real Estate:				
Little Rock—North					Boston, Mass. . . . .	1.5	1.5	.4	.3
Little Rock, Ark. . . . .	.5	.6	.1	.2	Hartford, Conn. . . . .	2.3	3.1	1.7	1.4
Memphis, Tenn. . . . .	.1	.2	.1	.1	Phoenix, Ariz. . . . .	1.0	.9	.1	.2
Miami, Fla. . . . .	.5	.4	*	.1	Portland, Ore. . . . .	.7	.6	.1	.2
Milwaukee, Wis. . . . .	.3	.3	.1	.1	Salt Lake City,				
Minneapolis—St. Paul,					Utah . . . . .	.5	.5	.	.2
Minn. . . . .	.4	.4	.1	.1	Service:				
New Orleans, La. . . . .	.4	.2	N.A.	*	Boston, Mass. . . . .	1.1	1.4	.4	.4
Newark, N. J. . . . .	.4	.4	.1	.1	Phoenix, Ariz. . . . .	.7	.7	.1	.1
New York, N. Y. . . . .	.5	.5	.2	.2	Portland, Ore. . . . .	.7	.6	.2	.2
Oklahoma City, Okla. . . . .	.6	.7	.1	*	Government:				
Paterson—Clifton—					Atlanta, Ga. . . . .	1.5	1.4	.8	.7
Passaic, N. J. . . . .	.2	.4	.1	.1	Boston, Mass. . . . .	1.5	1.3	1.0	.6
Perth Amboy, N. J. . . . .	.5	.5	.2	.2	Phoenix, Ariz. . . . .	1.0	1.2	.4	.5
Philadelphia, Pa. . . . .	.5	.5	.1	.1	Portland, Ore. <sup>6</sup> . . . . .	.9	.8	.3	.3
Phoenix, Ariz. . . . .	.6	1.0	.1	.1	<b>All Nonagricultural Industries</b>				
Portland, Ore. . . . .	.4	.4	*	*	Phoenix, Ariz. . . . .	.6	.7	.1	.2
Providence—Pawtucket—					Portland, Ore. . . . .	.5	.5	.1	.1
Warwick, R. I. . . . .	.7	.5	.2	.1	Salt Lake City, Utah . . . . .	.6	.4	.1	.1
Richmond, Va. . . . .	.4	.3	.1	.1					
Salt Lake City, Utah . . . . .	.4	.3	.1	*					
St. Louis, Mo. . . . .	.3	.2	.1	*					

<sup>1</sup> See footnote 1, table E-1.

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

<sup>3</sup> Based on a nationwide sample which includes metropolitan areas not shown in the table as well as nonmetropolitan areas. July data have been adjusted to reflect March 1970 benchmark employment levels and are not strictly comparable with those of earlier months.

<sup>4</sup> Additional industry data, by area, will be published when available.

<sup>5</sup> Combined with services.

<sup>6</sup> Excludes Education.

\* Less than 0.05.

p=preliminary.

N.A.=Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

F-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	September 1971	August 1971	September 1970	Change September 1971 from <sup>1</sup>		September 1971	August 1971	September 1970
				August 1971	September 1970			
TOTAL <sup>2,3</sup>	1,732.5	*1,984.6	1,643.1	-252.1	89.4	3.2	*3.7	3.1
SEASONALLY ADJUSTED	2,351.1	*2,237.6	2,221.2	113.5	129.8	4.4	4.2	4.2
Alabama	22.7	23.2	21.0	-.5	1.7	3.2	3.3	3.0
Alaska	2.4	3.0	2.5	-.5	-.1	4.2	5.1	4.8
Arizona	8.9	10.4	10.1	-1.5	-1.2	2.3	2.7	2.7
Arkansas	11.1	12.0	11.6	-.9	-.6	2.8	3.0	2.9
California	233.1	267.4	272.3	-34.3	-39.2	4.4	5.1	5.2
Colorado	5.8	6.5	5.3	-.7	.6	1.1	1.3	1.1
Connecticut	62.0	71.7	44.8	-9.7	17.2	6.1	7.0	4.4
Delaware	3.0	7.5	3.9	-4.5	-1.0	1.8	4.4	2.3
District of Columbia	5.9	7.6	5.6	-1.7	.2	1.7	2.2	1.6
Florida	40.3	41.7	39.0	-1.4	1.3	2.6	2.7	2.7
Georgia	18.9	23.2	19.6	-4.3	-.7	1.7	2.1	1.8
Hawaii	12.8	10.0	6.3	2.8	6.5	4.9	3.8	2.6
Idaho	4.3	6.8	4.2	-2.6	.1	2.8	4.4	2.8
Illinois	72.5	82.2	73.1	-9.7	-.6	2.3	2.6	2.3
Indiana	31.6	35.0	25.6	-3.4	6.0	2.3	2.5	1.8
Iowa	8.9	11.9	9.7	-3.0	-.8	1.5	2.0	1.7
Kansas	10.4	12.8	14.7	-2.4	-4.3	2.4	3.0	3.3
Kentucky	17.3	20.1	13.5	-2.8	3.9	2.8	3.2	2.2
Louisiana	24.1	26.0	25.9	-1.9	-1.8	3.3	3.6	3.6
Maine	12.4	12.0	8.9	.4	3.5	5.5	5.4	4.0
Maryland	31.0	39.8	20.7	-8.8	10.3	3.3	4.2	2.2
Massachusetts	75.1	85.2	74.2	-10.0	1.0	4.3	4.9	4.3
Michigan	85.4	*141.5	98.8	-56.1	-13.4	3.6	*6.0	4.0
Minnesota	18.1	22.3	18.4	-4.3	-.3	1.8	2.3	1.9
Mississippi	7.7	7.3	7.0	.5	.8	2.0	1.9	1.8
Missouri	34.7	45.0	32.0	-10.3	2.7	2.9	3.8	2.7
Montana	3.5	5.0	2.4	-1.5	1.1	2.7	3.9	1.9
Nebraska	3.5	*4.4	3.8	-.9	-.3	1.1	*1.4	1.2
Nevada	7.3	6.9	5.7	.3	1.6	4.5	4.3	3.7
New Hampshire	5.7	6.7	5.0	-.9	.7	2.9	3.4	2.5
New Jersey	88.1	102.6	79.2	-14.4	8.9	4.3	5.0	3.8
New Mexico	6.1	7.3	7.5	-1.2	-1.4	3.3	3.9	4.1
New York	244.1	232.2	183.8	11.9	60.3	4.3	4.1	3.2
North Carolina	20.6	27.0	23.6	-6.4	-3.0	1.5	2.0	1.8
North Dakota	.9	1.4	.7	-.5	.2	1.1	1.7	.9
Ohio	78.9	90.6	50.4	-11.7	28.6	2.7	3.1	1.7
Oklahoma	14.5	16.8	13.5	-2.3	1.0	2.9	3.4	2.8
Oregon	19.8	21.5	21.0	-1.7	-1.2	3.7	4.0	3.9
Pennsylvania	116.5	133.5	98.4	-17.0	18.1	3.5	4.0	2.9
Puerto Rico <sup>2</sup>	60.7	59.5	57.5	1.2	3.3	10.4	11.5	8.6
Rhode Island	12.8	16.6	12.9	-3.8	-.2	4.6	5.9	4.6
South Carolina	13.5	15.4	15.8	-1.9	-2.4	2.2	2.5	2.6
South Dakota	1.0	1.4	1.0	-.4	-	1.0	1.5	1.1
Tennessee	22.9	24.7	28.5	-1.9	-5.6	2.4	2.6	3.0
Texas	35.8	43.9	36.7	-8.0	-.9	1.4	1.7	1.4
Utah	7.4	8.8	6.4	-1.5	1.0	3.2	3.8	2.8
Vermont	3.6	4.0	2.8	-.4	.8	3.5	3.9	2.8
Virginia	9.1	11.8	9.0	-2.7	.1	.9	1.2	.9
Washington	60.1	68.7	73.9	-8.7	-13.8	7.7	8.8	8.9
West Virginia	9.6	11.3	7.6	-1.8	2.0	2.6	3.1	2.1
Wisconsin	25.7	29.6	26.7	-3.9	-1.0	2.3	2.6	2.3
Wyoming	.6	.8	.6	-.2	-	.8	1.1	.8

<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.

\* Revised

F-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	Sept. 1971	Sept. 1970	State and area	Sept. 1971	Sept. 1970	State and area	Sept. 1971	Sept. 1970	State and area	Sept. 1971	Sept. 1970
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--</b>		
Birmingham.....	6.3	4.7	Evansville.....	1.2	1.5	Manchester.....	.8	1.0	continued		
Mobile.....	3.0	2.2	Ft. Wayne.....	1.0	1.7				York.....	2.3	2.
			Gary-Hammond..	11.5	2.1						
<b>ARIZONA</b>			Indianapolis....	4.3	5.1	<b>NEW JERSEY</b>			<b>PUERTO RICO</b>		
Phoenix.....	6.0	7.4	South Bend.....	1.6	2.0	Atlantic City....	2.0	2.5	Mayaguez.....	2.2	2.7
			Terre Haute.....	.8	.7	Jersey City.....	12.0	11.7	Ponce.....	3.1	2.1
						Newark.....	25.4	21.4	San Juan.....	8.1	6.4
<b>ARKANSAS</b>						New Brunswick..	10.6	8.7			
Little Rock.....	1.4	1.5	<b>IOWA</b>			Paterson.....	18.2	17.8			
			Cedar Rapids....	1.0	.8	Trenton.....	2.9	2.1			
			Des Moines.....	1.3	.8				<b>RHODE ISLAND</b>		
<b>CALIFORNIA</b>						<b>NEW MEXICO</b>			Providence.....	14.6	17.
Anaheim-S. Ana-			<b>KANSAS</b>			Albuquerque....	2.5	3.1			
Garden Grove..	16.2	20.5	Wichita.....	4.0	7.6						
Fresno.....	3.7	4.5	<b>KENTUCKY</b>						<b>SOUTH CAROLINA</b>		
Los Angeles....	106.4	128.6	Louisville.....	6.0	4.8	<b>NEW YORK</b>			Charleston.....	2.0	1.5
Sacramento.....	7.4	8.1				Albany.....	6.3	4.3	Greenville.....	1.4	1.8
San Bernardino..	13.2	14.6	<b>LOUISIANA</b>			Binghamton....	2.3	2.3			
San Diego.....	14.8	18.2	Baton Rouge....	1.8	2.0	Buffalo.....	28.0	11.8			
San Francisco..	43.9	43.5	New Orleans....	8.4	8.5	New York.....	177.3	140.3			
San Jose.....	11.1	14.9	Shreveport.....	2.1	2.0	Rochester.....	6.6	7.1			
Stockton.....	2.8	3.3				Syracuse.....	5.2	5.4	<b>TENNESSEE</b>		
			<b>MAINE</b>			Utica.....	5.1	3.1	Chattanooga....	1.5	2.1
<b>COLORADO</b>			Portland.....	.1	1.2				Knoxville.....	2.6	2.8
Denver.....	3.2	3.5	<b>MARYLAND</b>			<b>NORTH CAROLINA</b>			Memphis.....	3.2	4.0
			Baltimore.....	25.2	14.6	Asheville.....	.6	.9	Nashville.....	3.4	2.7
<b>CONNECTICUT</b>						Charlotte.....	1.5	1.5			
Bridgeport.....	9.3	7.4	<b>MASSACHUSETTS</b>			Durham.....	.5	.7	<b>TEXAS</b>		
Hartford.....	14.3	7.6	Boston.....	35.0	32.7	Greensboro....			Austin.....	.6	.6
New Britain.....	3.8	2.7	Brockton.....	2.5	2.4	Winston-Salem..	2.6	2.7	Beaumont.....	2.4	2.1
New Haven.....	7.4	5.1	Fall River.....	2.5	3.3				Corpus Christi..	.9	1.5
Stamford.....	2.3	1.8	Lawrence.....	5.4	6.4	<b>OHIO</b>			Dallas.....	5.7	7.2
Waterbury.....	5.6	5.0	Lowell.....	3.8	3.4	Akron.....	4.1	3.3	El Paso.....	1.7	1.5
			New Bedford....	3.3	5.1	Canton.....	5.4	1.6	Ft. Worth.....	4.9	3.3
<b>DELAWARE</b>			Springfield....	8.4	7.3	Cincinnati.....	9.9	5.8	Houston.....	5.2	4.0
Wilmington.....	3.1	4.0	Worcester.....	4.9	3.8	Cleveland.....	17.6	12.2	San Antonio.....	2.5	3.3
						Columbus.....	3.2	3.2			
<b>DIST. OF COL.</b>			<b>MICHIGAN</b>			Dayton.....	5.3	3.6	<b>UTAH</b>		
Washington.....	11.0	9.7	Battle Creek....	1.8	1.9	Hamilton.....	2.7	1.1	Salt Lake City..	4.1	3.
			Detroit.....	48.4	55.5	Lorain.....	2.2	1.5			
<b>FLORIDA</b>			Flint.....	3.2	6.3	Staubenville...	1.0	.6			
Jacksonville....	.2	1.0	Grand Rapids...	4.8	5.5	Toledo.....	3.8	3.6	<b>VIRGINIA</b>		
Miami.....	22.6	12.5	Kalamazoo.....	1.8	2.0	Youngstown....	11.4	2.8	Hampton.....	.7	1.4
Tampa.....	4.6	5.1	Lansing.....	2.6	2.8				Norfolk.....	1.3	1.2
			Muskegon.....	3.1	2.7	<b>OKLAHOMA</b>			Richmond.....	.7	.8
<b>GEORGIA</b>			Saginaw.....	1.1	1.2	Oklahoma City..	3.3	2.4	Roanoke.....	.6	.4
Atlanta.....	8.1	6.7			Tulsa.....	2.9	2.8				
Augusta.....	1.7	1.5	<b>MINNESOTA</b>						<b>WASHINGTON</b>		
Columbus.....	1.0	1.2	Duluth.....	1.5	1.3	<b>OREGON</b>			Seattle.....	35.0	44.6
Macon.....	.7	1.1	Minneapolis....	11.4	12.6	Portland.....	12.0	12.8	Spokane.....	4.0	4.3
Savannah.....	.8	1.2						Tacoma.....	6.1	8.1	
			<b>MISSISSIPPI</b>			<b>PENNSYLVANIA</b>					
<b>HAWAII</b>			Jackson.....	.5	.7	Allentown.....	6.1	4.2	<b>WEST VIRGINIA</b>		
Honolulu.....	11.4	5.0			Altoona.....	1.4	1.1	Charleston.....	1.1	.9	
			<b>MISSOURI</b>			Erie.....	1.8	1.6	Huntington....	3.2	1.7
<b>ILLINOIS</b>			Kansas City....	8.8	8.5	Harrisburg.....	2.2	1.5	Wheeling.....	1.1	.8
Chicago.....	49.3	38.7	St. Louis.....	23.0	19.7	Johnstown.....	5.1	2.4			
Davenport.....	2.6	2.4			Lancaster.....	1.6	1.4	<b>WISCONSIN</b>			
Peoria.....	1.5	1.4	<b>NEBRASKA</b>			Philadelphia...	46.0	45.7	Kenosha.....	.7	.6
Rockford.....	2.3	2.6	Omaha.....	2.1	1.8	Pittsburgh.....	31.1	15.2	Madison.....	1.4	.8
						Reading.....	2.7	2.4	Milwaukee.....	10.6	9.9
						Scranton.....	3.4	4.3	Racine.....	1.3	1.3
						Wilkes-Barre...	6.4	6.0			

<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, see Area Trends in Employment and Unemployment published by the Manpower Administration.

## QUARTERLY AVERAGES

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**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**1: Employment status of the noninstitutional population by sex and age, seasonally adjusted**

(In thousands)

Employment status, sex, and age	1971				1970				1969				1968	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>Total</b>														
Total labor force . . . . .	87,020	86,547	86,537	86,504	85,951	85,757	85,670	85,019	84,573	83,879	83,529	82,671	82,427	
Civilian labor force . . . . .	84,246	83,698	83,585	83,460	82,819	82,531	82,322	81,532	81,042	80,358	80,044	79,131	78,838	
Employed . . . . .	79,221	78,701	78,626	78,568	78,521	78,595	78,898	78,575	78,113	77,578	77,361	76,420	76,046	
Agriculture . . . . .	3,379	3,437	3,380	3,351	3,460	3,558	3,485	3,445	3,566	3,684	3,754	3,713	3,756	
Nonagricultural industries . . . . .	75,841	75,264	75,246	75,217	75,061	75,037	75,413	75,130	74,547	73,894	73,607	72,707	72,290	
On part time for economic reasons . . . . .	2,393	2,391	2,466	2,452	2,214	2,230	1,905	1,899	1,875	1,744	1,704	1,712	1,735	
Usually work full time . . . . .	1,121	1,173	1,282	1,326	1,182	1,253	1,065	1,036	983	913	889	897	943	
Usually work part time . . . . .	1,272	1,219	1,184	1,126	1,032	977	840	863	892	831	815	815	792	
Unemployed . . . . .	5,025	4,997	4,960	4,892	4,298	3,936	3,424	2,957	2,929	2,780	2,683	2,711	2,792	
<b>Men, 20 years and over</b>														
Total labor force . . . . .	50,474	50,283	49,960	50,159	50,014	49,966	49,782	49,595	49,516	49,293	49,236	49,023	48,994	
Civilian labor force . . . . .	48,074	47,795	47,382	47,514	47,296	47,173	46,902	46,591	46,460	46,198	46,171	45,949	45,893	
Employed . . . . .	45,931	45,709	45,358	45,476	45,503	45,606	45,622	45,537	45,441	45,279	45,279	45,019	44,910	
Agriculture . . . . .	2,452	2,454	2,407	2,458	2,541	2,594	2,508	2,523	2,635	2,675	2,713	2,740	2,780	
Nonagricultural industries . . . . .	43,479	43,255	42,951	43,018	42,962	43,012	43,114	43,014	42,806	42,604	42,566	42,279	42,130	
Unemployed . . . . .	2,143	2,086	2,024	2,038	1,793	1,567	1,280	1,054	1,019	919	892	930	983	
<b>Women, 20 years and over</b>														
Civilian labor force . . . . .	28,793	28,487	28,698	28,581	28,353	28,110	28,118	27,770	27,600	27,231	27,085	26,605	26,310	
Employed . . . . .	27,148	26,822	27,067	27,013	26,957	26,813	26,968	26,743	26,559	26,216	26,109	25,641	25,333	
Agriculture . . . . .	537	544	545	521	535	566	585	563	563	610	658	619	581	
Nonagricultural industries . . . . .	26,612	26,278	26,522	26,492	26,422	26,247	26,383	26,180	25,996	25,606	25,451	25,022	24,752	
Unemployed . . . . .	1,645	1,665	1,631	1,568	1,396	1,297	1,150	1,027	1,041	1,015	976	964	977	
<b>Both sexes, 16-19 years</b>														
Civilian labor force . . . . .	7,379	7,416	7,506	7,365	7,170	7,248	7,302	7,171	6,982	6,929	6,788	6,577	6,635	
Employed . . . . .	6,141	6,170	6,201	6,079	6,061	6,176	6,308	6,295	6,113	6,083	5,973	5,760	5,803	
Agriculture . . . . .	391	438	428	372	384	398	392	359	368	399	383	354	395	
Nonagricultural industries . . . . .	5,750	5,731	5,773	5,707	5,677	5,778	5,916	5,936	5,745	5,684	5,590	5,406	5,408	
Unemployed . . . . .	1,238	1,246	1,305	1,286	1,109	1,072	994	876	869	846	815	817	832	

**NOTE:** Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-37 will not necessarily add to totals.



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**2: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted**  
(Numbers in thousands)

Full- and part-time employment status, sex, and age	1971				1970				1969				1968	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>Full time</b>														
Total 16 years and over:														
Civilian labor force . . . . .	72,219	71,819	71,563	71,770	71,221	70,861	70,580	70,149	70,060	69,349	69,165	68,419	68,416	
Employed <sup>1</sup> . . . . .	68,241	67,872	67,647	67,836	67,846	67,749	67,956	67,928	67,850	67,230	67,107	66,405	66,286	
Unemployed . . . . .	3,978	3,947	3,915	3,934	3,375	3,112	2,624	2,221	2,210	2,119	2,058	2,014	2,130	
Unemployment rate . . . . .	5.5	5.5	5.5	5.5	4.7	4.4	3.7	3.2	3.2	3.1	3.0	2.9	3.1	
Men, 20 years and over:														
Civilian labor force . . . . .	45,742	45,475	45,080	45,246	45,042	44,939	44,667	44,450	44,341	44,087	44,127	43,903	43,954	
Employed <sup>1</sup> . . . . .	43,754	43,561	43,230	43,360	43,396	43,506	43,500	43,505	43,443	43,253	43,326	43,072	43,061	
Unemployed . . . . .	1,988	1,913	1,850	1,886	1,646	1,433	1,167	945	898	834	801	831	893	
Unemployment rate . . . . .	4.3	4.2	4.1	4.2	3.7	3.2	2.6	2.1	2.0	1.9	1.8	1.9	2.0	
Women, 20 years and over:														
Civilian labor force . . . . .	22,582	22,406	22,507	22,502	22,306	22,021	22,037	21,855	21,873	21,556	21,388	21,007	20,797	
Employed <sup>1</sup> . . . . .	21,281	21,064	21,204	21,231	21,200	20,963	21,140	21,081	21,043	20,741	20,609	20,260	20,036	
Unemployed . . . . .	1,301	1,342	1,303	1,271	1,106	1,058	897	774	830	815	779	747	761	
Unemployment rate . . . . .	5.8	6.0	5.8	5.6	5.0	4.8	4.1	3.5	3.8	3.8	3.6	3.6	3.7	
Both sexes, 16-19 years:														
Civilian labor force . . . . .	3,896	3,938	3,974	4,022	3,873	3,901	3,876	3,844	3,846	3,706	3,650	3,509	3,665	
Employed <sup>1</sup> . . . . .	3,207	3,247	3,212	3,245	3,250	3,280	3,316	3,342	3,364	3,236	3,172	3,073	3,189	
Unemployed . . . . .	689	691	762	777	623	621	560	502	482	470	478	436	476	
Unemployment rate . . . . .	17.7	17.5	19.2	19.3	16.1	15.9	14.4	13.1	12.5	12.7	13.1	12.4	13.0	
<b>Part time</b>														
Total 16 years and over:														
Civilian labor force . . . . .	12,176	11,865	12,043	11,680	11,723	11,618	11,758	11,345	10,963	10,908	10,874	10,642	10,463	
Employed <sup>1</sup> . . . . .	11,113	10,828	10,974	10,694	10,794	10,812	10,950	10,617	10,239	10,254	10,228	9,963	9,799	
Unemployed . . . . .	1,063	1,037	1,069	986	929	806	808	728	724	654	646	679	664	
Unemployment rate . . . . .	8.7	8.7	8.9	8.4	7.9	6.9	6.9	6.4	6.6	6.0	5.9	6.4	6.3	
Men, 20 years and over:														
Civilian labor force . . . . .	2,344	2,303	2,333	2,277	2,264	2,225	2,262	2,143	2,115	2,086	2,068	2,027	1,939	
Employed <sup>1</sup> . . . . .	2,189	2,143	2,155	2,117	2,116	2,101	2,145	2,036	1,995	2,004	1,974	1,931	1,848	
Unemployed . . . . .	154	161	178	160	148	124	117	107	120	82	94	96	91	
Unemployment rate . . . . .	6.6	7.0	7.6	7.0	6.5	5.6	5.2	5.0	5.7	3.9	4.5	4.7	4.7	
Women, 20 years and over:														
Civilian labor force . . . . .	6,234	6,050	6,230	6,057	6,058	6,057	6,108	5,893	5,713	5,652	5,689	5,578	5,514	
Employed <sup>1</sup> . . . . .	5,877	5,713	5,905	5,769	5,764	5,807	5,858	5,652	5,500	5,447	5,494	5,370	5,294	
Unemployed . . . . .	357	337	325	288	294	250	250	241	213	205	195	208	220	
Unemployment rate . . . . .	5.7	5.6	5.2	4.8	4.9	4.1	4.1	4.1	3.7	3.6	3.4	3.7	4.0	
Both sexes, 16-19 years:														
Civilian labor force . . . . .	3,598	3,512	3,480	3,346	3,401	3,336	3,388	3,309	3,135	3,170	3,117	3,037	3,010	
Employed <sup>1</sup> . . . . .	3,046	2,972	2,914	2,808	2,914	2,904	2,947	2,929	2,744	2,803	2,760	2,662	2,657	
Unemployed . . . . .	552	540	566	538	487	432	441	380	391	367	357	375	353	
Unemployment rate . . . . .	15.3	15.4	16.3	16.1	14.3	12.9	13.0	11.5	12.5	11.6	11.5	12.3	11.7	

<sup>1</sup>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.

## HOUSEHOLD DATA SEASONALLY ADJUSTED QUARTERLY AVERAGES

### 3: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1971			1970				1969				1968	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
<b>White</b>													
Total:													
Civilian labor force .....	74,783	74,380	74,396	74,294	73,543	73,279	73,213	72,494	71,978	71,464	71,232	70,402	70,055
Employed .....	70,693	70,298	70,304	70,262	70,015	70,097	70,420	70,105	69,629	69,270	69,083	68,270	67,828
Unemployed .....	4,090	4,082	4,092	4,032	3,528	3,182	2,793	2,389	2,349	2,194	2,149	2,132	2,227
Unemployment rate .....	5.5	5.5	5.5	5.4	4.8	4.3	3.8	3.3	3.3	3.1	3.0	3.0	3.2
Males, 20 years and over:													
Civilian labor force .....	43,260	43,046	42,671	42,752	42,517	42,473	42,234	41,968	41,865	41,634	41,651	41,436	41,368
Employed .....	41,483	41,268	40,955	41,062	41,013	41,158	41,152	41,105	41,023	40,871	40,913	40,691	40,553
Unemployed .....	1,777	1,778	1,716	1,690	1,504	1,315	1,082	863	842	763	738	745	815
Unemployment rate .....	4.1	4.1	4.0	4.0	3.5	3.1	2.6	2.1	2.0	1.8	1.8	1.8	2.0
Females, 20 years and over:													
Civilian labor force .....	24,946	24,718	24,996	24,937	24,650	24,401	24,492	24,149	23,951	23,696	23,560	23,122	22,845
Employed .....	23,630	23,403	23,680	23,637	23,504	23,370	23,563	23,312	23,128	22,906	22,787	22,365	22,073
Unemployed .....	1,316	1,315	1,316	1,300	1,146	1,031	929	837	823	790	773	757	772
Unemployment rate .....	5.3	5.3	5.3	5.2	4.6	4.2	3.8	3.5	3.4	3.3	3.3	3.3	3.4
Both sexes, 16 to 19 years:													
Civilian labor force .....	6,577	6,617	6,729	6,605	6,376	6,405	6,487	6,377	6,162	6,134	6,021	5,844	5,842
Employed .....	5,580	5,628	5,670	5,563	5,498	5,569	5,705	5,688	5,478	5,493	5,383	5,214	5,202
Unemployed .....	997	989	1,060	1,042	878	836	782	689	684	641	638	630	640
Unemployment rate .....	15.2	14.9	15.7	15.8	13.8	13.1	12.1	10.8	11.1	10.4	10.6	10.8	11.8
<b>Negro and other races</b>													
Total:													
Civilian labor force .....	9,400	9,263	9,282	9,179	9,221	9,221	9,195	9,065	8,985	8,865	8,897	8,742	8,706
Employed .....	8,452	8,342	8,404	8,330	8,439	8,464	8,560	8,498	8,402	8,284	8,348	8,161	8,140
Unemployed .....	949	921	880	849	782	757	635	567	583	581	549	581	566
Unemployment rate .....	10.1	9.9	9.5	9.2	8.5	8.2	6.9	6.3	6.5	6.6	6.2	6.6	6.5
Males, 20 years and over:													
Civilian labor force .....	4,802	4,747	4,746	4,753	4,771	4,702	4,694	4,629	4,588	4,550	4,551	4,515	4,513
Employed .....	4,435	4,423	4,426	4,432	4,481	4,437	4,489	4,450	4,412	4,387	4,392	4,337	4,346
Unemployed .....	366	324	320	321	290	265	205	179	176	163	159	178	167
Unemployment rate .....	7.6	6.8	6.7	6.8	6.1	5.6	4.4	3.9	3.8	3.6	3.5	3.9	3.7
Females, 20 years and over:													
Civilian labor force .....	3,803	3,743	3,754	3,639	3,663	3,691	3,667	3,613	3,601	3,535	3,542	3,468	3,420
Employed .....	3,466	3,395	3,442	3,369	3,405	3,428	3,448	3,423	3,379	3,315	3,340	3,261	3,212
Unemployed .....	337	348	312	270	258	263	219	190	222	220	202	207	208
Unemployment rate .....	8.9	9.3	8.3	7.4	7.0	7.1	6.0	5.3	6.2	6.2	5.7	6.0	6.1
Both sexes, 16 to 19 years:													
Civilian labor force .....	795	773	782	787	787	828	834	823	796	780	804	759	773
Employed .....	550	524	534	529	553	599	623	625	611	582	616	563	582
Unemployed .....	245	249	249	258	234	229	211	198	185	198	188	196	191
Unemployment rate .....	30.8	32.2	31.8	32.8	29.7	27.7	25.3	24.1	23.2	25.4	23.4	25.8	24.7

### 4: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1971				1970				1969				1968	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
Less than 5 weeks .....	2,276	2,197	2,197	2,387	2,189	2,122	1,900	1,677	1,681	1,649	1,523	1,539	1,616	
5 to 14 weeks .....	1,552	1,551	1,623	1,620	1,377	1,192	1,029	896	887	732	794	810	803	
15 weeks and over .....	1,285	1,149	1,085	906	736	610	479	389	387	383	348	359	404	
15 to 26 weeks .....	724	624	644	600	480	380	317	258	238	250	228	225	252	
27 weeks and over .....	561	525	441	306	256	230	162	131	149	133	120	134	152	
Average (mean) duration .....	11.7	11.7	10.5	9.2	8.9	8.8	8.2	7.8	7.9	8.1	8.0	8.2	8.3	

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
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**5: Major unemployment indicators, seasonally adjusted**

(Unemployment rates)

Selected categories	1971				1970				1969				1968	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
Total (all civilian workers) . . . . .	6.0	6.0	5.9	5.9	5.2	4.8	4.2	3.6	3.6	3.5	3.4	3.4	3.5	
Men, 20 years and over . . . . .	4.5	4.4	4.3	4.3	3.8	3.3	2.7	2.3	2.2	2.0	1.9	2.0	2.1	
Women, 20 years and over . . . . .	5.7	5.8	5.7	5.5	4.9	4.6	4.1	3.7	3.8	3.7	3.6	3.6	3.7	
Both sexes, 16-19 years . . . . .	16.8	16.8	17.4	17.5	15.5	14.8	13.6	12.2	12.4	12.2	12.0	12.4	12.5	
White . . . . .	5.5	5.5	5.5	5.4	4.8	4.3	3.8	3.3	3.3	3.1	3.0	3.0	3.2	
Negro and other races . . . . .	10.1	9.9	9.5	9.2	8.5	8.2	6.9	6.3	6.5	6.6	6.2	6.6	6.5	
Married men . . . . .	3.2	3.2	3.2	3.2	2.8	2.4	2.0	1.6	1.6	1.5	1.4	1.5	1.6	
Full-time workers . . . . .	5.5	5.5	5.5	5.5	4.7	4.4	3.7	3.2	3.2	3.1	3.0	2.9	3.1	
Part-time workers . . . . .	8.7	8.7	8.9	8.4	7.9	6.9	6.9	6.4	6.6	6.0	5.9	6.4	6.3	
Unemployed 15 weeks and over <sup>1</sup> . . . . .	1.5	1.4	1.3	1.1	0.9	0.7	0.6	0.5	0.5	0.5	0.4	0.5	0.5	
State insured <sup>2</sup> . . . . .	4.2	4.2	3.8	4.4	3.8	3.4	2.6	2.4	2.1	2.0	2.1	2.1	2.2	
Labor force time lost <sup>3</sup> . . . . .	6.4	6.3	6.4	6.3	5.6	5.1	4.5	4.1	4.1	3.8	3.7	3.8	3.9	
<b>Occupation</b>														
White-collar workers . . . . .	3.5	3.5	3.6	3.5	2.9	2.8	2.4	2.2	2.2	2.0	2.0	1.9	2.0	
Professional and technical . . . . .	2.8	2.9	3.2	2.5	2.0	1.9	1.8	1.5	1.4	1.3	1.1	1.2	1.3	
Managers, officials, and proprietors . . . . .	1.6	1.6	1.6	1.6	1.5	1.3	1.0	1.0	.9	.9	1.0	1.0	1.0	
Clerical workers . . . . .	4.8	4.9	4.8	4.9	4.1	4.0	3.3	3.1	3.2	2.8	2.9	2.8	2.9	
Sales workers . . . . .	4.4	4.7	4.2	4.7	3.9	3.9	3.2	2.8	3.0	2.9	2.9	2.9	2.6	
Blue-collar workers . . . . .	7.6	7.3	7.5	7.5	6.9	6.0	5.0	4.3	3.9	3.8	3.7	3.9	4.1	
Craftsmen and foremen . . . . .	5.5	4.1	4.8	4.5	4.7	3.8	2.7	2.3	2.2	2.1	2.2	2.2	2.4	
Operatives . . . . .	8.2	8.5	8.5	8.7	7.5	6.6	5.7	5.0	4.4	4.3	4.1	4.3	4.5	
Nonfarm laborers . . . . .	10.4	11.0	10.7	10.8	10.3	9.3	7.9	7.1	7.0	6.4	6.5	6.8	7.3	
Service workers . . . . .	6.6	6.3	6.1	6.0	5.5	5.0	4.7	4.0	4.5	4.4	4.0	4.3	4.4	
Farm workers . . . . .	2.8	2.0	2.9	3.0	3.0	2.5	2.1	2.0	2.1	1.9	1.6	1.8	2.4	
<b>Industry</b>														
Private wage and salary workers <sup>4</sup> . . . . .	6.2	6.3	6.3	6.3	5.6	5.0	4.3	3.7	3.6	3.5	3.4	3.5	3.6	
Construction . . . . .	9.9	10.4	11.0	10.9	11.7	10.3	7.8	6.4	6.5	5.6	5.8	6.2	6.2	
Manufacturing . . . . .	6.8	6.8	7.0	7.2	5.9	5.1	4.4	3.7	3.2	3.2	3.1	3.1	3.3	
Durable goods . . . . .	6.8	7.2	7.2	7.8	5.9	5.0	4.4	3.6	2.9	3.0	2.7	2.9	3.0	
Nondurable goods . . . . .	6.8	6.2	6.6	6.4	5.9	5.2	4.3	4.0	3.7	3.4	3.7	3.4	3.7	
Transportation and public utilities . . . . .	3.2	3.9	4.0	3.7	3.2	3.3	2.8	2.5	2.0	2.1	2.0	2.0	2.4	
Wholesale and retail trade . . . . .	6.3	6.7	6.3	6.2	5.5	5.3	4.6	4.1	4.3	4.1	3.9	4.0	3.9	
Finance and service industries . . . . .	5.3	5.0	5.0	4.8	4.6	4.0	3.4	3.1	3.4	3.3	3.1	3.2	3.4	
Government wage and salary workers . . . . .	3.0	2.8	2.8	2.8	2.1	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.9	
Agricultural wage and salary workers . . . . .	8.8	6.5	8.3	9.0	8.3	7.0	6.4	6.2	6.9	5.6	5.5	5.5	7.1	

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

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

<sup>3</sup>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>4</sup>Includes mining, not shown separately.

**HOUSEHOLD DATA**  
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6: Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1971			1970			1969			1968			
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
<b>Total, 16 years and over...</b>	6.0	6.0	5.9	5.9	5.2	4.8	4.2	3.6	3.6	3.5	3.4	3.4	3.5
16 to 19 years .....	16.8	16.8	17.4	17.5	15.5	14.8	13.6	12.2	12.4	12.2	12.0	12.4	12.5
16 and 17 years .....	18.9	18.5	18.9	19.4	17.3	16.5	16.3	14.9	15.4	13.8	13.7	14.4	14.2
18 and 19 years .....	15.3	15.5	16.4	16.1	14.2	13.4	11.8	10.1	10.3	10.9	11.0	10.9	11.3
20 to 24 years .....	9.8	10.5	9.7	9.8	8.7	7.8	6.7	6.0	5.8	5.5	5.4	5.8	5.7
25 years and over .....	4.1	3.9	4.1	3.9	3.5	3.2	2.7	2.3	2.3	2.2	2.1	2.2	2.3
25 to 54 years .....	4.3	4.1	4.1	4.2	3.6	3.2	2.8	2.4	2.4	2.3	2.2	2.2	2.3
55 years and over .....	3.2	3.5	3.5	3.3	2.9	2.9	2.4	2.1	2.1	1.9	1.9	2.1	2.1
<b>Males, 16 years and over.....</b>	5.4	5.3	5.3	5.3	4.7	4.2	3.5	3.0	2.9	2.7	2.7	2.7	2.8
16 to 19 years .....	16.4	16.6	16.9	16.9	15.5	14.9	12.7	11.5	11.6	11.0	11.4	11.5	11.1
16 and 17 years .....	19.1	17.9	18.5	19.2	17.3	16.5	15.0	13.9	14.9	13.1	13.2	13.9	13.2
18 and 19 years .....	14.5	15.6	15.7	15.0	14.1	13.5	10.9	9.4	9.0	9.1	9.9	9.5	9.4
20 to 24 years .....	3.5	10.3	10.0	10.7	9.3	7.6	6.5	5.7	5.3	4.8	4.8	4.9	5.0
25 years and over .....	3.7	3.5	3.5	3.4	3.0	2.7	2.2	1.8	1.8	1.6	1.6	1.7	1.8
25 to 54 years .....	3.1	3.5	3.4	3.5	3.0	2.7	2.2	1.8	1.7	1.6	1.5	1.6	1.7
55 years and over .....	3.5	3.5	3.7	3.4	3.0	2.9	2.4	2.1	2.0	1.7	1.8	1.9	2.0
<b>Females, 16 years and over.....</b>	6.9	7.0	7.0	6.8	6.0	5.7	5.2	4.7	4.8	4.7	4.5	4.6	4.8
16 to 19 years .....	17.2	17.0	17.9	18.1	15.5	14.7	14.7	13.0	13.5	13.7	12.8	13.6	14.4
16 and 17 years .....	18.6	19.2	19.3	19.6	17.3	16.4	17.9	16.3	16.2	14.9	14.6	15.2	15.8
18 and 19 years .....	16.3	15.4	17.3	17.3	14.2	13.4	12.9	10.8	11.7	12.9	12.3	12.6	13.4
20 to 24 years .....	9.1	10.7	9.4	8.8	8.1	8.0	7.0	6.4	6.4	6.3	6.0	6.8	6.5
25 years and over .....	5.0	4.8	4.9	4.8	4.3	3.9	3.5	3.2	3.3	3.2	3.1	3.0	3.2
25 to 54 years .....	5.4	5.2	5.4	5.4	4.7	4.2	3.8	3.5	3.5	3.5	3.4	3.2	3.5
55 years and over .....	3.5	3.6	3.2	3.0	2.9	3.0	2.3	2.1	2.3	2.2	2.1	2.4	2.2

7: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1971			1970			1969			1968			
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
<b>Number of unemployed</b>													
Lost last job .....	2,360	2,310	2,251	2,376	1,966	1,740	1,365	1,104	1,006	1,001	973	997	1,054
Left last job .....	552	567	630	604	568	551	475	439	450	422	428	415	425
Reentered labor force .....	1,533	1,442	1,443	1,361	1,296	1,147	1,126	1,008	1,011	927	922	899	905
Never worked before .....	600	656	637	585	486	494	481	405	430	409	405	418	390
<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
Lost last job .....	46.8	46.4	45.4	48.2	45.6	44.3	39.6	37.3	34.7	36.3	35.7	36.5	38.0
Left last job .....	10.9	11.4	12.7	12.3	13.2	14.0	13.8	14.9	15.5	15.3	15.7	15.2	15.3
Reentered labor force .....	30.4	29.0	29.1	27.6	30.0	29.2	32.7	34.1	34.9	33.6	33.8	32.9	32.6
Never worked before .....	11.9	13.2	12.8	11.9	11.3	12.6	14.0	13.7	14.8	14.8	14.8	15.3	14.1
<b>Unemployed as a percent of the civilian labor force</b>													
Lost last job .....	2.8	2.8	2.7	2.8	2.4	2.1	1.7	1.4	1.2	1.2	1.2	1.3	1.3
Left last job .....	.7	.7	.8	.7	.7	.7	.6	.5	.6	.5	.5	.5	.5
Reentered labor force .....	1.8	1.7	1.7	1.6	1.6	1.4	1.4	1.2	1.2	1.2	1.2	1.1	1.1
Never worked before .....	.7	.8	.8	.7	.6	.6	.6	.5	.5	.5	.5	.5	.5

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
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**8: Employed persons by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1971				1970				1969				1968	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>Total</b>														
16 years and over .....	79,221	78,701	78,626	78,568	78,521	78,595	78,898	78,575	78,113	77,578	77,361	76,420	76,046	
16 to 19 years .....	6,141	6,170	6,201	6,079	6,061	6,176	6,308	6,295	6,113	6,083	5,973	5,760	5,803	
16 and 17 years .....	2,546	2,557	2,673	2,538	2,561	2,612	2,714	2,670	2,544	2,571	2,522	2,389	2,407	
18 and 19 years .....	3,581	3,607	3,543	3,549	3,481	3,561	3,626	3,640	3,543	3,512	3,477	3,387	3,376	
20 to 24 years .....	10,301	9,983	9,853	9,893	9,781	9,613	9,590	9,470	9,406	9,268	9,127	8,912	8,807	
25 years and over .....	62,754	62,552	62,581	62,594	62,675	62,808	63,001	62,801	62,593	62,240	62,251	61,745	61,442	
25 to 54 years .....	48,743	48,593	48,593	48,535	48,613	48,733	48,853	48,692	48,453	48,171	48,251	47,782	47,571	
55 years and over .....	13,967	13,924	14,079	14,064	14,020	14,055	14,227	14,094	14,100	14,048	14,056	13,927	13,840	
<b>Male</b>														
16 years and over .....	49,362	49,141	48,809	48,901	48,837	48,994	49,143	49,031	48,854	48,694	48,690	48,321	48,197	
16 to 19 years .....	3,431	3,432	3,451	3,425	3,334	3,388	3,521	3,494	3,413	3,415	3,411	3,302	3,287	
16 and 17 years .....	1,484	1,492	1,538	1,488	1,480	1,504	1,560	1,563	1,514	1,522	1,524	1,452	1,452	
18 and 19 years .....	1,934	1,941	1,920	1,948	1,839	1,887	1,973	1,947	1,880	1,897	1,903	1,863	1,823	
20 to 24 years .....	5,598	5,515	5,364	5,347	5,256	5,188	5,127	5,086	5,062	5,005	4,885	4,858	4,803	
25 years and over .....	40,320	40,193	39,997	40,130	40,249	40,417	40,490	40,446	40,396	40,269	40,394	40,162	40,136	
25 to 54 years .....	31,359	31,243	31,104	31,234	31,282	31,344	31,360	31,386	31,321	31,242	31,345	31,142	31,077	
55 years and over .....	8,945	8,930	8,921	8,913	8,955	9,059	9,159	9,078	9,052	9,011	9,074	9,014	9,035	
<b>Female</b>														
16 years and over .....	29,859	29,560	29,817	29,667	29,684	29,601	29,755	29,544	29,259	28,884	28,671	28,099	27,849	
16 to 19 years .....	2,710	2,738	2,750	2,654	2,727	2,788	2,787	2,801	2,700	2,668	2,562	2,458	2,516	
16 and 17 years .....	1,062	1,065	1,135	1,050	1,081	1,108	1,154	1,107	1,030	1,049	998	937	955	
18 and 19 years .....	1,647	1,666	1,623	1,601	1,642	1,674	1,653	1,693	1,663	1,615	1,574	1,524	1,553	
20 to 24 years .....	4,703	4,468	4,489	4,546	4,525	4,425	4,463	4,384	4,344	4,263	4,242	4,054	4,004	
25 years and over .....	22,434	22,359	22,584	22,464	22,426	22,391	22,511	22,355	22,197	21,971	21,857	21,583	21,306	
25 to 54 years .....	17,384	17,350	17,489	17,301	17,301	17,389	17,493	17,306	17,132	16,929	16,906	16,640	16,494	
55 years and over .....	5,022	4,994	5,158	5,131	5,065	4,996	5,068	5,016	5,048	5,037	4,982	4,913	4,805	

**9: Employed persons by major occupation group, seasonally adjusted**

(In thousands)

Occupation group	1971				1970				1969				1968	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>White-collar workers</b> .....	38,475	37,976	37,905	38,126	37,993	37,979	37,905	37,494	36,971	36,672	36,236	35,902	35,763	
Professional and technical .....	11,170	11,080	10,840	11,153	11,253	11,139	11,026	10,929	10,761	10,746	10,641	10,465	10,389	
Managers, officials, and proprietors .....	8,808	8,625	8,655	8,378	8,267	8,281	8,229	8,119	7,989	7,990	7,846	7,884	7,840	
Clerical workers .....	13,468	13,250	13,329	13,661	13,604	13,743	13,855	13,669	13,514	13,273	13,132	12,893	12,845	
Sales workers .....	5,028	5,021	5,081	4,934	4,869	4,816	4,795	4,777	4,707	4,663	4,617	4,660	4,689	
<b>Blue-collar workers</b> .....	27,088	27,005	27,072	27,625	27,642	27,733	28,186	28,370	28,420	27,979	28,176	27,747	27,494	
Craftsmen and foremen .....	10,101	10,109	10,107	10,172	10,111	10,125	10,228	10,245	10,190	10,050	10,287	10,130	9,185	
Operatives .....	12,947	12,937	12,890	13,742	13,793	13,938	14,168	14,407	14,510	14,241	14,264	14,041	13,902	
Nonfarm laborers .....	4,040	3,959	4,075	3,711	3,738	3,670	3,790	3,718	3,660	3,688	3,625	3,576	3,607	
<b>Service workers</b> .....	10,684	10,604	10,684	9,787	9,791	9,619	9,652	9,582	9,489	9,488	9,544	9,413	9,385	
<b>Farmers and farm laborers</b> .....	2,995	3,045	2,987	3,022	3,118	3,209	3,138	3,114	3,235	3,397	3,429	3,370	3,403	

**HOUSEHOLD DATA**  
**QUARTERLY AVERAGES**
**Table 1. Labor force status of civilian noninstitutional population by age, sex, and reasons for nonparticipation**  
 3rd Quarter 1971

Labor force status and reasons for nonparticipation	Total	Age in years							
		16-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over
<b>Total</b>									
Civilian noninstitutional population (in thousands) . .	140,118	15,035	16,418	25,245	22,212	23,267	10,049	8,504	19,388
Percent distribution . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . . . .	60.9	57.3	71.5	69.3	72.5	72.8	66.9	52.9	16.3
Not in labor force . . . . .	39.1	42.7	28.5	30.7	27.5	27.2	33.1	47.1	83.7
In school . . . . .	2.9	18.6	5.8	1.0	.3	.2	(1)	--	(1)
Ill health, disability . . . . .	3.3	.5	1.0	1.3	2.2	3.6	5.4	7.5	8.0
Home responsibilities . . . . .	24.1	6.2	16.9	26.0	22.7	20.9	23.2	30.3	44.9
Retirement, old age . . . . .	4.4	--	--	--	--	.1	.5	6.9	28.7
Think cannot get job . . . . .	.6	1.6	.7	.5	.5	.5	.4	.4	.5
All other reasons . . . . .	3.7	15.9	4.1	2.0	1.8	1.9	3.5	2.1	1.6
<b>Male</b>									
Civilian noninstitutional population (in thousands) . . . . .	65,914	7,433	7,566	12,178	10,682	11,146	4,765	3,944	8,201
Percent distribution . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . . . .	80.6	65.2	86.3	96.4	96.5	93.8	88.8	73.8	25.9
Not in labor force . . . . .	19.4	34.8	13.7	3.6	3.5	6.2	11.2	26.3	74.1
In school . . . . .	3.2	18.1	7.9	1.2	.2	.2	(1)	--	--
Ill health, disability . . . . .	3.7	.8	1.1	1.0	2.1	4.1	6.3	10.2	9.3
Home responsibilities . . . . .	.3	.2	(1)	.1	.1	.1	.1	.7	1.5
Retirement, old age . . . . .	8.3	--	--	--	--	.2	1.0	12.8	59.9
Think cannot get job . . . . .	.4	1.4	.3	.1	.2	.2	.2	.3	.6
All other reasons . . . . .	3.4	14.3	4.3	1.2	.8	1.4	3.5	2.2	2.8
<b>Female</b>									
Civilian noninstitutional population (in thousands) . . . . .	74,203	7,602	8,852	13,066	11,531	12,121	5,284	4,559	11,187
Percent distribution . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . . . .	43.3	49.5	58.8	44.0	50.2	53.6	47.2	34.8	9.2
Not in labor force . . . . .	56.7	50.5	41.2	56.0	49.8	46.4	52.8	65.2	90.8
In school . . . . .	2.7	19.0	3.9	.7	.3	.3	--	--	.1
Ill health, disability . . . . .	3.0	.3	1.0	1.5	2.3	3.1	4.5	5.2	7.0
Home responsibilities . . . . .	45.2	12.1	31.3	50.1	43.6	40.0	44.1	56.0	76.6
Retirement, old age . . . . .	1.0	--	--	--	--	--	.1	1.7	5.9
Think cannot get job . . . . .	.8	1.7	1.1	.8	.8	.7	.6	.4	.4
All other reasons . . . . .	4.0	17.4	3.8	2.8	2.8	2.4	3.4	1.9	.8

1/ Percent less than 0.05.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

**Table 2. Reasons for nonparticipation in labor force by age and sex**

Nonparticipants by reason for status	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970
<b>Thousands of persons</b>										
Total . . . . .	54,843	53,511	6,426	6,230	4,680	4,394	23,503	23,168	20,234	19,720
In school . . . . .	4,099	3,407	2,793	2,423	945	697	354	277	7	10
Ill health, disability . . . . .	4,618	4,596	78	110	172	169	2,184	2,158	2,183	2,158
Home responsibilities . . . . .	33,781	33,720	937	950	2,774	2,794	18,794	18,824	11,276	11,153
Retirement, old age . . . . .	6,227	5,946	--	--	--	--	74	77	6,151	5,869
Think cannot get job . . . . .	863	727	235	269	121	75	386	269	122	114
All other reasons . . . . .	5,254	5,114	2,384	2,476	666	660	1,711	1,563	495	416
<b>Male . . . . .</b>	<b>12,766</b>	<b>12,230</b>	<b>2,589</b>	<b>2,531</b>	<b>1,034</b>	<b>853</b>	<b>2,033</b>	<b>1,919</b>	<b>7,110</b>	<b>6,927</b>
In school . . . . .	2,131	1,700	1,349	1,151	596	400	187	147	--	2
Ill health, disability . . . . .	2,408	2,413	57	56	81	76	1,108	1,064	1,163	1,216
Home responsibilities . . . . .	214	246	16	11	3	3	43	57	153	175
Retirement, old age . . . . .	5,489	5,246	--	--	--	--	68	75	5,418	5,172
Think cannot get job . . . . .	261	292	104	157	26	25	70	51	59	59
All other reasons . . . . .	2,263	2,333	1,063	1,156	327	349	558	527	316	303
<b>Female . . . . .</b>	<b>42,077</b>	<b>41,281</b>	<b>3,838</b>	<b>3,699</b>	<b>3,645</b>	<b>3,541</b>	<b>21,471</b>	<b>21,247</b>	<b>13,124</b>	<b>12,793</b>
In school . . . . .	1,968	1,708	1,444	1,272	349	297	167	130	7	8
Ill health, disability . . . . .	2,210	2,183	21	54	91	93	1,077	1,093	1,021	942
Home responsibilities . . . . .	33,567	33,474	921	940	2,772	2,790	18,752	18,768	11,122	10,977
Retirement, old age . . . . .	738	699	--	--	--	--	6	2	732	698
Think cannot get job . . . . .	602	434	130	113	95	49	316	218	62	54
All other reasons . . . . .	2,992	2,783	1,321	1,321	339	311	1,151	1,037	180	113
<b>Percent distribution</b>										
Total . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	7.5	6.4	43.5	38.9	20.2	15.9	1.5	1.2	(1)	.1
Ill health, disability . . . . .	8.4	8.6	1.2	1.8	3.7	3.8	9.3	9.3	10.8	10.9
Home responsibilities . . . . .	61.6	63.0	14.6	15.3	59.3	63.6	80.0	81.2	55.7	56.6
Retirement, old age . . . . .	11.4	11.1	--	--	--	--	.3	.3	30.4	29.8
Think cannot get job . . . . .	1.6	1.4	3.7	4.3	2.6	1.7	1.6	1.2	.6	.6
All other reasons . . . . .	9.6	9.6	37.1	39.8	14.2	15.0	7.3	6.7	2.4	2.1
<b>Male . . . . .</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
In school . . . . .	16.7	13.9	52.1	45.5	57.7	46.9	9.2	7.7	--	(1)
Ill health, disability . . . . .	18.9	19.7	2.2	2.2	7.8	8.9	54.5	55.4	16.4	17.6
Home responsibilities . . . . .	1.7	2.0	.6	.4	.3	.4	2.1	3.0	2.2	2.5
Retirement, old age . . . . .	43.0	42.9	--	--	--	--	3.3	3.9	76.2	74.7
Think cannot get job . . . . .	2.0	2.4	4.0	6.2	2.5	2.9	3.4	2.7	.8	.9
All other reasons . . . . .	17.7	19.1	41.1	45.7	31.7	40.9	27.4	27.4	4.4	4.4
<b>Female . . . . .</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
In school . . . . .	4.7	4.1	37.6	34.4	9.6	8.4	.8	.6	.1	.1
Ill health, disability . . . . .	5.3	5.3	.5	1.5	2.5	2.6	5.0	5.1	7.8	7.4
Home responsibilities . . . . .	79.8	81.1	24.0	25.4	76.0	78.8	87.3	88.3	84.7	85.8
Retirement, old age . . . . .	1.8	1.7	--	--	--	--	(1)	(1)	5.6	5.5
Think cannot get job . . . . .	1.4	1.1	3.4	3.1	2.6	1.4	1.5	1.0	.5	.4
All other reasons . . . . .	7.1	6.7	34.4	35.7	9.3	8.8	5.4	4.9	1.4	.9

<sup>1</sup> Percent less than 0.05

Table 3. Reasons for nonparticipation in labor force by age, color, and sex

Nonparticipants by reason for status	Total		Age in years					
			16-24		25-59		60 and over	
	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970
<b>White</b>								
Male (in thousands) . . . . .	11,133	10,764	3,016	2,836	1,654	1,575	6,464	6,353
In school . . . . .	1,772	1,439	1,613	1,312	158	124	--	2
Ill health, disability . . . . .	1,930	1,994	102	97	878	869	950	1,028
Home responsibilities . . . . .	189	210	13	8	38	45	139	158
Retirement, old age . . . . .	5,096	4,912	--	--	59	67	5,034	4,846
Think cannot get job . . . . .	207	221	104	132	52	40	51	48
All other reasons . . . . .	1,939	1,987	1,185	1,284	467	431	289	272
Female (in thousands) . . . . .	37,931	37,220	6,337	6,168	19,482	19,254	12,111	11,797
In school . . . . .	1,611	1,417	1,478	1,298	128	110	7	8
Ill health, disability . . . . .	1,787	1,739	74	111	869	837	844	789
Home responsibilities . . . . .	30,852	30,646	3,228	3,211	17,234	17,213	10,391	10,222
Retirement, old age . . . . .	653	623	--	--	6	2	646	621
Think cannot get job . . . . .	463	329	162	124	244	161	56	42
All other reasons . . . . .	2,565	2,466	1,396	1,422	1,003	931	167	113
Male (percent distribution) . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	15.9	13.4	53.5	46.3	9.6	7.9	--	--
Ill health, disability . . . . .	17.3	18.5	3.4	3.4	53.1	55.1	14.7	16.2
Home responsibilities . . . . .	1.7	2.0	.4	.3	2.3	2.9	2.2	2.5
Retirement, old age . . . . .	45.8	45.6	--	--	3.6	4.3	77.9	76.3
Think cannot get job . . . . .	1.9	2.1	3.4	4.7	3.1	2.5	.8	.8
All other reasons . . . . .	17.4	18.5	39.3	45.3	28.3	27.3	4.5	4.3
Female (percent distribution) . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	4.2	3.8	23.3	21.1	.7	.6	.1	.1
Ill health, disability . . . . .	4.7	4.7	1.2	1.8	4.5	4.3	7.0	6.7
Home responsibilities . . . . .	81.3	82.3	50.9	52.1	88.5	89.4	85.8	86.7
Retirement, old age . . . . .	1.7	1.7	--	--	(1)	--	5.3	5.3
Think cannot get job . . . . .	1.2	.9	2.6	2.0	1.3	.8	.5	.4
All other reasons . . . . .	6.8	6.6	22.0	23.1	5.1	4.8	1.4	1.0
<b>Negro and other races</b>								
Male (in thousands) . . . . .	1,633	1,466	607	548	382	344	646	573
In school . . . . .	360	260	332	237	28	23	--	--
Ill health, disability . . . . .	478	419	36	36	230	195	212	188
Home responsibilities . . . . .	25	36	6	6	5	12	14	19
Retirement, old age . . . . .	393	334	--	--	8	8	384	327
Think cannot get job . . . . .	54	71	27	49	18	10	8	11
All other reasons . . . . .	324	345	207	221	91	95	27	30
Female (in thousands) . . . . .	4,146	4,061	1,144	1,072	1,988	1,993	1,013	996
In school . . . . .	356	291	315	273	41	19	--	--
Ill health, disability . . . . .	424	444	38	36	208	255	178	153
Home responsibilities . . . . .	2,715	2,828	464	518	1,519	1,555	732	755
Retirement, old age . . . . .	85	76	--	--	--	--	85	76
Think cannot get job . . . . .	139	106	63	36	72	57	6	12
All other reasons . . . . .	427	317	265	212	149	106	13	--
Male (percent distribution) . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	22.0	17.7	54.6	43.2	7.4	6.7	--	--
Ill health, disability . . . . .	29.3	28.6	5.9	6.6	60.5	56.9	32.9	32.7
Home responsibilities . . . . .	1.5	2.5	1.0	1.1	1.3	3.5	2.2	3.3
Retirement, old age . . . . .	24.1	22.8	--	--	2.1	2.3	59.5	56.9
Think cannot get job . . . . .	3.3	4.8	4.4	8.9	4.7	2.9	1.2	1.9
All other reasons . . . . .	19.8	23.5	34.0	40.3	23.9	27.7	4.2	5.2
Female (percent distribution) . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	8.6	7.2	27.5	25.4	2.1	1.0	--	--
Ill health, disability . . . . .	10.2	10.9	3.3	3.3	10.5	12.8	17.6	15.4
Home responsibilities . . . . .	65.5	69.6	40.5	48.2	76.4	78.1	72.2	75.8
Retirement, old age . . . . .	2.1	1.9	--	--	--	--	8.4	7.6
Think cannot get job . . . . .	3.4	2.6	5.5	3.3	3.6	2.9	.6	1.2
All other reasons . . . . .	10.3	7.8	23.1	19.7	7.5	5.3	1.3	--

<sup>1</sup>Percent less than 0.05.



**HOUSEHOLD DATA**  
**QUARTERLY AVERAGES**

**Table 4. Job desire of persons not in labor force and reasons for not seeking work by age and sex**

Reasons for not seeking work	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970
<b>Thousands of persons</b>										
Total not in labor force . . .	54,843	53,511	6,426	6,230	4,680	4,394	23,503	23,168	20,234	19,720
Do not want job now . . .	50,555	49,618	5,386	5,303	3,976	3,807	21,367	21,164	19,823	19,347
Want job now - total . . . . .	4,288	3,893	1,040	927	704	587	2,136	2,004	411	373
In school . . . . .	689	592	462	373	146	143	82	72	--	3
Ill health, disability . . . . .	522	560	23	14	45	52	342	358	112	136
Home responsibilities . . . . .	1,148	1,080	100	63	211	168	799	826	38	22
Think cannot get job . . . . .	863	727	235	269	121	75	386	269	122	114
All other reasons . . . . .	1,066	934	220	208	181	149	527	479	139	98
Male . . . . .	1,099	1,079	396	453	176	160	335	289	191	178
In school . . . . .	325	291	210	194	87	59	29	38	--	--
Ill health, disability . . . . .	267	232	15	3	18	18	164	136	69	74
Think cannot get job . . . . .	261	292	104	157	26	25	70	51	59	59
All other reasons <sup>1</sup> . . . . .	246	264	67	99	45	58	72	64	63	45
Female . . . . .	3,189	2,814	643	477	529	425	1,798	1,716	220	195
In school . . . . .	364	301	252	179	60	84	52	35	--	3
Ill health, disability . . . . .	255	328	8	11	27	33	177	222	43	62
Home responsibilities . . . . .	1,134	1,059	98	58	211	166	793	819	33	16
Think cannot get job . . . . .	602	434	130	113	95	49	316	218	62	54
All other reasons . . . . .	834	692	155	116	136	93	460	422	82	60
<b>Percent distribution</b>										
Want job now - total . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	16.1	15.2	44.4	40.2	20.7	24.4	3.8	3.6	--	.8
Ill health, disability . . . . .	12.2	14.4	2.2	1.5	6.4	8.9	16.0	17.9	27.3	36.5
Home responsibilities . . . . .	26.8	27.7	9.6	6.8	30.0	28.6	37.4	41.2	9.2	5.9
Think cannot get job . . . . .	20.1	18.7	22.6	29.0	17.2	12.8	18.1	13.4	29.7	30.6
All other reasons . . . . .	24.9	24.0	21.2	22.4	25.7	25.4	24.7	23.9	33.8	26.3
Male . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	29.6	27.0	53.0	42.8	49.4	36.9	8.7	13.1	--	--
Ill health, disability . . . . .	24.3	21.5	3.8	.7	10.2	11.3	49.0	47.1	36.1	41.6
Think cannot get job . . . . .	23.7	27.1	26.3	34.7	14.8	15.6	20.9	17.6	30.9	33.1
All other reasons <sup>1</sup> . . . . .	22.4	24.5	16.9	21.9	25.6	36.3	21.5	22.1	33.0	25.3
Female . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	11.4	10.7	39.2	37.5	11.3	19.8	2.9	2.0	--	1.5
Ill health, disability . . . . .	8.0	11.7	1.2	2.3	5.1	7.8	9.8	12.9	19.5	31.8
Home responsibilities . . . . .	35.6	37.6	15.2	12.2	39.9	39.1	44.1	47.7	15.0	8.2
Think cannot get job . . . . .	18.9	15.4	20.2	23.7	18.0	11.5	17.6	12.7	28.2	27.7
All other reasons . . . . .	26.2	24.6	24.1	24.3	25.7	21.9	25.6	24.6	37.3	30.8

<sup>1</sup>Includes small number of men not seeking work because of home responsibilities.

Table 5. Job desire of persons not in labor force and reasons for not seeking work by color and sex

Reasons for not seeking work	White				Negro and other races			
	Male		Female		Male		Female	
	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970
<b>Thousands of persons</b>								
Total not in labor force . . . . .	11,133	10,764	37,931	37,220	1,633	1,466	4,146	4,061
Do not want job now . . . . .	10,248	9,900	35,399	34,923	1,421	1,251	3,488	3,542
Want job now . . . . .	885	864	2,532	2,297	212	215	658	519
In school . . . . .	239	248	261	227	85	43	104	74
Ill health, disability . . . . .	219	182	199	246	48	50	56	82
Home responsibilities <sup>1</sup> . . . . .	--	--	905	879	--	--	229	181
Think cannot get job . . . . .	207	221	463	329	54	71	139	106
All other reasons . . . . .	220	213	704	616	25	51	130	76
<b>Percent distribution</b>								
Want job now . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	27.0	28.7	10.3	9.9	40.1	20.0	15.8	14.3
Ill health, disability . . . . .	24.7	21.1	7.9	10.7	22.6	23.3	8.5	15.8
Home responsibilities <sup>1</sup> . . . . .	--	--	35.7	38.3	--	--	34.8	34.9
Think cannot get job . . . . .	23.4	25.6	18.3	14.3	25.5	33.0	21.1	20.4
All other reasons . . . . .	24.9	24.7	27.8	26.8	11.8	23.7	19.8	14.6

<sup>1</sup>Small number of men not seeking work because of "home responsibilities" are included in "all other reasons."Table 6. Persons not in labor force who desire to work but think they cannot get jobs by  
age, color, sex, and detailed reason  
3rd Quarter 1971

(In thousands)

Detailed reason for not seeking work	Total	Age in years				Color	
		16-19	20-24	25-59	60 and over	White	Negro and other races
Total . . . . .	863	235	121	386	122	670	193
Employers think too young or old . . . . .	124	50	--	9	66	101	24
Lacks education or training . . . . .	73	29	6	38	--	58	14
Other personal handicap . . . . .	41	4	8	22	7	34	6
Could not find job . . . . .	368	116	75	156	22	262	106
Thinks no job available . . . . .	257	36	33	160	26	215	43
Male . . . . .	261	104	26	70	59	207	54
Employers think too young or old . . . . .	50	22	--	--	28	40	10
Lacks education or training . . . . .	15	9	4	2	--	13	1
Other personal handicap . . . . .	14	2	4	4	3	12	1
Could not find job . . . . .	120	54	13	40	14	87	33
Thinks no job available . . . . .	63	18	6	23	15	55	8
Female . . . . .	602	130	95	316	62	463	139
Employers think too young or old . . . . .	75	28	--	9	38	61	14
Lacks education or training . . . . .	58	21	2	35	--	45	13
Other personal handicap . . . . .	27	2	4	18	4	22	5
Could not find job . . . . .	248	61	62	116	10	175	73
Thinks no job available . . . . .	194	18	27	138	11	160	35

**HOUSEHOLD DATA  
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**Table 7. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during previous 12 months by age and sex**

Most recent work experience and reason leaving job	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970
<b>Total</b>										
Not in labor force (in thousands) . . . . .	54,843	53,511	6,426	6,230	4,680	4,394	23,503	23,168	20,234	19,720
Never worked . . . . .	9,744	9,553	3,652	3,548	858	852	2,441	2,403	2,793	2,751
Last worked over 5 years ago . . . . .	25,406	25,464	29	11	278	274	12,071	12,146	13,030	13,032
Last worked 1 to 5 years ago . . . . .	10,224	8,980	487	402	1,620	1,432	5,122	4,609	2,996	2,538
Left job previous 12 months . . . . .	9,468	9,514	2,258	2,269	1,924	1,837	3,870	4,009	1,416	1,399
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	46.0	46.7	62.8	61.7	65.1	69.2	40.7	41.4	8.0	7.9
Ill health, disability . . . . .	9.3	10.9	1.7	3.1	2.8	3.4	13.7	15.2	18.5	20.9
Retirement, old age . . . . .	7.6	7.4	--	--	--	--	1.7	1.8	46.1	45.3
Economic reasons . . . . .	20.6	19.1	20.9	19.6	14.6	13.7	25.2	22.6	15.8	15.7
End of seasonal job . . . . .	7.8	8.6	10.7	9.9	5.4	5.0	8.7	10.1	4.2	6.6
Slack work . . . . .	5.7	4.1	3.5	3.7	4.2	3.8	8.3	4.8	4.0	3.1
End of temporary job . . . . .	7.1	6.4	6.6	5.9	5.1	4.9	8.2	7.6	7.6	6.0
All other reasons . . . . .	16.5	15.9	14.7	15.7	17.5	13.7	18.8	19.0	11.5	10.3
<b>Male</b>										
Not in labor force (in thousands) . . . . .	12,766	12,230	2,589	2,531	1,034	853	2,033	1,919	7,110	6,927
Never worked . . . . .	1,687	1,596	1,318	1,260	216	181	138	136	14	19
Last worked over 5 years ago . . . . .	5,395	5,337	8	4	30	21	696	618	4,661	4,692
Last worked 1 to 5 years ago . . . . .	2,550	2,322	147	150	169	138	608	590	1,628	1,444
Left job previous 12 months . . . . .	3,134	2,975	1,116	1,118	619	512	592	575	806	771
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	37.2	37.5	60.4	62.9	59.4	55.9	18.9	18.2	1.7	2.6
Ill health, disability . . . . .	12.8	16.6	2.9	3.3	2.9	5.9	34.0	42.9	18.8	23.5
Retirement, old age . . . . .	16.3	15.1	--	--	--	--	5.9	6.3	59.0	53.6
Economic reasons . . . . .	17.3	14.6	21.3	18.2	15.2	14.6	17.0	9.9	13.5	13.1
End of seasonal job . . . . .	7.6	6.4	12.3	9.7	6.5	4.5	5.7	3.3	3.2	5.3
Slack work . . . . .	4.8	3.9	2.8	3.6	5.3	5.1	9.3	4.5	3.7	3.1
End of temporary job . . . . .	4.9	4.3	6.3	4.9	3.4	5.1	2.0	2.1	6.6	4.7
All other reasons . . . . .	16.3	16.2	15.3	15.6	22.5	23.6	24.2	22.7	7.0	7.3
<b>Female</b>										
Not in labor force (in thousands) . . . . .	42,077	41,281	3,838	3,699	3,645	3,541	21,471	21,247	13,124	12,793
Never worked . . . . .	8,058	7,956	2,334	2,287	642	670	2,303	2,267	2,779	2,731
Last worked over 5 years ago . . . . .	20,011	20,127	21	8	247	253	11,375	11,528	8,368	8,339
Last worked 1 to 5 years ago . . . . .	7,674	6,658	340	251	1,450	1,293	4,516	4,019	1,368	1,095
Left job previous 12 months . . . . .	6,334	6,539	1,142	1,152	1,305	1,325	3,279	3,435	610	628
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	50.4	50.9	65.1	60.5	67.9	74.4	44.6	45.3	16.3	14.5
Ill health, disability . . . . .	7.6	8.2	.5	2.8	2.8	2.4	10.0	10.5	18.1	17.4
Retirement, old age . . . . .	3.3	3.9	--	--	--	--	.9	1.1	29.1	35.2
Economic reasons . . . . .	22.3	21.2	20.3	20.9	14.3	13.3	26.8	24.7	18.9	19.1
End of seasonal job . . . . .	8.0	9.5	9.1	10.1	4.8	5.2	9.3	11.3	5.6	8.3
Slack work . . . . .	6.1	4.2	4.3	3.8	3.6	3.2	8.1	4.9	4.3	3.2
End of temporary job . . . . .	8.2	7.4	6.9	7.0	5.9	4.8	9.4	8.5	9.0	7.6
All other reasons . . . . .	16.5	15.8	14.0	15.8	15.0	9.9	17.8	18.3	17.6	13.9

**Table 8. Most recent work experience of persons not in labor force and reasons for leaving last job for those who worked during previous 12 months by color and sex**

Most recent work experience and reason leaving job	White				Negro and other races			
	Male		Female		Male		Female	
	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970
Total not in labor force (in thousands)	11,133	10,764	37,931	37,220	1,633	1,466	4,146	4,061
Never worked	1,371	1,286	7,069	7,136	316	310	989	820
Last worked over 5 years ago	4,841	4,794	18,463	18,424	553	542	1,549	1,703
Last worked 1 to 5 years ago	2,254	2,092	6,830	5,922	297	230	844	736
Left job previous 12 months	2,666	2,591	5,569	5,737	467	384	765	802
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	37.7	38.2	51.3	50.8	34.5	32.6	44.0	51.5
Ill health, disability	11.4	15.8	6.7	7.6	21.2	22.1	14.3	12.3
Retirement, old age	17.5	16.4	3.6	4.3	9.0	6.5	.8	1.2
Economic reasons	16.5	13.6	22.4	21.3	22.1	21.6	21.2	20.2
End of seasonal job	7.2	5.8	8.0	9.2	10.1	10.4	7.5	12.1
Slack work	4.5	3.7	6.1	4.3	6.6	5.2	6.4	3.4
End of temporary job	4.9	4.1	8.3	7.8	5.4	6.0	7.3	4.7
All other reasons	16.8	16.0	16.1	15.9	13.3	17.2	19.8	14.7

**Table 9. Industry and occupation of last job for persons not in labor force who worked during previous 12 months by reasons leaving job**  
3rd Quarter 1971

Industry and class of worker and major occupation	Total (thousands of persons)	Reason left job (percent distribution)					
		Total	School, home responsibilities	Ill health, disability	Retirement, old age	Economic reasons	All other
Total who left jobs in previous 12 months	9,468	100.0	46.0	9.3	7.6	20.6	16.5
<b>Industry</b>							
Agriculture <sup>1</sup>	474	100.0	15.9	9.5	4.7	30.2	39.7
Unpaid family workers	162	100.0	5.5	--	1.2	1.2	92.0
Wage and salary workers	273	100.0	24.5	12.5	1.5	49.5	12.1
Nonagricultural industries	8,955	100.0	48.0	8.9	7.8	20.2	15.1
Self-employed workers	341	100.0	34.0	14.4	15.2	25.5	10.9
Unpaid family workers	168	100.0	26.8	--	3.6	3.6	66.1
Wage and salary workers	8,446	100.0	49.0	8.8	7.6	20.3	14.3
Private household workers	385	100.0	38.2	17.7	1.8	25.7	16.6
Government workers	1,592	100.0	43.0	5.4	11.3	28.8	11.5
All other <sup>2</sup>	6,469	100.0	51.2	9.2	7.0	17.9	14.8
Construction	303	100.0	38.8	13.2	9.5	22.4	16.1
Manufacturing	1,507	100.0	45.7	11.9	11.6	18.6	12.1
Transportation and public utilities	247	100.0	41.4	10.8	22.1	14.9	10.8
Trade	2,351	100.0	56.7	8.7	3.6	15.5	15.5
Finance and services	2,023	100.0	52.2	6.6	4.8	19.9	16.4
<b>Occupation</b>							
White-collar workers	4,369	100.0	50.1	5.5	8.3	20.7	15.4
Professional and technical	1,037	100.0	45.4	2.7	10.4	27.9	13.6
Managers, officials, and proprietors	390	100.0	26.2	11.6	29.8	8.7	23.7
Clerical and sales	2,942	100.0	55.0	5.7	4.7	19.7	15.0
Blue-collar workers	2,446	100.0	41.7	13.5	10.4	19.9	14.5
Craftsmen and foremen	399	100.0	23.4	14.8	28.6	21.1	12.1
Operatives	1,339	100.0	42.1	14.6	7.7	20.8	14.8
Nonfarm laborers	708	100.0	51.3	10.6	5.4	17.4	15.4
Service workers	2,194	100.0	50.5	10.5	3.8	19.6	15.6
Farm workers	421	100.0	14.3	10.0	4.3	30.6	40.9

<sup>1</sup>Includes small number of self-employed workers, not shown separately.<sup>2</sup>Includes forestries, fisheries, and mining, not shown separately.

**HOUSEHOLD DATA**  
**QUARTERLY AVERAGES**

**Table 10. Work-seeking intentions of persons not in labor force and major characteristics of those who intend to seek work within next 12 months by sex and color**

Work-seeking intentions, most recent work experience, and major occupation	Total		Male		Female	
	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970
<b>Total</b>						
Total not in labor force (in thousands) . . . . .	54,843	53,511	12,766	12,230	42,077	41,281
Do not intend to seek work . . . . .	47,074	46,227	10,372	9,941	36,702	36,286
Intend to seek work in next 12 months . . . . .	7,769	7,284	2,394	2,289	5,375	4,995
Never worked . . . . .	1,384	1,175	493	420	890	755
Last worked over 5 years ago . . . . .	831	916	63	101	769	815
Last worked 1 to 5 years ago . . . . .	1,655	1,472	366	335	1,289	1,137
Worked during previous 12 months . . . . .	3,899	3,722	1,472	1,433	2,427	2,288
Percent distribution by occupation . . . . .	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	42.8	41.2	25.7	20.5	53.5	54.4
Professional and technical . . . . .	10.6	11.2	8.0	6.4	12.2	14.4
Managerial . . . . .	2.6	1.9	4.3	2.9	1.5	1.2
Clerical and sales . . . . .	29.6	28.0	13.4	11.2	39.8	38.8
Blue-collar workers . . . . .	27.7	30.9	49.0	55.0	14.3	15.5
Craftsman and foremen . . . . .	3.7	5.1	8.4	11.5	.8	.9
Operatives . . . . .	13.7	16.7	15.5	21.2	12.6	13.9
Nonfarm laborers . . . . .	10.3	9.1	25.1	22.3	1.0	.6
Service workers . . . . .	26.0	23.0	19.6	15.8	30.1	27.6
Farm workers . . . . .	3.5	5.0	5.7	8.7	2.1	2.5
<b>White</b>						
Total not in labor force (in thousands) . . . . .	49,064	47,984	11,133	10,764	37,931	37,220
Do not intend to seek work . . . . .	42,642	41,891	9,110	8,803	33,532	33,088
Intend to seek work in next 12 months . . . . .	6,422	6,093	2,023	1,961	4,399	4,132
Never worked . . . . .	1,070	929	394	336	676	593
Last worked over 5 years ago . . . . .	745	783	54	82	691	701
Last worked 1 to 5 years ago . . . . .	1,350	1,203	308	295	1,042	908
Worked during previous 12 months <sup>1</sup> . . . . .	3,257	3,178	1,267	1,248	1,990	1,930
<b>Negro and other races</b>						
Total not in labor force (in thousands) . . . . .	5,779	5,527	1,633	1,466	4,146	4,061
Do not intend to seek work . . . . .	4,432	4,336	1,262	1,138	3,170	3,198
Intend to seek work in next 12 months . . . . .	1,347	1,191	371	328	976	863
Never worked . . . . .	314	246	99	84	215	162
Last worked over 5 years ago . . . . .	87	132	9	19	78	113
Last worked 1 to 5 years ago . . . . .	305	269	58	40	247	229
Worked during previous 12 months <sup>1</sup> . . . . .	642	544	205	186	437	358

<sup>1</sup>Occupational data not available by color.

HOUSEHOLD DATA  
QUARTERLY AVERAGES

Table 1: Employment status of male Vietnam Era war veterans and nonveterans 20 to 29 years old by age and race

Item	(Numbers in thousands)										
	1971			1970				1969			
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
<b>TOTAL, 20 TO 29 YEARS OLD</b>											
<u>War veterans 1/</u>											
Civilian noninstitutional population.....	4,145	3,981	3,809	3,696	3,522	3,354	3,174	2,990	2,778	2,597	2,456
Civilian labor force.....	3,844	3,623	3,459	3,383	3,303	3,127	2,936	2,752	2,612	2,428	2,258
Percent of population.....	92.7	91.0	90.8	91.5	93.8	93.2	92.5	92.0	94.0	93.5	92.0
Employed.....	3,525	3,314	3,087	3,114	3,090	2,931	2,737	2,622	2,498	2,338	2,139
Unemployed.....	319	309	372	269	213	196	199	130	114	90	119
Unemployment rate.....	8.3	8.5	10.8	7.9	6.4	6.3	6.8	4.7	4.4	3.7	5.3
Not in labor force.....	301	358	350	313	219	227	238	238	166	169	198
<u>Nonveterans</u>											
Civilian noninstitutional population.....	9,454	9,334	9,209	9,068	8,943	8,815	8,714	8,589	8,532	8,523	8,444
Civilian labor force.....	8,436	8,093	7,844	7,810	8,067	7,670	7,397	7,334	7,715	7,430	7,139
Percent of population.....	89.2	86.7	85.2	86.1	90.2	87.0	84.9	85.4	90.4	87.2	84.5
Employed.....	7,852	7,524	7,188	7,281	7,563	7,241	6,990	7,089	7,449	7,171	6,853
Unemployed.....	584	569	656	529	504	429	407	245	266	259	286
Unemployment rate.....	6.9	7.0	8.4	6.8	6.2	5.6	5.5	3.3	3.4	3.5	4.0
Not in labor force.....	1,018	1,241	1,365	1,258	876	1,145	1,317	1,255	817	1,093	1,305
<b>WHITE</b>											
<u>War veterans 1/</u>											
Civilian noninstitutional population.....	3,722	3,596	3,446	3,329	3,177	3,061	2,893	2,706	2,531	2,383	2,250
Civilian labor force.....	3,456	3,274	3,135	3,058	2,981	2,854	2,686	2,496	2,384	2,234	2,081
Percent of population.....	92.9	91.0	91.0	91.9	93.8	93.2	92.8	92.2	94.2	93.8	92.5
Employed.....	3,191	3,008	2,812	2,835	2,809	2,686	2,508	2,389	2,290	2,156	1,973
Unemployed.....	265	266	323	223	172	168	178	107	94	78	108
Unemployment rate.....	7.7	8.1	10.3	7.3	5.8	5.9	6.6	4.3	3.9	3.5	5.2
Not in labor force.....	266	322	311	271	196	207	207	210	147	149	169
<u>Nonveterans</u>											
Civilian noninstitutional population.....	8,183	8,072	7,964	7,853	7,738	7,580	7,524	7,456	7,398	7,384	7,305
Civilian labor force.....	7,338	7,020	6,798	6,776	6,999	6,612	6,380	6,355	6,683	6,422	6,162
Percent of population.....	89.7	87.0	85.4	86.3	90.4	87.2	84.8	85.2	90.3	87.0	84.4
Employed.....	6,888	6,567	6,277	6,354	6,598	6,281	6,062	6,160	6,478	6,234	5,944
Unemployed.....	450	453	521	422	401	331	318	195	205	188	218
Unemployment rate.....	6.1	6.5	7.7	6.2	5.7	5.0	5.0	3.1	3.1	2.9	3.5
Not in labor force.....	845	1,052	1,166	1,077	739	968	1,144	1,101	715	962	1,143
<b>NEGRO AND OTHER RACES</b>											
<u>War veterans 1/</u>											
Civilian noninstitutional population.....	425	386	363	367	345	293	281	283	247	214	205
Civilian labor force.....	388	350	324	325	322	273	251	256	227	194	177
Percent of population.....	91.5	90.7	89.4	88.6	93.3	93.1	89.2	90.4	92.2	90.5	86.2
Employed.....	334	308	275	279	281	245	229	233	207	182	166
Unemployed.....	54	42	49	46	41	28	22	23	20	12	11
Unemployment rate.....	14.0	12.1	15.1	14.2	12.6	10.3	8.6	9.0	8.7	6.0	6.4
Not in labor force.....	37	36	39	42	23	20	30	27	20	20	28
<u>Nonveterans</u>											
Civilian noninstitutional population.....	1,271	1,262	1,245	1,215	1,205	1,234	1,190	1,133	1,133	1,139	1,139
Civilian labor force.....	1,098	1,073	1,045	1,033	1,068	1,058	1,018	979	1,032	1,008	977
Percent of population.....	86.4	85.0	84.0	85.0	88.6	85.7	85.5	86.4	91.1	88.5	85.8
Employed.....	963	958	910	926	966	961	929	929	971	938	909
Unemployed.....	135	115	135	107	102	97	89	50	61	70	68
Unemployment rate.....	12.3	10.7	12.9	10.3	9.6	9.2	8.7	5.1	5.9	7.0	6.9
Not in labor force.....	173	189	200	182	137	176	172	154	101	131	162

See footnotes at end of table.

# HOUSEHOLD DATA QUARTERLY AVERAGES

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Table 1: Employment status of male Vietnam Era war veterans and nonveterans 20 to 29 years old by age and race—Continued

Item	(Numbers in thousands)										
	1971			1970				1969			
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
<b>TOTAL, 20 TO 24 YEARS OLD</b>											
<b>War veterans <u>1</u>/</b>											
Civilian noninstitutional population.....	1,974	1,947	1,902	1,869	1,819	1,774	1,719	1,688	1,594	1,525	1,486
Civilian labor force.....	1,782	1,711	1,668	1,655	1,664	1,615	1,550	1,523	1,472	1,408	1,340
Percent of population.....	90.3	87.9	87.7	88.5	91.5	91.0	90.2	90.2	92.3	92.3	90.2
Employed.....	1,583	1,499	1,424	1,476	1,513	1,481	1,409	1,425	1,395	1,348	1,260
Unemployed.....	199	212	244	179	151	134	141	98	77	60	80
Unemployment rate.....	11.2	12.4	14.6	10.8	9.1	8.3	9.1	6.4	5.3	4.2	5.9
Not in labor force.....	192	236	234	214	155	159	169	165	122	117	146
<b>Nonveterans</b>											
Civilian noninstitutional population.....	5,582	5,468	5,327	5,199	5,069	4,947	4,879	4,772	4,743	4,720	4,672
Civilian labor force.....	4,741	4,439	4,158	4,135	4,373	3,982	3,741	3,693	4,071	3,789	3,541
Percent of population.....	84.9	81.2	78.0	79.5	86.3	80.5	76.7	77.4	85.8	80.3	75.8
Employed.....	4,321	4,016	3,709	3,759	4,011	3,688	3,469	3,525	3,882	3,593	3,336
Unemployed.....	420	423	449	376	362	294	272	168	189	196	205
Unemployment rate.....	8.9	9.5	10.8	9.1	8.3	7.4	7.3	4.6	4.7	5.2	5.8
Not in labor force.....	841	1,029	1,169	1,064	696	965	1,138	1,079	672	931	1,131
<b>WHITE</b>											
<b>War veterans <u>1</u>/</b>											
Civilian noninstitutional population.....	1,761	1,737	1,699	1,677	1,636	1,610	1,541	1,511	1,444	1,389	1,351
Civilian labor force.....	1,593	1,527	1,489	1,490	1,498	1,464	1,394	1,367	1,340	1,287	1,229
Percent of population.....	90.5	87.9	87.6	88.8	91.6	91.0	90.5	90.5	92.8	92.7	91.0
Employed.....	1,424	1,347	1,282	1,341	1,377	1,349	1,270	1,287	1,279	1,236	1,158
Unemployed.....	169	180	207	149	121	115	124	80	61	51	71
Unemployment rate.....	10.6	11.8	13.9	10.0	8.0	7.8	8.9	5.9	4.5	4.0	5.7
Not in labor force.....	168	210	210	187	138	146	147	144	104	102	122
<b>Nonveterans</b>											
Civilian noninstitutional population.....	4,834	4,739	4,616	4,501	4,381	4,247	4,218	4,144	4,108	4,083	4,040
Civilian labor force.....	4,119	3,850	3,604	3,573	3,781	3,414	3,209	3,177	3,508	3,254	3,035
Percent of population.....	85.2	81.2	78.1	79.4	86.3	80.4	76.1	76.7	85.4	79.7	75.1
Employed.....	3,795	3,519	3,252	3,274	3,493	3,184	2,990	3,041	3,361	3,111	2,874
Unemployed.....	324	331	352	299	288	230	219	136	147	143	161
Unemployment rate.....	7.9	8.6	9.8	8.4	7.6	6.7	6.8	4.3	4.2	4.4	5.3
Not in labor force.....	715	889	1,012	928	600	833	1,009	967	600	829	1,005
<b>NEGRO AND OTHER RACES</b>											
<b>War veterans <u>1</u>/</b>											
Civilian noninstitutional population.....	214	210	203	192	183	164	178	177	150	136	135
Civilian labor force.....	189	184	179	165	166	151	156	156	133	121	111
Percent of population.....	88.5	87.9	88.3	86.1	90.7	92.1	87.6	87.9	88.4	89.2	82.0
Employed.....	159	153	142	135	136	132	139	138	116	113	102
Unemployed.....	30	31	37	30	30	19	17	18	17	8	9
Unemployment rate.....	16.0	17.0	20.9	18.1	18.3	12.8	11.1	11.3	12.6	6.9	8.1
Not in labor force.....	25	26	24	27	17	13	22	21	17	15	24
<b>Nonveterans</b>											
Civilian noninstitutional population.....	748	729	711	698	688	700	661	628	635	637	632
Civilian labor force.....	621	589	554	562	592	568	532	516	563	535	506
Percent of population.....	83.1	80.8	77.9	80.5	86.0	81.1	80.4	82.2	88.7	84.1	80.1
Employed.....	525	497	457	485	518	504	479	484	521	482	463
Unemployed.....	96	92	97	77	74	64	53	32	42	53	43
Unemployment rate.....	15.5	15.6	17.4	13.7	12.5	11.3	9.9	6.2	7.5	10.0	8.6
Not in labor force.....	127	140	157	136	96	132	129	112	72	102	126

See footnotes at end of table.

HOUSEHOLD DATA  
QUARTERLY AVERAGES

Table 1: Employment status of male Vietnam Era war veterans and nonveterans 20 to 29 years old by age and race—Continued

Item	(Numbers in thousands)										
	1971			1970				1969			
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
<b>TOTAL, 25 TO 29 YEARS OLD</b>											
War veterans <sup>1/</sup>											
Civilian noninstitutional population.....	2,171	2,035	1,907	1,826	1,703	1,580	1,455	1,302	1,184	1,072	970
Civilian labor force.....	2,062	1,912	1,791	1,728	1,639	1,512	1,386	1,229	1,139	1,020	918
Percent of population.....	95.0	94.0	93.9	94.6	96.2	95.7	95.3	94.4	96.3	95.2	94.7
Employed.....	1,942	1,815	1,663	1,639	1,577	1,450	1,328	1,196	1,103	990	878
Unemployed.....	120	97	128	89	62	62	58	33	36	30	40
Unemployment rate.....	5.8	5.1	7.2	5.2	3.8	4.1	4.2	2.7	3.2	2.9	4.3
Not in labor force.....	109	123	116	98	64	68	69	73	45	52	52
Nonveterans											
Civilian noninstitutional population.....	3,872	3,866	3,882	3,869	3,874	3,867	3,835	3,817	3,789	3,803	3,772
Civilian labor force.....	3,695	3,654	3,686	3,674	3,695	3,688	3,656	3,641	3,644	3,641	3,598
Percent of population.....	95.4	94.5	95.0	95.0	95.4	95.4	95.3	95.4	96.2	95.7	95.4
Employed.....	3,531	3,508	3,479	3,521	3,554	3,553	3,521	3,564	3,567	3,578	3,517
Unemployed.....	164	146	207	153	141	135	135	77	77	63	81
Unemployment rate.....	4.4	4.0	5.6	4.2	3.8	3.7	3.7	2.1	2.1	1.7	2.3
Not in labor force.....	177	212	196	195	179	179	179	176	145	162	174
<b>WHITE</b>											
War veterans <sup>1/</sup>											
Civilian noninstitutional population.....	1,961	1,859	1,747	1,651	1,541	1,451	1,352	1,196	1,087	994	900.
Civilian labor force.....	1,863	1,747	1,646	1,568	1,483	1,390	1,291	1,129	1,044	947	852
Percent of population.....	95.0	94.0	94.2	95.0	96.2	95.8	95.5	94.4	96.1	95.3	94.7
Employed.....	1,767	1,661	1,529	1,495	1,431	1,337	1,237	1,101	1,011	920	814
Unemployed.....	96	86	117	73	52	53	28	28	33	27	38
Unemployment rate.....	5.2	4.9	7.1	4.7	3.5	3.9	4.2	2.4	3.2	2.8	4.4
Not in labor force.....	98	112	101	83	58	61	61	67	43	47	48
Nonveterans											
Civilian noninstitutional population.....	3,349	3,333	3,348	3,352	3,356	3,333	3,307	3,312	3,291	3,301	3,265
Civilian labor force.....	3,219	3,170	3,195	3,203	3,218	3,198	3,170	3,178	3,175	3,168	3,127
Percent of population.....	96.1	95.1	95.4	95.6	95.9	95.9	95.9	96.0	96.5	96.0	95.8
Employed.....	3,093	3,048	3,026	3,080	3,105	3,096	3,071	3,119	3,117	3,122	3,070
Unemployed.....	126	122	169	123	113	102	99	59	58	46	57
Unemployment rate.....	3.9	3.8	5.3	3.8	3.5	3.2	3.1	1.9	1.8	1.4	1.8
Not in labor force.....	130	163	153	149	138	135	137	134	116	133	138
<b>NEGRO AND OTHER RACES</b>											
War veterans <sup>1/</sup>											
Civilian noninstitutional population.....	211	176	160	175	162	129	103	106	97	78	70
Civilian labor force.....	199	165	145	160	156	122	95	100	95	73	66
Percent of population.....	94.6	93.9	90.8	91.4	96.3	94.3	91.9	94.4	97.9	92.8	(2/)
Employed.....	175	154	133	144	146	113	91	95	92	70	64
Unemployed.....	24	11	12	16	10	9	4	5	3	3	2
Unemployment rate.....	12.0	6.7	8.0	10.0	6.6	7.1	4.6	5.3	3.2	(2/)	(2/)
Not in labor force.....	12	11	15	15	6	7	8	6	2	5	4
Nonveterans											
Civilian noninstitutional population.....	523	533	534	517	518	534	528	505	498	502	507
Civilian labor force.....	477	484	491	471	477	490	486	463	469	473	471
Percent of population.....	91.1	90.8	92.0	91.2	92.1	91.7	92.0	91.7	94.1	94.1	92.8
Employed.....	438	460	453	441	449	457	450	445	450	456	447
Unemployed.....	39	24	38	30	28	33	36	18	19	17	24
Unemployment rate.....	8.1	4.9	7.8	6.3	5.9	6.8	7.4	3.8	4.0	3.6	5.2
Not in labor force.....	46	49	43	46	41	44	42	42	29	29	36

<sup>1/</sup> War veterans are defined by the dates of their service in the U.S. Armed Forces. War veterans 20 to 29 years old are all veterans of the Vietnam Era (service at any time after August 4, 1964), and they account for about 85 percent of the Vietnam Era war veterans of all ages. See footnote 1, Table 2 for service dates of other wars.

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

NOTE: Because of rounding, sums of individual items may not equal totals. Rates are based on unrounded numbers.



**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

Table 2: Employment status of men 16 years old and over by veteran status<sup>1</sup> and age

Veteran status and age	(Numbers in thousands)											
	Civilian noninsti- tutional population		Civilian labor force		Labor force par- ticipation rate		Employed		Unemployed		Unemployment rate	
	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970	3rd 1971	3rd 1970
<b>ALL MEN</b>												
Total, 16 years and over.....	65,915	64,446	53,149	52,214	80.6	81.0	50,483	49,939	2,665	2,275	5.0	4.4
16 to 19 years.....	7,433	7,184	4,845	4,653	65.2	64.8	4,112	3,995	732	658	15.1	14.1
20 to 29 years.....	14,233	13,351	12,903	12,236	90.7	91.6	11,972	11,488	930	748	7.2	6.1
20 to 24 years.....	7,565	6,916	6,532	6,064	86.3	87.7	5,911	5,551	620	513	9.5	8.5
25 to 29 years.....	6,668	6,435	6,371	6,172	95.6	95.9	6,061	5,937	310	235	4.9	3.8
30 to 34 years.....	5,509	5,351	5,368	5,211	97.4	97.4	5,191	5,071	178	140	3.3	2.7
35 to 39 years.....	5,125	5,147	4,962	4,997	96.8	97.1	4,824	4,890	137	107	2.8	2.1
40 to 44 years.....	5,558	5,646	5,350	5,432	96.3	96.2	5,197	5,300	154	132	2.9	2.4
45 to 54 years.....	11,145	11,066	10,452	10,420	93.8	94.2	10,172	10,169	281	251	2.7	2.4
55 to 64 years.....	8,709	8,600	7,140	7,107	82.0	82.6	6,949	6,928	190	179	2.7	2.5
65 years and over.....	8,201	8,101	2,127	2,158	25.9	26.6	2,064	2,098	62	60	2.9	2.8
<b>WAR VETERANS</b>												
Total, 16 years and over.....	24,114	23,546	21,247	20,834	88.1	88.5	20,481	20,216	766	618	3.6	3.0
16 to 19 years.....	44	29	33	22	(2/)	(2/)	22	17	11	5	(2/)	(2/)
20 to 29 years.....	4,145	3,522	3,844	3,303	92.7	93.8	3,525	3,090	319	213	8.3	6.4
20 to 24 years.....	1,974	1,819	1,782	1,664	90.3	91.5	1,583	1,513	199	151	11.2	9.1
25 to 29 years.....	2,171	1,703	2,062	1,639	95.0	96.2	1,942	1,577	120	62	5.8	3.8
30 to 34 years.....	645	662	633	638	98.1	96.4	612	618	22	20	3.4	3.1
35 to 39 years.....	2,138	2,541	2,082	2,486	97.4	97.8	2,026	2,432	56	54	2.7	2.2
40 to 44 years.....	3,720	3,924	3,604	3,818	96.9	97.3	3,508	3,729	97	89	2.7	2.3
45 to 54 years.....	8,669	8,407	8,220	7,973	94.8	94.8	8,030	7,792	190	181	2.3	2.3
55 to 64 years.....	2,996	2,677	2,475	2,236	82.6	83.5	2,418	2,187	56	49	2.3	2.2
65 years and over.....	1,756	1,784	354	358	20.2	20.1	339	351	15	7	4.1	2.0
<b>POST-KOREAN PEACETIME VETERANS</b>												
Total, 20 to 49 years.....	2,987	2,996	2,931	2,943	98.1	98.2	2,838	2,870	92	73	3.2	2.5
20 to 24 years.....	9	28	9	27	(2/)	(2/)	8	27	1	--	(2/)	--
25 to 29 years.....	625	858	614	838	98.2	97.7	588	806	26	32	4.2	3.8
30 to 34 years.....	1,628	1,596	1,598	1,574	98.2	98.6	1,548	1,541	50	33	3.1	2.1
35 to 39 years.....	675	481	662	473	98.1	98.3	647	466	14	7	2.2	1.5
40 to 44 years.....	44	28	43	27	(2/)	(2/)	42	26	1	1	(2/)	(2/)
45 to 49 years.....	6	5	5	4	(2/)	(2/)	5	4	(3/)	--	(2/)	--
<b>NONVETERANS</b>												
Total, 16 years and over.....	38,814	37,904	28,971	28,437	74.6	75.0	27,164	26,853	1,807	1,584	6.2	5.6
16 to 19 years.....	7,389	7,155	4,812	4,631	65.1	64.7	4,090	3,978	721	653	15.0	14.1
20 to 29 years.....	9,454	8,943	8,436	8,068	89.2	90.2	7,851	7,565	584	503	6.9	6.2
20 to 24 years.....	5,582	5,069	4,741	4,373	84.9	86.3	4,320	4,011	420	362	8.9	8.3
25 to 29 years.....	3,872	3,874	3,695	3,695	95.4	95.4	3,531	3,554	164	141	4.4	3.8
30 to 34 years.....	3,236	3,093	3,137	2,999	96.9	97.0	3,031	2,912	106	87	3.4	2.9
35 to 39 years.....	2,312	2,125	2,218	2,038	95.9	95.9	2,151	1,992	67	46	3.0	2.3
40 to 44 years.....	1,794	1,694	1,703	1,587	94.9	93.7	1,647	1,545	56	42	3.3	2.6
45 to 54 years.....	2,470	2,654	2,227	2,443	90.1	92.0	2,137	2,373	91	70	4.1	2.9
55 to 64 years.....	5,713	5,923	4,665	4,871	81.7	82.2	4,531	4,741	134	130	2.9	2.7
65 years and over.....	6,445	6,317	1,773	1,800	27.5	28.5	1,725	1,747	47	53	2.7	2.9

1/ War veterans are defined by the dates of their service in the U.S. Armed Forces as follows: Vietnam Era--served after August 4, 1964; Korean Conflict--served at any time between June 27, 1950 and January 31, 1955; World War II--served at any time from September 16, 1940 to July 25, 1947; World War I--served at any time between April 6, 1917 and November 11, 1918. A Post-Korean-Peacetime veteran served in the Armed Forces between February 1, 1955 and August 4, 1964, inclusive. A person who served in more than one period is classified according to his latest period of service. A Nonveteran never served in the Armed Forces, or served only in peacetime prior to June 27, 1950.

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

3/ Less than 0.5 thousands.

NOTE: Because of rounding, sums of individual items may not equal totals. Rates are based on unrounded numbers.

# Technical Note

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 50,000 households, representing 449 areas in 863 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, job vacancies, 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 about 30 million nonagriculture 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 month while job vacancies pertain to those outstanding at the end of the month.

*Data based on administrative records of unemployment insurance systems* furnish a complete count of insured unemployment among the two-thirds 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 interview 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, State and local government, domestic service, self-employment, unpaid family work, nonprofit organizations, and firms below a minimum size).

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, published jointly by the U.S. Departments of Commerce and Health, Education, and Welfare, 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.* Not all nonagricultural wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in about half the States. In general, these are establishments with less than four employees.

Additional information concerning the preparation of the labor force, employment, hours, earnings, job vacancy, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in technical notes for each of these series, available from the Bureau of Labor Statistics free of charge.

## Labor Force Data

### 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 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 16 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, 50,000 occupied units are designated for interview. About 2,250 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 4.5 percent. In addition to the 50,000 occupied units, there are 8,500 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 one 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.

*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 noninstitutional 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 non-institutional population, and the civilian labor force participation rate, which is the ratio of civilian labor force and 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 1960 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 governmental 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 Veterans 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 (because full-time work is not available), 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 had formerly been identified as "Nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1960 Census of Population, approximately 92 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhites. Tables in this volume which contain these data utilize the word "color" to so indicate.

**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-5 for 16-21 year-olds by employment status, color, sex, and, if unemployed, whether seeking full- or part-time work.

## 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 or other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups—color (white and Negro and other races) within the three residence categories (urban, rural nonfarm, and rural farm). The

proportion of sample households not interviewed varies from 4 to 6 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 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 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 weighted by independent current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1960) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

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.

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

**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 and total employment . . . . .	190	145
Agriculture . . . . .	120	100
Nonagricultural employment . . . . .	200	150
Unemployment . . . . .	75	80
<b>MALE</b>		
Labor force and total employment . . . . .	100	75
Agriculture . . . . .	95	80
Nonagricultural employment . . . . .	120	95
Unemployment . . . . .	60	60
<b>FEMALE</b>		
Labor force and total employment . . . . .	150	115
Agriculture . . . . .	50	40
Nonagricultural employment . . . . .	150	115
Unemployment . . . . .	50	55

**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	-	-	-	-	-

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.

**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	

# Establishment Data

## COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, job vacancies, 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 job vacancy-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 Job Openings and Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collecting 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 man-hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and three job vacancy items as of the end of the month: Current job vacancies, (i.e., vacancies available for immediate filling), current vacancies which have remained unfilled for 30 days or more, and openings with future starting dates.

## 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, job vacancy, 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 reported to work 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 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 has reduced average workweeks in these industries and has 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 *Employment and Wages* (Manpower Administration), *County Business Patterns* (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*.

### Railroad hours and earnings

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



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

### 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.

### 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.

## Job vacancies

Job vacancies are the stock of unfilled job openings as of the close of the last business day of the reference month. Openings for all kinds of positions, classifications and employment, full time, part time, permanent, temporary, and seasonal are included. Excluded are jobs to be filled by recall from layoff, transfer, promotion, demotion or return from paid or unpaid leave; jobs unoccupied because of labor-management disputes; job openings for which "new" workers were already hired and scheduled to start work later; and openings with future starting dates, which are requested as a separate item.

*Job vacancies* are defined as vacant jobs which are immediately available for filling, and for which the firm is actively trying to find or recruit workers from outside the firm.

"Actively trying to find or recruit" means that the establishment is engaged in current efforts to fill the job vacancies by means of orders listed with public or private employment agencies and school placement offices; notification to labor unions and professional organizations; "help wanted" advertising (newspaper, posted notice, etc.) recruitment programs; and interview and selection of applicants.

*Long-term job vacancies* are those current vacancies which have continued unfilled for 30 days or more.

The reporting establishment is also asked to indicate the number of openings with future starting dates for which the firm is actively trying to recruit workers from outside the firm.

Job openings with future starting dates may exist for such reasons as: Job unavailable until expected separation of present incumbent occurs; work will not start until some future date; new branch to be opened in the future; or anticipated increase in business.

The *job vacancy rate* is computed by dividing the number of current job vacancies by the sum of employment plus vacancies, and multiplying that quotient by 100.

*Occupational classifications* are made in accordance with those established in the *Dictionary of Occupational Titles*, Third Edition, U.S. Department of Labor, 1965.

## 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 later in table L, Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover. Further details are given in the technical notes—Chapter 2, Employment, Hours and Earnings, and Chapter 3, Labor Turnover,

reprinted from the *Handbook of Methods for Surveys and Studies*, BLS Bulletin 1458—which are available upon request.

## Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or non-supervisory-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 1970 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, covering three-fourths of the total nonagricultural employment in the United States, are prepared under the direction of the Manpower Administration. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates 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 made in the last 3 benchmark years is shown in table E.

**Table E. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1968-1970**

Industry division	1968	1969	1970
Total . . . . .	100.4	99.8	100.0
Mining . . . . .	101.7	101.5	100.0
Contract construction . . . . .	99.5	99.0	100.1
Manufacturing . . . . .	99.8	99.8	100.1
Transportation and public utilities . . . . .	100.7	100.4	99.9
Wholesale and retail trade . . . . .	100.3	100.0	100.1
Finance, insurance, and real estate . . . . .	99.2	100.0	100.3
Services . . . . .	99.2	99.1	99.6
Government . . . . .	102.8	100.1	100.3

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.

## 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 job vacancy-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 specification 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 F shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

**Table F. Approximate size and coverage of BLS employment and payrolls sample, March 1970<sup>1</sup>**

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Mining . . . . .	2,200	301,000	49
Contract construction . . .	16,000	778,000	25
Manufacturing . . . . .	46,000	12,025,000	61
Transportation and public utilities:			
Railroad transportation (ICC) . . . . .	99	579,000	94
Other transportation and public utilities . . .	7,100	2,126,000	56
Wholesale and retail trade . .	40,000	2,828,000	19
Finance, insurance, and real estate . . . . .	9,700	1,332,000	36
Services . . . . .	23,300	2,423,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup> . . . . .	3,300	2,722,000	100
State and local . . . . .	9,900	5,350,000	54

<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> State and area estimates of Federal employment are based on reports from a sample of Federal establishments, collected through the BLS—State cooperative program.

Table G shows the approximate coverage, in terms of employment, of the labor turnover sample.

**Table G. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1970**

Industry	Employees	
	Number reported	Percent of total
Manufacturing <sup>1</sup> . . . . .	10,441,100	53
Metal mining . . . . .	58,200	63
Coal mining . . . . .	58,100	42
Communication:		
Telephone . . . . .	736,100	81
Telegraph . . . . .	22,000	68

<sup>1</sup> Since some establishments do not report the information, job vacancy estimates currently are based on reports from sample establishments covering about 43 percent of universe employment.

## 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 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, generally minor, arises from improvements in the quality of the benchmark data. Table H 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.

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

<sup>1</sup> Relative errors relate to March 1970 data.

<sup>2</sup> The average percent revision in employment for the 6 most recent benchmarks (1965-70).

<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.

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 estimated, 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 H and for individual industries with the specified number of employees in table I. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

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

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

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

**Table I. 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	8,100	.4	.8
1,000,000	12,500	.3	.5
2,000,000	16,700	.3	.5

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

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 I.

For the 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 J presents root-mean-square errors of the

**Table J. 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	800
200,000	1,900	1,800
500,000	3,200	3,200
1,000,000	5,700	5,500
2,000,000	11,300	11,000
10,000,000	39,300	38,500
Total nonagricultural employment	98,000	91,000

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.

### Reliability of job vacancy estimates

As with the employment estimates, the estimates derived from the job vacancy survey 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.

Measures of reliability for the job vacancy estimates are given by the relative errors in table K. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by a smaller percentage than the relative error. The chances are about 19 out of 20 that the difference would be a smaller percentage than twice the relative error.

### STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, job vacancy, 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 fig-

**Table K. Relative errors of estimates of job vacancy data**

Industry	Relative error <sup>1</sup> (in percent)
Manufacturing . . . . .	2
Durable goods industries . . . . .	3
Nondurable goods industries . . . . .	3
Selected durable goods industries:	
Primary metal industries . . . . .	8
Machinery, except electrical . . . . .	5
Electrical equipment & supplies . . . . .	9
Transportation equipment . . . . .	11
Instruments & related products . . . . .	16
Selected nondurable goods industries:	
Textile mill products . . . . .	4
Apparel and other textile products . . . . .	4
Printing & publishing . . . . .	14
Chemicals & allied products . . . . .	8

<sup>1</sup> Expressed as a percent of the estimate.

ures 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 date of availability of each series) in a summary volume published annually by the BLS.

## Unemployment Insurance Data

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 who worked in firms whose size excluded them from the unemployment insurance laws, as well as many persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, 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 continues 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 limitations of unemployment insurance data should address their inquiries to Manpower Administration, Washington, D.C. 20210.

# Seasonal Adjustments

## SEASONAL ADJUSTMENTS

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 method used for these series is 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 booklet, *The BLS Seasonal Factor Method* (1966), which may be obtained from the Bureau on request.

For establishment data, the seasonally adjusted series on hours, earnings, and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. 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. Indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and nondurable 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.

The revised seasonally adjusted series for the establishment data reflect experience through May 1971. Seasonal factors to be used for current adjustment are shown in the September 1971 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

For each of the three major labor force components—agricultural and nonagricultural employment and unemployment—data for four age-sex groups (male and female workers under age 20 and age 20 and over) are separately adjusted for seasonal variation and are 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 is derived by dividing the seasonally adjusted figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the seasonally adjusted civilian labor force (the sum of twelve seasonally adjusted age-sex components).

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1970 are published in the February 1971 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

The seasonal adjustment method used by BLS requires the use of at least 8 years of data, although there are special adjustment programs for as few as 3 years. Since collection of job vacancy information was begun in January 1969, the data necessary to seasonally adjust this series are not yet available. All job vacancy information published in *Employment and Earnings* is, therefore, on an unadjusted basis.

## ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours, earnings, job vacancy, and labor turnover series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1970 benchmarks. Data from April 1970 forward are subject to revision at the time of the next benchmark.

Beginning with the September 1971 and subsequent issues of

*Employment and Earnings*, the national data in Sections, B, C, and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1971*. Comparable data will be published in *Employment and Earnings, United States, 1909-71*, BLS Bulletin 1312-8.

Job vacancy data for July and August 1971 have been adjusted to reflect the effects of March 1970 benchmark employment levels and are not strictly comparable with those of earlier months.

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

Item	Basic estimating cells (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.
Job vacancy rates . . .	The total number of job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the total job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
Long-term job vacancy rates . . .	The number of long-term job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the long-term job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
<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.
Job vacancy rates	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.