

EMPLOYMENT AND EARNINGS

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CALENDAR OF FEATURES								
In addition to the monthly data appearing regularly in <i>Employment and Earnings</i> , special features appear in most of the issues, as shown below:								
	Jan.	Feb.	Mar.	Apr.	May	June	July	Oct.
Household data								
Annual averages	x							
Revised seasonally adjusted series and current seasonal factors		x						
Quarterly averages	x			x			x	x
Establishment data								
National annual averages:								
Industry divisions (preliminary)	x							
Industry detail (final)			x					
State and area annual averages					x			
Area definitions					x			
National data adjusted to new benchmarks						x		
Revised seasonally adjusted series and current seasonal factors						x		

Employment and Unemployment Developments, March 1971

Unemployment edged up in March, while employment remained basically unchanged. The overall unemployment rate moved up to 6.0 percent in March, following a decline from 6.2 percent to 5.8 percent between December and February.

The March increase in unemployment occurred largely among 16-24 year-olds; many of whom were new entrants or re-entrants to the labor force. Jobless rates for most other major labor force groups were about unchanged over the month.

The seasonally adjusted jobless rate for workers covered by State unemployment insurance programs moved up to 3.9 percent in March, after declining from 4.6 percent in November to 3.7 percent in January and February.

Total employment was about unchanged in March at 78.5 million, seasonally adjusted. With the exception of a temporary rise in January, total employment has remained on a virtual plateau since May 1970 and was 500,000 below the alltime high reached last March.

Nonfarm payroll employment was also unchanged in March on a seasonally adjusted basis. At 70.6 million, payroll employment in March was about the same as last September, prior to the beginning of the auto strike, but was down 680,000 from last March. Over-the-month gains in contract construction and State and local government were countered by a decline in manufacturing employment; the manufacturing drop largely reflected a net increase in the number of workers off payrolls because of strikes. The average workweek for all rank-and-file workers in private nonfarm industries, as well as in manufacturing, rose over the month after a dip in February.

Unemployment

The number of unemployed persons totaled 5.2 million in March, down 270,000 from February. The decline was less than usual for this time of year, and, after seasonal adjustment, unemployment was up by 150,000, largely among teenagers and 20-24 year-olds.

The March rise in unemployment occurred primarily among jobseekers who had reentered the labor force. At 1.5 million, seasonally adjusted, the number of unemployed reentrants returned to the January level, following a sharp drop in February. Unemployment stemming from job loss totaled 2.2 million in March, seasonally adjusted, down 100,000 from February and at the lowest level since September 1970.

The overall unemployment rate moved up from 5.8 to 6.0 percent in March, the same as in January but slightly below December's 9-year peak of 6.2 percent. Approximately half of the over-the-month increase in unemployment occurred among teenagers, mostly females. At 17.8 percent in March, the teenage jobless rate returned to the levels reached in late fall when it had been at its highest point since 1963.

Jobless rates for adult men (4.2 percent) and married men (3.2 percent) were unchanged over the month, but both were down from their December highs. The rate for adult women, at 5.8 percent, was about unchanged for the fourth straight month. However, the rate for 20-24 year-old women moved up from 9.1 to 10.1 percent, the highest in more than 7 years.

The jobless rate for whites rose from 5.3 to 5.6 percent in March, following a decline in February. The jobless rate for Negroes, at 9.4 percent, was about unchanged for the

third straight month, remaining near its highest level since 1964.

After holding steady at 10.4 weeks in February and January, the average (mean) duration of unemployment rose to 10.8 weeks in March, seasonally adjusted, the highest level since April 1966. A slight decline in the number of persons unemployed less than 5 weeks and a rise in the number unemployed 5 to 26 weeks contributed to the higher average duration of joblessness. The number unemployed 15 weeks or more totaled 1.1 million in March (seasonally adjusted), the highest level since 1963.

The jobless rate for white-collar workers edged up from 3.5 to 3.7 percent over the month, although it remained within the 3.5-3.8 percent range that has prevailed since October 1970. The rate for professional and technical workers, although about unchanged in March at 3.4 percent, was at its highest point since the monthly series began in 1958. The jobless rate for craftsmen and foremen (4.9 percent) was up over the month, returning to its December-January levels following a decline in February. Jobless rates for the other occupation groups were not significantly changed over the month, although most have moved down from their high December levels.

Among major industry groups, jobless rates were up in trade (to 6.7 percent) and in the finance and service industries (to 5.3 percent). The March rate in the finance and service industries was at its highest level in 8 years. In transportation and public utilities, on the other hand, the unemployment rate moved down from 4.0 to 3.3 percent. The jobless rate in construction (10.9 percent) was unchanged in March, remaining below the 1970 peak reached in September (12.7 percent). Although unchanged over the month, the rate in manufacturing (6.9 percent) was also down from its winter highs.

The jobless rate for workers covered by State unemployment insurance programs rose from 3.7 percent in February to 3.9 percent in March, seasonally adjusted. This was the first increase in the State insured rate since the end of the automobile strike.

Civilian labor force and total employment

The civilian labor force, at 83.5 million, seasonally adjusted, was little changed over the month, after declining in February. The labor force had risen sharply between July 1970 and January 1971.

Total employment, at 78.5 million, seasonally adjusted, was also unchanged from the February level. Except for a temporary rise in January, total employment has remained on a virtual plateau since May 1970. Over the year, total employment—which includes self-employed, domestic, and unpaid family workers, as well as wage and salary workers—has fallen by about one-half million.

An over-the-month increase in employment for part-time workers was countered by a decline in employment among full-time workers. At 67.4 million in March, seasonally adjusted, employment of full-time workers was at its lowest level since May 1969.

Industry payroll employment

The number of persons on nonagricultural payrolls was 69.8 million in March, up 280,000 over the month. The increase was in line with the usual seasonal pattern, and, after seasonal adjustment, nonfarm payroll employment was unchanged from the February level. Payroll employment would have shown a very small rise over the month, however, except for a net increase in the number of workers on strike. Since March 1970, the number of payroll jobs has dropped by 680,000.

Employment increases in contract construction and State and local government in March were countered by a seasonally adjusted decline in manufacturing (65,000). With the exception of November 1970 (the second month of the auto strike), manufacturing employment in March was at its lowest point in 5 years. Manufacturing jobs have declined by 630,000 since September (the month prior to the strike) and by 1.3 million, or 6.5 percent, since March a year ago.

The job cutbacks in manufacturing were confined primarily to the durable goods sector. A

drop of 75,000 in durables took place largely in the primary and fabricated metals, machinery, and stone, clay and glass industries. The decline in fabricated metals (25,000) resulted from a strike in the metal can industry.

Employment in nondurable goods showed a small gain in March (10,000) and has remained virtually unchanged since October. Apparel accounted for the entire over-the-month increase, as changes in the other soft goods industries were small and largely offsetting.

Employment in contract construction increased by 45,000, seasonally adjusted, following 2 straight months of significant declines. Compared with March 1970, however, construction employment was down by 230,000, or 7.2 percent.

Employment in the service-producing sector edged up 25,000, seasonally adjusted, between February and March, due almost entirely to an increase in State and local government. Employment in State and local governments has continued to rise steadily in recent months, although the remainder of the service-producing sector—transportation and public utilities, trade, finance, services, and the Federal Government—has shown little or no growth since January. Over the year, however, employment in the service-producing industries has risen by 840,000, providing a partial offset to the 1.5 million job loss in the goods industries.

Hours of work

The workweek for all rank-and-file workers on private nonagricultural payrolls rebounded from the sharp decline of the previous month, which had reflected bad weather conditions and a holiday weekend in mid-month. On a seasonally adjusted basis, the workweek was up by 0.2 hour to 37.1 hours, a return to the January level. The largest over-the-month increases took place in manufacturing and contract construction.

In manufacturing, the average workweek moved up 0.4 hour in March to 39.9 hours, bringing the factory workweek back to the levels of last spring and summer. A large part of the March increase occurred in durable goods, particularly in primary metals,

which may reflect a build-up of inventories in anticipation of a strike. Over the year, factory hours were down 0.3 hour.

Factory overtime edged down over the month to 2.7 hours (seasonally adjusted), equaling the 7-year low reached in November and December of last year. Since March 1970, factory overtime has fallen by four-tenths of an hour.

Earnings

Average hourly earnings of rank-and-file workers on private payrolls were \$3.36 in March, up 1 cent from February. Hourly earnings were 19 cents, or 6.0 percent, above the year-ago level.

Average weekly earnings were up \$1.37 over the month to \$123.98, as the small increase in hourly earnings was bolstered by the large gain in the workweek. Over-the-month increases were recorded in all of the major industries with the exception of transportation and public utilities. Compared with March 1970, average weekly earnings were up by \$6.06, or 5.1 percent. During the latest 12-month period for which Consumer Price Index data are available—February 1970–February 1971—the Index rose by 4.8 percent.

First quarter developments

Labor force and total employment. The civilian labor force averaged 83.6 million (seasonally adjusted) in the first quarter of 1971, up slightly (125,000) from the fourth quarter of 1970. The advance was substantially less than in either of the previous 2 quarters—640,000 and 290,000, respectively. The first quarter 1971 increase occurred entirely among teenagers and adult women, as the number of adult men in the labor force declined slightly.

The total labor force, which includes the Armed Forces, was unchanged in the first quarter of 1971. Since the first quarter of 1970, the total labor force has risen by 870,000. During the same period, the civilian labor force increased by 1.3 million, with the difference reflecting the net return to the civilian labor force of young men who had been in the armed services.

Total employment, at 78.6 million, remained virtually unchanged for the third straight quarter, as an increase among teenagers was offset by a decline in employment of adult men. Employment among adult women was not significantly changed from the fourth quarter. There was also no significant change in the employment level of either whites or blacks during this period.

At 67.6 million, seasonally adjusted, full-time employment was down by 190,000 from the last quarter of 1970, mostly among adult men. This drop was countered by a rise in part-time employment, principally among adult women and teenagers.

Unemployment. The number of unemployed persons averaged 5.0 million (seasonally adjusted) in the first quarter of 1971, essentially unchanged from the fourth quarter; this was the first 3-month period in which unemployment had not risen substantially since the first quarter of 1970.

At 5.9 percent in the January-March quarter, the overall unemployment rate was also unchanged, after having risen steadily since the fourth quarter of 1969. Jobless rates were unchanged for adult men (4.3 percent) and for teenagers (17.4 percent), but the rate for adult women inched up from 5.5 to 5.7 percent between the fourth quarter of 1970 and the first quarter of 1971.

Unemployment rates for both white and black workers showed no significant change between the fourth quarter of 1970 and the first quarter of 1971. As a result, the ratio of Negro-to-white joblessness remained at 1.7 to 1 during the first quarter of 1971. This ratio has been below the historic 2-to-1 relationship since the fourth quarter of 1969.

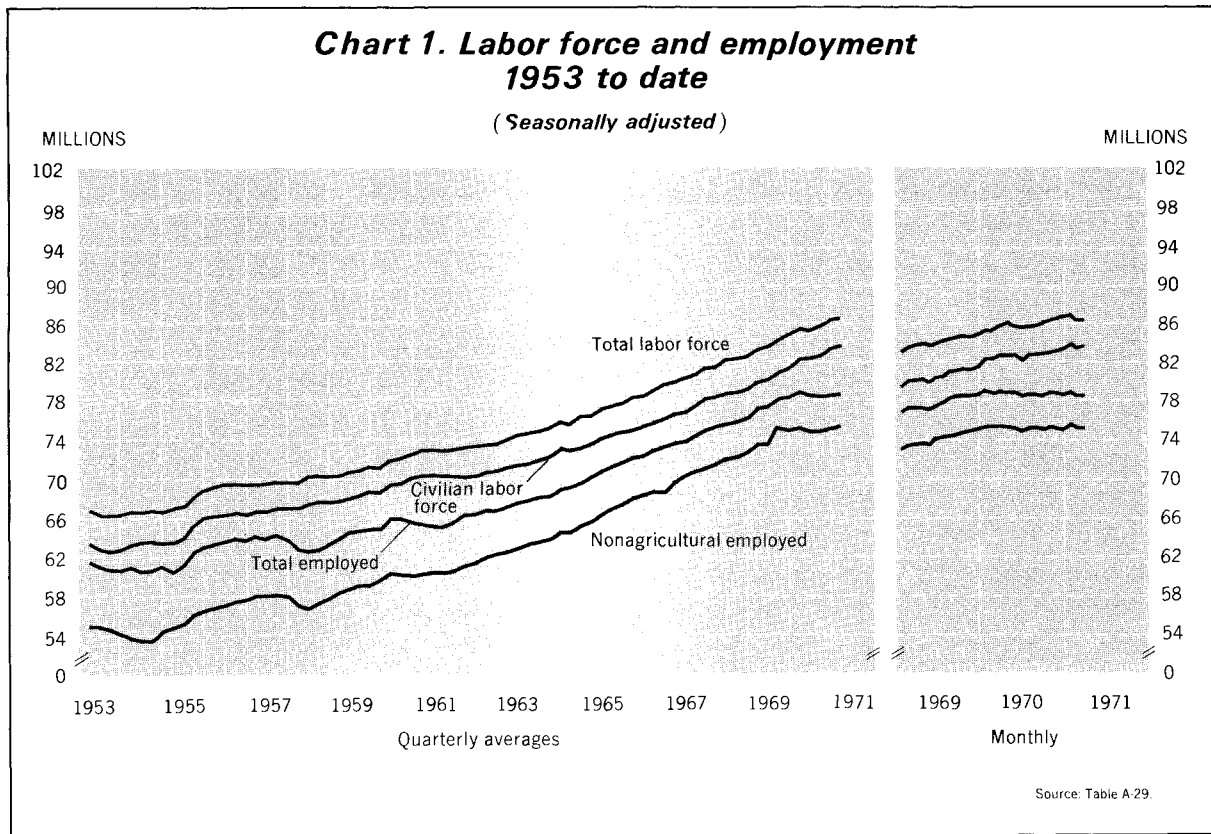
Jobless rates remained unchanged for most major occupation groups in the first quarter of 1971. The only significant rise occurred among professional and technical workers, whose jobless rate rose to 3.2 percent from 2.5 percent in the fourth quarter of 1970.

Industry employment. Nonagricultural payroll employment averaged 70.6 million, seasonally adjusted, in the first quarter of 1971. After declining steadily throughout most of 1970, payroll jobs rose 400,000 from the October-December quarter.

The rise in payroll employment occurred primarily among service-producing industries, particularly in trade, services, and State and local government. Although goods-producing employment declined for the sixth straight quarter, the decline of 45,000 was smaller than those of the previous quarters. Employment in manufacturing was only slightly above the fourth quarter level despite the return to work of more than 300,000 strikers who had been off payrolls because of the auto strike. In contract construction, employment was down 85,000 from the fourth quarter of 1970.

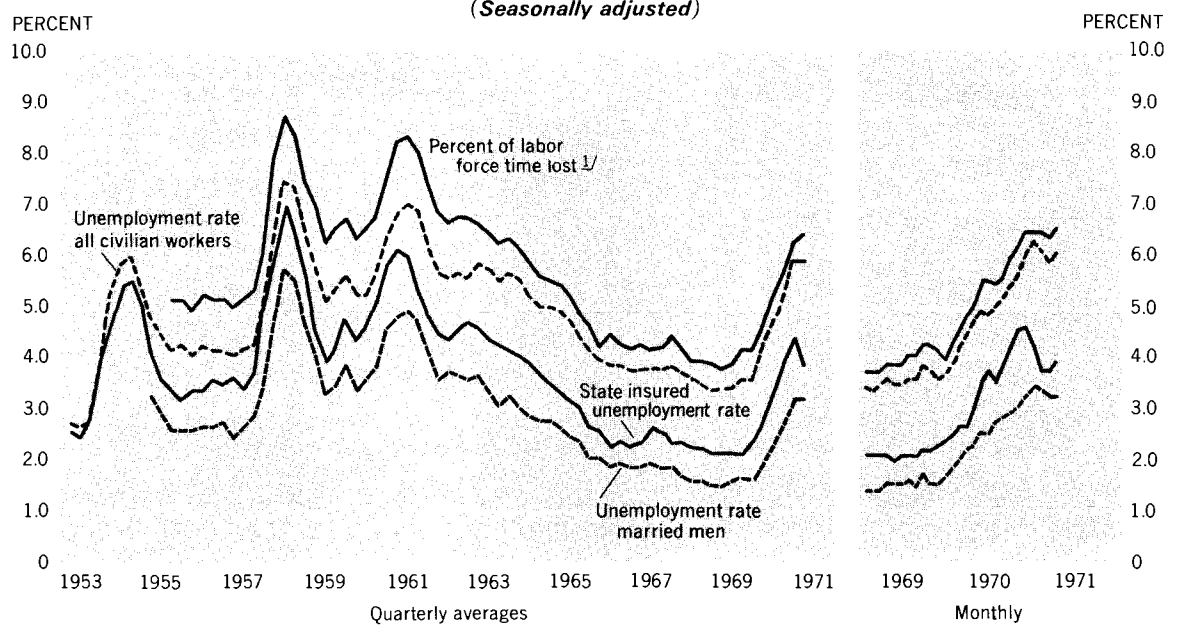
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**Chart 2. Major unemployment indicators
1953 to date**

(Seasonally adjusted)

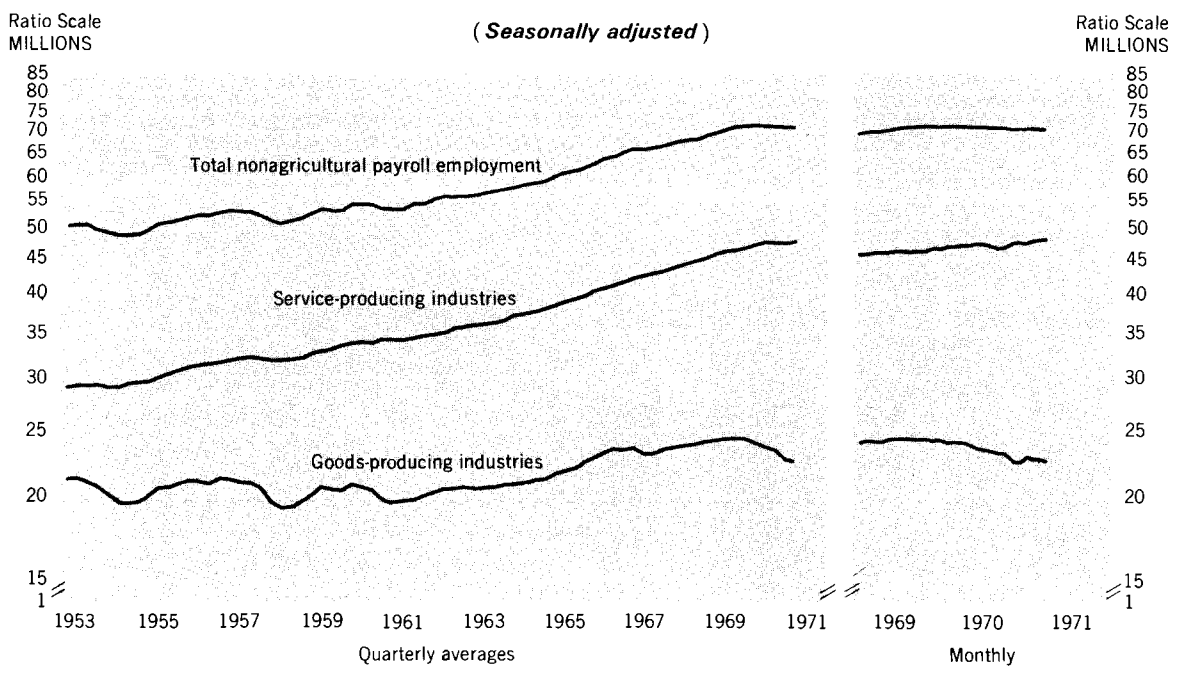


1/ Series revised beginning 1963 to reflect whether unemployed persons sought full- or part-time jobs.

Source: Table A-33.

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

(Seasonally adjusted)

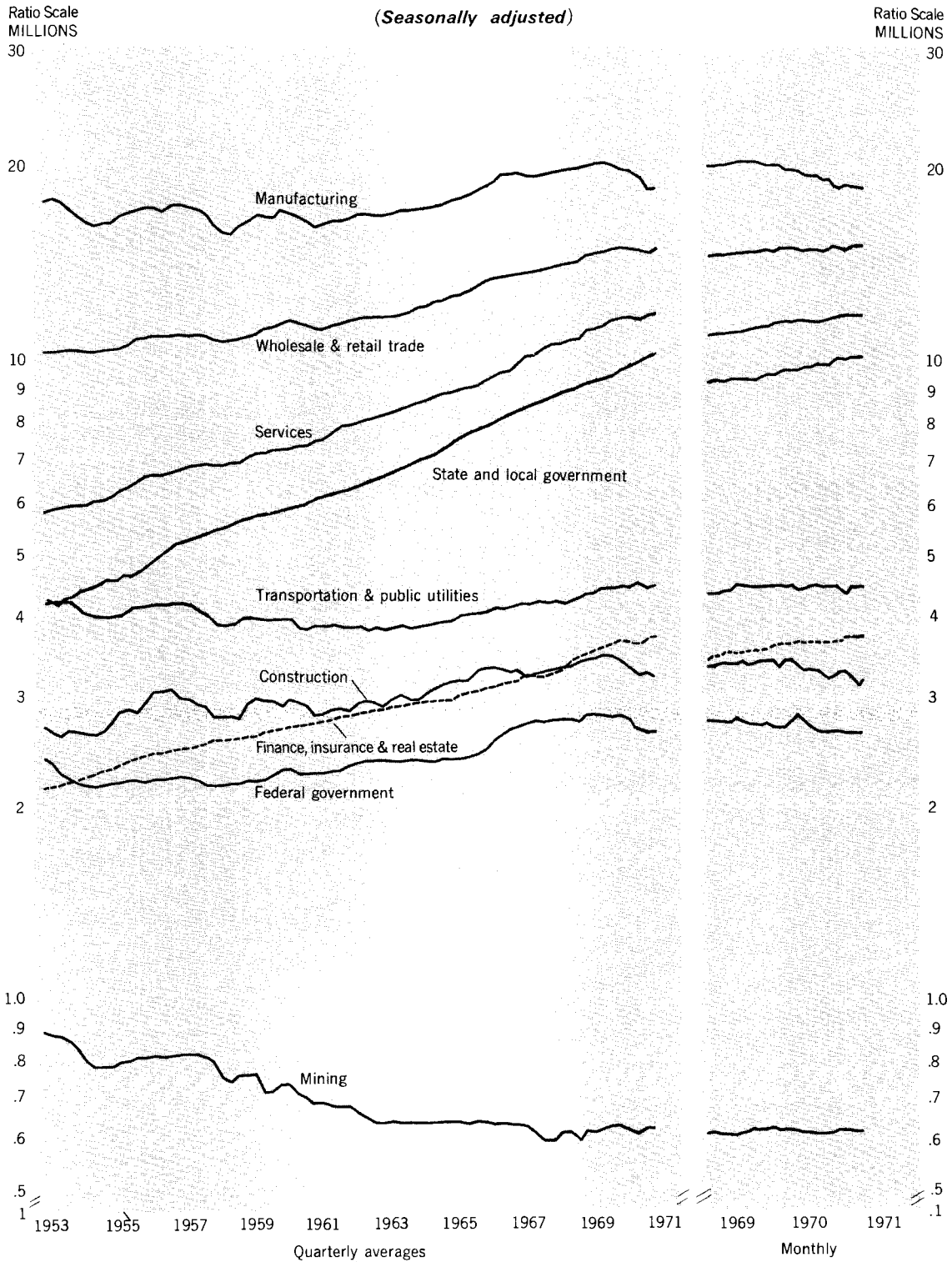


Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

Chart 4. Nonagricultural payroll employment by industry 1953 to date

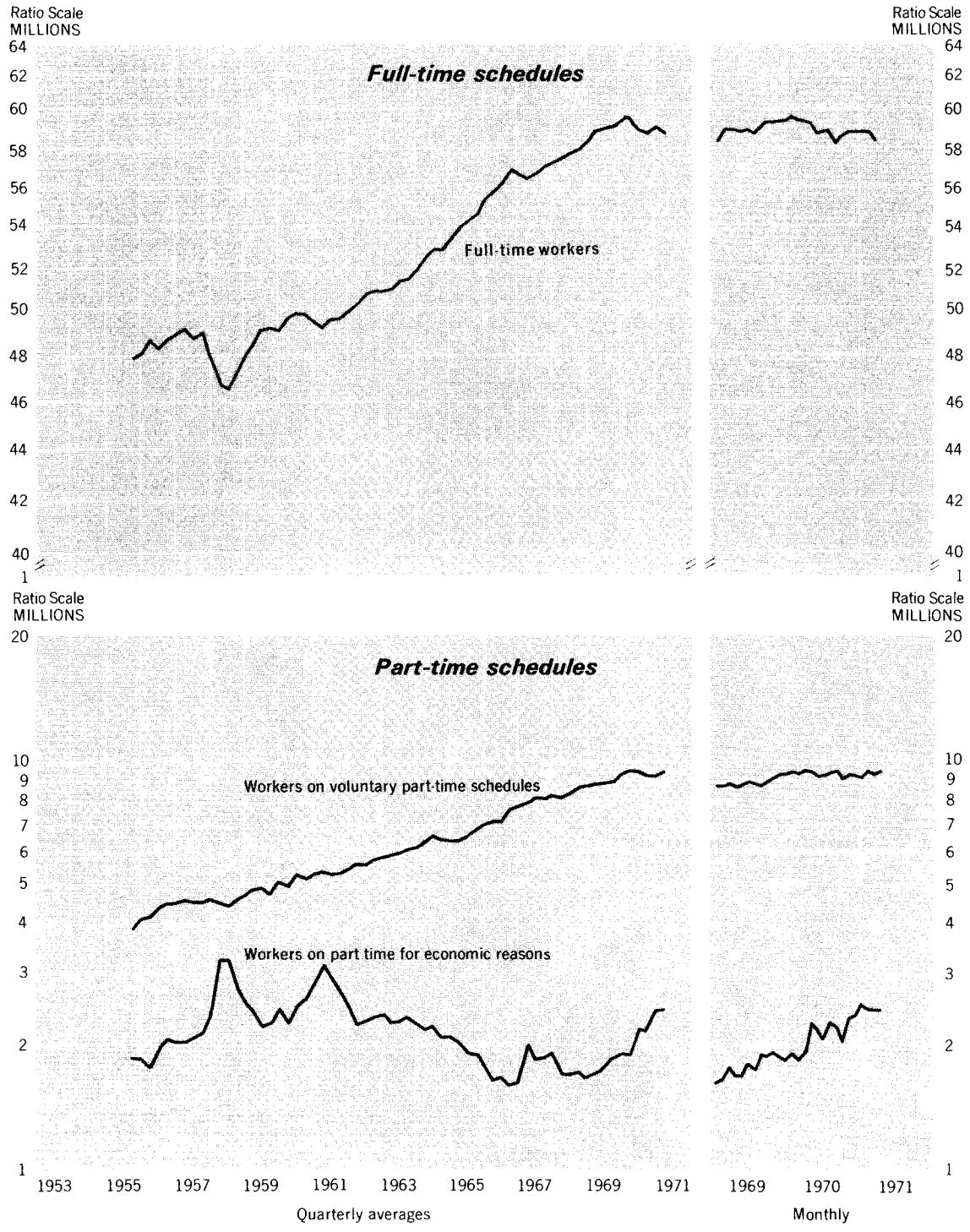
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

**Chart 5. Persons at work full and part time
in nonagricultural industries
1955 to date**
(Seasonally adjusted)

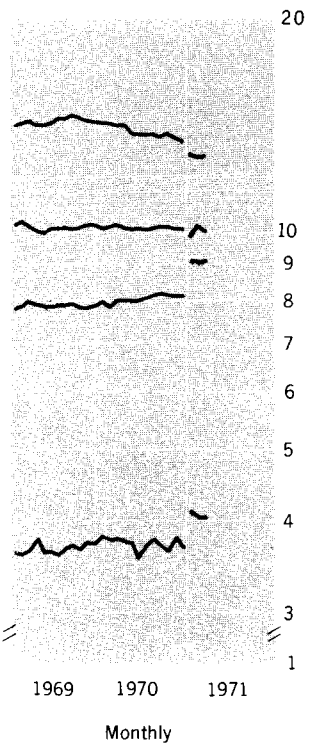
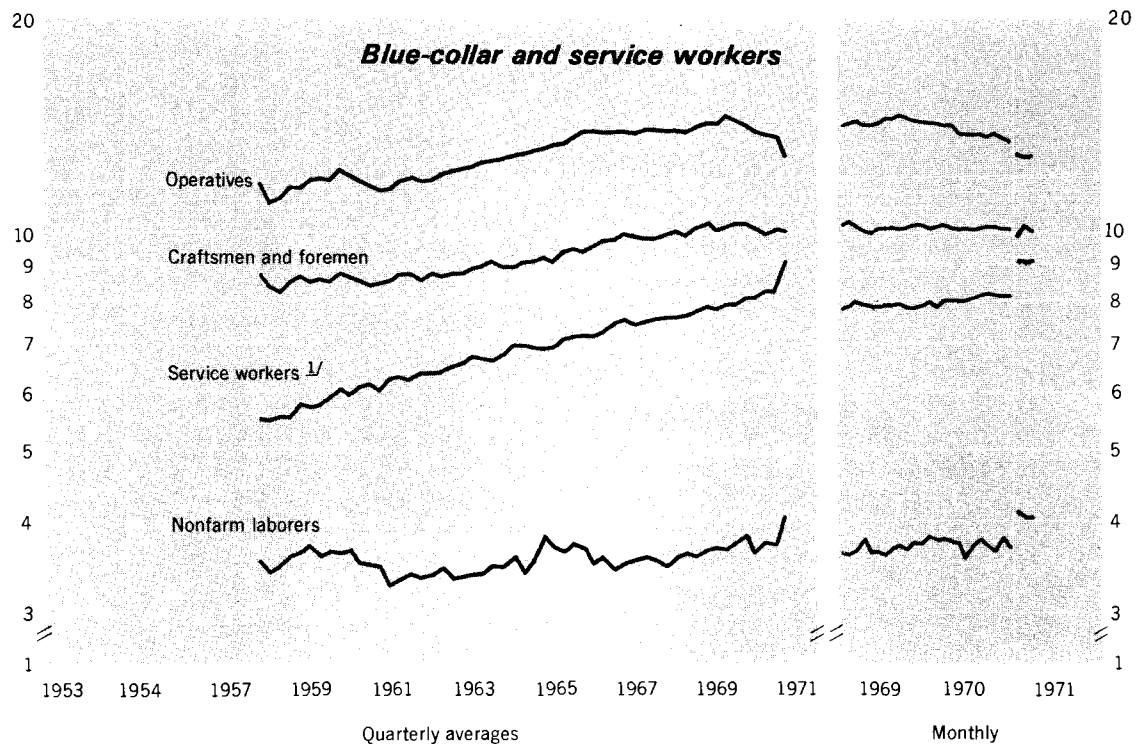
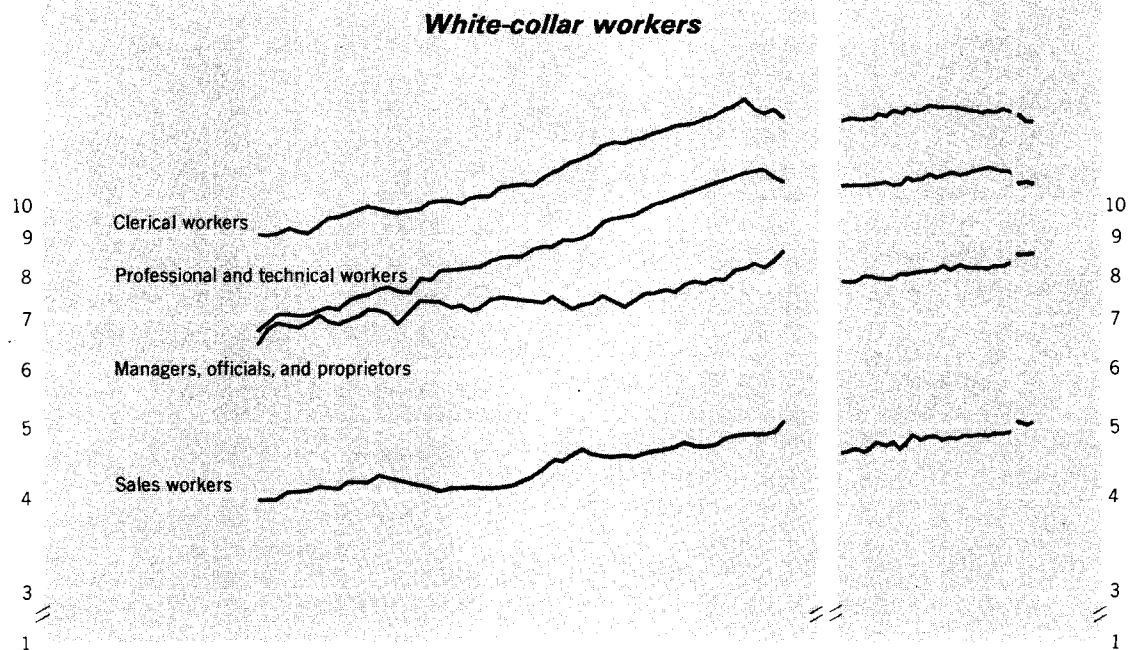


Source: Table A-29 and unpublished data.

**Chart 6. Employment in nonfarm occupations
1958 to date**
(Seasonally adjusted)

Ratio Scale
MILLIONS
20

Ratio Scale
MILLIONS
20

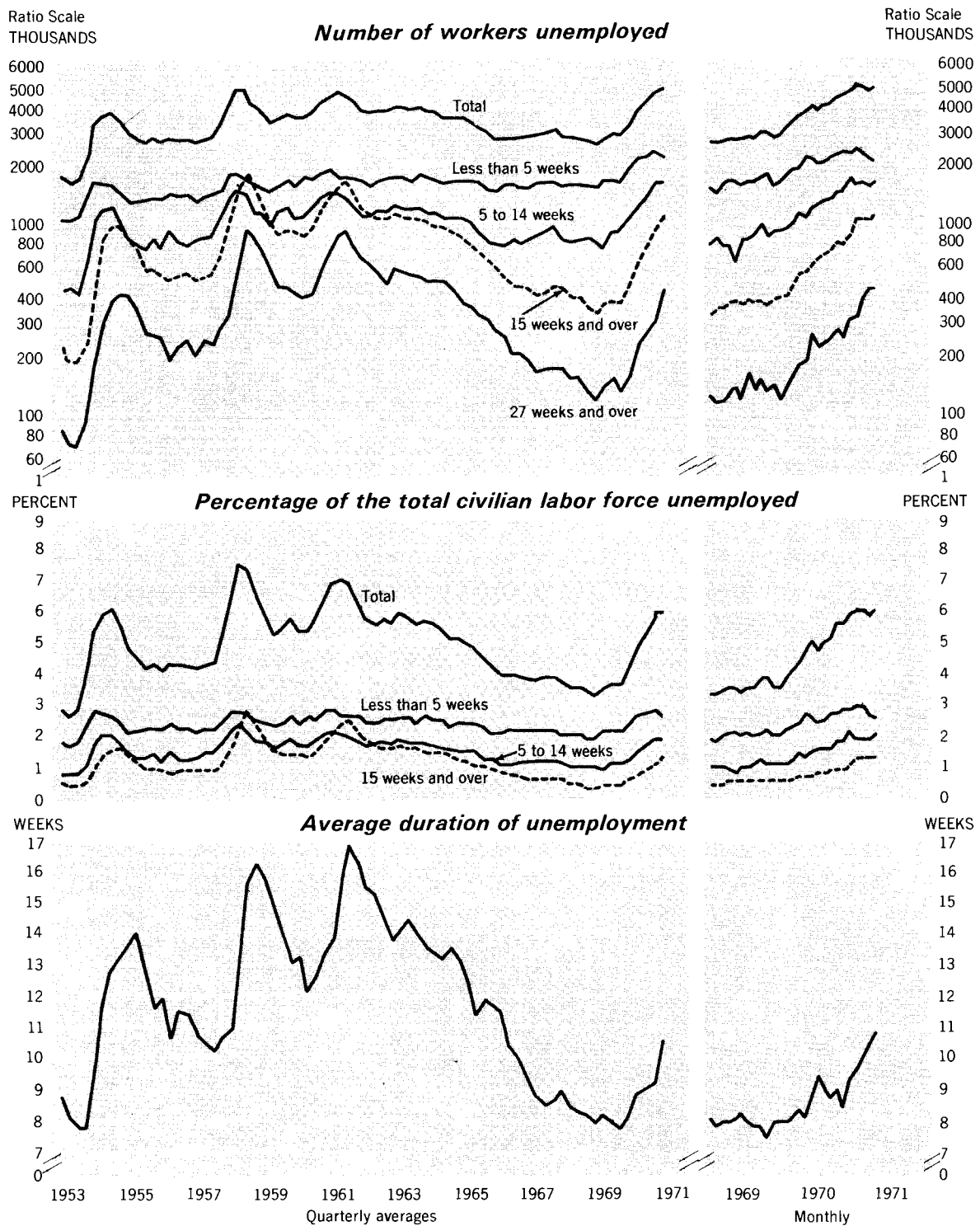


^{1/} Excludes private household workers.

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.

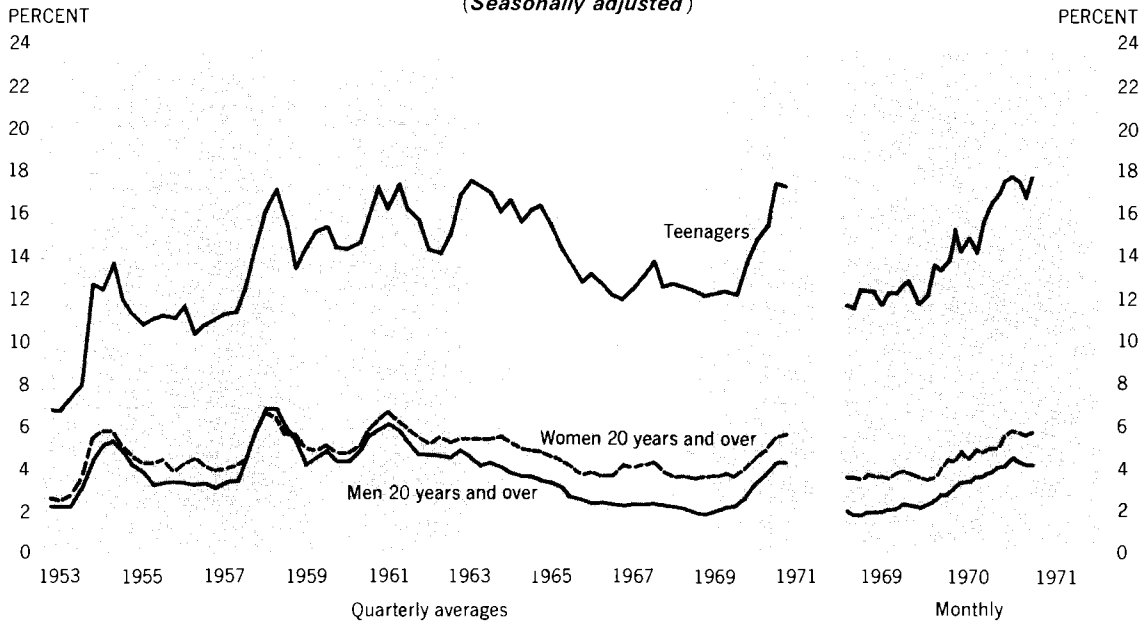
Source: Table A-37.

**Chart 7. Duration of unemployment
1953 to date**
(Seasonally adjusted)



**Chart 8. Unemployment rates by age and sex
1953 to date**

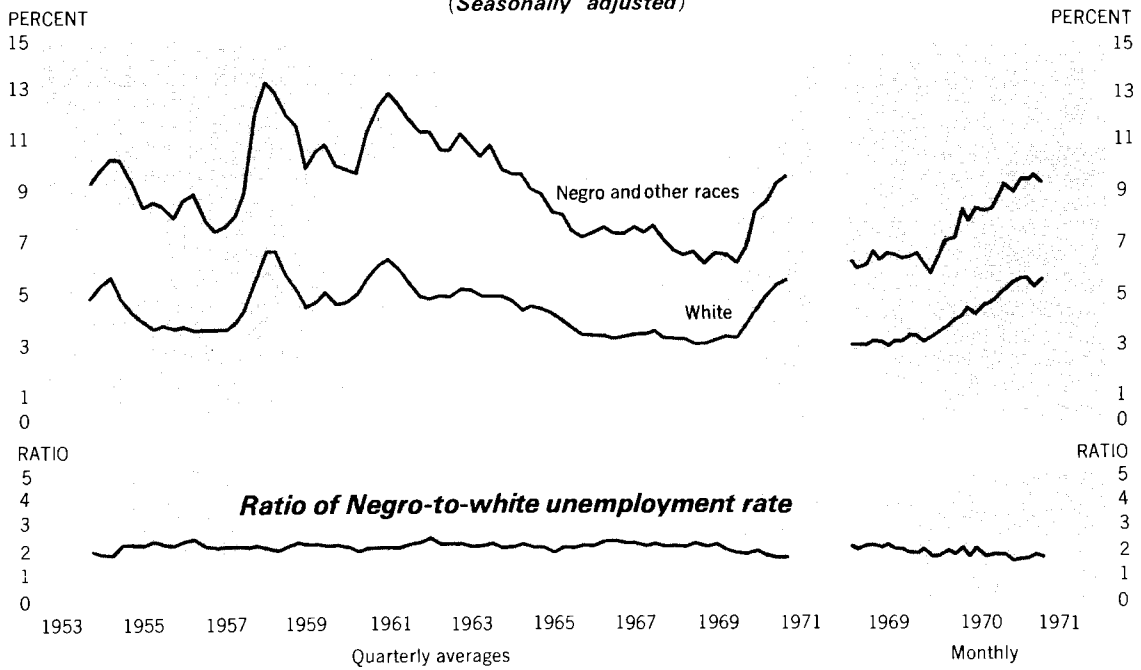
(Seasonally adjusted)



Source: Table A-33.

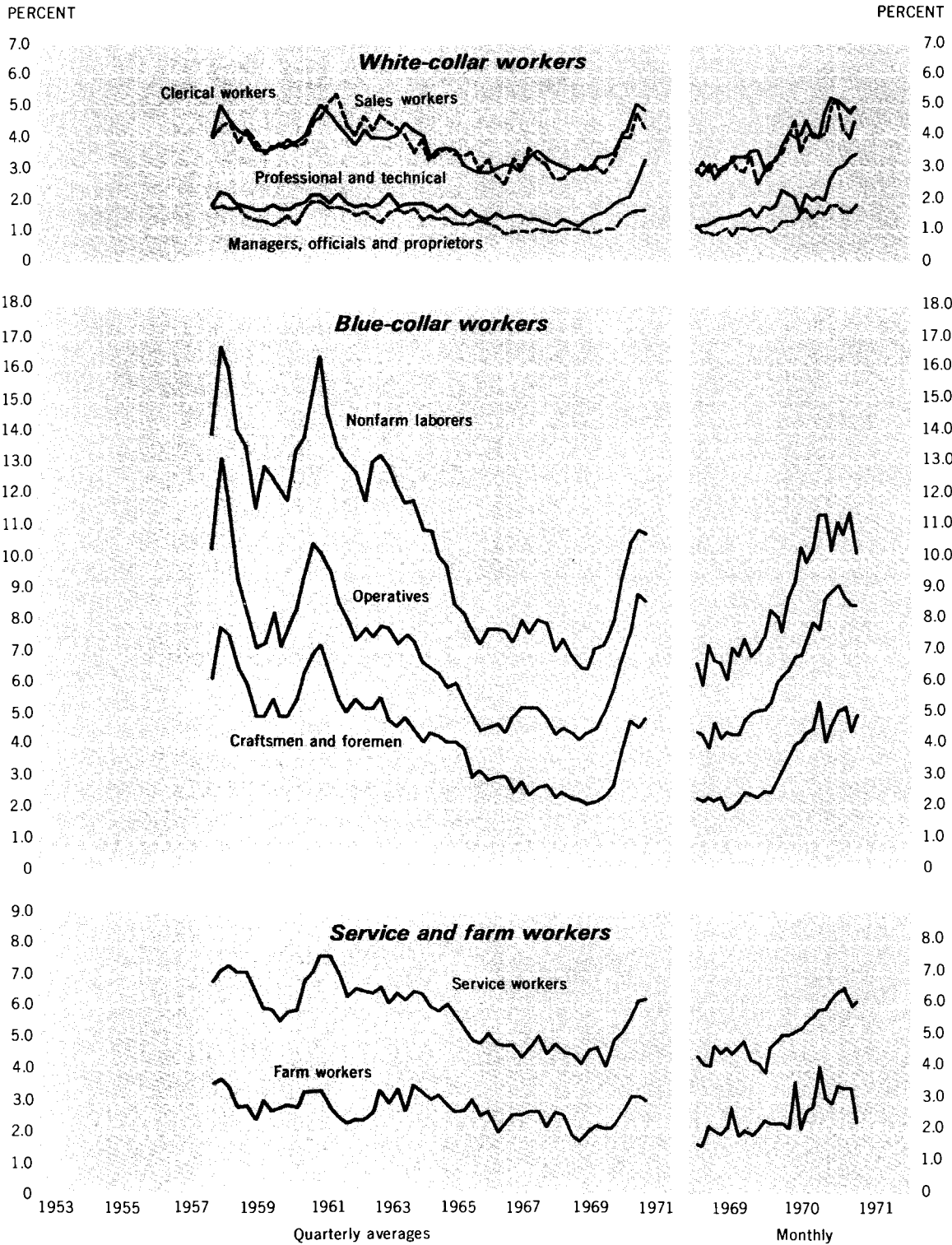
**Chart 9. Unemployment rates by color
1954 to date**

(Seasonally adjusted)

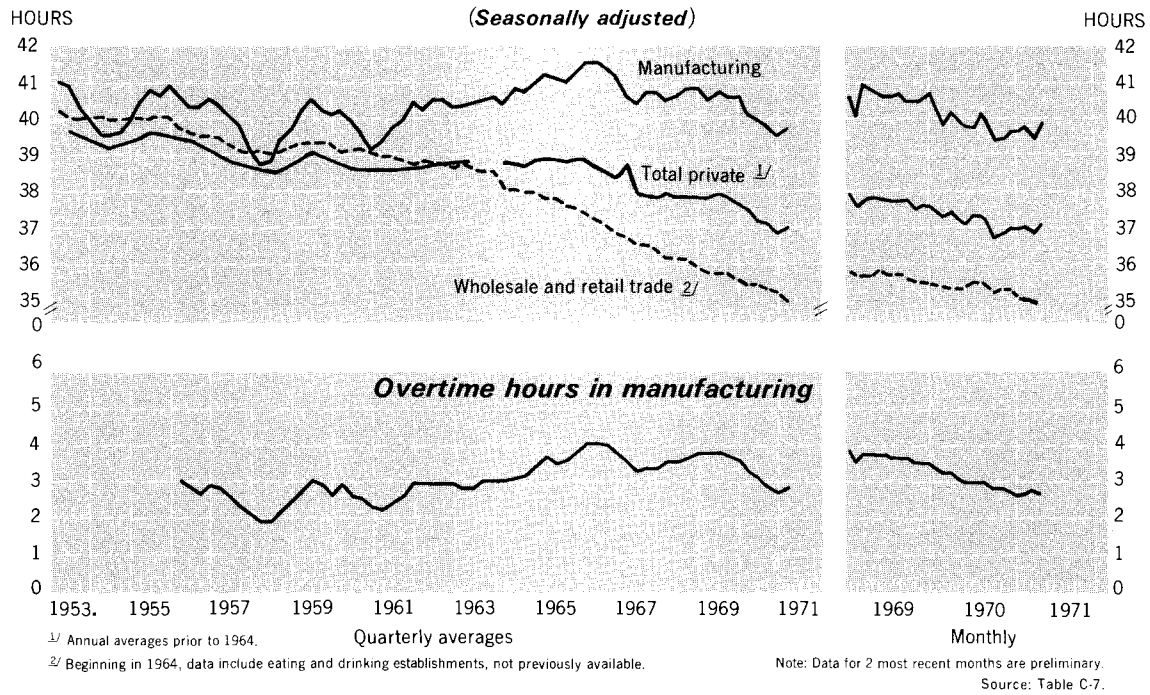


Source: Table A-31.

Chart 10. Unemployment rates by occupation
1958 to date
(Seasonally adjusted)



**Chart 11. Average weekly hours in private nonagricultural establishments, manufacturing, and trade
1953 to date**



**Chart 12. Labor turnover rates in manufacturing
1953 to date**

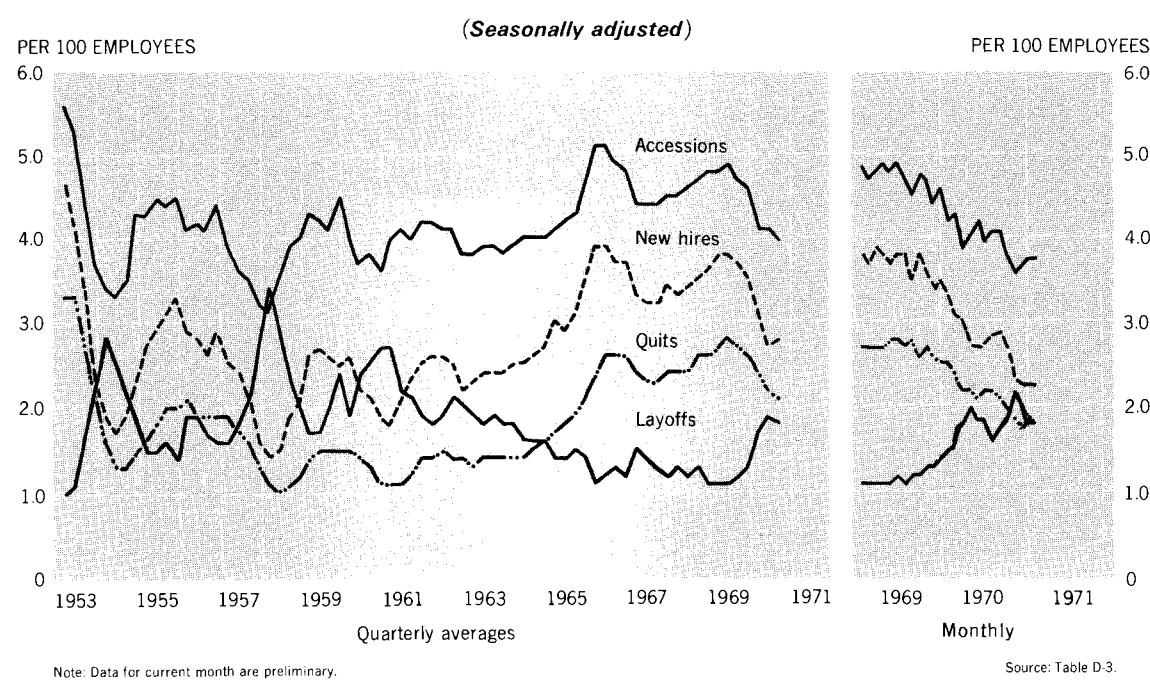


Chart 13. Major compensation trend indicators

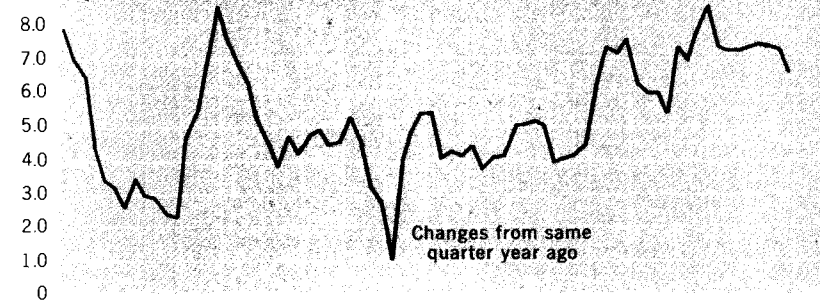
1953 to date

(Seasonally adjusted, at annual rates)

PERCENT CHANGE

11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0

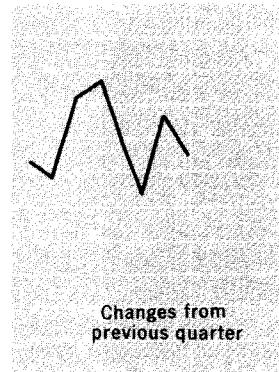
Changes in average hourly compensation of all persons (including the self-employed) in the private economy



Changes from same quarter year ago

PERCENT CHANGE

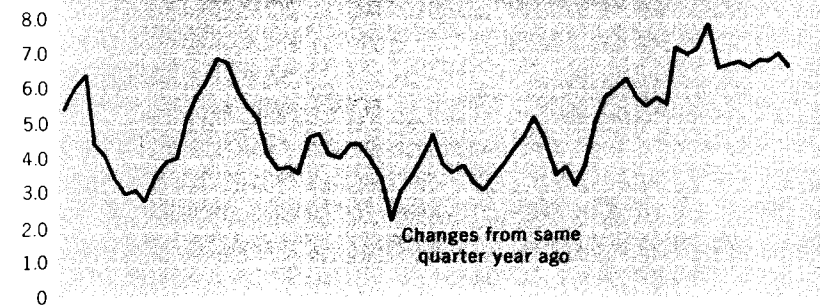
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0



Changes from previous quarter

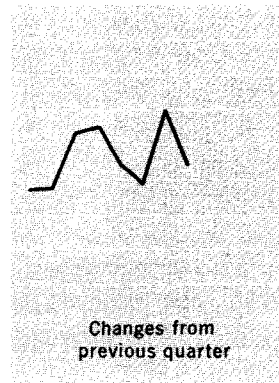
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0

Changes in average hourly compensation of all employees in the private nonfarm economy



Changes from same quarter year ago

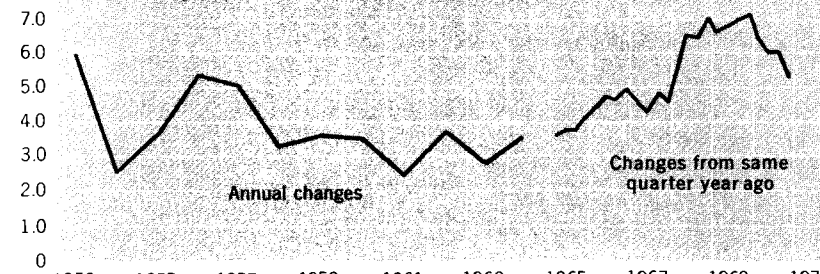
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0



Changes from previous quarter

11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0

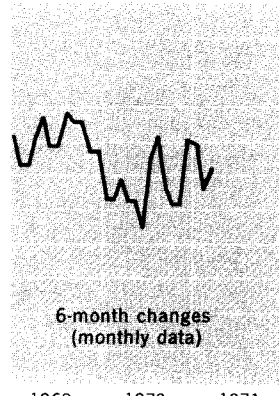
Changes in average hourly earnings of production and nonsupervisory employees in the private nonfarm economy



Annual changes

Changes from same quarter year ago

11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0



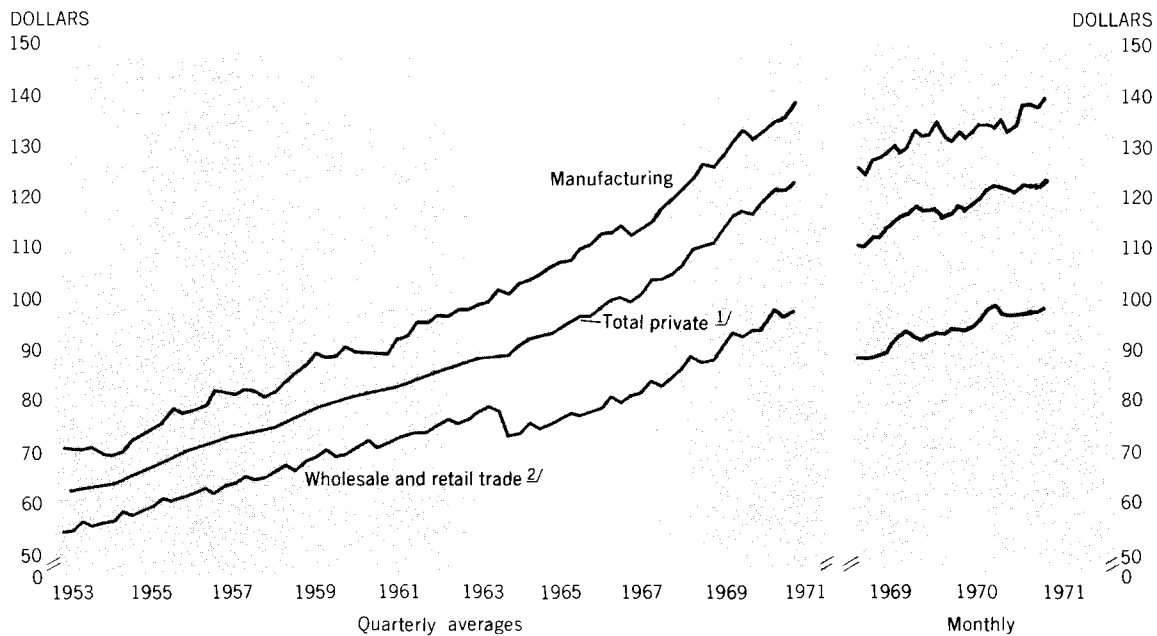
6-month changes (monthly data)

1953 1955 1957 1959 1961 1963 1965 1967 1969 1971

1969 1970 1971

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

Chart 14. Average weekly earnings in private nonagricultural establishments, manufacturing, and trade 1953 to date



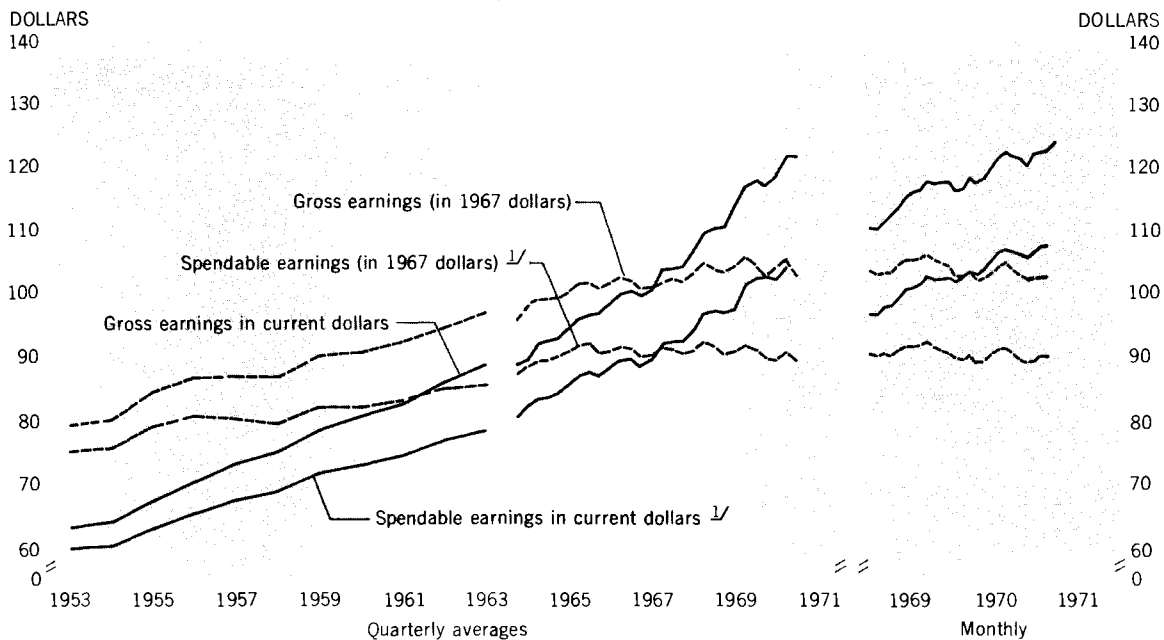
1/ Annual averages prior to 1964.

2/ Beginning in 1964, data include eating and drinking establishments, not previously available.

Note: Data for 2 most recent months are preliminary.

Source: Table C-1.

Chart 15. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date



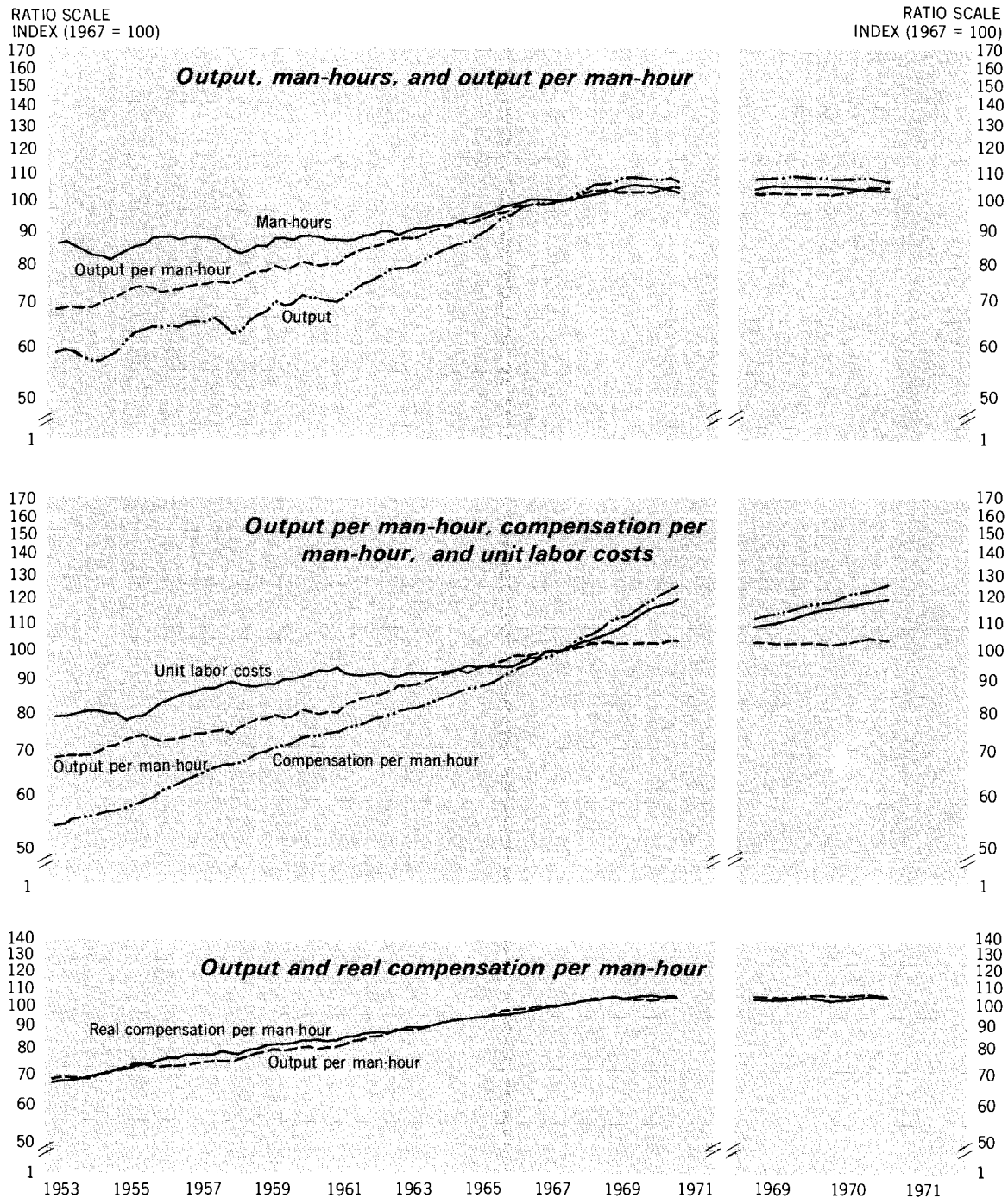
1/ Worker with 3 dependents

NOTE: Data prior to 1964 are annual averages. Data for current month are preliminary.

Source: Table C-5.

**Chart 16. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy
1953 to date**

(Seasonally adjusted quarterly averages)



Source: Table C-10.

Advertisement on page 18 omitted.

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¹ Included in February, May, August, and November issues.

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		
									Not seasonally adjusted		Seasonally adjusted
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	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: March.....	139,497	85,007	60.9	81,689	77,957	3,170	74,787	3,732	4.6	4.4	54,489
July.....	140,259	87,954	62.7	84,800	80,291	4,118	76,173	4,509	5.3	5.0	52,304
August.....	140,468	87,249	62.1	84,115	79,895	3,783	76,112	4,220	5.0	5.1	53,220
September.....	140,675	85,655	60.9	82,546	78,254	3,525	74,729	4,292	5.2	5.4	55,019
October.....	140,886	86,254	61.2	83,175	78,916	3,394	75,522	4,259	5.1	5.5	54,631
November.....	141,091	86,386	61.2	83,347	78,740	3,226	75,514	4,607	5.5	5.9	54,705
December.....	141,301	86,165	61.0	83,152	78,515	2,952	75,563	4,637	5.6	6.2	55,137
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

¹Not available.

HOUSEHOLD DATA

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	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
MALE											
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: March.....	67,098	53,737	80.1	50,459	48,378	2,704	45,674	2,081	4.1	3.7	13,361
1970: November.....	67,824	54,068	79.7	51,068	48,634	2,664	45,970	2,434	4.8	5.2	13,756
1970: December.....	67,920	54,089	79.6	51,116	48,340	2,505	45,835	2,776	5.4	5.6	13,831
1971: January.....	68,009	53,873	79.2	50,938	47,686	2,456	45,230	3,252	6.4	5.4	14,136
1971: February.....	68,085	53,832	79.1	50,922	47,686	2,424	45,262	3,236	6.4	5.2	14,254
1971: March.....	68,185	53,875	79.0	50,987	47,979	2,595	45,383	3,008	5.9	5.3	14,310
FEMALE											
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: March.....	72,398	31,270	43.2	31,230	29,579	466	29,113	1,651	5.3	5.6	41,128
1970: November.....	73,267	32,318	44.1	32,279	30,106	562	29,544	2,173	6.7	7.0	40,949
1970: December.....	73,381	32,076	43.7	32,036	30,175	447	29,728	1,861	5.8	7.1	41,305
1971: January.....	73,490	31,754	43.2	31,714	29,552	421	29,131	2,162	6.8	6.9	41,736
1971: February.....	73,585	31,821	43.2	31,781	29,575	422	29,153	2,206	6.9	6.8	41,763
1971: March.....	73,700	31,723	43.0	31,682	29,515	447	29,068	2,167	6.8	7.2	41,977

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

March 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					
MALE											
16 years and over	53,875	79.0	50,987	47,979	3,008	5.9	14,310	263	4,850	1,667	7,529
16 to 21 years	6,660	59.4	5,552	4,653	899	16.2	4,560	22	4,154	37	346
16 to 19 years	3,939	51.3	3,619	2,983	636	17.6	3,742	16	3,476	21	229
16 and 17 years	1,575	39.9	1,549	1,246	303	19.6	2,370	6	2,262	4	98
18 and 19 years	2,364	63.3	2,070	1,737	333	16.1	1,372	10	1,213	17	131
20 to 64 years	47,902	91.5	45,332	43,046	2,286	5.0	4,440	98	1,375	1,039	1,928
20 to 24 years	7,366	83.7	5,864	5,213	651	11.1	1,437	14	1,127	42	255
25 to 54 years	33,361	95.7	32,297	30,954	1,342	4.2	1,511	42	245	542	683
25 to 29 years	6,591	95.2	6,215	5,855	360	5.8	335	5	168	60	101
30 to 34 years	5,533	97.2	5,271	5,036	235	4.5	161	5	37	49	69
35 to 39 years	5,208	96.9	4,959	4,778	181	3.6	166	13	16	69	67
40 to 44 years	5,485	96.2	5,371	5,199	173	3.2	217	7	11	80	119
45 to 49 years	5,564	95.1	5,521	5,329	193	3.5	288	7	6	123	152
50 to 54 years	4,979	93.5	4,959	4,759	201	4.0	345	5	6	159	175
55 to 64 years	7,175	82.8	7,171	6,878	293	4.1	1,492	43	4	455	991
55 to 59 years	4,230	89.1	4,227	4,051	176	4.2	520	12	3	216	288
60 to 64 years	2,944	75.2	2,944	2,827	117	4.0	972	31	1	238	702
65 years and over	2,035	24.9	2,035	1,950	85	4.2	6,128	149	-	607	5,372
65 to 69 years	1,192	38.4	1,192	1,129	62	5.2	1,913	40	-	194	1,679
70 years and over	844	16.7	844	821	23	2.7	4,214	109	-	413	3,693
White											
16 years and over	48,429	79.5	45,863	43,307	2,556	5.6	12,525	217	4,152	1,339	6,818
16 to 21 years	5,867	60.3	4,883	4,158	725	14.8	3,863	18	3,532	29	283
16 to 19 years	3,514	52.8	3,229	2,703	526	16.3	3,140	14	2,922	18	186
16 and 17 years	1,433	42.0	1,409	1,150	260	18.4	1,976	6	1,893	4	74
18 and 19 years	2,081	64.1	1,819	1,553	266	14.6	1,164	9	1,029	14	112
20 to 64 years	43,060	91.9	40,779	38,830	1,949	4.8	3,770	66	1,230	815	1,660
20 to 24 years	6,459	83.6	5,114	4,582	532	10.4	1,266	9	1,015	30	213
25 to 54 years	30,033	96.2	29,100	27,941	1,159	4.0	1,180	26	212	409	534
25 to 29 years	10,809	96.5	10,251	9,732	519	5.1	391	6	180	80	125
30 to 34 years	9,612	97.0	9,295	8,999	297	3.2	293	12	20	120	141
35 to 44 years	9,611	95.1	9,554	9,210	344	3.6	496	8	11	210	268
55 to 64 years	6,568	83.2	6,565	6,307	258	3.9	1,324	31	4	376	914
55 to 59 years	3,866	89.6	3,863	3,706	157	4.1	450	9	3	175	263
60 to 64 years	2,702	75.6	2,702	2,600	101	3.7	874	22	1	201	651
65 years and over	1,855	24.8	1,855	1,774	81	4.4	5,615	137	-	506	4,972
Negro and other races											
16 years and over	5,447	75.3	5,124	4,671	452	8.8	1,784	46	698	328	712
16 to 21 years	793	53.2	669	495	174	26.0	697	4	622	8	63
16 to 19 years	425	41.4	391	280	111	28.4	602	2	553	3	43
16 and 17 years	142	26.5	140	96	43	31.1	394	1	369	-	24
18 and 19 years	283	57.6	251	184	67	26.9	208	1	184	3	19
20 to 64 years	4,842	87.8	4,553	4,217	337	7.4	670	32	145	223	269
20 to 24 years	907	84.1	751	631	119	15.9	171	5	112	12	42
25 to 54 years	3,328	91.0	3,196	3,014	183	5.7	330	15	33	132	150
25 to 29 years	1,315	92.7	1,235	1,158	77	6.2	104	4	25	30	45
30 to 34 years	1,082	92.3	1,034	978	57	5.5	90	8	7	30	45
35 to 44 years	932	87.2	927	878	49	5.3	136	4	1	73	59
55 to 64 years	606	78.3	606	571	35	5.7	168	12	-	79	77
55 to 59 years	364	83.9	364	344	19	5.3	70	3	-	42	25
60 to 64 years	242	71.2	242	227	15	6.4	98	9	-	37	52
65 years and over	180	25.9	180	175	4	2.4	513	12	-	102	399

A- 3: Employment status of the noninstitutional population by sex, age, and color--Continued
 March 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					
FEMALE											
16 years and over	31,723	43.0	31,682	29,515	2,167	6.8	41,977	34,850	4,618	945	1,563
16 to 21 years	4,911	44.6	4,892	4,182	710	14.5	6,111	1,680	4,217	22	191
16 to 19 years	2,981	39.6	2,972	2,466	506	17.0	4,547	804	3,592	14	136
16 and 17 years	1,204	31.2	1,204	990	213	17.7	2,656	210	2,371	8	67
18 and 19 years	1,777	48.5	1,768	1,475	293	16.6	1,891	594	1,221	6	69
20 to 64 years	27,694	50.3	27,662	26,031	1,630	5.9	27,392	25,302	1,017	344	728
20 to 24 years	4,935	56.4	4,915	4,437	478	9.7	3,808	2,878	806	20	103
25 to 54 years	18,465	50.5	18,453	17,450	1,003	5.4	18,106	17,318	200	172	416
25 to 29 years	3,221	45.8	3,216	2,978	238	7.4	3,804	3,631	82	22	71
30 to 34 years	2,719	46.3	2,717	2,525	192	7.1	3,157	3,027	44	16	71
35 to 39 years	2,808	50.3	2,806	2,658	148	5.3	2,769	2,668	27	23	52
40 to 44 years	3,197	53.2	3,195	3,041	154	4.8	2,813	2,675	23	33	82
45 to 49 years	3,480	55.3	3,479	3,311	168	4.8	2,809	2,680	18	26	84
50 to 54 years	3,040	52.5	3,039	2,937	102	3.4	2,753	2,638	7	53	56
55 to 64 years	4,294	43.9	4,294	4,144	149	3.5	5,479	5,106	11	152	210
55 to 59 years	2,557	48.7	2,557	2,472	85	3.3	2,697	2,525	8	77	88
60 to 64 years	1,737	38.4	1,737	1,673	64	3.7	2,781	2,581	3	75	121
65 years and over	1,048	9.5	1,048	1,018	31	2.9	10,038	8,744	8	587	699
65 to 69 years	641	17.0	641	619	22	3.4	3,128	2,894	4	83	147
70 years and over	407	5.6	407	399	9	2.1	6,910	5,850	4	504	552
White											
16 years and over	27,709	42.4	27,673	25,917	1,755	6.3	37,708	31,676	3,895	739	1,398
16 to 21 years	4,370	46.1	4,353	3,783	570	13.1	5,110	1,391	3,551	21	148
16 to 19 years	2,680	41.4	2,672	2,264	408	15.3	3,790	647	3,015	14	115
16 and 17 years	1,099	33.2	1,099	920	179	16.3	2,211	165	1,985	7	54
18 and 19 years	1,581	50.0	1,573	1,344	229	14.6	1,579	482	1,030	7	61
20 to 64 years	24,071	49.4	24,043	22,721	1,320	5.5	24,663	22,919	874	243	628
20 to 24 years	4,298	56.6	4,281	3,913	368	8.6	3,301	2,517	684	15	75
25 to 54 years	15,887	49.2	15,876	15,051	825	5.2	16,380	15,730	168	120	363
25 to 29 years	4,966	44.0	4,960	4,622	338	6.8	6,323	6,079	105	23	116
30 to 34 years	5,127	50.5	5,124	4,876	248	4.8	5,033	4,836	42	42	113
35 to 39 years	5,794	53.6	5,792	5,554	239	4.1	5,024	4,814	21	55	134
40 to 44 years	3,886	43.8	3,886	3,758	128	3.3	4,981	4,673	11	107	189
45 to 49 years	2,294	48.3	2,294	2,223	71	3.1	2,453	2,316	8	49	79
50 to 54 years	1,592	38.6	1,592	1,535	57	3.6	2,529	2,357	3	59	110
55 years and over	958	9.4	958	932	27	2.8	9,255	8,110	7	482	656
Negro and other races											
16 years and over	4,014	48.5	4,009	3,598	412	10.3	4,268	3,174	723	206	165
16 to 21 years	542	35.1	539	399	140	25.9	1,000	289	667	1	43
16 to 19 years	301	28.5	300	202	98	32.7	756	157	578	-	21
16 and 17 years	104	19.0	104	70	35	33.1	444	45	387	-	13
18 and 19 years	197	38.7	195	132	63	32.5	312	113	191	-	9
20 to 64 years	3,623	57.0	3,619	3,310	310	8.6	2,729	2,383	144	102	100
20 to 24 years	637	55.7	635	524	111	17.4	506	362	112	5	28
25 to 54 years	2,578	59.9	2,577	2,399	178	6.9	1,725	1,589	32	52	52
25 to 34 years	974	60.4	973	881	92	9.4	639	578	20	14	26
35 to 39 years	878	61.5	877	822	55	6.3	549	507	8	14	21
40 to 44 years	727	57.5	726	695	31	4.3	538	504	4	24	6
45 to 54 years	407	45.0	407	387	21	5.0	497	432	-	45	20
55 to 59 years	263	51.8	263	249	14	5.4	245	208	-	28	9
60 to 64 years	144	36.4	144	138	6	4.4	252	224	-	17	11
65 years and over	90	10.3	90	86	4	4.5	783	634	1	105	43

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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
MALE								
16 years and over	53,875	53,737	79.0	80.1	50,987	50,459	78.1	79.1
16 to 19 years	3,939	4,021	51.3	53.8	3,619	3,603	49.2	51.1
16 and 17 years	1,575	1,605	39.9	41.7	1,549	1,571	39.5	41.2
18 and 19 years	2,364	2,416	63.3	66.7	2,070	2,033	60.1	62.8
20 to 24 years	7,366	7,106	83.7	84.5	5,864	5,367	80.3	80.4
25 to 54 years	33,361	33,274	95.7	96.2	32,297	32,157	95.5	96.1
25 to 34 years	12,124	11,898	96.1	96.7	11,486	11,211	95.9	96.5
35 to 44 years	10,694	10,874	96.5	97.2	10,330	10,517	96.4	97.1
45 to 54 years	10,543	10,502	94.3	94.6	10,481	10,428	94.3	94.6
55 to 64 years	7,175	7,146	82.8	83.4	7,171	7,142	82.8	83.4
55 to 59 years	4,230	4,211	89.1	89.5	4,227	4,208	89.0	89.5
60 to 64 years	2,944	2,935	75.2	76.0	2,944	2,934	75.2	76.0
65 years and over	2,035	2,191	24.9	27.2	2,035	2,191	24.9	27.2
White								
16 years and over	48,429	48,347	79.5	80.5	45,863	45,391	78.5	79.5
16 to 19 years	3,514	3,567	52.8	55.1	3,229	3,189	50.7	52.3
16 and 17 years	1,433	1,462	42.0	43.9	1,409	1,431	41.6	43.4
18 and 19 years	2,081	2,105	64.1	66.9	1,819	1,758	61.0	62.8
20 to 24 years	6,459	6,249	83.6	84.4	5,114	4,666	80.2	80.2
25 to 54 years	30,033	29,968	96.2	96.7	29,100	28,976	96.1	96.6
25 to 34 years	10,809	10,618	96.5	97.1	10,251	10,010	96.3	96.9
35 to 44 years	9,612	9,771	97.0	97.5	9,295	9,457	96.9	97.4
45 to 54 years	9,611	9,579	95.1	95.4	9,554	9,510	95.1	95.3
55 to 64 years	6,568	6,549	83.2	84.0	6,565	6,545	83.2	84.0
55 to 59 years	3,866	3,854	89.6	90.2	3,863	3,851	89.6	90.2
60 to 64 years	2,702	2,695	75.6	76.5	2,702	2,695	75.6	76.5
65 years and over	1,855	2,014	24.8	27.3	1,855	2,014	24.8	27.3
Negro and other races								
16 years and over	5,447	5,390	75.3	76.6	5,124	5,069	74.2	75.4
16 to 19 years	425	454	41.4	45.8	391	415	39.3	43.5
16 and 17 years	142	143	26.5	27.8	140	139	26.2	27.3
18 and 19 years	283	311	57.6	65.2	251	275	54.7	62.3
20 to 24 years	907	857	84.1	85.0	751	701	81.5	82.3
25 to 54 years	3,328	3,306	91.0	92.0	3,196	3,180	90.6	91.7
25 to 34 years	1,315	1,280	92.7	93.6	1,235	1,201	92.2	93.2
35 to 44 years	1,082	1,103	92.3	94.2	1,034	1,061	92.0	93.9
45 to 54 years	932	923	87.2	87.6	927	918	87.2	87.5
55 to 64 years	606	597	78.3	77.9	606	597	78.3	77.9
55 to 59 years	364	357	83.9	83.0	364	357	83.9	83.0
60 to 64 years	242	240	71.2	71.3	242	240	71.2	71.3
65 years and over	180	176	25.9	25.9	180	176	25.9	25.9

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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
FEMALE								
16 years and over	31,723	31,270	43.0	43.2	31,682	31,230	43.0	43.2
16 to 19 years	2,981	2,892	39.6	39.5	2,972	2,882	39.5	39.5
16 and 17 years	1,204	1,167	31.2	31.0	1,204	1,166	31.2	31.0
18 and 19 years	1,777	1,725	48.5	48.5	1,768	1,716	48.3	48.4
20 to 24 years	4,935	4,790	56.4	57.2	4,915	4,771	56.3	57.1
25 to 54 years	18,465	18,276	50.5	50.4	18,453	18,264	50.5	50.4
25 to 34 years	5,940	5,742	46.0	45.6	5,933	5,735	46.0	45.6
35 to 44 years	6,005	6,017	51.8	51.3	6,001	6,014	51.8	51.3
45 to 54 years	6,520	6,517	54.0	54.4	6,519	6,515	54.0	54.4
55 to 64 years	4,294	4,198	43.9	43.7	4,294	4,198	43.9	43.7
55 to 59 years	2,557	2,568	48.7	49.6	2,557	2,568	48.7	49.6
60 to 64 years	1,737	1,630	38.4	36.9	1,737	1,630	38.4	36.9
65 years and over	1,048	1,114	9.5	10.3	1,048	1,114	9.5	10.3
White								
16 years and over	27,709	27,332	42.4	42.5	27,673	27,296	42.3	42.4
16 to 19 years	2,680	2,613	41.4	41.5	2,672	2,605	41.3	41.4
16 and 17 years	1,099	1,073	33.2	33.1	1,099	1,073	33.2	33.1
18 and 19 years	1,581	1,541	50.0	50.3	1,573	1,532	49.9	50.2
20 to 24 years	4,298	4,184	56.6	57.3	4,281	4,167	56.5	57.2
25 to 54 years	15,887	15,757	49.2	49.2	15,876	15,746	49.2	49.1
25 to 34 years	4,966	4,811	44.0	43.6	4,960	4,805	44.0	43.6
35 to 44 years	5,127	5,157	50.5	50.1	5,124	5,154	50.4	50.1
45 to 54 years	5,794	5,788	53.6	53.9	5,792	5,787	53.5	53.9
55 to 64 years	3,886	3,772	43.8	43.3	3,886	3,772	43.8	43.3
55 to 59 years	2,294	2,285	48.3	48.8	2,294	2,285	48.3	48.8
60 to 64 years	1,592	1,486	38.6	36.8	1,592	1,486	38.6	36.8
65 years and over	958	1,006	9.4	10.1	958	1,006	9.4	10.1
Negro and other races								
16 years and over	4,014	3,938	48.5	49.0	4,009	3,935	48.4	49.0
16 to 19 years	301	279	28.5	27.4	300	278	28.4	27.3
16 and 17 years	104	94	19.0	17.9	104	94	19.0	17.9
18 and 19 years	197	185	38.7	37.4	195	183	38.5	37.3
20 to 24 years	637	606	55.7	56.6	635	604	55.6	56.5
25 to 54 years	2,578	2,519	59.9	59.7	2,577	2,519	59.9	59.7
25 to 34 years	974	931	60.4	59.8	973	930	60.4	59.8
35 to 44 years	878	860	61.5	60.4	877	860	61.5	60.4
45 to 54 years	727	729	57.5	58.8	726	729	57.5	58.8
55 to 64 years	407	426	45.0	48.4	407	426	45.0	48.4
55 to 59 years	263	283	51.8	56.9	263	283	51.8	56.9
60 to 64 years	144	144	36.4	37.4	144	144	36.4	37.4
65 years and over	90	108	10.3	12.7	90	108	10.3	12.7

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex
 March 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	22,242	11,219	11,022	19,210	9,730	9,480	3,031	1,489	1,542
Total labor force	11,571	6,660	4,911	10,237	5,867	4,370	1,334	793	542
Percent of population	52.0	59.4	44.6	53.3	60.3	46.1	44.0	53.2	35.1
Civilian labor force	10,444	5,552	4,892	9,236	4,883	4,353	1,208	669	539
Employed	8,835	4,653	4,182	7,941	4,158	3,783	894	495	399
Agriculture	380	331	48	350	305	46	29	26	3
Nonagricultural industries	8,455	4,322	4,133	7,590	3,853	3,737	865	468	396
Unemployed	1,609	899	710	1,295	725	570	314	174	140
Percent of labor force	15.4	16.2	14.5	14.0	14.8	13.1	26.0	26.0	25.9
Looking for full-time work	941	506	435	730	380	350	210	126	84
Looking for part-time work	668	393	275	565	345	220	103	48	55
Not in labor force	10,670	4,560	6,111	8,973	3,863	5,110	1,697	697	1,000
Major activity: going to school									
Civilian labor force	3,300	1,807	1,492	3,016	1,660	1,356	283	147	136
Employed	2,628	1,415	1,214	2,445	1,320	1,126	183	95	88
Agriculture	153	131	23	146	124	23	7	7	--
Nonagricultural industries	2,475	1,284	1,191	2,299	1,196	1,103	176	88	88
Unemployed	671	393	279	571	341	230	101	52	49
Percent of labor force	20.3	21.7	18.7	18.9	20.5	17.0	35.5	35.3	35.7
Looking for full-time work	72	30	42	58	23	35	14	7	6
Looking for part-time work	600	363	237	513	318	195	87	45	42
Not in labor force	8,372	4,154	4,217	7,083	3,532	3,551	1,289	622	667
Major activity: other									
Civilian labor force	7,144	3,745	3,399	6,220	3,223	2,997	924	522	403
Employed	6,206	3,238	2,968	5,495	2,839	2,657	711	400	311
Agriculture	226	201	26	204	181	23	22	19	3
Nonagricultural industries	5,980	3,038	2,942	5,291	2,657	2,634	689	380	308
Unemployed	938	507	431	725	384	340	213	122	91
Percent of labor force	13.1	13.5	12.7	11.6	11.9	11.3	23.1	23.4	22.6
Looking for full-time work	869	476	393	673	357	315	197	119	78
Looking for part-time work	68	31	38	52	27	25	16	3	13
Not in labor force	2,299	405	1,893	1,890	330	1,560	408	75	334

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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
	Total							
Total noninstitutional population	141,885	139,497	60,504	59,631	66,172	65,082	15,209	14,784
Total labor force	85,598	85,007	49,937	49,716	28,742	28,278	6,920	6,913
Percent of population	60.3	60.9	82.5	83.4	43.4	43.6	45.5	46.8
Civilian labor force	82,668	81,689	47,367	46,856	28,710	28,348	6,591	6,485
Employed	77,493	77,957	44,996	45,250	27,049	27,084	5,448	5,623
Agriculture	3,042	3,170	2,324	2,423	412	440	305	307
Nonagricultural industries	74,452	74,787	42,671	42,827	26,637	26,644	5,143	5,316
Unemployed	5,175	3,732	2,371	1,606	1,661	1,264	1,142	862
Percent of labor force	6.3	4.6	5.0	3.4	5.8	4.5	17.3	13.3
Not in labor force	56,286	54,489	10,568	9,914	37,430	36,704	8,289	7,871
White								
Total noninstitutional population	126,372	124,419	54,300	53,581	58,947	58,064	13,125	12,774
Total labor force	76,138	75,679	44,915	44,780	25,029	24,719	6,194	6,181
Percent of population	60.2	60.8	82.7	83.6	42.5	42.6	47.2	48.4
Civilian labor force	73,536	72,687	42,634	42,202	25,001	24,691	5,901	5,794
Employed	69,224	69,605	40,604	40,847	23,653	23,670	4,967	5,088
Agriculture	2,761	2,896	2,093	2,202	386	419	282	275
Nonagricultural industries	66,463	66,710	38,511	38,646	23,267	23,251	4,685	4,813
Unemployed	4,311	3,082	2,030	1,355	1,347	1,021	934	706
Percent of labor force	5.9	4.2	4.8	3.2	5.4	4.1	15.8	12.2
Not in labor force	50,234	48,740	9,385	8,801	33,918	33,346	6,930	6,593
Negro and other races								
Total noninstitutional population	15,513	15,077	6,205	6,049	7,225	7,018	2,084	2,010
Total labor force	9,460	9,328	5,022	4,936	3,713	3,660	726	733
Percent of population	61.0	61.9	80.9	81.6	51.4	52.1	34.8	36.4
Civilian labor force	9,133	9,004	4,733	4,654	3,709	3,657	690	693
Employed	8,269	8,353	4,392	4,403	3,396	3,414	481	536
Agriculture	281	275	231	221	26	22	24	33
Nonagricultural industries	7,988	8,076	4,160	4,182	3,370	3,392	458	502
Unemployed	864	651	341	251	314	243	209	157
Percent of labor force	9.5	7.2	7.2	5.4	8.5	6.6	30.3	22.7
Not in labor force	6,053	5,749	1,183	1,113	3,512	3,358	1,358	1,278

HOUSEHOLD DATA

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

March 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 ¹	Unemployed (looking for part-time work)	
		Full- time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
16 years and over	69,896	63,221	2,607	4,068	5.8	12,772	11,666	1,107	8.7
16 to 21 years	5,780	4,403	436	941	16.3	4,664	3,995	668	14.3
16 to 19 years	2,802	1,981	261	559	20.0	3,789	3,206	583	15.4
16 and 17 years	423	236	50	137	32.4	2,329	1,950	379	16.3
18 and 19 years	2,378	1,745	211	422	17.7	1,460	1,256	204	14.0
20 years and over	67,094	61,240	2,345	3,509	5.2	8,983	8,460	523	5.8
20 to 24 years	9,120	7,781	376	963	10.6	1,660	1,493	167	10.1
25 years and over	57,974	53,459	1,969	2,546	4.4	7,323	6,967	356	4.9
25 to 54 years	45,957	42,404	1,452	2,100	4.6	4,794	4,548	245	5.1
55 years and over	12,018	11,054	517	446	3.7	2,530	2,419	112	4.4
MALE									
16 years and over	46,430	42,646	1,322	2,463	5.3	4,556	4,011	545	12.0
16 to 21 years	3,104	2,359	239	506	16.3	2,448	2,055	393	16.1
16 to 19 years	1,564	1,125	145	294	18.8	2,055	1,713	343	16.7
20 years and over	44,866	41,521	1,177	2,169	4.8	2,501	2,298	202	8.1
20 to 24 years	5,089	4,339	191	558	11.0	776	683	93	12.0
25 years and over	39,777	37,182	986	1,611	4.1	1,725	1,615	109	6.3
25 to 54 years	31,692	29,680	717	1,295	4.1	604	558	47	7.8
55 years and over	8,086	7,501	269	315	3.9	1,120	1,058	63	5.6
FEMALE									
16 years and over	23,466	20,575	1,285	1,605	6.8	8,216	7,654	562	6.8
16 to 21 years	2,676	2,044	197	435	16.2	2,215	1,940	275	12.4
16 to 19 years	1,238	856	117	265	21.4	1,734	1,493	241	13.9
20 years and over	22,228	19,719	1,168	1,340	6.0	6,482	6,161	321	5.0
20 to 24 years	4,031	3,442	186	404	10.0	884	810	74	8.4
25 years and over	18,197	16,277	982	936	5.1	5,598	5,351	247	4.4
25 to 54 years	14,264	12,725	735	805	5.6	4,189	3,990	199	4.8
55 years and over	3,932	3,553	248	132	3.4	1,410	1,361	48	3.4

¹ 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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total, 16 years and over	3,008	2,081	5.9	4.1	2,167	1,651	6.8	5.3
16 to 19 years	636	475	17.6	13.2	506	387	17.0	13.4
16 and 17 years	303	253	19.6	16.1	213	178	17.7	15.3
18 and 19 years	333	223	16.1	11.0	293	209	16.6	12.2
20 years and over	2,371	1,606	5.0	3.4	1,661	1,264	5.8	4.5
20 to 24 years	651	397	11.1	7.4	478	330	9.7	6.9
25 years and over	1,720	1,209	4.1	2.9	1,183	933	5.0	4.0
25 to 34 years	596	363	5.2	3.2	430	281	7.2	4.9
35 to 44 years	353	274	3.4	2.6	303	267	5.0	4.4
45 to 54 years	393	264	3.8	2.5	270	245	4.1	3.8
55 to 64 years	293	225	4.1	3.2	149	112	3.5	2.7
55 to 59 years	176	144	4.2	3.4	85	76	3.3	3.0
60 to 64 years	117	82	4.0	2.8	64	36	3.7	2.2
65 years and over	85	82	4.2	3.7	31	29	2.9	2.6
Household head, 16 years and over	1,707	1,167	4.0	2.8	366	263	5.4	4.0
16 to 24 years	252	145	7.4	4.6	70	41	9.5	6.2
25 to 54 years	1,095	734	3.6	2.5	213	161	5.6	4.6
55 years and over	360	288	4.0	3.2	83	61	3.7	2.6

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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total, 16 years and over	3,008	2,081	5.9	4.1	2,167	1,651	6.8	5.3
Married, spouse present	1,505	1,064	3.9	2.7	1,096	879	5.9	4.8
Widowed, divorced, or separated	231	162	8.3	6.2	368	276	6.3	4.7
Single (never married)	1,272	855	13.9	9.7	703	497	9.8	7.1
Total, 20 to 64 years of age	2,286	1,524	5.0	3.4	1,630	1,235	5.9	4.5
Married, spouse present	1,400	990	3.8	2.7	1,026	808	5.7	4.5
Widowed, divorced, or separated	214	146	8.5	6.3	328	242	6.3	4.7
Single (never married)	672	389	11.8	7.2	276	185	6.2	4.3
White, 16 years and over	2,556	1,753	5.6	3.9	1,755	1,329	6.3	4.9
Married, spouse present	1,336	920	3.8	2.6	944	742	5.7	4.5
Widowed, divorced, or separated	178	133	7.9	6.4	277	202	5.8	4.3
Single (never married)	1,041	700	13.1	9.1	534	385	8.5	6.2
White, 20 to 64 years of age	1,949	1,277	4.8	3.2	1,320	995	5.5	4.2
Married, spouse present	1,239	848	3.7	2.5	882	684	5.5	4.3
Widowed, divorced, or separated	163	118	8.0	6.5	241	175	5.8	4.3
Single (never married)	548	311	11.2	6.7	197	134	5.2	3.6
Negro and other races, 16 years and over	452	329	8.8	6.5	412	322	10.3	8.2
Married, spouse present	169	144	5.0	4.2	152	137	7.6	6.9
Widowed, divorced, or separated	53	29	9.8	5.4	91	73	8.4	6.4
Single (never married)	231	155	19.1	13.8	169	112	18.5	13.7
Negro and other races, 20 to 64 years of age	337	247	7.4	5.5	310	240	8.6	6.8
Married, spouse present	161	141	5.0	4.3	144	124	7.3	6.5
Widowed, divorced, or separated	52	27	10.5	5.3	87	66	8.6	6.3
Single (never married)	124	78	14.9	10.7	79	50	12.4	8.7

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total.....	5,175	3,732	6.3	4.6	5.9	4.1	6.8	5.0
White-collar workers.....	1,419	997	3.6	2.6	2.8	1.8	4.5	3.4
Professional and technical.....	325	206	2.8	1.8	3.0	1.8	2.7	1.7
Managers, officials, and proprietors.....	156	101	1.8	1.2	1.5	1.1	3.1	1.9
Clerical workers.....	671	502	4.8	3.5	4.7	2.8	4.9	3.8
Sales workers.....	267	188	5.1	3.8	3.6	2.1	7.0	6.1
Blue-collar workers.....	2,497	1,798	8.7	6.2	7.9	5.6	12.5	8.9
Craftsmen and foremen.....	658	420	6.3	4.0	6.3	4.0	8.1	3.6
Carpenters and other construction craftsmen.....	312	260	10.4	8.9	10.3	9.0	(1)	(1)
All other.....	346	160	4.7	2.1	4.6	2.0	6.8	3.8
Operatives.....	1,314	1,019	9.3	6.8	7.5	5.7	13.2	9.2
Drivers and deliverymen.....	162	133	6.1	5.1	6.4	5.3	2.0	2.5
All other.....	1,152	886	10.1	7.2	7.9	5.9	13.5	9.4
Nonfarm laborers.....	525	359	12.5	9.5	12.9	9.5	7.4	10.2
Construction laborers.....	223	122	24.2	14.6	24.2	14.5	(1)	(1)
All other.....	302	237	9.2	8.0	9.4	8.0	7.6	9.3
Service workers.....	678	501	6.0	4.9	6.6	4.5	5.6	5.1
Private household.....	56	62	3.4	3.6	(1)	(1)	3.5	3.7
All other.....	622	439	6.4	5.2	6.7	4.6	6.2	5.5
Farmers and farm laborers.....	80	93	2.9	2.8	2.7	2.4	4.1	5.1
No previous work experience.....	501	354	-	-	-	-	-	-
16 to 19 years.....	395	282	-	-	-	-	-	-
20 to 24 years.....	67	51	-	-	-	-	-	-
25 years and over.....	39	21	-	-	-	-	-	-

¹Percent 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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total.....	100.0	100.0	6.3	4.6	5.9	4.1	6.8	5.3
Private wage and salary workers.....	80.7	79.7	7.0	5.0	6.6	4.6	7.5	5.7
Mining.....	.4	.4	3.6	3.1	3.4	3.0	6.4	(1)
Construction.....	11.6	11.7	15.5	11.7	15.9	12.0	9.0	7.3
Manufacturing.....	30.1	29.5	7.6	5.1	6.1	4.1	11.3	7.7
Durable goods.....	18.5	17.5	7.9	5.1	6.7	4.3	12.4	8.2
Primary metal industries.....	1.4	1.2	5.5	3.2	5.3	2.6	8.4	8.1
Fabricated metal products.....	1.9	2.3	7.1	5.1	6.2	3.4	10.4	11.8
Machinery.....	3.4	1.8	7.9	2.8	7.2	2.2	11.2	5.7
Electrical equipment.....	3.3	3.2	8.2	5.4	5.7	3.7	12.1	7.9
Motor vehicles and equipment.....	1.0	1.9	4.8	6.3	4.1	6.0	10.1	8.3
All other transportation equipment.....	2.5	2.5	11.6	7.6	9.5	7.2	24.2	10.1
Other durable goods industries.....	5.0	4.7	9.1	6.4	8.0	5.9	12.4	7.9
Nondurable goods.....	11.6	11.8	7.0	5.1	4.9	3.7	10.4	7.2
Food and kindred products.....	2.7	2.8	8.2	5.9	5.6	4.9	16.3	8.8
Textile mill products.....	1.4	1.3	7.2	4.8	5.4	4.8	9.0	4.8
Apparel and other finished textile products.....	2.8	3.1	10.0	8.3	10.0	6.3	10.0	8.8
Other nondurable goods industries.....	4.8	4.5	5.6	3.8	4.0	2.7	9.3	6.3
Transportation and public utilities.....	3.2	4.2	3.6	3.4	3.5	3.6	4.0	2.6
Railroads and railway express.....	.5	.5	4.0	2.5	3.8	2.7	(1)	(1)
Other transportation.....	1.8	2.6	4.9	4.9	4.6	5.7	6.4	1.0
Communication and other public utilities.....	.9	1.1	2.2	2.1	2.1	1.3	2.7	3.5
Wholesale and retail trade.....	19.8	18.1	7.2	5.1	5.9	3.7	8.9	6.9
Finance, insurance, and real estate.....	2.2	2.6	3.1	2.7	2.8	2.0	3.4	3.2
Service industries.....	13.5	13.3	5.6	4.1	6.6	3.9	4.9	4.2
Professional services.....	4.2	4.8	3.3	2.9	3.6	2.8	3.2	3.0
All other service industries.....	9.3	8.5	7.9	5.2	9.1	4.7	7.1	5.5
Agricultural wage and salary workers.....	1.9	2.5	8.8	8.7	8.2	7.7	11.8	15.0
All other classes of workers.....	7.7	8.3	1.9	1.5	1.9	1.3	1.8	1.8
No previous work experience.....	9.7	9.5	-	-	-	-	-	-

¹Percent not shown where base is less than 100,000.

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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Unemployment level												
Total unemployed, in thousands	5,175	3,733	2,371	1,606	1,661	1,264	1,142	863	4,311	3,082	864	651
Lost last job	2,652	1,797	1,622	1,059	796	542	234	196	2,254	1,512	398	285
Left last job	548	441	230	200	201	156	118	85	439	360	109	81
Reentered labor force	1,477	1,143	471	312	608	530	399	302	1,222	920	255	223
Never worked before	498	351	50	35	56	36	392	280	396	290	101	61
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	51.2	48.1	68.4	65.9	47.9	42.8	20.5	22.7	52.3	49.1	46.1	43.8
Left last job	10.6	11.8	9.7	12.5	12.1	12.4	10.3	9.8	10.2	11.7	12.6	12.5
Reentered labor force	28.5	30.6	19.8	19.4	36.6	41.9	34.9	35.0	28.3	29.9	29.6	34.3
Never worked before	9.6	9.4	2.1	2.2	3.4	2.9	34.3	32.4	9.2	9.4	11.7	9.4
Unemployment rate												
Total unemployment rate	6.3	4.6	5.0	3.4	5.8	4.5	17.3	13.3	5.9	4.2	9.5	7.2
Job-loser rate ¹	3.2	2.2	3.4	2.3	2.7	1.9	3.6	3.1	3.1	2.1	4.4	3.2
Job-leaver rate ¹ . . . . .	.7	.5	.5	.4	.7	.6	1.8	1.3	.6	.5	1.2	.5
Reentrant rate ¹	1.8	1.4	1.0	.7	2.1	1.9	6.0	4.7	1.7	1.3	2.8	2.9
New entrant rate ¹ . . . . .	.6	.4	.1	.1	.2	.1	5.9	4.3	.5	.4	1.1	.7

¹Unemployment rates are calculated as a percent of the civilian labor force.

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

March 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	5,175	100.0	36.1	36.5	27.4	17.3	10.1
Lost last job	2,652	100.0	28.2	39.3	32.5	21.8	10.7
Left last job	548	100.0	37.7	37.9	24.4	17.3	7.1
Reentered labor force	1,477	100.0	46.0	32.5	21.5	12.8	8.7
Never worked before	498	100.0	47.0	31.9	21.1	6.6	14.5
Male, 20 years and over	2,371	100.0	28.2	39.0	32.8	21.4	11.4
Lost last job	1,622	100.0	25.9	39.8	34.3	22.8	11.5
Left last job	230	100.0	32.3	38.4	29.3	19.2	10.0
Reentered labor force	471	100.0	33.6	37.0	29.4	18.3	11.1
Never worked before	50	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,661	100.0	41.6	33.8	24.5	15.5	9.0
Lost last job	796	100.0	30.3	37.2	32.5	21.6	10.9
Left last job	201	100.0	40.8	39.3	19.9	14.4	5.5
Reentered labor force	608	100.0	56.1	27.8	16.1	9.0	7.1
Never worked before	56	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	1,142	100.0	44.4	35.2	20.4	11.3	9.1
Lost last job	234	100.0	37.2	43.2	19.7	15.4	4.3
Left last job	118	100.0	42.4	34.7	22.9	18.6	4.2
Reentered labor force	399	100.0	45.1	34.1	20.8	12.0	8.8
Never worked before	392	100.0	48.8	31.5	19.7	5.9	13.8

¹Percent 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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total	5,175	3,732	100.0	100.0	2,073	1,430	100.0	100.0
Less than 5 weeks	1,868	1,734	36.1	46.5	641	556	30.9	38.9
5 to 14 weeks	1,888	1,306	36.5	35.0	769	562	37.1	39.3
5 to 10 weeks	1,198	857	23.1	23.0	448	312	21.6	21.8
11 to 14 weeks	690	449	13.3	12.0	321	250	15.5	17.5
15 weeks and over	1,419	692	27.4	18.5	663	312	32.0	21.8
15 to 26 weeks	895	482	17.3	12.9	420	209	20.3	14.6
27 weeks and over	524	210	10.1	5.6	243	102	11.7	7.1
Average (mean) duration	12.2	9.5	--	--	13.4	11.3	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status
March 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		Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total	5,175	1,868	1,888	895	524	12.2	36.1	46.5	27.4	18.5
16 to 21 years	1,609	703	565	209	132	10.4	43.7	55.4	21.2	14.7
16 to 19 years	1,142	508	402	129	104	10.5	44.5	56.5	20.3	14.6
20 to 24 years	1,129	434	434	187	74	10.5	38.5	48.6	23.1	16.7
25 to 44 years	1,682	574	625	311	172	12.3	34.1	44.6	28.7	16.7
45 years and over	1,221	352	427	268	174	15.3	28.8	38.0	36.2	25.7
Male	3,008	942	1,141	598	327	13.2	31.3	40.2	30.7	20.9
16 to 21 years	899	376	311	136	77	11.0	41.8	52.4	23.7	16.6
16 to 19 years	636	273	217	90	57	11.0	42.8	53.5	23.1	17.5
20 to 24 years	651	216	263	119	52	11.6	33.2	45.1	26.3	18.5
25 to 44 years	949	277	378	190	104	13.1	29.2	33.0	31.0	18.7
45 years and over	771	176	283	199	113	16.5	22.8	34.0	40.5	28.0
Female	2,167	926	747	297	197	10.9	42.8	54.3	22.8	15.6
16 to 21 years	710	328	254	74	55	9.7	46.1	58.9	18.1	12.3
16 to 19 years	506	235	185	39	47	9.8	46.5	60.2	16.9	11.1
20 to 24 years	478	218	170	67	22	8.9	45.6	52.8	18.8	14.7
25 to 44 years	733	297	247	121	68	11.5	40.5	58.4	25.8	14.6
45 years and over	450	176	144	69	61	13.3	39.1	43.8	28.9	22.4
White: Total	4,311	1,568	1,559	749	434	12.2	36.4	47.4	27.5	17.8
Male	2,556	810	967	504	275	13.2	31.7	41.3	30.5	20.6
Female	1,755	758	592	245	160	10.9	43.2	55.4	23.1	14.1
Negro and other races: Total	864	300	329	145	90	12.2	34.7	42.1	27.2	22.1
Male	452	132	174	94	52	13.4	29.1	34.8	32.3	22.3
Female	412	168	155	51	37	10.9	40.8	49.7	21.6	21.8
Male: Married, wife present	1,505	466	564	309	166	13.4	31.0	37.2	31.6	20.9
Widowed, divorced, or separated	231	46	107	49	29	2.5	19.9	28.1	34.0	26.9
Single (never married)	1,272	430	471	239	132	12.7	33.8	46.3	29.2	19.8
Female: Married, husband present	1,096	467	385	163	81	10.3	42.6	57.6	22.3	13.8
Widowed, divorced, or separated	368	140	122	63	43	2.6	38.0	48.0	28.8	21.2
Single (never married)	703	320	239	71	73	10.9	45.5	51.9	20.5	15.7

A-16: Unemployed persons by duration, occupation, and industry of last job
March 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		Mar.	Mar.	Mar.	Mar.
							1971	1970	1971	1970
OCCUPATION										
White-collar workers	1,419	542	524	214	139	11.9	38.2	48.8	24.9	14.2
Professional and managerial	481	172	144	99	68	15.2	35.8	41.4	34.7	22.5
Clerical workers	671	278	256	88	49	10.2	41.5	52.0	20.4	11.7
Sales workers	267	92	125	28	22	10.2	34.5	52.6	18.6	8.0
Blue-collar workers	2,497	770	949	534	245	12.9	30.8	40.6	31.2	20.7
Craftsmen and foremen	658	173	268	148	69	13.6	26.3	35.1	32.9	24.1
Operatives	1,314	417	489	273	135	12.6	31.8	44.7	31.1	18.8
Nonfarm laborers	525	179	192	113	41	12.6	34.2	35.4	29.3	22.2
Service workers	678	284	235	102	57	10.9	41.8	51.0	23.5	19.4
INDUSTRY¹										
Agriculture	99	38	28	20	13	12.2	(2)	(2)	(2)	(2)
Construction	622	151	270	167	34	12.4	24.3	28.0	32.2	24.0
Manufacturing	1,564	506	549	315	194	13.6	32.3	44.8	32.6	19.7
Durable goods	961	285	340	202	135	14.2	29.6	41.5	35.0	19.2
Nondurable goods	603	221	209	113	60	12.6	36.7	49.9	28.7	20.5
Transportation and public utilities	187	54	92	25	17	11.7	28.8	49.0	22.3	19.8
Wholesale and retail trade	1,031	408	365	166	93	11.4	39.6	47.9	25.0	12.4
Finance and service industries	962	390	353	142	76	10.4	40.5	51.9	22.7	18.0
Public administration	111	45	40	12	14	13.2	40.2	(2)	23.9	(2)
No previous work experience	501	238	158	33	72	11.9	47.4	61.1	20.9	16.8

¹Includes wage and salary workers only.

²Percent 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	
	Mar.	Mar.	Mar.	Mar.	Mar.	Mar.
	1971	1970	1971	1970	1971	1970
All industries	77,493	77,957	47,979	48,378	29,515	29,579
16 to 19 years	5,448	5,623	2,983	3,128	2,466	2,495
16 and 17 years	2,236	2,306	1,246	1,318	990	988
18 and 19 years	3,212	3,317	1,737	1,810	1,475	1,507
20 to 24 years	9,650	9,411	5,213	4,970	4,437	4,441
25 to 34 years	48,405	48,726	30,955	31,255	17,450	17,471
25 to 34 years	16,394	16,302	10,891	10,848	5,503	5,454
35 to 44 years	15,675	15,990	9,977	10,243	5,698	5,747
45 to 54 years	16,336	16,434	10,087	10,164	6,249	6,270
55 to 64 years	11,023	11,003	6,878	6,917	4,144	4,086
55 to 59 years	6,523	6,556	4,051	4,064	2,472	2,492
60 to 64 years	4,500	4,447	2,827	2,853	1,673	1,594
65 years and over	2,968	3,194	1,950	2,109	1,018	1,085
Nonagricultural industries	74,452	74,787	45,383	45,674	29,068	29,113
16 to 19 years	5,143	5,316	2,712	2,847	2,431	2,469
16 and 17 years	2,068	2,138	1,104	1,166	964	972
18 and 19 years	3,075	3,178	1,608	1,681	1,467	1,497
20 to 24 years	9,446	9,209	5,038	4,792	4,408	4,417
25 to 34 years	46,835	47,170	29,657	29,976	17,178	17,194
25 to 34 years	15,980	15,890	10,556	10,498	5,424	5,392
35 to 44 years	15,162	15,502	9,548	9,843	5,614	5,659
45 to 54 years	15,693	15,778	9,553	9,635	6,140	6,143
55 to 64 years	10,446	10,343	6,378	6,358	4,068	3,985
55 to 59 years	6,232	6,200	3,799	3,775	2,432	2,425
60 to 64 years	4,214	4,143	2,579	2,583	1,635	1,560
65 years and over	2,582	2,749	1,598	1,702	983	1,047
Agriculture	3,042	3,170	2,595	2,704	447	466
16 to 19 years	305	307	271	281	34	26
16 and 17 years	168	169	142	152	26	16
18 and 19 years	137	139	129	129	8	10
20 to 24 years	205	202	175	178	29	24
25 to 34 years	1,570	1,557	1,298	1,279	272	277
25 to 34 years	414	412	335	350	79	62
35 to 44 years	513	488	429	400	84	88
45 to 54 years	643	657	534	529	109	127
55 to 64 years	577	660	500	559	77	101
55 to 59 years	291	356	252	289	39	67
60 to 64 years	286	304	249	270	37	34
65 years and over	386	445	351	407	34	38

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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total	77,493	77,957	44,996	45,250	27,049	27,084	2,983	3,128	2,466	2,495
White-collar workers	37,934	38,031	19,420	19,423	16,606	16,536	600	688	1,308	1,385
Professional and technical	11,086	11,280	6,567	6,734	4,396	4,377	67	88	56	82
Medical and other health	1,770	1,719	640	616	1,124	1,076	--	7	6	21
Teachers, except college	2,870	2,689	841	827	2,003	1,853	10	4	17	5
Other professional and technical	6,445	6,872	5,088	5,291	1,269	1,448	56	77	33	56
Managers, officials, and proprietors	8,662	8,268	7,205	6,971	1,422	1,260	28	31	7	6
Salaried workers	6,501	6,015	5,423	5,102	1,046	881	26	28	7	4
Self-employed workers in retail trade	1,070	1,090	823	846	242	242	--	2	--	--
Self-employed workers, except retail trade	1,092	1,163	959	1,023	131	137	2	1	--	1
Clerical workers	13,181	13,787	2,971	3,248	8,984	9,207	273	308	953	1,024
Stenographers, typists, and secretaries	3,497	3,489	51	54	3,172	3,152	6	3	269	280
Other clerical workers	9,684	10,298	2,921	3,194	5,813	6,055	267	305	684	744
Sales workers	5,005	4,696	2,677	2,471	1,803	1,691	233	262	293	273
Retail trade	2,884	2,850	889	901	1,547	1,479	177	216	271	254
Other sales workers	2,122	1,847	1,788	1,569	256	212	56	46	22	19
Blue-collar workers	26,148	27,331	20,082	20,896	4,321	4,531	1,543	1,676	201	228
Craftsmen and foremen	9,724	10,012	9,141	9,492	330	308	236	201	18	10
Carpenters	802	800	773	778	6	5	22	14	--	2
Construction craftsmen, except carpenters	1,889	1,872	1,853	1,823	1	10	36	38	--	--
Mechanics and repairmen	2,370	2,795	2,270	2,693	18	15	80	86	2	1
Metal craftsmen, except mechanics	1,151	1,252	1,108	1,218	23	19	19	13	--	2
Other craftsmen and kindred workers	2,138	1,858	1,870	1,674	176	134	74	44	18	5
Foremen, not elsewhere classified	1,375	1,435	1,265	1,306	106	124	4	5	--	--
Operatives	12,757	13,892	8,183	8,798	3,754	4,119	668	780	152	195
Drivers and deliverymen	2,487	2,455	2,226	2,205	137	115	122	124	1	10
Other operatives	10,270	11,437	5,957	6,593	3,617	4,004	546	656	151	185
Durable goods manufacturing	4,601	4,815	3,247	3,221	1,173	1,340	144	182	37	71
Nondurable goods manufacturing	3,502	3,768	1,440	1,566	1,871	2,000	114	120	76	82
Other industries	2,168	2,855	1,270	1,807	573	663	289	354	38	31
Nonfarm laborers	3,666	3,427	2,759	2,606	238	104	639	695	31	23
Construction	700	712	611	619	1	--	89	93	--	--
Manufacturing	1,083	973	893	800	85	52	101	115	4	6
Other industries	1,883	1,742	1,254	1,187	152	52	450	487	27	17
Service workers	10,705	9,706	3,381	2,709	5,791	5,631	607	502	927	863
Private household workers	1,587	1,643	22	24	1,220	1,273	15	14	330	332
Service workers, except private household ..	9,118	8,063	3,358	2,685	4,571	4,357	592	488	597	531
Protective service workers	1,045	929	982	877	53	42	10	5	--	3
Waiters, cooks, and bartenders	2,190	2,199	432	390	1,340	1,408	141	134	277	268
Other service workers	5,883	4,935	1,944	1,418	3,177	2,907	442	350	319	260
Farm workers	2,706	2,889	2,113	2,222	331	386	233	261	29	19
Farmers and farm managers	1,606	1,733	1,526	1,634	68	83	12	16	--	--
Farm laborers and foremen	1,100	1,156	587	588	263	304	221	245	29	19
Paid workers	770	771	544	534	77	75	133	155	16	8
Unpaid family workers	330	384	43	54	186	229	88	90	14	12

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	
	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total						
Total employed (thousands)	77,493	77,957	47,979	48,378	29,515	29,579
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	49.0	48.8	41.7	41.6	60.7	60.6
Professional and technical	14.3	14.5	13.8	14.1	15.1	15.1
Managers, officials, and proprietors	11.2	10.6	15.1	14.5	4.8	4.3
Clerical workers	17.0	17.7	6.8	7.4	33.7	34.6
Sales workers	6.5	6.0	6.1	5.6	7.1	6.6
Blue-collar workers	33.7	35.1	45.1	46.7	15.3	16.1
Craftsmen and foremen	12.5	12.8	19.5	20.0	1.2	1.1
Operatives	16.5	17.8	18.4	19.8	13.2	14.6
Nonfarm laborers	4.7	4.4	7.1	6.8	.9	.4
Service workers	13.8	12.5	8.3	6.6	22.8	22.0
Private household workers	2.0	2.1	.1	.1	5.3	5.4
Other service workers	11.8	10.3	8.2	6.6	17.5	16.5
Farm workers	3.5	3.7	4.9	5.1	1.2	1.4
Farmers and farm managers	2.1	2.2	3.2	3.4	.2	.3
Farm laborers and foremen	1.4	1.5	1.7	1.7	1.0	1.1
White						
Total employed (thousands)	69,224	69,605	43,307	43,638	25,917	25,967
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	51.3	51.3	43.9	43.6	63.8	64.1
Professional and technical	14.9	15.1	14.5	14.8	15.6	15.6
Managers, officials, and proprietors	12.0	11.5	16.1	15.5	5.2	4.6
Clerical workers	17.4	18.2	6.7	7.2	35.4	36.6
Sales workers	6.9	6.5	6.5	6.1	7.7	7.2
Blue-collar workers	33.0	34.2	43.7	45.2	15.1	15.8
Craftsmen and foremen	13.1	13.4	20.2	20.7	1.2	1.1
Operatives	15.9	17.1	17.6	18.8	13.0	14.3
Nonfarm laborers	4.0	3.7	5.9	5.7	.9	.4
Service workers	12.1	10.7	7.5	6.0	19.8	18.7
Private household workers	1.4	1.4	--	--	3.6	3.7
Other service workers	10.7	9.3	7.5	6.0	16.2	15.0
Farm workers	3.5	3.8	4.9	5.2	1.3	1.5
Farmers and farm managers	2.2	2.4	3.4	3.6	.3	.3
Farm laborers and foremen	1.3	1.4	1.5	1.5	1.0	1.2
Negro and other races						
Total employed (thousands)	8,269	8,353	4,671	4,740	3,598	3,613
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	29.1	28.1	22.0	22.5	38.2	35.5
Professional and technical	9.1	9.2	7.2	7.6	11.5	11.4
Managers, officials, and proprietors	4.0	3.5	5.2	5.0	2.4	1.7
Clerical workers	13.6	13.4	7.7	8.3	21.3	20.0
Sales workers	2.3	2.0	1.8	1.7	3.0	2.4
Blue-collar workers	39.7	42.2	57.4	60.3	16.7	18.4
Craftsmen and foremen	7.7	8.4	13.1	14.2	.8	.8
Operatives	21.5	23.7	26.7	28.9	14.8	16.7
Nonfarm laborers	10.5	10.2	17.7	17.2	1.1	.9
Service workers	28.1	26.7	15.7	12.4	44.3	45.5
Private household workers	7.7	8.0	.3	.3	17.3	18.1
Other service workers	20.4	18.7	15.4	12.1	27.0	27.4
Farm workers	3.1	3.0	4.9	4.8	.8	.6
Farmers and farm managers .....	.7	.8	1.3	1.4	--	.2
Farm laborers and foremen	2.4	2.2	3.6	3.5	.7	.5

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

March 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					
Total	68,620	1,729	12,723	54,168	5,255	577	1,027	1,678	337
16 to 19 years.....	5,029	369	469	4,191	79	34	189	11	104
16 and 17 years.....	1,993	272	149	1,572	53	23	92	5	71
18 and 19 years.....	3,036	98	320	2,619	27	12	97	7	33
20 to 24 years.....	9,253	106	1,627	7,520	165	28	123	53	29
25 to 34 years.....	15,073	161	2,790	12,122	841	66	200	177	37
35 to 44 years.....	13,941	216	2,696	11,029	1,107	113	156	307	51
45 to 54 years.....	14,115	307	2,914	10,895	1,391	187	166	423	54
55 to 64 years.....	9,192	360	1,884	6,948	1,129	124	125	406	46
55 to 59 years.....	5,498	201	1,132	4,165	654	80	73	197	21
60 to 64 years.....	3,695	159	752	2,784	475	44	53	209	24
65 years and over.....	2,016	210	343	1,463	542	24	67	301	17
Male	41,392	134	6,783	34,475	3,928	63	869	1,593	133
16 to 19 years.....	2,640	37	199	2,403	51	22	168	12	91
16 and 17 years.....	1,050	24	84	942	39	15	76	5	61
18 and 19 years.....	1,589	13	115	1,461	12	7	93	7	30
20 to 24 years.....	4,923	14	663	4,247	100	14	102	52	22
25 to 34 years.....	9,963	9	1,539	8,415	587	5	162	165	8
35 to 44 years.....	8,666	9	1,512	7,145	878	3	129	296	3
45 to 54 years.....	8,497	15	1,638	6,844	1,055	1	132	399	3
55 to 64 years.....	5,510	25	1,032	4,453	856	12	112	385	3
55 to 59 years.....	3,284	9	631	2,644	507	8	63	187	1
60 to 64 years.....	2,226	15	401	1,810	349	4	49	197	2
65 years and over.....	1,192	25	201	967	400	6	63	285	4
Female	27,228	1,595	5,940	19,693	1,326	514	158	84	204
16 to 19 years.....	2,390	332	270	1,788	29	13	21	--	14
16 and 17 years.....	943	247	65	630	14	8	16	--	10
18 and 19 years.....	1,447	85	205	1,158	15	5	5	--	4
20 to 24 years.....	4,330	92	965	3,273	64	13	22	1	7
25 to 34 years.....	5,109	151	1,252	3,706	254	61	38	12	29
35 to 44 years.....	5,275	207	1,184	3,884	229	110	27	10	48
45 to 54 years.....	5,618	291	1,276	4,051	336	186	33	24	51
55 to 64 years.....	3,682	336	852	2,495	273	112	13	21	43
55 to 59 years.....	2,214	192	500	1,521	147	72	10	10	20
60 to 64 years.....	1,469	143	352	974	126	41	3	12	22
65 years and over.....	823	185	142	496	141	18	4	16	14

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					
	Mar. 1971	Mar. 1970	Total		Wage and salary workers ¹			
			Mar. 1971	Mar. 1970	Paid absence ²		Unpaid absence ²	
					Mar. 1971	Mar. 1970	Mar. 1971	Mar. 1970
Total	3,044	2,964	2,906	2,802	983	1,019	1,527	1,396
Vacation	675	574	659	547	436	349	142	129
Illness	1,381	1,500	1,334	1,453	461	541	756	780
Bad weather	172	184	135	127	--	--	--	--
Industrial dispute	117	53	117	53	--	--	--	--
All other reasons	699	654	661	622	87	129	629	487
Male	1,841	1,736	1,726	1,585	658	647	821	689
Vacation	449	358	435	336	309	230	71	53
Illness	824	836	787	790	290	329	428	387
All other reasons	568	542	504	459	60	88	322	249
Female	1,203	1,229	1,181	1,217	325	372	705	707
Vacation	226	217	224	211	126	120	70	77
Illness	556	664	547	663	171	212	327	393
All other reasons	421	348	410	343	28	40	307	237

¹Excludes private household.²Pay 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

March 1971

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	74,450	71,545	2,904	100.0	100.0	100.0
1-34 hours	17,343	16,267	1,076	23.3	22.7	37.1
1-4 hours	811	757	54	1.1	1.1	1.9
5-14 hours	4,042	3,732	310	5.4	5.2	10.7
15-29 hours	8,273	7,701	572	11.1	10.8	19.7
30-34 hours	4,217	4,077	140	5.7	5.7	4.8
35 hours and over	57,107	55,278	1,828	76.7	77.3	62.9
35-39 hours	5,489	5,337	153	7.4	7.5	5.3
40 hours	30,823	30,493	330	41.4	42.6	11.4
41 hours and over	20,795	19,448	1,345	27.9	27.2	46.3
41 to 48 hours	8,528	8,292	236	11.5	11.6	8.1
49 to 59 hours	6,639	6,287	351	8.9	8.8	12.1
60 hours and over	5,628	4,869	758	7.6	6.8	26.1
Average hours, total at work	39.0	38.8	42.2	--	--	--
Average hours, workers on full-time schedules	43.5	43.3	51.8	--	--	--

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

March 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.....	17,343	5,181	12,162	16,267	4,783	11,484
Economic reasons.....	2,607	1,431	1,176	2,377	1,284	1,093
Slack work.....	1,615	1,164	451	1,427	1,019	408
Material shortages or repairs to plant and equipment.....	64	64	--	64	64	--
New job started during week.....	137	137	--	135	135	--
Job terminated during week.....	66	66	--	66	66	--
Could find only part-time work.....	725	--	725	685	--	685
Other reasons.....	14,736	3,750	10,986	13,890	3,499	10,391
Does not want, or unavailable for, full-time work.....	8,958	--	8,958	8,555	--	8,555
Vacation.....	286	286	--	275	275	--
Illness.....	2,050	1,769	281	1,968	1,738	230
Bad weather.....	619	619	--	435	435	--
Industrial dispute.....	32	32	--	31	31	--
Legal or religious holiday.....	32	32	--	31	31	--
Full time for this job.....	1,254	--	1,254	1,207	--	1,207
All other reasons.....	1,505	1,012	493	1,388	989	399
Average hours:						
Economic reasons.....	21.8	24.5	18.6	22.0	24.9	18.7
Other reasons.....	19.5	25.7	17.4	19.6	26.1	17.4
Worked 30 to 34 hours:						
Economic reasons.....	848	622	226	806	583	223
Other reasons.....	3,369	1,877	1,492	3,271	1,830	1,441

A-24: Nonagricultural workers by industry and full- or part-time status
March 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 ^{1/}	100.0	3.3	14.5	82.2	55.0	11.6	15.6	38.8	43.3
Wage and salary workers.....	100.0	3.2	14.3	82.5	57.3	11.7	13.5	38.4	42.6
Construction.....	100.0	5.5	4.4	90.0	69.6	10.4	10.0	38.3	40.4
Manufacturing.....	100.0	3.6	3.2	93.2	67.6	13.8	11.8	40.6	41.9
Durable goods.....	100.0	2.5	2.0	95.6	69.7	14.2	11.7	41.1	41.9
Nondurable goods.....	100.0	5.3	5.0	89.8	64.6	13.3	12.0	39.9	41.9
Transportation and public utilities.....	100.0	2.5	6.6	91.0	64.7	11.0	15.2	40.9	43.0
Wholesale and retail trade.....	100.0	3.7	24.9	71.4	41.5	13.7	16.2	36.8	44.1
Finance, insurance, and real estate.....	100.0	1.3	9.1	89.6	66.0	8.8	14.8	39.6	42.1
Service industries.....	100.0	3.3	24.9	71.7	48.9	9.4	13.5	35.6	42.6
Private households.....	100.0	13.1	56.5	30.4	19.9	4.5	6.0	22.7	43.6
All other service.....	100.0	2.4	21.8	75.9	51.8	9.9	14.2	36.9	42.9
Public administration.....	100.0	.3	6.7	93.0	71.5	9.0	12.5	40.7	42.4
Self-employed workers.....	100.0	4.5	15.5	80.0	27.1	11.1	41.8	44.6	51.6
Unpaid family workers.....	100.0	3.1	36.4	60.5	28.1	6.2	26.2	38.5	49.7

^{1/}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**

March 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)								
TOTAL								
Total, 16 years and over.....	71,545	2,377	10,391	58,777	39,329	19,448	38.8	43.3
16 to 21 years	8,194	414	3,694	4,086	3,213	873	28.0	40.5
16 to 19 years	4,986	240	2,948	1,798	1,400	398	24.2	40.5
16 and 17 years	2,017	43	1,774	200	147	53	16.3	40.9
18 and 19 years	2,969	197	1,174	1,598	1,255	343	29.5	40.5
20 years and over	66,559	2,136	7,443	56,980	37,928	19,052	39.9	43.3
20 to 24 years	9,109	364	1,409	7,336	5,486	1,850	36.9	41.3
25 years and over	57,450	1,772	6,034	49,644	32,442	17,202	40.4	43.6
25 to 44 years	30,058	899	2,837	26,322	16,861	9,461	40.7	43.7
45 to 64 years	24,993	780	2,218	21,995	14,728	7,267	40.7	43.5
65 years and over	2,398	94	980	1,324	849	475	31.8	44.1
Males, 16 years and over	43,657	1,133	3,335	39,189	23,526	15,663	41.9	44.6
16 to 21 years	4,193	219	1,845	2,129	1,502	627	29.3	41.5
16 to 19 years	2,628	127	1,526	975	684	291	25.6	41.3
16 and 17 years	1,074	25	911	138	97	41	18.3	40.5
18 and 19 years	1,555	102	615	838	587	251	30.7	41.5
20 years and over	41,029	1,007	1,809	38,213	22,841	15,372	42.9	44.7
20 to 24 years	4,873	182	637	4,054	2,681	1,373	38.6	42.7
25 years and over	36,156	825	1,172	34,159	20,160	13,999	43.5	44.9
25 to 44 years	19,473	438	331	18,704	10,680	8,024	44.2	45.1
45 to 64 years	15,217	340	320	14,557	8,928	5,629	43.6	44.6
65 years and over	1,467	48	521	898	551	347	33.7	44.5
Females, 16 years and over	27,888	1,243	7,056	19,589	15,802	3,787	33.9	40.6
16 to 21 years	4,002	194	1,849	1,959	1,714	245	26.7	39.4
16 to 19 years	2,358	114	1,422	822	716	106	22.6	39.6
16 and 17 years	943	18	863	62	48	14	14.0	41.8
18 and 19 years	1,415	96	559	760	667	93	28.3	39.4
20 years and over	25,530	1,130	5,634	18,766	15,086	3,680	35.0	40.6
20 to 24 years	4,236	181	772	3,283	2,807	476	34.9	39.6
25 years and over	21,294	949	4,862	15,483	12,279	3,204	35.0	40.8
25 to 44 years	10,586	462	2,505	7,619	6,181	1,438	34.5	40.4
45 to 64 years	9,778	440	1,898	7,440	5,803	1,637	36.2	41.3
65 years and over	931	46	459	426	299	127	28.8	43.3
COLOR								
White.....	63,980	1,911	9,436	52,633	34,426	18,207	39.0	43.5
Male.....	39,474	935	3,070	35,469	20,697	14,772	42.2	44.8
Female.....	24,506	976	6,366	17,164	13,729	3,435	33.9	40.7
Negro and other races	7,565	466	955	6,144	4,902	1,242	37.1	41.2
Male.....	4,183	198	265	3,720	2,828	892	39.5	42.1
Female.....	3,382	266	690	2,426	2,076	350	34.1	40.0
MARITAL STATUS								
Male:								
Married, wife present	34,345	737	1,068	32,540	18,959	13,581	43.6	44.9
Widowed, divorced, or separated	2,248	92	129	2,027	1,299	728	41.5	43.9
Single (never married)	7,064	305	2,139	4,620	3,266	1,354	33.7	42.6
Female:								
Married, husband present	16,439	738	4,198	11,503	9,381	2,122	34.1	40.4
Widowed, divorced, or separated	5,179	285	876	4,018	3,098	920	36.5	41.4
Single (never married)	6,270	219	1,982	4,069	3,325	744	31.5	40.4

A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status--Continued
March 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)						
TOTAL						
Total, 16 years and over.....	100.0	3.3	14.5	82.2	55.0	27.2
16 to 21 years.....	100.0	5.1	45.1	49.9	39.2	10.7
16 to 19 years.....	100.0	4.8	59.1	36.1	28.1	8.0
16 and 17 years.....	100.0	2.1	88.0	9.9	7.3	2.6
18 and 19 years.....	100.0	6.6	39.5	53.8	42.3	11.6
20 years and over.....	100.0	3.2	11.2	85.6	57.0	28.6
20 to 24 years.....	100.0	4.0	15.5	80.5	60.2	20.3
25 years and over.....	100.0	3.1	10.5	86.4	56.5	29.9
25 to 44 years.....	100.0	3.0	9.4	87.6	56.1	31.5
45 to 64 years.....	100.0	3.1	8.9	88.0	58.9	29.1
65 years and over.....	100.0	3.9	40.9	55.2	35.4	19.8
Males, 16 years and over.....	100.0	2.6	7.6	89.8	53.9	35.9
16 to 21 years.....	100.0	5.2	44.0	50.8	35.8	15.0
16 to 19 years.....	100.0	4.8	58.1	37.1	26.0	11.1
16 and 17 years.....	100.0	2.3	84.8	12.8	9.0	3.8
18 and 19 years.....	100.0	6.6	39.5	53.9	37.7	16.1
20 years and over.....	100.0	2.5	4.4	93.1	55.7	37.5
20 to 24 years.....	100.0	3.7	13.1	83.2	55.0	28.2
25 years and over.....	100.0	2.3	3.2	94.5	55.8	38.7
25 to 44 years.....	100.0	2.2	1.7	96.1	54.8	41.2
45 to 64 years.....	100.0	2.2	2.1	95.7	58.7	37.0
65 years and over.....	100.0	3.3	35.5	61.2	37.6	23.7
Females, 16 years and over.....	100.0	4.5	25.3	70.2	56.7	13.6
16 to 21 years.....	100.0	4.8	46.2	49.0	42.8	6.1
16 to 19 years.....	100.0	4.8	60.3	34.9	30.4	4.5
16 and 17 years.....	100.0	1.9	91.5	6.6	5.1	1.5
18 and 19 years.....	100.0	6.8	39.5	53.7	47.1	6.6
20 years and over.....	100.0	4.4	22.1	73.5	59.1	14.4
20 to 24 years.....	100.0	4.3	18.2	77.5	66.3	11.2
25 years and over.....	100.0	4.5	22.8	72.7	57.7	15.0
25 to 44 years.....	100.0	4.4	23.7	72.0	58.4	13.6
45 to 64 years.....	100.0	4.5	19.4	76.1	59.3	16.7
65 years and over.....	100.0	4.9	49.3	45.8	32.1	13.6
COLOR						
White.....	100.0	3.0	14.7	82.3	53.8	28.5
Male.....	100.0	2.4	7.8	89.9	52.4	37.4
Female.....	100.0	4.0	26.0	70.0	56.0	14.0
Negro and other races.....	100.0	6.2	12.6	81.2	64.8	16.4
Male.....	100.0	4.7	6.3	88.9	67.6	21.3
Female.....	100.0	7.9	20.4	71.7	61.4	10.3
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	2.1	3.1	94.7	55.2	39.5
Widowed, divorced, or separated.....	100.0	4.1	5.7	90.2	57.8	32.4
Single (never married).....	100.0	4.3	30.3	65.4	46.2	19.2
Female:						
Married, husband present.....	100.0	4.5	25.5	70.0	57.1	12.9
Widowed, divorced, or separated.....	100.0	5.5	16.9	77.6	59.8	17.8
Single (never married).....	100.0	3.5	31.6	64.9	53.0	11.9

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

March 1971

(In thousands)

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)									
TOTAL									
White-collar workers.....	36,679	527	5,334	30,818	19,649	4,075	7,093	39.9	44.0
Professional and technical.....	10,785	116	1,315	9,354	5,777	1,320	2,258	40.6	44.1
Managers, officials, and proprietors.....	8,359	96	340	7,923	3,342	1,301	3,280	47.3	48.8
Clerical workers.....	12,738	200	2,403	10,135	8,595	956	583	35.7	39.9
Sales workers.....	4,797	116	1,276	3,405	1,936	497	972	36.8	44.8
Blue-collar workers.....	24,913	1,304	1,672	21,937	15,478	3,380	3,079	39.5	42.2
Craftsmen and foremen.....	9,316	331	276	8,709	5,867	1,484	1,359	41.1	42.6
Operatives.....	12,124	747	788	10,589	7,535	1,595	1,459	39.6	42.2
Nonfarm laborers.....	3,473	227	608	2,638	2,076	301	261	35.3	40.7
Service workers.....	10,271	570	3,444	6,257	4,326	866	1,064	33.0	43.4
Private household.....	1,518	196	883	439	281	68	90	22.3	43.8
Other service workers.....	8,754	374	2,561	5,819	4,046	798	974	34.9	43.4
MALE									
White-collar workers.....	19,442	213	1,339	17,890	9,228	2,785	5,877	44.2	46.5
Professional and technical.....	6,488	64	422	6,002	3,449	836	1,717	43.3	45.4
Managers, officials, and proprietors.....	6,986	73	176	6,737	2,646	1,143	2,948	48.2	49.3
Clerical workers.....	3,130	44	381	2,705	1,950	414	341	38.8	42.0
Sales workers.....	2,838	32	360	2,446	1,182	393	871	42.3	46.4
Blue-collar workers.....	20,624	843	1,218	18,563	12,587	3,021	2,956	40.4	42.7
Craftsmen and foremen.....	8,982	315	217	8,450	5,663	1,456	1,331	41.3	42.6
Operatives.....	8,422	335	460	7,627	4,979	1,274	1,374	41.2	43.3
Nonfarm laborers.....	3,220	193	541	2,486	1,944	291	251	35.5	40.8
Service workers.....	3,832	94	815	2,923	1,803	469	651	38.5	45.2
Private household.....	35	7	17	11	4	2	5	25.6	50.8
Other service workers.....	3,797	87	798	2,912	1,799	467	646	38.6	45.1
FEMALE									
White-collar workers.....	17,237	314	3,996	12,927	10,420	1,290	1,217	35.1	40.6
Professional and technical.....	4,297	52	894	3,351	2,326	484	541	36.4	41.8
Managers, officials, and proprietors.....	1,373	23	164	1,186	697	158	331	42.5	46.1
Clerical workers.....	9,608	156	2,023	7,429	6,645	543	241	34.7	39.2
Sales workers.....	1,959	84	916	959	752	105	102	28.7	40.8
Blue-collar workers.....	4,289	461	454	3,374	2,892	359	123	35.7	39.4
Craftsmen and foremen.....	334	16	59	259	204	28	28	35.4	40.1
Operatives.....	3,701	412	328	2,961	2,555	321	85	35.9	39.3
Nonfarm laborers.....	254	34	67	153	134	10	10	32.4	39.6
Service workers.....	6,439	476	2,629	3,334	2,524	396	413	29.8	41.9
Private household.....	1,482	189	866	427	277	65	85	22.2	43.7
Other service workers.....	4,957	288	1,763	2,906	2,248	331	327	32.1	41.6

HOUSEHOLD DATA

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

March 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)							
TOTAL							
White-collar workers	100.0	1.4	14.5	84.0	53.6	11.1	19.3
Professional and technical	100.0	1.1	12.2	86.7	53.6	12.2	20.9
Managers, officials, and proprietors	100.0	1.1	4.1	94.8	40.0	15.6	39.2
Clerical workers	100.0	1.6	18.9	79.6	67.5	7.5	4.6
Sales workers	100.0	2.4	26.6	71.0	40.4	10.4	20.3
Blue-collar workers	100.0	5.2	6.7	88.1	62.1	13.6	12.4
Craftsmen and foremen	100.0	3.6	3.0	93.5	63.0	15.9	14.6
Operatives	100.0	6.2	6.5	87.3	62.1	13.2	12.0
Nonfarm laborers	100.0	6.5	17.5	76.0	59.8	8.7	7.5
Service workers	100.0	5.5	33.5	60.9	42.1	8.4	10.4
Private household	100.0	12.9	58.2	28.9	18.5	4.5	5.9
Other service workers	100.0	4.3	29.3	66.5	46.2	9.1	11.1
MALE							
White-collar workers	100.0	1.1	6.9	92.0	47.5	14.3	30.2
Professional and technical	100.0	1.0	6.5	92.5	53.2	12.9	26.5
Managers, officials, and proprietors	100.0	1.0	2.5	96.4	37.9	16.4	42.2
Clerical workers	100.0	1.4	12.2	86.4	62.3	13.2	10.9
Sales workers	100.0	1.1	12.7	86.2	41.6	13.8	30.7
Blue-collar workers	100.0	4.1	5.9	90.0	61.0	14.6	14.3
Craftsmen and foremen	100.0	3.5	2.4	94.1	63.0	16.2	14.8
Operatives	100.0	4.0	5.5	90.6	59.1	15.1	16.3
Nonfarm laborers	100.0	6.0	16.8	77.2	60.4	9.0	7.8
Service workers	100.0	2.5	21.3	76.3	47.1	12.2	17.0
Private household	100.0	20.0	48.6	31.4	11.4	5.7	14.3
Other service workers	100.0	2.3	21.0	76.7	47.4	12.3	17.0
FEMALE							
White-collar workers	100.0	1.8	23.2	75.0	60.5	7.5	7.1
Professional and technical	100.0	1.2	20.8	78.0	54.1	11.3	12.6
Managers, officials, and proprietors	100.0	1.7	11.9	86.4	50.8	11.5	24.1
Clerical workers	100.0	1.6	21.1	77.3	69.2	5.7	2.5
Sales workers	100.0	4.3	46.8	49.0	38.4	5.4	5.2
Blue-collar workers	100.0	10.7	10.6	78.7	67.4	8.4	2.9
Craftsmen and foremen	100.0	4.8	17.7	77.5	61.1	8.4	8.4
Operatives	100.0	11.1	8.9	80.0	69.0	8.7	2.3
Nonfarm laborers	100.0	13.4	26.4	60.2	52.8	3.9	3.9
Service workers	100.0	7.4	40.8	51.8	39.2	6.2	6.4
Private household	100.0	12.8	58.4	28.8	18.7	4.4	5.7
Other service workers	100.0	5.8	35.6	58.6	45.4	6.7	6.6

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

March 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.....	8,078	4,094	3,985	6,931	3,524	3,407	1,147	570	578
Civilian labor force.....	1,256	704	553	1,171	644	527	85	60	26
Employed.....	1,126	616	510	1,065	570	494	61	45	16
Agriculture.....	116	94	22	108	87	21	8	7	1
Nonagricultural industries.....	1,010	522	488	957	483	474	53	39	15
Unemployed.....	131	88	43	106	74	32	25	14	10
Not in labor force.....	6,822	3,390	3,432	5,760	2,880	2,880	1,062	510	552
Keeping house.....	80	15	65	63	16	47	17	--	18
Going to school.....	6,664	3,320	3,343	5,627	2,817	2,809	1,037	503	534
Unable to work.....	9	6	3	8	5	3	1	1	--
All other reasons.....	70	49	21	63	42	21	7	7	--

A-28: Employed 14- 15 year-olds by sex, class of worker, and major occupation group
March 1971

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,126	616	510	100.0	100.0	100.0
Nonagricultural industries.....	1,010	522	488	89.7	84.7	95.7
Wage and salary workers.....	905	427	478	80.4	69.3	93.7
Private household workers.....	428	50	378	38.0	8.1	74.1
Government workers.....	44	29	15	3.9	4.7	2.9
Other wage and salary workers.....	433	348	85	38.5	56.5	16.7
Self-employed workers.....	95	88	7	8.4	14.3	1.4
Unpaid family workers.....	10	7	3	.9	1.1	.6
Agriculture.....	116	94	22	10.3	15.3	4.3
Wage and salary workers.....	50	38	12	4.4	6.2	2.4
Self-employed workers.....	1	1	--	.1	.2	--
Unpaid family workers.....	65	55	10	5.8	8.9	2.0
OCCUPATION						
Total.....	1,126	616	510	100.0	100.0	100.0
White-collar workers.....	288	245	43	25.6	39.8	8.4
Professional and technical.....	22	9	14	2.0	1.5	2.8
Managers, officials, and proprietors.....	--	--	--	--	--	--
Clerical workers.....	33	17	15	2.9	2.8	2.9
Sales workers.....	234	219	14	20.7	35.6	2.8
Blue-collar workers.....	138	128	10	12.2	20.7	2.0
Craftsmen and foremen.....	11	11	--	1.0	1.8	--
Operatives.....	37	34	3	3.3	5.5	.6
Nonfarm laborers.....	90	82	7	8.0	13.3	1.4
Service workers.....	586	150	436	52.0	24.4	85.7
Private household workers.....	406	28	378	36.0	4.6	74.3
Other service workers.....	181	122	58	16.0	19.8	11.4
Farm workers.....	113	93	20	10.1	15.1	3.9
Farmers and farm managers.....	1	1	--	.1	.2	--
Farm laborers and foremen.....	113	92	20	10.0	15.0	3.9

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								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Total													
Total labor force	86,405	86,334	86,873	86,622	86,512	86,379	86,084	85,904	85,865	85,392	85,849	86,031	85,918
Civilian labor force	83,475	83,384	83,897	83,609	83,473	83,300	82,975	82,770	82,711	82,213	82,621	82,760	82,600
Employed	78,475	78,537	78,864	78,463	78,550	78,691	78,479	78,508	78,574	78,299	78,601	78,886	78,969
Agriculture	3,396	3,329	3,413	3,408	3,353	3,293	3,436	3,435	3,508	3,536	3,570	3,569	3,533
Nonagricultural industries	75,079	75,208	75,451	75,055	75,197	75,398	75,043	75,073	75,066	74,763	75,031	75,317	75,436
On part time for economic reasons	2,455	2,458	2,484	2,533	2,413	2,409	2,075	2,259	2,306	2,124	2,228	2,336	1,935
Usually work full time	1,242	1,227	1,377	1,382	1,249	1,347	1,005	1,292	1,248	1,145	1,235	1,378	1,083
Usually work part time	1,213	1,231	1,107	1,151	1,164	1,062	1,070	967	1,058	979	993	958	852
Unemployed	5,000	4,847	5,033	5,146	4,923	4,609	4,496	4,262	4,137	3,914	4,020	3,874	3,631
Men, 20 years and over													
Total labor force	49,994	49,811	50,074	50,158	50,184	50,134	50,098	49,970	49,975	49,906	49,999	49,994	49,895
Civilian labor force	47,425	47,239	47,480	47,531	47,548	47,463	47,401	47,243	47,245	47,154	47,205	47,161	47,035
Employed	43,411	43,237	43,425	43,365	43,531	43,531	43,530	43,472	43,507	43,546	43,616	43,657	43,671
Agriculture	2,439	2,347	2,435	2,458	2,472	2,444	2,518	2,528	2,576	2,586	2,605	2,592	2,542
Nonagricultural industries	42,972	42,890	42,990	42,907	43,059	43,087	43,012	42,944	42,931	42,960	43,011	43,065	43,129
Unemployed	2,014	2,002	2,055	2,166	2,017	1,932	1,871	1,771	1,738	1,608	1,589	1,504	1,364
Women, 20 years and over													
Civilian labor force	28,594	28,645	28,855	28,644	28,580	28,520	28,249	28,413	28,394	28,057	28,006	28,267	28,242
Employed	26,938	27,051	27,211	26,988	26,967	27,084	26,829	27,044	26,996	26,794	26,626	27,019	26,982
Agriculture	539	551	544	538	519	507	533	521	550	568	562	568	576
Nonagricultural industries	26,399	26,500	26,667	26,450	26,448	26,577	26,296	26,523	26,446	26,226	26,064	26,451	26,406
Unemployed	1,656	1,594	1,644	1,656	1,613	1,436	1,420	1,369	1,398	1,263	1,380	1,248	1,260
Both sexes, 16-19 years													
Civilian labor force	7,456	7,500	7,562	7,434	7,345	7,317	7,325	7,114	7,072	7,002	7,410	7,332	7,323
Employed	6,126	6,249	6,228	6,110	6,052	6,076	6,120	5,992	6,071	5,959	6,359	6,210	6,316
Agriculture	418	431	434	412	362	342	385	386	382	382	403	409	415
Nonagricultural industries	5,708	5,818	5,794	5,698	5,690	5,734	5,735	5,606	5,689	5,577	5,956	5,801	5,901
Unemployed	1,330	1,251	1,334	1,324	1,293	1,241	1,205	1,122	1,001	1,043	1,051	1,122	1,007

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.

Table 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								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Full time													
Total, 16 years and over:													
Civilian labor force	71,351	71,627	71,710	71,937	71,815	71,560	71,422	71,084	71,157	70,772	71,005	70,808	70,669
Employed	67,410	67,765	67,766	67,805	67,789	67,914	67,881	67,754	67,903	67,691	67,726	67,830	67,868
Unemployed	3,941	3,862	3,944	4,132	4,026	3,646	3,541	3,330	3,254	3,081	3,279	2,978	2,801
Unemployment rate	5.5	5.4	5.5	5.7	5.6	5.1	5.0	4.7	4.6	4.4	4.6	4.2	4.0
Men, 20 years and over:													
Civilian labor force	45,055	45,048	45,138	45,300	45,268	45,172	45,118	44,958	45,050	44,958	45,013	44,846	44,748
Employed	43,217	43,202	43,272	43,318	43,402	43,361	43,403	43,339	43,445	43,476	43,554	43,487	43,504
Unemployed	1,838	1,846	1,866	1,982	1,866	1,811	1,715	1,619	1,605	1,482	1,459	1,359	1,244
Unemployment rate	4.1	4.1	4.1	4.4	4.1	4.0	3.8	3.6	3.6	3.3	3.2	3.0	2.8
Women, 20 years and over:													
Civilian labor force	22,349	22,599	22,575	22,512	22,514	22,481	22,286	22,328	22,303	22,100	21,895	22,069	22,037
Employed	21,013	21,331	21,269	21,191	21,178	21,324	21,144	21,245	21,211	21,088	20,716	21,085	21,066
Unemployed	1,336	1,268	1,306	1,321	1,336	1,157	1,142	1,083	1,092	1,012	1,179	984	971
Unemployment rate	6.0	5.6	5.8	5.9	5.9	5.1	5.1	4.9	4.9	4.6	5.4	4.5	4.4
Part time													
Total, 16 years and over:													
Civilian labor force	12,092	11,747	12,291	11,640	11,736	11,665	11,682	11,793	11,696	11,536	11,488	11,831	11,900
Employed	11,038	10,727	11,156	10,637	10,746	10,701	10,702	10,866	10,816	10,740	10,721	10,976	11,076
Unemployed	1,054	1,020	1,135	1,003	990	964	980	927	880	796	767	855	824
Unemployment rate	8.7	8.7	9.2	8.6	8.4	8.3	8.4	7.9	7.5	6.9	6.7	7.2	6.9

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								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sep.	Aug.	July	June	May	Apr.	Mar.
White													
Total:													
Civilian labor force	74,217	74,169	74,803	74,340	74,333	74,211	73,747	73,409	73,473	72,929	73,357	73,550	73,455
Employed	70,083	70,204	70,626	70,186	70,215	70,386	70,067	69,910	70,068	69,787	70,059	70,445	70,481
Unemployed	4,134	3,965	4,177	4,154	4,118	3,825	3,680	3,499	3,405	3,142	3,298	3,105	2,974
Unemployment rate	5.6	5.3	5.6	5.6	5.5	5.2	5.0	4.8	4.6	4.3	4.5	4.2	4.0
Males, 20 years and over:													
Civilian labor force	42,705	42,576	42,732	42,666	42,807	42,782	42,616	42,463	42,473	42,440	42,495	42,484	42,374
Employed	40,973	40,881	41,011	40,983	41,086	41,117	41,061	40,963	41,015	41,079	41,164	41,232	41,218
Unemployed	1,732	1,695	1,721	1,683	1,721	1,665	1,555	1,500	1,458	1,361	1,331	1,252	1,156
Unemployment rate	4.1	4.0	4.0	3.9	4.0	3.9	3.6	3.5	3.4	3.2	3.1	2.9	2.7
Females, 20 years and over:													
Civilian labor force	24,873	24,869	25,246	25,020	24,922	24,871	24,567	24,650	24,731	24,331	24,284	24,588	24,566
Employed	23,535	23,605	23,899	23,618	23,589	23,705	23,416	23,535	23,560	23,325	23,185	23,600	23,552
Unemployed	1,338	1,264	1,347	1,402	1,333	1,166	1,151	1,115	1,171	1,006	1,099	988	1,014
Unemployment rate	5.4	5.1	5.3	5.6	5.3	4.7	4.7	4.5	4.7	4.1	4.5	4.0	4.1
Both sexes, 16 to 19 years:													
Civilian labor force	6,639	6,724	6,825	6,654	6,604	6,558	6,564	6,296	6,269	6,158	6,578	6,478	6,515
Employed	5,575	5,718	5,716	5,585	5,540	5,564	5,590	5,412	5,493	5,383	5,710	5,613	5,711
Unemployed	1,064	1,006	1,109	1,069	1,064	994	974	884	776	775	868	865	804
Unemployment rate	16.0	15.0	16.2	16.1	16.1	15.2	14.8	14.0	12.4	12.6	13.2	13.4	12.3
Negro and other races													
Total:													
Civilian labor force	9,335	9,268	9,243	9,223	9,181	9,132	9,185	9,245	9,233	9,220	9,245	9,197	9,211
Employed	8,456	8,382	8,367	8,347	8,358	8,283	8,378	8,469	8,470	8,443	8,512	8,438	8,549
Unemployed	879	886	876	876	823	849	807	776	763	777	733	759	662
Unemployment rate	9.4	9.6	9.5	9.5	9.0	9.3	8.8	8.4	8.3	8.4	7.9	8.3	7.2
Males, 20 years and over:													
Civilian labor force	4,746	4,705	4,786	4,784	4,742	4,732	4,766	4,770	4,778	4,721	4,716	4,669	4,681
Employed	4,454	4,388	4,436	4,425	4,458	4,412	4,460	4,494	4,490	4,444	4,451	4,417	4,466
Unemployed	292	317	350	359	284	320	306	276	288	277	265	252	215
Unemployment rate	6.2	6.7	7.3	7.5	6.0	6.8	6.4	5.8	6.0	5.9	5.6	5.4	4.6
Females, 20 years and over:													
Civilian labor force	3,754	3,800	3,708	3,654	3,655	3,606	3,647	3,680	3,661	3,684	3,692	3,696	3,700
Employed	3,437	3,470	3,419	3,388	3,372	3,346	3,383	3,416	3,416	3,429	3,427	3,428	3,455
Unemployed	317	330	289	266	283	264	264	264	245	255	265	268	245
Unemployment rate	8.4	8.7	7.8	7.3	7.7	7.2	7.2	7.2	6.7	6.9	7.2	7.3	6.6
Both sexes, 16 to 19 years:													
Civilian labor force	835	763	749	785	784	794	772	795	794	815	837	832	830
Employed	565	524	512	534	528	525	535	559	564	570	634	593	628
Unemployed	270	239	237	251	256	269	237	236	230	245	203	239	202
Unemployment rate	32.3	31.3	31.6	32.0	32.7	33.9	30.7	29.7	29.0	30.1	24.3	28.7	24.3

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

(In thousands)

Duration of unemployment	1971				1970								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sep.	Aug.	July	June	May	Apr.	Mar.
Less than 5 weeks	2,116	2,154	2,322	2,456	2,333	2,373	2,271	2,217	2,080	2,001	2,145	2,220	1,964
5 to 14 weeks	1,649	1,595	1,624	1,612	1,758	1,490	1,470	1,340	1,322	1,276	1,205	1,094	1,141
15 weeks and over	1,107	1,069	1,079	1,084	880	754	788	727	694	661	606	564	540
15 to 26 weeks	651	614	666	750	555	496	507	475	458	427	346	369	357
27 weeks and over	456	455	413	334	325	258	281	252	236	234	260	195	183
Average (mean) duration	10.8	10.4	10.4	9.7	9.3	8.5	9.0	8.8	9.0	9.4	8.8	8.2	8.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-33: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1971				1970								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Total (all civilian workers)	6.0	5.8	6.0	6.2	5.9	5.5	5.4	5.1	5.0	4.8	4.9	4.7	4.4
Men, 20 years and over	4.2	4.2	4.3	4.6	4.2	4.1	3.9	3.7	3.7	3.4	3.4	3.2	2.9
Women, 20 years and over	5.8	5.6	5.7	5.8	5.6	5.0	5.0	4.8	4.9	4.5	4.9	4.4	4.5
Both sexes, 16-19 years	17.8	16.7	17.6	17.8	17.6	17.0	16.5	15.8	14.2	14.9	14.2	15.3	13.8
White	5.6	5.3	5.6	5.6	5.5	5.2	5.0	4.8	4.6	4.3	4.5	4.2	4.0
Negro and other races	9.4	9.6	9.5	9.5	9.0	9.3	8.8	8.4	8.3	8.4	7.9	8.3	7.2
Married men	3.2	3.2	3.3	3.4	3.2	3.0	2.9	2.8	2.7	2.5	2.5	2.3	2.2
Full-time workers	5.5	5.4	5.5	5.7	5.6	5.1	5.0	4.7	4.6	4.4	4.6	4.2	4.0
Part-time workers	8.7	8.7	9.2	8.6	8.4	8.3	8.4	7.9	7.5	6.9	6.7	7.2	6.9
Unemployed 15 weeks and over ¹	1.3	1.3	1.3	1.3	1.1	.9	.9	.9	.8	.8	.7	.7	.7
State insured ²	3.9	3.7	3.7	4.2	4.6	4.5	4.2	3.7	3.5	3.7	3.6	3.0	2.7
Labor force time lost ³	6.5	6.3	6.4	6.4	6.4	6.1	5.9	5.5	5.4	4.9	5.5	5.0	4.8
Occupation													
White-collar workers	3.7	3.5	3.5	3.8	3.6	3.0	2.9	2.8	3.0	2.6	2.8	2.8	2.6
Professional and technical	3.4	3.3	3.0	2.9	2.6	1.9	2.0	1.9	2.1	1.5	2.0	2.1	2.2
Managers, officials, and proprietors	1.7	1.5	1.5	1.7	1.7	1.4	1.5	1.3	1.6	1.4	1.2	1.2	1.2
Clerical workers	4.9	4.7	4.9	5.3	5.0	4.3	4.0	3.9	4.3	4.0	3.9	3.9	3.6
Sales workers	4.4	3.9	4.1	5.1	4.9	4.0	3.9	4.0	3.9	3.4	4.3	3.9	3.4
Blue-collar workers	7.4	7.4	7.6	7.8	7.4	7.3	7.3	6.9	6.5	6.3	6.0	5.6	5.2
Craftsmen and foremen	4.9	4.3	5.1	5.0	4.5	4.0	5.3	4.4	4.3	4.0	3.9	3.5	3.1
Operatives	8.4	8.4	8.6	9.0	8.8	8.5	7.6	7.8	7.2	6.8	6.7	6.3	6.1
Nonfarm laborers	10.0	11.3	10.6	11.0	10.1	11.2	11.2	10.1	9.7	10.2	9.1	8.6	7.5
Service workers	6.0	5.9	6.4	6.2	6.0	5.7	5.7	5.5	5.3	5.1	5.0	4.9	4.9
Farm workers	2.2	3.2	3.2	3.3	2.7	2.9	3.9	2.6	2.5	1.9	3.4	2.0	2.1
Industry													
Private wage and salary workers ⁴	6.4	6.1	6.4	6.6	6.2	6.0	5.8	5.5	5.5	5.2	5.2	4.8	4.6
Construction	10.9	11.0	11.2	11.8	9.1	11.7	12.7	11.8	10.8	10.6	12.0	8.3	8.1
Manufacturing	6.9	6.8	7.2	7.6	7.3	6.7	6.1	5.8	5.8	5.3	5.2	4.7	4.7
Durable goods	7.3	7.1	7.2	8.0	8.2	7.3	6.3	5.7	5.7	5.2	4.9	4.9	4.7
Nondurable goods	6.4	6.4	7.1	7.2	6.1	5.8	5.8	5.9	6.0	5.5	5.6	4.6	4.6
Transportation and public utilities	3.3	4.0	4.6	4.1	3.6	3.5	3.0	3.1	3.3	3.3	3.1	3.7	3.1
Wholesale and retail trade	6.7	6.2	6.1	6.7	6.1	5.8	5.7	5.5	5.3	5.3	5.2	5.3	4.7
Finance and service industries	5.3	4.8	5.0	4.9	5.1	4.5	4.8	4.4	4.6	4.1	4.2	3.9	3.9
Government wage and salary workers	2.8	2.6	2.9	3.0	2.8	2.5	2.0	2.2	2.0	2.0	2.2	2.1	2.0
Agricultural wage and salary workers	6.5	9.4	9.0	9.6	8.8	8.4	9.1	8.0	7.9	5.5	9.5	5.9	6.4

¹Unemployment rate calculated as a percent of civilian labor force.

²Insured unemployment under State programs as a percent of average covered employment.

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

Sex and age	1971			1970									
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Total, 16 years and over	6.0	5.8	6.0	6.2	5.9	5.5	5.4	5.1	5.0	4.8	4.9	4.7	4.4
16 to 19 years	17.8	16.7	17.6	17.8	17.6	17.0	16.5	15.8	14.2	14.9	14.2	15.3	13.8
16 and 17 years	18.8	17.4	20.3	19.8	18.6	19.7	19.0	17.3	15.5	16.4	15.9	17.2	15.8
18 and 19 years	17.2	16.1	16.0	16.5	16.6	15.1	14.6	14.5	13.4	13.6	13.5	13.3	12.2
20 to 24 years	10.0	9.4	9.7	10.2	10.0	9.1	9.3	8.4	8.5	7.6	8.1	7.7	6.9
25 years and over	4.0	3.9	4.0	4.2	3.9	3.7	3.5	3.4	3.4	3.2	3.3	3.0	3.0
25 to 54 years	4.2	4.0	4.1	4.4	4.2	3.9	3.6	3.6	3.6	3.3	3.3	3.1	3.1
55 years and over	3.3	3.6	3.6	3.5	3.3	3.0	3.1	2.8	2.9	2.9	3.2	2.7	2.7
Males, 16 years and over	5.3	5.2	5.4	5.6	5.2	5.1	4.9	4.7	4.5	4.3	4.3	4.1	3.7
16 to 19 years	17.0	16.2	17.6	17.2	16.5	17.0	16.4	15.7	14.2	15.2	14.8	14.6	12.7
16 and 17 years	18.4	17.3	19.8	20.0	17.7	19.8	19.4	17.0	15.4	16.7	16.3	16.5	15.1
18 and 19 years	16.0	15.3	15.7	15.0	15.1	14.9	14.2	14.5	13.7	13.5	13.8	13.1	10.9
20 to 24 years	10.0	9.7	10.4	10.9	10.4	10.6	10.1	8.7	9.0	7.4	7.7	7.8	6.6
25 years and over	3.4	3.4	3.5	3.7	3.4	3.2	3.0	3.0	2.9	2.9	2.8	2.6	2.4
25 to 54 years	3.4	3.2	3.4	3.6	3.5	3.3	3.0	3.0	2.9	2.9	2.7	2.5	2.3
55 years and over	3.5	3.9	3.8	3.7	3.5	3.0	3.1	3.0	2.8	2.8	3.0	2.7	2.8
Females, 16 years and over	7.2	6.8	6.9	7.1	7.0	6.3	6.2	5.9	5.8	5.5	5.8	5.6	5.6
16 to 19 years	18.8	17.2	17.7	18.6	19.0	16.9	16.5	15.8	14.1	14.5	13.5	16.1	15.0
16 and 17 years	19.4	17.5	21.0	19.4	19.8	19.5	18.6	17.6	15.7	15.9	15.3	18.0	16.8
18 and 19 years	18.5	17.0	16.4	18.2	18.4	15.3	14.9	14.6	13.1	13.6	13.0	13.5	13.7
20 to 24 years	10.1	9.1	9.0	9.3	9.6	7.4	8.2	8.1	8.0	7.9	8.6	7.6	7.2
25 years and over	5.0	4.8	4.9	5.1	4.8	4.6	4.3	4.2	4.3	3.8	4.1	3.8	4.0
25 to 54 years	5.6	5.3	5.2	5.7	5.4	5.0	4.7	4.6	4.7	4.2	4.3	4.1	4.4
55 years and over	3.1	3.1	3.3	3.1	2.9	3.0	3.0	2.6	3.0	3.0	3.5	2.7	2.5

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

(Numbers in thousands)

Reason for unemployment	1971			1970									
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Number of unemployed													
Lost last job	2,185	2,288	2,281	2,536	2,385	2,208	2,099	1,974	1,824	1,845	1,796	1,578	1,480
Left last job	594	652	643	614	607	590	540	563	600	559	543	552	478
Reentered labor force	1,537	1,296	1,497	1,472	1,397	1,214	1,335	1,269	1,283	1,086	1,168	1,186	1,189
Never worked before	648	570	633	581	636	571	552	512	455	470	462	497	460
Percent distribution													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	44.0	47.6	45.1	48.7	47.5	48.2	46.4	45.7	43.8	46.6	45.3	41.4	41.0
Left last job	12.0	13.6	12.7	11.8	12.1	12.9	11.9	13.0	14.4	14.1	13.7	14.5	13.3
Reentered labor force	31.0	27.0	29.6	28.3	27.8	26.5	29.5	29.4	30.8	27.4	29.4	31.1	33.0
Never worked before	13.1	11.9	12.5	11.2	12.7	12.5	12.2	11.9	10.9	11.9	11.6	13.0	12.8
Unemployed as a percent of the civilian labor force													
Lost last job	2.6	2.7	2.7	3.0	2.9	2.7	2.5	2.4	2.2	2.2	2.2	1.9	1.8
Left last job .....	.7	.8	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6
Reentered labor force	1.8	1.6	1.8	1.8	1.7	1.5	1.6	1.5	1.6	1.3	1.4	1.4	1.4
Never worked before .....	.8	.7	.8	.7	.8	.7	.7	.6	.6	.6	.6	.6	.6

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(In thousands)

Sex and age	1971					1970							
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Total													
16 years and over	78,475	78,537	78,864	78,463	78,550	78,691	78,479	78,508	78,574	78,299	78,601	78,886	78,969
16 to 19 years	6,126	6,249	6,228	6,110	6,052	6,076	6,120	5,992	6,071	5,959	6,359	6,210	6,316
16 and 17 years	2,627	2,709	2,684	2,544	2,541	2,531	2,586	2,540	2,556	2,505	2,688	2,642	2,711
18 and 19 years	3,517	3,555	3,555	3,559	3,528	3,559	3,544	3,413	3,486	3,457	3,655	3,571	3,632
20 to 24 years	9,839	9,795	9,926	9,879	9,859	9,940	9,858	9,778	9,707	9,617	9,626	9,597	9,591
25 years and over	62,533	62,489	62,722	62,461	62,646	62,679	62,506	62,731	62,790	62,743	62,618	63,063	63,080
25 to 54 years	48,495	48,619	48,667	48,436	48,577	48,592	48,489	48,655	48,697	48,659	48,665	48,875	48,818
55 years and over	14,072	13,928	14,237	14,064	14,015	14,054	13,980	14,035	14,044	13,996	14,006	14,161	14,282
Male													
16 years and over	48,793	48,725	48,908	48,870	48,964	48,870	48,898	48,754	48,858	48,824	49,073	49,088	49,217
16 to 19 years	3,382	3,488	3,483	3,505	3,433	3,339	3,368	3,282	3,351	3,278	3,457	3,431	3,546
16 and 17 years	1,476	1,577	1,561	1,537	1,489	1,439	1,484	1,455	1,500	1,465	1,517	1,529	1,562
18 and 19 years	1,915	1,920	1,924	1,973	1,956	1,914	1,890	1,793	1,834	1,820	1,954	1,888	1,996
20 to 24 years	5,405	5,322	5,365	5,400	5,342	5,299	5,308	5,250	5,209	5,192	5,213	5,159	5,155
25 years and over	40,027	39,926	40,038	39,997	40,165	40,230	40,235	40,234	40,280	40,346	40,415	40,489	40,531
25 to 54 years	31,070	31,148	31,094	31,132	31,281	31,290	31,301	31,248	31,298	31,292	31,360	31,380	31,371
55 years and over	8,943	8,812	9,007	8,901	8,900	8,938	8,927	8,957	8,979	8,996	9,066	9,114	9,147
Female													
16 years and over	29,682	29,812	29,956	29,593	29,586	29,821	29,581	29,754	29,716	29,475	29,528	29,798	29,752
16 to 19 years	2,744	2,761	2,745	2,605	2,619	2,737	2,752	2,710	2,720	2,681	2,902	2,779	2,770
16 and 17 years	1,151	1,132	1,123	1,007	1,052	1,092	1,102	1,085	1,056	1,040	1,171	1,113	1,149
18 and 19 years	1,602	1,635	1,631	1,586	1,572	1,645	1,654	1,620	1,652	1,637	1,701	1,683	1,636
20 to 24 years	4,434	4,473	4,561	4,479	4,517	4,641	4,550	4,528	4,498	4,425	4,413	4,438	4,436
25 years and over	22,506	22,563	22,684	22,464	22,481	22,449	22,271	22,497	22,510	22,397	22,203	22,574	22,549
25 to 54 years	17,425	17,471	17,573	17,304	17,296	17,302	17,188	17,407	17,399	17,367	17,305	17,495	17,447
55 years and over	5,129	5,116	5,230	5,163	5,115	5,116	5,053	5,078	5,065	5,000	4,940	5,047	5,135

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

(In thousands)

Occupation group	1971					1970							
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
White-collar workers	37,838	37,791	38,086	38,107	38,165	38,110	38,003	37,950	38,027	38,006	37,932	38,003	37,927
Professional and technical	10,837	10,907	10,777	11,132	11,156	11,172	11,234	11,280	11,246	11,175	11,088	11,155	11,026
Managers, officials, and proprietors	8,662	8,573	8,729	8,408	8,378	8,349	8,246	8,248	8,308	8,294	8,336	8,214	8,268
Clerical workers	13,247	13,265	13,474	13,613	13,700	13,671	13,647	13,543	13,622	13,696	13,700	13,834	13,856
Sales workers	5,092	5,046	5,106	4,954	4,931	4,918	4,876	4,879	4,851	4,841	4,808	4,800	4,777
Blue-collar workers	26,999	27,196	27,023	27,444	27,695	27,736	27,580	27,683	27,662	27,493	27,736	27,971	28,181
Craftsmen and foremen	10,045	10,291	9,985	10,149	10,163	10,205	10,149	10,090	10,093	10,098	10,097	10,180	10,343
Operatives	12,899	12,841	12,931	13,583	13,747	13,895	13,728	13,811	13,840	13,845	13,920	14,050	14,047
Nonfarm laborers	4,055	4,064	4,107	3,712	3,785	3,636	3,703	3,782	3,729	3,550	3,719	3,741	3,792
Service workers	10,681	10,621	10,749	9,799	9,728	9,834	9,915	9,776	9,682	9,595	9,634	9,628	9,678
Farmers and farm laborers	2,991	2,944	3,026	3,080	2,990	2,997	3,095	3,086	3,174	3,204	3,221	3,204	3,191

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							Government		
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Total	Federal	State and local
								Total	Wholesale trade	Retail trade					
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	22,683	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	31,969	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	19,474	751	2,778	15,945	31,890	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,915	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.....	70,274	24,225	619	3,437	20,169	46,048	4,431	14,645	3,738	10,907	3,557	11,211	12,204	2,758	9,446
1970.....	70,664	23,362	622	3,347	19,393	47,301	4,498	14,950	3,849	11,102	3,679	11,577	12,597	2,705	9,891
1970:Mar.	70,460	23,565	610	3,161	19,794	46,895	4,443	14,700	3,797	10,903	3,639	11,433	12,680	2,758	9,922
Apr.	70,758	23,529	616	3,286	19,627	47,229	4,432	14,818	3,803	11,015	3,658	11,564	12,757	2,838	9,919
May	70,780	23,396	620	3,344	19,432	47,384	4,469	14,878	3,813	11,065	3,670	11,641	12,726	2,765	9,961
June	71,385	23,766	635	3,504	19,627	47,619	4,561	14,994	3,872	11,122	3,708	11,717	12,639	2,710	9,929
July	70,602	23,532	635	3,572	19,325	47,070	4,593	14,924	3,902	11,022	3,738	11,698	12,117	2,700	9,417
Aug.	70,527	23,688	636	3,606	19,446	46,839	4,574	14,869	3,886	10,983	3,732	11,648	12,016	2,675	9,341
Sept.	70,922	23,640	628	3,500	19,512	47,282	4,561	14,936	3,869	11,067	3,695	11,634	12,456	2,649	9,807
Oct.	70,692	22,943	622	3,471	18,850	47,749	4,527	15,038	3,884	11,154	3,689	11,677	12,818	2,643	10,175
Nov.	70,644	22,647	623	3,379	18,645	47,997	4,515	15,191	3,886	11,305	3,697	11,660	12,934	2,648	10,286
Dec.	71,234	22,711	621	3,226	18,864	48,523	4,446	15,744	3,890	11,854	3,704	11,645	12,984	2,693	10,291
1971:Jan.	69,622	22,143	611	2,910	18,622	47,479	4,427	14,899	3,837	11,062	3,701	11,554	12,898	2,640	10,258
Feb P	68,503	21,983	607	2,819	18,557	47,520	4,438	14,749	3,823	10,926	3,708	11,609	13,016	2,646	10,370
Mar P	69,782	22,046	606	2,932	18,508	47,736	4,456	14,814	3,835	10,979	3,727	11,674	13,065	2,646	10,419

p=preliminary.

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

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2: Employees on nonagricultural payrolls, by industry

SIC CODE	Industry	(In thousands)									
		All employees					Production workers ¹				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
-	TOTAL	69,782	69,503	69,622	70,460	70,029	-	-	-	-	-
-	PRIVATE SECTOR	56,717	56,487	56,724	57,780	57,447	46,669	46,459	46,670	47,648	47,316
-	MINING	606	607	611	610	608	457	458	462	462	461
10	METAL MINING	-	93.1	93.5	92.4	91.9	-	74.3	75.0	74.6	74.4
101	Iron ores	-	24.8	25.0	25.2	25.2	-	20.1	20.2	20.4	20.5
102	Copper ores	-	38.0	37.9	35.9	35.3	-	30.0	30.1	28.8	28.5
11,12	COAL MINING	-	152.9	152.3	140.1	139.1	-	132.1	131.8	121.4	120.7
12	Bituminous coal and lignite mining	-	147.3	146.7	134.5	133.5	-	127.2	126.8	116.4	115.7
13	OIL AND GAS EXTRACTION	-	254.4	258.2	265.9	269.7	-	165.7	168.5	175.6	179.0
131,2	Crude petroleum and natural gas fields	-	138.2	138.2	140.9	141.2	-	70.9	70.3	72.7	72.9
138	Oil and gas field services	-	116.2	120.0	125.0	128.5	-	94.8	98.2	102.9	106.1
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	106.1	106.7	111.3	107.4	-	85.5	86.4	90.8	87.1
142	Crushed and broken stone	-	36.5	36.6	38.2	36.6	-	29.8	30.2	31.8	30.3
144	Sand and gravel	-	33.3	34.1	34.8	33.4	-	-	-	-	-
-	CONTRACT CONSTRUCTION	2,932	2,819	2,910	3,161	3,071	2,392	2,283	2,367	2,611	2,525
15	GENERAL BUILDING CONTRACTORS	-	818.0	855.2	956.0	938.8	-	663.4	697.9	794.4	777.7
16	HEAVY CONSTRUCTION CONTRACTORS	-	549.2	562.3	607.7	572.6	-	443.5	456.4	500.0	465.2
161	Highway and street construction	-	197.4	201.2	233.3	210.4	-	161.8	165.2	195.5	173.2
162	Heavy construction, n e c	-	351.8	361.1	374.4	362.2	-	281.7	291.2	304.5	292.0
17	SPECIAL TRADE CONTRACTORS	-	1,452.2	1,492.4	1,596.9	1,559.8	-	1,175.6	1,212.7	1,316.7	1,282.4
171	Plumbing, heating, air conditioning	-	370.0	379.8	395.7	394.5	-	292.0	301.6	317.8	316.4
172	Painting, paper hanging, decorating	-	95.2	96.9	116.2	111.0	-	79.9	80.8	99.8	95.0
173	Electrical work	-	265.7	272.0	279.2	278.2	-	208.3	213.7	223.3	222.0
174	Masonry, stonework, and plastering	-	182.6	184.7	215.4	208.4	-	161.8	163.7	193.9	186.8
176	Roofing and sheet metal work	-	98.7	104.7	110.7	108.0	-	78.9	84.5	90.3	87.8
-	MANUFACTURING	18,508	18,557	18,622	19,794	19,770	13,357	13,395	13,432	14,385	14,346
19,24,25, 32-39	DURABLE GOODS	10,541	10,606	10,665	11,607	11,573	7,538	7,595	7,634	8,379	8,327
20-23, 26-31	NONDURABLE GOODS	7,967	7,951	7,957	8,187	8,197	5,819	5,800	5,798	6,006	6,019
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	201.3	205.9	215.0	271.0	277.6	101.8	105.1	111.9	150.2	155.4
192	Ammunition, except for small arms	143.9	147.4	150.5	193.0	198.2	68.5	71.1	73.1	100.3	104.1
1925	Complete guided missiles	-	94.0	94.7	109.3	111.5	-	29.3	29.5	33.7	34.8
1929	Ammunition, exc. for small arms, nec	-	53.4	55.8	83.7	86.7	-	41.8	43.6	66.6	69.3
24	LUMBER AND WOOD PRODUCTS	567.9	557.4	552.1	578.6	579.2	487.3	477.2	472.6	497.6	497.8
241	Logging camps & logging contractors	(*)	67.6	66.9	74.6	75.8	-	-	-	-	-
242	Sawmills and planing mills	207.1	204.7	203.8	216.7	216.1	187.5	185.4	184.5	196.7	196.0
2421	Sawmills and planing mills, general	-	172.8	172.2	181.8	180.8	-	156.7	156.2	165.3	164.2
243	Millwork, plywood & related products	167.2	166.3	164.0	161.9	162.5	138.4	137.7	135.6	133.5	134.0
2431	Millwork	-	72.3	71.2	69.5	70.6	-	57.8	56.8	55.3	56.2
2432	Veneer and plywood	-	73.5	72.0	71.6	72.0	-	65.7	64.2	63.8	64.3
244	Wooden containers	30.8	31.0	30.9	34.8	34.7	27.1	27.5	27.3	30.9	30.7
2441,2	Wooden boxes, shooks, and crates	-	24.5	24.3	27.4	27.5	-	21.7	21.4	24.3	24.3
249	Miscellaneous wood products	86.8	87.8	86.5	90.6	90.1	71.9	72.7	71.7	76.2	75.7

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 ¹				
		Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES	447.8	447.9	449.8	468.6	470.3	367.0	367.5	369.8	387.6	388.4
251	Household furniture.....	320.4	319.8	320.5	326.6	326.6	270.2	270.2	271.2	277.1	276.9
2511	Wood household furniture.....	—	158.0	160.6	162.7	162.7	—	137.9	140.3	143.1	143.2
2512	Upholstered household furniture.....	—	87.8	87.1	86.7	87.1	—	73.1	73.1	72.0	72.4
2515	Mattresses and bedsprings.....	—	37.4	37.0	37.5	38.0	—	28.9	28.4	29.2	29.6
252	Office furniture.....	—	32.4	32.8	39.7	40.3	—	24.5	25.1	31.1	31.7
254	Partitions and fixtures.....	—	48.4	48.7	51.4	51.5	—	36.8	37.1	40.1	39.9
253,9	Other furniture and fixtures.....	46.8	47.3	47.8	50.9	51.9	35.8	36.0	36.4	39.3	39.9
32	STONE, CLAY, AND GLASS PRODUCTS ...	601.6	604.8	605.4	635.1	632.9	474.5	475.5	477.1	503.1	500.5
321	Flat glass.....	—	24.6	24.3	24.4	25.2	—	18.1	17.9	18.0	18.8
322	Glass and glassware, pressed or blown...	125.9	126.0	127.0	129.6	129.2	108.3	108.0	109.1	112.8	112.4
3221	Glass containers.....	—	71.4	73.2	73.1	72.6	—	62.3	64.1	65.1	64.6
3229	Pressed and blown glass, n e c.....	—	54.6	53.8	56.5	56.6	—	45.7	45.0	47.7	47.8
324	Cement, hydraulic.....	31.2	31.3	31.5	33.6	33.2	24.1	24.1	24.2	25.7	25.4
325	Structural clay products.....	(*)	53.8	54.2	57.8	57.2	(*)	43.3	44.0	46.7	45.9
3251	Brick and structural clay tile.....	—	23.3	23.9	24.8	24.4	—	19.7	20.5	21.4	20.8
326	Pottery and related products.....	—	40.6	40.8	45.3	45.2	—	33.7	34.0	37.9	37.7
327	Concrete, gypsum, and plaster products...	(*)	168.6	168.3	178.5	175.8	(*)	128.9	129.1	137.2	134.7
328,9	Other stone and nonmetallic mineral products	(*)	132.4	131.5	138.9	139.3	(*)	97.9	97.2	103.7	103.7
3291	Abrasive products.....	—	24.4	24.8	27.2	27.5	—	16.4	16.9	18.8	18.9
33	PRIMARY METAL INDUSTRIES	1,242.2	1,251.9	1,247.2	1,338.1	1,346.6	986.7	991.8	986.1	1,065.5	1,072.0
331	Blast furnace and basic steel products...	(*)	609.6	604.0	635.6	637.8	(*)	488.3	482.4	506.6	507.9
3312	Blast furnaces and steel mills.....	—	533.5	528.7	554.9	556.6	—	429.3	424.1	444.3	445.4
332	Iron and steel foundries.....	215.5	216.1	217.1	235.3	238.1	177.9	178.3	179.3	197.1	199.4
3321	Gray iron foundries.....	—	135.0	135.0	147.0	149.0	—	113.1	113.0	125.2	127.0
3322	Malleable iron foundries.....	—	21.7	22.6	22.6	23.3	—	17.9	19.0	18.7	19.3
3323	Steel foundries.....	—	59.4	59.5	65.7	65.8	—	47.3	47.3	53.2	53.1
333,4	Nonferrous metals.....	81.8	82.6	83.2	86.2	85.9	63.1	63.8	64.0	66.7	66.3
3334	Primary aluminum.....	—	28.6	29.3	30.9	30.6	—	23.2	23.6	25.3	24.9
335	Nonferrous rolling and drawing.....	201.5	201.2	200.2	218.3	219.1	148.3	148.0	146.7	163.3	164.1
3351	Copper rolling and drawing.....	—	39.4	39.5	45.0	45.4	—	28.8	28.7	33.6	34.1
3352	Aluminum rolling and drawing.....	—	64.4	64.1	70.6	71.0	—	46.9	46.1	51.7	52.0
3357	Nonferrous wire drawing and insulating...	—	76.4	75.4	79.1	79.1	—	57.8	57.2	61.2	61.3
336	Nonferrous foundries.....	(*)	75.6	75.3	87.9	90.3	(*)	61.2	61.0	72.4	74.5
3361	Aluminum castings.....	—	39.4	39.0	46.8	47.3	—	32.5	32.1	39.5	39.8
3362,9	Other nonferrous castings.....	—	36.2	36.3	41.1	43.0	—	28.7	28.9	32.9	34.7
339	Miscellaneous primary metal products...	65.6	66.8	67.4	74.8	75.4	51.3	52.2	52.7	59.4	59.8
3391	Iron and steel forgings.....	—	45.0	45.6	49.0	49.3	—	35.6	36.1	39.1	39.3
34	FABRICATED METAL PRODUCTS	1,303.1	1,329.8	1,334.0	1,416.1	1,421.1	984.5	1,007.8	1,011.1	1,079.5	1,084.8
341	Metal cans.....	(*)	70.3	70.2	70.5	69.7	(*)	59.9	60.0	58.7	57.9
342	Cutlery, hand tools, and hardware.....	153.9	153.4	154.1	160.9	162.2	119.6	118.9	119.8	123.9	125.4
3421,3,5	Cutlery and hand tools, incl. saws.....	—	64.1	64.1	68.3	68.0	—	49.4	49.3	52.6	52.3
3429	Hardware, n e c.....	—	89.3	90.0	92.6	94.2	—	69.5	70.5	71.3	73.1
343	Plumbing and heating, except electric...	80.6	79.4	79.0	84.4	84.6	59.7	58.4	57.3	62.2	62.6
3431,2	Sanitary ware & plumbers' brass goods...	—	35.1	34.6	37.3	37.6	—	27.7	27.0	29.7	29.8
3433	Heating equipment, except electric.....	—	44.3	44.4	47.1	47.0	—	30.7	30.3	32.5	32.8
344	Fabricated structural metal products.....	402.4	402.7	405.7	425.3	425.3	285.1	285.2	288.3	305.1	305.9
3441	Fabricated structural steel.....	—	105.8	105.5	109.2	109.2	—	78.0	77.6	80.1	80.4
3442	Metal doors, sash, and trim.....	—	62.0	62.3	64.6	64.5	—	43.8	44.7	45.8	46.1
3443	Fabricated plate work (boiler shops).....	—	118.1	118.5	121.7	121.4	—	82.5	82.6	86.1	85.7
3444	Sheet metal work.....	—	73.2	74.8	81.6	81.7	—	51.1	52.6	59.0	59.0
3446,9	Architectural and misc. metal work.....	—	43.6	44.6	48.2	48.5	—	29.8	30.8	34.1	34.7
345	Screw machine products, bolts, etc.....	101.0	100.6	100.8	115.5	116.3	78.0	77.3	77.5	89.9	91.0
3451	Screw machine products.....	—	43.9	44.3	51.3	51.5	—	35.7	36.1	43.0	43.4
3452	Bolts, nuts, rivets, and washers.....	—	56.7	56.5	64.2	64.8	—	41.6	41.4	46.9	47.6
346	Metal stampings.....	223.5	224.8	227.1	240.3	243.6	179.0	179.9	181.5	193.1	195.5
347	Metal services, n e c.....	—	81.7	81.2	91.9	92.4	—	66.4	66.6	66.3	75.5
348	Misc. fabricated wire products.....	63.8	63.4	62.9	67.3	67.9	50.2	50.0	49.4	53.6	54.0
349	Misc. fabricated metal products.....	154.8	153.5	153.0	160.0	159.1	112.8	111.6	111.0	117.5	116.8
3494,8	Valves, pipe, and pipe fittings.....	—	92.3	91.9	95.5	95.6	—	64.7	64.3	67.6	67.5

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees									
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	1,794.5	1,810.1	1,819.5	2,058.3	2,055.9	1,171.9	1,187.8	1,192.0	1,394.6	1,393.6
351	Engines and turbines	105.7	106.0	106.0	111.4	111.4	70.2	70.4	70.4	77.5	77.0
3511	Stream engines and turbines	-	35.2	35.0	38.8	38.1	-	18.9	18.7	24.0	23.0
3519	Internal combustion engines, n e c	-	70.8	71.0	72.6	73.3	-	51.5	51.7	53.5	54.0
352	Farm machinery	-	124.3	122.5	137.0	136.5	-	88.0	86.1	98.4	97.9
353	Construction and related machinery	274.6	273.2	274.0	300.3	300.7	178.2	176.7	177.0	200.9	201.2
3531,2	Construction and mining machinery	-	143.3	143.2	158.2	158.2	-	96.3	96.1	110.1	110.2
3533	Oil field machinery	-	44.9	44.8	47.4	47.4	-	30.3	30.1	32.9	32.9
3535,6	Conveyors, hoists, cranes, monorails	-	39.1	39.6	44.0	44.0	-	23.3	23.7	27.1	27.2
3537	Industrial trucks and tractors	-	30.1	30.5	35.2	35.7	-	18.6	18.9	22.6	23.0
354	Metal working machinery	(*)	280.2	284.0	346.3	346.7	(*)	201.8	204.5	258.1	258.9
3541	Machine tools, metal cutting types	-	57.3	58.2	77.4	78.6	-	36.3	37.1	51.9	53.2
3544	Special dies, tools, jigs, & fixtures	-	104.9	105.4	129.4	128.4	-	83.5	83.7	106.1	105.5
3545	Machine tool accessories	-	47.8	48.9	59.2	59.0	-	33.2	33.7	43.0	42.8
3542,8	Misc. metal working machinery	-	70.2	71.5	80.3	80.7	-	48.8	50.0	57.1	57.4
355	Special industry machinery	175.5	177.3	178.9	203.0	204.2	112.8	114.4	115.1	133.8	134.6
3551	Food products machinery	-	40.5	40.8	44.0	44.2	-	25.3	25.3	28.4	28.3
3552	Textile machinery	-	32.9	33.1	39.2	39.9	-	24.4	24.3	29.1	29.8
3555	Printing trades machinery	-	29.5	29.9	33.9	34.0	-	18.1	18.3	21.6	21.7
356	General industrial machinery	253.2	254.4	256.6	292.7	293.3	165.8	166.7	168.7	195.7	196.6
3561	Pumps and compressors	-	67.0	68.3	77.5	77.5	-	39.6	40.5	45.8	45.7
3562	Ball and roller bearings	-	51.5	51.5	62.2	62.7	-	38.8	38.8	48.0	48.6
3564	Blowers and fans	-	30.3	30.6	32.3	32.4	-	19.1	19.5	20.8	21.0
3566	Power transmission equipment	-	48.0	48.9	54.2	54.2	-	33.8	34.7	39.0	39.1
357	Office and computing machines	256.8	258.3	261.9	293.1	291.7	119.4	121.9	123.5	148.6	148.9
3573	Electronic computing equipment	-	175.0	175.8	195.4	193.9	-	64.6	64.9	77.6	77.6
358	Service industry machines	132.0	132.3	132.5	145.1	143.5	91.7	92.3	92.0	103.0	101.5
3585	Refrigeration machinery	-	86.0	86.3	96.4	94.5	-	60.4	60.5	69.2	67.5
359	Misc. machinery, except electrical	203.5	204.1	203.1	229.4	227.9	155.0	155.6	154.7	178.6	177.0
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,770.4	1,787.7	1,799.7	1,983.2	1,995.2	1,160.1	1,177.1	1,186.8	1,313.3	1,320.4
361	Electric test & distributing equipment	202.1	203.3	207.0	221.6	221.8	136.0	137.3	140.5	151.8	150.8
3611	Electric measuring instruments	-	64.3	65.3	74.1	75.5	-	39.0	40.0	46.6	47.2
3612	Transformers	-	54.8	55.9	59.9	59.0	-	39.4	40.1	43.7	42.6
3613	Switchgear and switchboard apparatus	-	84.2	85.8	87.6	87.3	-	58.9	60.4	61.5	61.0
362	Electrical industrial apparatus	(*)	201.6	204.0	226.8	226.0	(*)	136.4	138.8	157.6	154.9
3621	Motors and generators	-	106.5	107.5	118.9	117.5	-	73.5	74.9	84.0	82.1
3622	Industrial controls	-	54.9	55.8	64.0	64.9	-	34.4	35.0	41.7	41.2
363	Household appliances	(*)	174.6	169.4	184.2	182.0	(*)	137.4	132.4	148.2	146.3
3632	Household refrigerators and freezers	-	56.7	49.6	58.7	58.3	-	46.4	39.4	49.8	49.5
3633	Household laundry equipment	-	25.8	28.5	27.7	28.0	-	20.6	23.1	22.4	22.6
3634	Electric housewares and fans	-	42.0	41.6	45.7	44.5	-	32.5	32.2	36.0	34.7
364	Electric lighting and wiring equipment	196.3	194.7	195.7	212.2	213.2	150.5	149.3	150.3	165.6	165.5
3641	Electric lamps	-	45.7	46.1	47.5	46.3	-	40.4	40.6	42.5	41.4
3642	Lighting fixtures	-	63.2	63.1	66.2	66.5	-	48.1	48.1	51.0	51.3
3643,4	Wiring devices	-	85.8	86.5	98.5	100.4	-	60.8	61.6	72.1	72.8
365	Radio and TV receiving equipment	129.3	130.0	134.2	132.1	136.6	93.4	95.0	99.7	94.0	98.2
366	Communication equipment	(*)	453.2	457.8	511.6	514.4	(*)	229.0	231.5	250.3	252.1
3661	Telephone and telegraph apparatus	-	165.6	166.1	159.1	156.8	-	110.5	110.6	105.2	103.9
3662	Radio and TV communication equipment	-	287.6	291.6	352.5	357.6	-	118.5	120.9	145.1	148.2
367	Electronic components and accessories	(*)	315.8	316.7	375.5	379.8	(*)	205.8	206.3	254.7	259.5
3671-3	Electron tubes	-	61.4	61.6	65.5	65.7	-	43.0	43.1	44.3	44.3
3674,9	Other electronic components	-	254.4	255.1	310.0	314.1	-	162.8	163.2	210.4	215.2
369	Misc. electrical equipment & supplies	(*)	114.5	114.9	119.2	121.4	(*)	86.9	87.3	91.1	93.1
3694	Engine electrical equipment	-	59.2	59.4	61.7	63.1	-	45.9	46.1	47.5	49.0
37	TRANSPORTATION EQUIPMENT	1,789.4	1,782.2	1,813.3	1,963.4	1,901.1	1,250.7	1,243.7	1,266.5	1,372.5	1,301.4
371	Motor vehicles and equipment	(*)	869.1	884.1	883.9	811.5	(*)	671.1	684.5	684.3	609.8
3711	Motor vehicles	-	384.0	391.9	389.9	331.7	-	276.5	283.5	288.4	230.3
3712	Passenger car bodies	-	63.0	66.1	59.4	45.6	-	54.7	57.6	49.8	34.8
3713	Truck and bus bodies	-	38.0	37.6	40.0	39.3	-	30.4	29.7	32.6	31.8
3714	Motor vehicle parts and accessories	-	364.0	367.2	366.0	365.0	-	294.9	298.1	291.7	290.1
3715	Truck trailers	-	20.1	21.3	28.6	29.9	-	14.6	15.6	21.8	22.8
372	Aircraft and parts	594.2	602.5	616.7	743.6	754.0	318.1	325.5	333.6	417.0	421.4
3721	Aircraft	-	332.7	339.7	419.9	431.3	-	170.9	174.9	227.7	233.8
3722	Aircraft engines and engine parts	-	165.3	169.0	192.5	189.3	-	87.2	89.5	104.1	100.9
3723,9	Other aircraft parts and equipment	-	104.5	108.0	131.2	133.4	-	67.4	69.2	85.2	86.7
373	Ship and boat building and repairing	156.2	158.5	163.9	180.8	183.5	124.1	126.4	130.7	145.9	147.8
3731	Ship building and repairing	-	123.3	130.7	138.4	139.4	-	98.3	104.1	111.8	112.6

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 ¹				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
<i>Durable Goods--Continued</i>											
TRANSPORTATION EQUIPMENT--Continued											
3732	Boat building and repairing	-	35.2	33.2	42.4	44.1	-	28.1	26.6	34.1	35.2
374	Railroad equipment	-	49.8	49.5	53.9	52.9	-	38.1	37.9	42.0	41.0
375.9	Other transportation equipment	-	102.3	99.1	101.2	99.2	-	82.6	79.8	83.3	81.4
38	INSTRUMENTS AND RELATED PRODUCTS	425.5	432.5	436.6	471.3	471.3	251.8	258.6	261.0	288.9	288.3
381	Engineering & scientific instruments	-	61.6	62.1	71.9	72.6	-	29.8	30.0	34.5	34.7
382	Mechanical measuring & control devices	98.7	99.4	101.5	113.6	114.3	58.7	59.5	60.7	71.1	71.6
3821	Mechanical measuring devices	-	62.4	63.4	71.7	72.1	-	35.1	35.5	42.4	42.7
3822	Automatic temperature controls	-	37.0	38.1	41.9	42.2	-	24.4	25.2	28.7	28.9
383.5	Optical and ophthalmic goods	49.8	50.4	50.7	55.5	54.9	34.1	34.5	34.9	38.9	38.5
385	Ophthalmic goods	-	34.3	34.6	36.1	35.8	-	25.6	25.9	27.3	27.1
384	Medical instruments and supplies	84.4	85.9	85.9	85.0	84.7	55.5	57.0	57.0	57.2	57.2
386	Photographic equipment and supplies	(*)	104.6	105.8	110.7	111.3	(*)	53.2	54.0	58.9	58.9
387	Watches, clocks, and watchcases	-	30.6	30.6	34.6	33.5	-	24.6	24.4	28.3	27.4
MISCELLANEOUS MANUFACTURING INDUSTRIES											
39	Jewelry, silverware, and plated ware	397.0	396.0	392.6	423.0	421.4	301.2	302.7	299.0	326.1	324.8
391	Toys and sporting goods	49.3	49.0	48.9	52.2	52.8	36.3	36.2	36.2	39.3	39.7
394	Games, toys, dolls, & play vehicles	-	102.8	99.3	111.0	109.0	-	81.6	78.0	88.4	86.7
3941.3	Sporting and athletic goods, n e c	-	53.3	50.6	58.1	56.7	-	41.6	38.8	45.6	44.4
3949	Pens, pencils, office, and art supplies	-	49.5	48.7	52.9	52.3	-	40.0	39.2	42.8	42.3
395	Costume jewelry and notions	-	31.9	32.4	35.3	35.4	-	22.2	22.8	25.5	25.6
396	Other manufacturing industries	157.4	158.0	158.4	167.4	166.6	118.1	118.9	119.1	126.1	125.6
393.9	Musical instruments and parts	-	20.5	21.0	23.1	23.2	-	16.0	16.4	18.1	18.3
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	1,704.6	1,696.3	1,711.7	1,735.6	1,739.9	1,127.9	1,119.7	1,134.1	1,152.7	1,156.3
201	Meat products	333.6	333.1	338.9	332.2	333.0	272.1	271.8	277.3	268.1	268.2
2011	Meat packing plants	-	179.6	182.1	182.8	183.2	-	143.1	145.5	143.4	143.2
2013	Sausages and other prepared meats	-	60.5	60.9	58.5	58.8	-	44.6	44.8	42.1	42.3
2015	Poultry dressing plants	-	93.0	95.9	90.9	91.0	-	84.1	87.0	82.6	82.7
202	Dairy products	231.6	230.5	231.8	239.0	238.7	110.0	108.7	109.6	112.5	112.1
2024	Ice cream and frozen desserts	-	21.7	21.7	22.2	21.8	-	11.0	11.0	11.3	11.0
2026	Fluid milk	-	164.5	165.5	171.9	171.9	-	63.5	64.1	66.5	66.4
203	Canned, cured, and frozen foods	-	231.0	232.2	246.9	243.3	-	183.9	185.3	202.2	198.3
2031.6	Canned, cured, and frozen sea foods	-	35.0	32.1	40.4	41.0	-	30.2	26.8	35.2	35.9
2032.3	Canned food, except sea foods	-	103.9	105.5	108.2	107.5	-	77.3	79.0	82.5	82.0
2037	Frozen fruits and vegetables	-	61.1	61.8	68.1	64.3	-	52.2	53.5	60.9	56.5
204	Grain mill products	136.2	136.2	136.6	134.2	134.7	95.5	95.9	97.1	95.1	95.5
2041	Flour and other grain mill products	-	29.0	29.2	29.0	29.1	-	21.4	21.8	21.4	21.5
2042	Prepared feeds for animals and fowls	-	65.9	65.8	64.2	64.6	-	43.2	43.5	42.7	42.9
205	Bakery products	275.4	275.1	275.7	280.3	281.8	161.3	161.1	161.8	165.0	166.3
2051	Bread, cake, and related products	-	228.8	229.0	232.5	233.6	-	123.7	124.2	126.0	126.5
2052	Cookies and crackers	-	46.3	46.7	47.8	48.2	-	37.4	37.6	39.0	39.8
206	Sugar	-	36.7	41.0	36.4	42.9	-	28.2	32.2	28.0	34.3
207	Confectionery and related products	78.6	80.3	80.1	85.5	87.3	62.8	64.5	64.1	69.5	71.6
2071	Confectionery products	-	64.3	63.9	69.1	70.9	-	52.5	51.9	57.4	59.4
208	Beverages	233.9	232.2	234.2	236.9	233.0	116.0	114.3	115.6	119.2	116.1
2082	Malt liquors	-	56.5	56.6	59.4	58.4	-	37.1	37.3	39.4	38.3
2086	Bottled and canned soft drinks	-	129.8	130.7	129.7	128.1	-	46.9	47.4	47.4	46.7
209	Misc. foods and kindred products	139.3	141.2	141.2	144.2	145.2	89.9	91.3	91.1	93.1	93.9
21	TOBACCO MANUFACTURES	69.6	73.0	75.4	73.8	77.4	57.3	60.4	62.4	60.4	63.9
211	Cigarettes	-	40.3	40.6	41.0	40.2	-	32.5	32.7	33.1	32.5
212	Cigars	-	16.3	16.1	17.7	17.8	-	14.8	14.4	16.0	16.2
22	TEXTILE MILL PRODUCTS	940.5	940.9	941.2	977.3	979.9	824.3	824.8	825.6	858.2	861.0
221	Weaving mills, cotton	219.2	220.4	221.5	222.5	223.2	198.8	199.7	201.2	202.2	203.0
222	Weaving mills, synthetics	93.2	93.2	93.3	98.1	99.4	82.2	82.2	82.1	86.6	87.9
223	Weaving and finishing mills, wool	32.2	32.4	32.7	41.3	40.9	27.0	27.3	27.7	35.3	35.0
224	Narrow fabric mills	29.3	29.4	29.5	31.0	31.0	25.8	26.0	26.1	27.4	27.4
225	Knitting mills	225.7	224.4	221.9	239.1	237.1	197.2	196.4	193.7	209.3	207.5
2251	Women's hosiery, except socks	-	54.0	54.9	65.8	66.0	-	48.1	49.0	59.3	59.4
2252	Hosiery, n e c	-	33.4	33.7	35.7	35.5	-	29.8	30.0	31.8	31.6
2253	Knit outerwear mills	-	68.1	65.2	67.1	65.2	-	58.6	55.8	57.0	55.3
2254	Knit underwear mills	-	29.1	28.9	30.5	30.8	-	25.7	25.4	27.1	27.3

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees									
		Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970
<i>Nondurable Goods--Continued</i>											
50	RUBBER AND PLASTICS PRODUCTS, N.E.C.	553.4	549.4	549.3	585.0	588.2	424.3	420.5	419.5	449.5	452.3
501	Tires and inner tubes	114.0	113.3	113.3	117.7	119.5	79.7	79.4	79.3	81.7	83.2
502, 5,6	Other rubber products	163.9	165.3	165.8	174.7	175.2	127.3	128.8	128.6	136.0	136.4
502	Rubber footwear	-	25.6	25.4	23.5	23.5	-	22.2	21.9	20.0	19.9
507	Miscellaneous plastics products	275.5	270.8	270.2	292.6	293.5	217.3	212.3	211.6	231.8	232.7
31	LEATHER AND LEATHER PRODUCTS . . .	312.9	316.3	317.9	331.6	334.6	265.5	269.0	270.6	283.1	286.2
311	Leather tanning and finishing	26.0	26.3	26.6	27.3	27.3	22.3	22.5	22.8	23.6	23.5
314	Footwear, except rubber	208.1	211.5	213.1	219.9	222.5	179.7	183.1	184.7	190.9	193.4
312,3,5-7,9	Other leather products	78.8	78.5	78.2	84.4	84.8	63.5	63.4	63.1	68.6	69.3
316	Luggage	-	16.3	16.1	19.6	19.7	-	12.2	12.1	15.2	15.5
317	Handbags and personal leather goods	-	36.5	36.0	35.8	36.3	-	30.7	30.2	30.2	30.7
-	TRANSPORTATION AND PUBLIC UTILITIES	4,456	4,438	4,427	4,443	4,420	3,855	3,837	3,824	3,852	3,835
40	RAILROAD TRANSPORTATION	-	602.6	605.3	622.7	619.0	-	-	-	-	-
4011	Class I railroads ²	-	539.0	541.8	557.2	555.0	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	-	292.7	294.0	294.9	294.4	-	-	-	-	-
411	Local and suburban transportation	-	75.7	76.3	77.4	77.6	-	71.3	71.9	72.5	72.9
412	Taxicabs	-	114.6	114.6	116.1	116.2	-	-	-	-	-
413	Intercity highway transportation	-	41.2	42.6	41.7	41.7	-	37.8	39.2	38.1	38.2
42	TRUCKING AND WAREHOUSING	-	1,072.7	1,075.1	1,070.0	1,066.4	-	962.7	965.0	966.7	962.8
421,3	Trucking and trucking terminals	-	984.3	984.1	984.5	979.7	-	887.3	886.8	893.2	888.2
422	Public warehousing	-	88.4	91.0	85.5	86.7	-	75.4	78.2	73.5	74.6
45	TRANSPORTATION BY AIR	-	330.2	333.8	348.6	349.3	-	-	-	-	-
451,2	Air transportation	-	301.4	304.7	315.1	316.4	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	17.4	17.4	17.2	17.2	-	13.5	13.6	13.7	13.7
44,47	OTHER TRANSPORTATION AND SERVICES	-	301.6	301.3	316.6	312.8	-	-	-	-	-
44	WATER TRANSPORTATION	-	198.7	199.3	210.1	206.5	-	-	-	-	-
47	TRANSPORTATION SERVICES	-	102.9	102.0	106.5	106.3	-	-	-	-	-
48	COMMUNICATION	-	1,137.3	1,116.7	1,101.3	1,090.8	-	891.7	869.8	862.1	856.7
481	Telephone communication	-	946.2	925.1	913.7	904.4	-	749.7	730.1	725.5	720.3
482	Telegraph communication ³	-	29.6	29.2	32.2	31.7	-	20.0	19.7	22.2	21.6
483	Radio and television broadcasting	-	138.3	139.6	136.4	136.0	-	113.4	111.2	107.6	108.1
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	683.0	683.1	671.7	669.9	-	584.8	585.4	577.2	575.5
491	Electric companies and systems	-	282.7	282.2	279.3	278.6	-	240.3	239.9	237.9	237.3
492	Gas companies and systems	-	160.7	160.8	157.7	157.7	-	136.1	136.1	134.2	134.1
493	Combination companies and systems	-	186.7	187.0	184.3	183.7	-	161.9	162.8	161.1	160.4
494-7	Water, steam, & sanitary systems	-	52.9	53.1	50.4	49.9	-	46.5	46.6	44.0	43.7
-	WHOLESALE AND RETAIL TRADE	14,814	14,749	14,899	14,700	14,606	13,114	13,059	13,209	13,058	12,970
50	WHOLESALE TRADE	3,835	3,823	3,837	3,797	3,788	3,198	3,191	3,207	3,190	3,184
501	Motor vehicles & automotive equipment	-	333.2	333.1	319.2	315.4	-	270.1	270.7	262.7	259.8
502	Drugs, chemicals, and allied products	-	238.7	238.9	231.9	231.0	-	192.1	192.5	188.5	187.7
503	Dry goods and apparel	-	148.6	148.4	150.4	150.1	-	117.4	116.7	117.9	118.2
504	Groceries and related products	-	538.0	546.3	535.7	538.5	-	470.4	478.1	468.3	470.6
506	Electrical goods	-	347.1	342.3	318.6	316.1	-	292.1	287.5	269.2	266.6
507	Hardware; plumbing & heating equipment	-	173.2	173.8	172.2	172.4	-	146.2	146.6	145.8	146.1
508	Machinery, equipment, and supplies	-	725.0	731.3	751.0	747.1	-	612.4	618.5	639.6	637.0
509	Miscellaneous wholesalers	-	1,233.5	1,230.7	1,233.7	1,227.9	-	1,019.9	1,019.5	1,029.2	1,023.8
52-59	RETAIL TRADE	10,979	10,926	11,062	10,903	10,818	9,916	9,868	10,002	9,868	9,786
53	RETAIL GENERAL MERCHANDISE	-	2,262.4	2,374.6	2,261.1	2,248.6	-	2,072.1	2,182.3	2,070.7	2,056.2
531	Department stores	-	1,471.3	1,560.0	1,468.8	1,463.2	-	1,350.9	1,438.0	1,347.2	1,340.9
532	Mail order houses	-	118.3	126.7	124.0	125.8	-	110.2	118.5	115.3	116.5
533	Variety stores	-	323.2	331.1	324.1	317.9	-	298.2	305.8	299.1	292.8
54	FOOD STORES	-	1,762.1	1,763.1	1,737.8	1,724.9	-	1,635.2	1,638.7	1,616.0	1,605.5
541-3	Grocery, meat, and vegetable stores	-	1,589.7	1,592.5	1,565.3	1,553.2	-	1,473.9	1,479.3	1,454.6	1,444.6

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970
-	GOVERNMENT	13,065	13,016	12,898	12,680	12,582	-	-	-	-	-
91	FEDERAL GOVERNMENT ⁵	2,646	2,646	2,640	2,758	2,694	-	-	-	-	-
	Executive	-	2,608.4	2,602.2	2,721.7	2,658.4	-	-	-	-	-
	Department of Defense	-	998.9	999.9	1,057.3	1,069.1	-	-	-	-	-
	Post Office Department	-	718.7	720.6	713.9	724.8	-	-	-	-	-
	Other agencies	-	890.8	881.7	950.5	864.4	-	-	-	-	-
	Legislative	-	30.2	30.3	29.2	29.1	-	-	-	-	-
	Judicial	-	7.3	7.2	6.8	6.8	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	10,419	10,370	10,258	9,922	9,888	-	-	-	-	-
92	State government	-	2,785.9	2,758.7	2,682.4	2,661.9	-	-	-	-	-
	State education	-	1,203.7	1,175.9	1,148.3	1,137.7	-	-	-	-	-
	Other State government	-	1,582.2	1,582.8	1,534.1	1,524.2	-	-	-	-	-
93	Local government	-	7,584.0	7,499.1	7,239.2	7,225.6	-	-	-	-	-
	Local education	-	4,406.8	4,331.1	4,174.3	4,160.8	-	-	-	-	-
	Other local government	-	3,177.2	3,168.0	3,064.9	3,064.8	-	-	-	-	-

¹Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services. These groups account for approximately four-fifths of the total employment on private nonagricultural payrolls.

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

³Data for nonsupervisory workers exclude messengers.

⁴Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

⁵Prepared 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

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

1967 = 100

Year and month	Total	Mining	Contract construction	Manufacturing	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	184.8	31.8	54.8	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920	41.5	202.1	26.4	54.8	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1921	37.0	156.9	31.5	42.5	81.2	33.7	-	-	36.1	23.9	22.2	-	-
1922	39.2	151.5	36.9	46.9	82.3	36.0	-	-	35.5	24.8	22.3	-	-
1923	43.1	197.7	38.3	53.0	91.1	38.9	-	-	36.9	26.6	22.9	-	-
1924	42.6	179.6	41.2	49.7	89.3	39.7	-	-	38.2	27.5	23.9	-	-
1925	43.7	177.7	45.1	51.1	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926	45.3	193.3	48.5	52.2	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927	45.5	181.7	50.1	51.4	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928	45.6	171.3	50.1	51.1	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929	47.6	177.3	46.7	55.0	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930	44.7	164.6	42.8	49.2	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931	40.5	142.4	37.8	42.0	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932	35.9	119.2	30.2	35.6	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933	36.0	121.4	25.2	38.0	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934	39.4	144.0	26.9	43.7	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935	41.1	146.3	28.4	46.6	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936	44.2	154.3	35.7	50.5	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937	47.1	165.6	34.7	55.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938	44.4	145.4	32.9	48.5	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939	46.5	139.3	35.8	52.9	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940	49.2	150.9	40.3	56.5	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941	55.5	156.1	55.8	67.8	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942	60.9	161.8	67.6	78.6	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943	64.5	150.9	48.8	90.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944	63.6	145.5	34.1	89.1	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945	61.3	136.4	35.3	79.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946	63.3	140.6	51.8	75.6	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947	66.6	155.8	61.8	79.9	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948	68.2	162.2	67.6	80.1	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949	66.5	151.7	67.5	74.3	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950	68.7	147.0	72.7	78.4	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951	72.7	151.5	81.1	84.3	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952	74.1	146.5	82.1	85.5	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953	76.3	141.3	81.8	90.2	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954	74.4	129.0	81.4	83.9	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955	76.9	129.2	87.3	86.8	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956	79.6	134.1	93.5	88.7	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957	80.3	135.1	91.1	88.3	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958	78.0	122.5	86.6	82.0	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959	81.0	119.4	92.3	85.7	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960	82.4	116.2	89.9	86.4	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961	82.1	109.6	87.8	84.0	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962	84.4	106.0	90.5	86.7	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963	86.1	103.6	92.4	87.4	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964	88.6	103.4	95.1	88.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965	92.3	103.1	99.3	92.9	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966	97.1	102.3	102.1	98.8	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
1968	103.1	98.9	102.4	101.7	101.1	103.5	102.4	103.9	104.9	105.2	103.9	100.7	105.0
1969	106.7	101.0	107.1	103.7	104.0	107.6	106.0	108.2	110.3	111.0	107.1	101.4	108.8
1970	107.3	101.5	104.3	99.7	105.6	109.9	109.2	110.1	114.1	114.6	110.5	99.5	114.0
1970: Mar	108.2	102.1	108.5	102.6	105.7	110.1	109.1	110.5	113.6	114.2	109.7	101.7	112.2
Apr	108.0	101.5	106.8	101.8	104.9	110.2	109.3	110.5	113.9	114.5	110.6	104.4	112.6
May	107.6	101.1	104.5	100.6	105.1	110.0	109.5	110.2	114.0	114.6	110.6	101.8	113.3
June	107.2	101.1	103.6	100.2	105.9	109.7	109.2	109.9	114.1	114.2	110.2	98.9	113.7
July	107.2	100.8	103.3	99.8	106.5	109.8	109.4	109.9	114.0	114.0	110.5	98.1	114.3
Aug	106.9	101.0	103.0	99.1	106.1	109.6	108.9	109.8	113.8	114.1	110.5	97.8	114.5
Sept	107.1	101.3	101.7	99.2	105.9	110.0	109.2	110.2	114.2	115.1	110.4	97.4	114.5
Oct	106.6	101.3	102.2	96.1	105.8	110.3	109.4	110.6	114.6	115.5	111.6	97.6	116.0
Nov	106.4	102.0	103.0	95.3	105.4	109.8	109.2	110.0	115.1	115.8	112.1	97.9	116.5
Dec	106.8	102.0	103.5	96.9	104.1	109.2	109.4	109.1	115.4	116.1	112.1	97.5	116.7
1971: Jan	107.3	102.0	101.0	96.7	105.6	111.2	109.7	111.7	116.2	116.6	112.5	97.7	117.1
Feb ^p	107.1	101.8	99.2	96.3	106.0	111.2	109.8	111.7	116.1	116.7	112.8	97.8	117.5
Mar ^p	107.2	101.5	100.7	95.9	106.0	111.2	110.2	111.6	116.4	116.6	113.0	97.6	117.8

^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

(In thousands)

Industry division and group	1971				1970								
	Mar. ^p	Feb. ^p	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
TOTAL	70,568	70,559	70,652	70,303	70,085	70,182	70,531	70,414	70,587	70,629	70,839	71,149	71,242
GOODS-PRODUCING	22,506	22,524	22,673	22,786	22,466	22,583	23,168	23,195	23,334	23,421	23,543	23,843	24,051
MINING	622	624	625	625	625	621	621	619	618	620	620	622	626
CONTRACT CONSTRUCTION	3,229	3,182	3,241	3,319	3,303	3,278	3,262	3,305	3,314	3,324	3,351	3,426	3,481
MANUFACTURING	18,655	18,718	18,807	18,842	18,538	18,684	19,285	19,271	19,402	19,477	19,572	19,795	19,944
DURABLE GOODS	10,581	10,654	10,717	10,756	10,455	10,602	11,145	11,134	11,217	11,286	11,386	11,529	11,648
Ordnance and accessories	202	205	214	218	223	228	237	240	243	250	256	261	271
Lumber and wood products	582	575	572	569	571	574	575	570	570	575	582	585	593
Furniture and fixtures	451	449	451	450	453	454	457	453	454	453	456	468	471
Stone, clay, and glass products	616	627	625	628	624	630	635	631	628	636	638	644	651
Primary metal industries	1,241	1,254	1,255	1,256	1,249	1,273	1,315	1,298	1,301	1,305	1,309	1,323	1,337
Fabricated metal products	1,311	1,336	1,337	1,344	1,311	1,331	1,395	1,387	1,387	1,388	1,394	1,411	1,425
Machinery, except electrical	1,784	1,803	1,818	1,846	1,855	1,878	1,926	1,939	1,969	1,982	2,004	2,032	2,046
Electrical equipment	1,781	1,786	1,794	1,808	1,803	1,841	1,896	1,903	1,934	1,936	1,956	1,979	1,995
Transportation equipment	1,777	1,772	1,802	1,785	1,515	1,534	1,839	1,841	1,853	1,876	1,897	1,925	1,950
Instruments and related products	426	433	437	439	442	447	452	453	458	461	468	471	472
Miscellaneous manufacturing	410	414	412	413	409	412	418	419	420	424	426	430	437
NONDURABLE GOODS	8,074	8,064	8,090	8,086	8,083	8,082	8,140	8,137	8,185	8,191	8,186	8,266	8,296
Food and kindred products	1,791	1,784	1,783	1,780	1,779	1,769	1,779	1,784	1,789	1,800	1,805	1,805	1,823
Tobacco manufactures	76	76	75	75	77	76	76	82	81	81	81	81	81
Textile mill products	943	947	952	949	945	948	955	954	955	959	971	979	980
Apparel and other textile products	1,383	1,370	1,381	1,378	1,372	1,367	1,380	1,376	1,393	1,385	1,375	1,394	1,396
Paper and allied products	694	696	698	699	700	698	706	703	706	711	714	721	721
Printing and publishing	1,090	1,096	1,099	1,100	1,100	1,102	1,105	1,103	1,105	1,103	1,108	1,111	1,113
Chemicals and allied products	1,035	1,036	1,040	1,042	1,045	1,052	1,056	1,053	1,054	1,055	1,060	1,063	1,066
Petroleum and coal products	191	192	193	192	191	190	190	191	191	193	192	193	194
Rubber and plastics products, nec	557	552	550	553	554	557	569	567	578	570	548	585	589
Leather and leather products	314	315	319	318	320	323	324	324	333	334	332	334	333
SERVICE-PRODUCING	48,062	48,035	47,979	47,517	47,619	47,599	47,363	47,219	47,253	47,208	47,296	47,306	47,191
TRANSPORTATION AND PUBLIC UTILITIES	4,515	4,515	4,499	4,437	4,493	4,509	4,511	4,520	4,539	4,511	4,478	4,468	4,502
WHOLESALE AND RETAIL TRADE	15,135	15,133	15,133	14,851	14,945	15,011	14,961	14,912	14,933	14,927	14,968	14,991	14,984
WHOLESALE TRADE	3,886	3,869	3,868	3,855	3,851	3,857	3,850	3,840	3,856	3,849	3,859	3,853	3,847
RETAIL TRADE	11,249	11,264	11,265	10,996	11,094	11,154	11,111	11,072	11,077	11,078	11,109	11,138	11,137
FINANCE, INSURANCE, AND REAL ESTATE	3,753	3,745	3,746	3,723	3,711	3,696	3,684	3,670	3,676	3,679	3,677	3,673	3,665
SERVICES	11,780	11,786	11,778	11,727	11,695	11,665	11,622	11,521	11,514	11,532	11,572	11,564	11,537
Hotels and other lodging places	-	759	765	763	743	746	754	715	722	749	764	768	772
Personal services	-	970	974	974	984	987	988	983	989	1,000	1,005	1,006	1,015
Medical and other health services	-	3,200	3,192	3,174	3,158	3,144	3,129	3,102	3,086	3,070	3,058	3,034	3,025
Educational services	-	1,172	1,153	1,167	1,159	1,160	1,143	1,143	1,147	1,145	1,146	1,151	1,143
GOVERNMENT	12,879	12,856	12,823	12,779	12,775	12,718	12,585	12,596	12,591	12,559	12,601	12,610	12,503
FEDERAL	2,654	2,659	2,656	2,650	2,661	2,654	2,649	2,659	2,668	2,689	2,768	2,838	2,766
STATE AND LOCAL	10,225	10,197	10,167	10,129	10,114	10,064	9,936	9,937	9,923	9,870	9,833	9,772	9,737

p - preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6: Production workers in industrial and construction activities¹
seasonally adjusted

(In thousands)

Major industry group	1971					1971							
	Mar. p	Feb. p	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
TOTAL	16,624	16,637	16,754	16,848	16,514	16,604	17,179	17,201	17,327	17,382	17,447	17,734	17,905
MINING	471	474	475	473	475	472	471	469	469	471	470	474	476
CONTRACT CONSTRUCTION	2,673	2,633	2,684	2,765	2,750	2,727	2,708	2,758	2,768	2,771	2,797	2,871	2,917
MANUFACTURING	13,480	13,530	13,595	13,610	13,289	13,405	14,000	13,974	14,090	14,140	14,180	14,389	14,512
DURABLE GOODS	7,566	7,633	7,679	7,700	7,386	7,504	8,039	8,019	8,082	8,134	8,186	8,318	8,409
Ordnance and accessories	102	105	110	114	118	122	128	129	131	137	141	143	151
Lumber and wood products	500	493	492	488	492	495	495	491	491	495	501	504	511
Furniture and fixtures	370	369	371	370	373	374	377	372	373	372	375	386	390
Stone, clay, and glass products	488	496	496	499	495	500	505	500	499	505	506	512	517
Primary metal industries	985	992	992	990	981	1,005	1,047	1,031	1,033	1,034	1,037	1,049	1,063
Fabricated metal products	991	1,013	1,014	1,021	985	1,002	1,067	1,060	1,058	1,057	1,060	1,079	1,087
Machinery, except electrical	1,160	1,177	1,190	1,209	1,218	1,233	1,281	1,288	1,316	1,321	1,340	1,366	1,381
Electrical equipment and supplies	1,168	1,176	1,181	1,188	1,181	1,213	1,258	1,266	1,289	1,297	1,294	1,313	1,323
Transportation equipment	1,237	1,234	1,254	1,239	967	977	1,286	1,285	1,290	1,309	1,317	1,345	1,358
Instruments and related products	252	259	261	262	264	267	273	274	278	280	286	289	289
Miscellaneous manufacturing industries	313	319	318	320	312	316	322	323	324	327	329	332	339
NONDURABLE GOODS	5,914	5,897	5,916	5,910	5,903	5,901	5,961	5,955	6,008	6,006	5,994	6,071	6,103
Food and kindred products	1,209	1,201	1,199	1,197	1,194	1,184	1,193	1,198	1,203	1,214	1,216	1,217	1,235
Tobacco manufactures	63	63	63	62	64	63	63	69	67	67	68	67	67
Textile mill products	827	831	835	831	828	830	839	837	839	842	852	860	861
Apparel and other textile products	1,211	1,198	1,208	1,207	1,200	1,196	1,210	1,206	1,223	1,214	1,206	1,221	1,223
Paper and allied products	530	533	535	536	538	535	543	540	544	549	551	556	558
Printing and publishing	668	671	673	677	675	676	680	676	680	679	681	687	690
Chemicals and allied products	595	593	595	595	597	603	606	602	605	603	606	610	613
Petroleum and coal products	117	117	117	116	116	116	115	117	118	118	118	118	119
Rubber and plastics products, nec	428	422	420	419	419	423	436	433	444	434	412	450	453
Leather and leather products	266	268	271	270	272	275	276	277	285	286	284	285	284

¹For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.

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Advertisement on page 61 omitted.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Feb. 1971 ^p	Jan. 1971	Feb. 1970	Feb. 1971 ^p	Jan. 1971	Feb. 1970	Feb. 1971 ^p	Jan. 1971	Feb. 1970	Feb. 1971 ^p	Jan. 1971	Feb. 1970
1	ALABAMA	1,000.8	996.8	997.3	8.0	8.1	8.2	48.8	44.8	47.6	318.9	319.0	324.5
2	Birmingham ¹	263.7	259.9	257.9	5.4	5.4	5.4	14.3	10.5	14.0	73.1	72.9	72.7
3	Huntsville	76.6	77.2	77.6	(2)	(2)	(2)	1.9	1.9	2.2	12.9	12.9	13.6
4	Mobile ¹	(*)	104.1	104.4	(*)	(2)	(2)	(*)	6.8	6.5	(*)	23.9	25.2
5	Montgomery ¹	68.2	68.2	67.6	(2)	(2)	(2)	4.4	4.4	4.5	10.1	10.1	10.4
6	Tuscaloosa ¹	38.3	38.2	37.3	(2)	(2)	(2)	2.1	2.3	2.0	10.4	10.4	10.2
7	ALASKA	83.9	83.6	83.0	2.3	2.3	3.1	4.0	3.9	4.9	4.7	4.8	5.0
8	ARIZONA	553.2	550.7	543.7	21.2	21.2	19.8	37.9	37.8	36.7	84.0	83.8	95.2
9	Phoenix	329.1	327.0	328.5	.2	.2	.2	21.1	20.6	21.7	64.0	64.1	75.4
10	Tucson	109.9	109.0	104.3	6.9	6.9	6.1	9.8	9.9	9.4	9.3	9.2	9.2
11	ARKANSAS	524.2	522.1	523.3	4.6	4.4	4.4	22.9	23.0	23.3	161.9	162.0	166.4
12	Fayetteville	27.0	26.6	26.2	(2)	(2)	(2)	1.4	1.3	1.1	7.0	6.9	7.0
13	Fort Smith	44.6	44.7	45.6	.5	.5	.6	2.1	2.4	2.8	15.6	15.4	16.3
14	Little Rock-North Little Rock ¹	119.8	120.1	121.6	(2)	(2)	(2)	5.3	5.6	6.7	26.7	26.6	28.4
15	Pine Bluff	23.7	23.7	24.1	(2)	(2)	(2)	.8	.9	.7	5.5	5.4	5.7
16	CALIFORNIA	6,885.0	6,894.1	6,905.6	29.7	30.5	31.7	275.9	268.8	291.5	1,460.7	1,466.3	1,589.1
17	Anaheim-Santa Ana-Garden Grove	426.1	426.4	417.9	1.7	1.7	1.9	22.9	22.6	22.1	115.4	116.3	126.8
18	Bakersfield	87.6	88.3	87.6	6.2	6.4	6.5	3.5	3.7	4.3	7.4	7.5	7.7
19	Fresno	114.9	115.5	111.8	.9	.9	.9	4.5	4.4	4.3	16.2	16.4	15.7
20	Los Angeles-Long Beach	2,847.0	2,850.8	2,892.8	10.9	11.0	11.5	100.3	98.9	108.6	762.2	764.4	847.4
21	Modesto-Turlock	51.5	51.3	50.3	.1	.1	.1	2.6	2.4	2.9	11.9	12.0	11.1
22	Oxnard-Ventura	93.9	94.3	92.1	1.8	1.8	1.9	4.6	4.9	4.5	12.8	13.0	14.0
23	Sacramento	259.8	260.7	256.6	.1	.1	.1	9.9	9.3	9.8	20.0	19.9	20.5
24	Sainias-Monterey	60.7	60.9	58.2	.5	.5	.5	2.3	2.2	2.1	6.4	6.5	6.2
25	San Bernardino-Riverside-Ontario	298.1	298.6	293.2	2.4	2.4	2.4	13.6	13.6	14.0	50.6	51.3	53.6
26	San Diego	385.1	385.3	384.1	.5	.5	.5	19.0	18.8	21.0	63.9	64.1	70.4
27	San Francisco-Oakland	1,251.3	1,250.8	1,245.7	1.8	1.8	1.8	57.7	55.8	59.4	194.1	194.0	200.0
28	San Jose	374.6	375.2	373.7	.1	.1	.2	15.2	14.2	15.8	116.1	118.3	124.4
29	Santa Barbara	81.3	81.7	81.4	1.0	1.0	1.0	2.9	3.0	3.6	9.9	9.9	10.6
30	Santa Rosa	49.8	49.6	48.7	.2	.2	.2	1.9	1.8	1.9	6.6	6.6	6.7
31	Stockton	85.9	85.6	84.5	.1	.1	.1	2.9	2.8	3.0	15.2	14.8	15.2
32	Vallejo-Napa	65.9	66.0	65.9	.1	.1	.1	2.0	1.8	1.9	6.2	6.0	6.3
33	COLORADO	743.6	742.9	722.8	13.7	13.7	14.0	38.0	37.4	36.0	113.8	115.4	116.5
34	Denver	(*)	479.2	462.5	(*)	4.3	4.5	(*)	29.5	26.0	(*)	80.9	81.8
35	CONNECTICUT	1,162.4	1,169.3	1,191.9	(3)	(3)	(3)	45.3	47.7	47.4	414.2	417.2	466.8
36	Bridgeport ¹	145.5	146.4	152.9	(3)	(3)	(3)	5.3	5.5	5.1	64.5	64.9	74.3
37	Hartford ¹	317.4	319.3	320.3	(3)	(3)	(3)	13.6	14.1	12.3	93.1	94.1	106.1
38	New Britain ¹	44.0	43.9	46.7	(3)	(3)	(3)	1.4	1.4	1.3	22.5	22.5	25.4
39	New Haven ¹	155.9	157.0	157.1	(3)	(3)	(3)	7.5	7.6	6.9	40.0	40.7	44.7
40	Stamford ¹	80.8	81.4	80.0	(3)	(3)	(3)	3.4	3.5	3.3	26.7	27.0	27.8
41	Waterbury ¹	74.7	74.9	79.1	(3)	(3)	(3)	3.1	3.1	3.3	34.0	34.3	38.8
42	DELAWARE	(*)	204.1	202.7	(*)	(2)	(2)	(*)	11.9	12.6	(*)	68.8	69.1
43	Wilmington	(*)	185.0	182.7	(*)	(2)	(2)	(*)	11.0	11.5	(*)	67.2	66.6
44	DISTRICT OF COLUMBIA ⁴	(*)	685.9	680.3	(*)	(2)	(2)	(*)	16.5	14.3	(*)	19.9	19.8
45	Washington SMSA	(*)	1,141.9	1,117.8	(*)	(2)	(2)	(*)	60.3	59.4	(*)	44.6	44.6
46	FLORIDA	2,218.5	2,213.0	2,178.8	8.4	8.5	8.1	166.7	166.9	176.1	325.5	324.9	335.8
47	Fort Lauderdale-Hollywood	177.3	175.5	183.9	(2)	(2)	(2)	19.5	19.6	27.6	18.8	18.8	21.1
48	Jacksonville ¹	(*)	192.6	193.3	(*)	(2)	(2)	(*)	11.6	12.0	(*)	25.0	25.0
49	Miami ¹	517.3	515.4	509.6	(2)	(2)	(2)	32.4	32.4	33.5	77.5	77.3	78.6
50	Orlando	(*)	148.7	139.1	(*)	(2)	(2)	(*)	16.7	13.2	(*)	20.9	21.6
51	Pensacola	66.4	67.1	67.3	(2)	(2)	(2)	5.1	5.2	5.1	14.2	14.4	14.4
52	Tampa-St. Petersburg ¹	316.4	315.8	308.5	(2)	(2)	(2)	24.5	24.3	25.3	53.9	54.1	54.9
53	West Palm Beach	115.7	115.9	115.0	(2)	(2)	(2)	8.9	9.3	11.7	21.1	21.1	20.8
54	GEORGIA	1,543.0	1,538.6	1,535.4	7.0	6.9	7.0	73.6	73.9	75.0	452.6	448.7	467.5
55	Atlanta	610.2	607.7	606.1	(2)	(2)	(2)	31.0	30.6	31.7	116.3	112.6	125.8

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			
Feb. 1971	Jan. 1971	Feb. 1970	Feb. 1971	Jan. 1971	Feb. 1970	Feb. 1971	Jan. 1971	Feb. 1970	Feb. 1971	Jan. 1971	Feb. 1970	Feb. 1971	Jan. 1971	Feb. 1970	
54.9	54.9	54.7	186.6	187.3	185.0	41.9	42.0	40.6	130.2	130.0	128.9	211.5	210.7	207.8	1
19.0	19.0	18.6	60.8	61.0	59.1	17.1	17.2	16.5	37.3	37.2	35.9	36.7	36.7	35.7	2
1.7	1.7	1.7	11.6	11.9	11.5	2.0	2.0	2.0	17.0	17.3	17.1	29.5	29.5	29.5	3
(*)	10.0	9.8	(*)	25.5	25.2	(*)	5.1	4.9	(*)	16.0	15.8	(*)	16.8	17.0	4
4.1	4.1	4.1	15.6	15.7	15.3	4.3	4.3	4.2	10.8	10.7	10.5	18.9	18.9	18.6	5
1.6	1.6	1.6	6.4	6.5	6.2	1.2	1.2	1.2	3.8	3.7	3.5	12.8	12.5	12.6	6
8.8	8.9	8.4	14.1	14.2	13.9	3.1	3.1	2.8	11.1	11.0	10.8	35.8	35.4	34.1	7
30.4	30.6	29.2	130.7	131.3	124.8	30.7	30.6	29.6	92.4	91.6	90.0	125.9	123.8	118.4	8
18.1	18.2	17.1	83.4	83.2	80.6	22.9	22.8	21.9	56.9	56.3	54.6	62.5	61.6	57.0	9
5.8	5.8	5.7	24.6	24.8	23.2	4.9	4.8	4.6	19.8	19.5	19.2	28.8	28.1	26.9	10
32.4	32.0	31.2	104.4	104.1	102.7	21.0	20.9	20.5	73.7	72.6	72.3	103.3	103.1	102.5	11
2.4	2.3	2.2	5.2	5.2	5.0	.5	.6	.6	3.5	3.5	3.3	7.0	6.8	7.0	12
2.7	2.7	2.7	9.3	9.3	9.1	1.4	1.4	1.4	6.9	6.9	6.7	6.1	6.1	6.0	13
9.4	9.4	9.5	26.8	27.0	26.4	8.7	8.6	8.6	18.4	18.4	18.0	24.5	24.5	24.0	14
3.2	3.2	3.1	4.6	4.6	4.6	.9	.9	.9	3.2	3.2	3.3	5.5	5.5	5.8	15
456.7	458.1	453.0	1,529.4	1,549.3	1,496.9	389.2	386.5	377.4	1,290.5	1,287.8	1,246.5	1,452.9	1,446.8	1,419.5	16
14.9	14.9	13.7	102.7	103.9	95.6	23.5	23.4	22.1	74.6	74.0	69.0	70.4	69.6	66.7	17
6.0	6.1	5.8	20.0	20.3	19.7	3.7	3.6	3.6	14.3	14.3	14.3	26.5	26.4	25.7	18
7.7	7.9	7.5	29.8	30.3	28.9	5.4	5.5	5.4	21.1	21.0	20.9	29.3	29.1	28.2	19
175.3	176.1	173.9	642.3	648.0	630.7	173.1	172.5	167.5	552.7	552.6	534.9	430.2	427.3	418.3	20
2.4	2.5	2.4	11.8	12.1	11.6	1.5	1.5	1.6	10.4	10.1	9.6	10.8	10.6	11.0	21
4.3	4.3	4.0	21.8	22.1	21.2	3.6	3.5	3.3	15.6	15.6	14.5	29.4	29.1	28.7	22
17.2	17.2	16.8	53.2	54.9	52.6	10.7	10.7	10.4	39.4	39.5	37.8	109.3	109.1	108.6	23
4.3	4.3	4.0	15.1	15.4	14.6	2.4	2.4	2.3	11.9	12.0	11.4	17.8	17.6	17.1	24
17.8	17.6	17.4	68.5	69.2	64.6	10.3	10.3	9.9	58.1	57.8	55.5	76.8	76.4	75.8	25
20.4	20.6	20.0	86.3	87.1	84.1	18.8	18.7	18.0	75.9	75.5	73.3	100.3	100.0	96.8	26
131.8	132.8	132.8	265.5	267.8	263.2	99.4	98.7	97.7	225.8	224.7	219.8	275.2	275.2	271.0	27
16.9	16.8	16.5	73.0	74.0	69.1	13.7	13.5	13.3	77.2	76.7	75.0	62.4	61.6	59.4	28
3.6	3.6	3.5	17.9	18.4	18.0	3.4	3.3	3.1	20.4	20.3	19.8	22.2	22.2	21.8	29
2.6	2.6	2.5	12.2	12.2	11.9	3.3	3.3	3.2	9.1	9.1	8.8	13.9	13.8	13.5	30
6.7	7.0	6.8	18.5	18.5	18.3	3.1	3.1	3.0	14.5	14.5	13.9	24.9	24.8	24.2	31
3.5	3.5	3.4	12.0	12.0	11.4	1.8	1.8	1.7	10.7	10.7	10.5	29.6	30.1	30.6	32
52.0	52.1	50.8	175.0	174.8	167.9	40.3	40.4	39.3	132.3	131.7	127.2	178.5	177.4	177.1	33
(*)	35.9	35.4	(*)	120.8	113.7	(*)	29.1	28.5	(*)	85.5	83.4	(*)	93.2	89.2	34
54.4	54.5	53.2	227.0	229.2	220.1	75.5	75.3	71.2	185.9	185.5	177.4	160.0	160.0	155.9	35
6.4	6.3	6.2	28.2	28.6	27.4	4.8	4.9	4.6	20.9	20.9	20.2	15.4	15.4	15.1	36
12.6	12.6	11.9	62.4	63.2	61.0	44.6	44.5	41.4	46.6	46.3	44.0	44.6	44.6	43.6	37
1.4	1.4	1.4	7.1	7.1	7.1	1.3	1.3	1.2	5.2	5.1	5.2	5.2	5.2	5.2	38
14.3	14.2	14.1	32.2	32.5	31.3	8.4	8.4	8.0	33.7	33.6	32.2	19.9	20.1	19.9	39
3.6	3.6	3.4	17.1	17.2	16.7	4.9	4.9	4.4	17.1	17.2	16.4	8.1	8.1	7.9	40
3.3	3.3	3.3	12.7	12.8	12.6	2.4	2.3	2.1	10.3	10.3	10.2	8.9	8.9	8.9	41
(*)	11.0	10.5	(*)	42.7	41.5	(*)	9.2	8.7	(*)	27.9	28.3	(*)	32.6	32.0	42
(*)	9.6	9.3	(*)	36.3	35.2	(*)	8.2	7.7	(*)	25.3	25.6	(*)	27.4	26.8	43
(*)	30.1	31.2	(*)	84.4	83.9	(*)	32.4	32.1	(*)	137.4	136.7	(*)	365.2	362.3	44
(*)	60.5	59.3	(*)	229.8	221.5	(*)	64.6	63.3	(*)	249.1	241.7	(*)	433.0	428.0	45
158.8	158.8	152.5	592.3	593.2	570.7	135.0	134.8	130.5	414.2	411.8	407.9	417.6	414.1	397.2	46
9.9	9.7	9.7	53.8	53.1	52.0	11.2	11.3	11.4	36.9	36.0	37.4	27.2	27.0	24.7	47
(*)	20.8	20.9	(*)	53.1	52.4	(*)	18.9	18.4	(*)	30.2	30.6	(*)	33.0	34.0	48
57.2	57.4	55.0	138.6	138.2	133.3	33.2	33.1	32.8	119.3	118.1	118.3	59.1	58.9	58.1	49
(*)	8.9	8.2	(*)	42.7	40.4	(*)	9.9	9.2	(*)	26.5	24.4	(*)	23.1	22.1	50
3.6	3.6	3.4	13.6	13.8	14.2	2.7	2.7	2.7	9.2	9.2	9.0	18.0	18.2	18.5	51
21.9	22.3	20.8	91.8	91.6	88.0	18.3	18.2	18.0	61.1	60.3	58.2	44.9	45.0	43.3	52
5.2	5.2	5.0	30.3	30.3	29.4	7.4	7.4	7.1	26.0	26.0	24.7	16.8	16.6	16.3	53
106.5	106.8	104.8	329.3	330.3	326.4	79.1	79.0	75.6	188.9	188.5	185.4	306.0	304.5	293.7	54
58.7	58.5	58.7	167.7	169.5	163.6	45.1	45.2	43.2	92.7	92.8	91.2	98.7	98.5	91.9	55

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970
GEORGIA (continued)													
1	Augusta	86.8	86.9	87.2	(2)	(2)	(2)	4.6	4.6	4.3	29.0	29.2	30.2
2	Columbus	67.9	67.6	69.1	(2)	(2)	(2)	3.4	3.7	4.0	18.4	18.3	19.2
3	Macon	76.7	77.4	78.4	(2)	(2)	(2)	3.1	3.4	4.8	13.9	14.1	14.7
4	Savannah	64.4	64.3	68.2	(2)	(2)	(2)	3.9	3.9	4.6	14.7	14.7	17.1
5	HAWAII	292.1	291.3	285.3	(2)	(2)	(2)	22.9	23.1	26.0	23.4	23.1	24.0
6	Honolulu	248.4	247.9	243.1	(2)	(2)	(2)	20.1	20.3	23.1	16.6	16.2	17.2
7	IDAHO	203.6	204.0	197.5	3.3	3.4	3.3	8.7	8.4	8.4	39.6	40.3	39.6
8	Boise	42.3	42.0	39.5	(2)	(2)	(2)	2.3	2.3	2.1	4.8	4.8	4.4
9	ILLINOIS	4,243.9	4,256.9	4,286.6	22.1	22.0	22.2	155.7	156.2	162.0	1,287.0	1,296.9	1,361.7
10	Chicago	(*)	2,985.6	3,002.0	(*)	4.2	4.7	(*)	113.5	117.6	(*)	924.8	967.1
11	Chicago-Northwestern Indiana	(*)	3,232.1	3,221.9	(*)	4.8	4.8	(*)	129.1	130.0	(*)	1,077.6	1,074.1
12	Davenport-Rock Island-Moline	(*)	129.4	131.8	(*)	(3)	(3)	(*)	5.8	5.8	(*)	40.8	43.6
13	Peoria	(*)	129.2	129.5	(*)	(3)	(3)	(*)	6.7	6.8	(*)	48.0	48.9
14	Rockford	104.2	105.4	110.7	(3)	(3)	(3)	3.8	3.4	3.7	48.2	50.4	56.1
15	INDIANA	1,793.6	1,792.4	1,838.6	6.5	6.5	6.5	60.3	64.3	72.5	686.0	682.0	729.2
16	Evansville	88.2	81.5	87.9	1.4	1.4	1.4	3.8	4.1	4.0	33.3	26.1	33.7
17	Fort Wayne	114.3	116.4	118.0	(2)	(2)	(2)	4.2	4.4	4.7	40.5	42.1	45.0
18	Gary-Hammond-East Chicago	218.2	216.8	219.9	(2)	(2)	(2)	10.6	10.8	12.4	106.1	104.6	107.0
19	Indianapolis	408.4	410.0	413.9	(2)	(2)	(2)	15.5	15.8	16.7	122.8	123.7	131.6
20	Muncie	46.7	47.0	46.8	(2)	(2)	(2)	1.5	1.6	1.5	18.2	18.5	19.2
21	South Bend	90.2	90.6	94.0	(2)	(2)	(2)	3.3	3.3	3.4	29.4	29.7	33.7
22	Terre Haute	55.2	55.3	55.4	1.2	1.2	1.0	2.3	2.4	2.6	15.0	15.0	15.6
23	IOWA	858.0	861.9	869.5	2.5	2.4	2.6	32.5	32.8	33.5	200.6	204.9	219.9
24	Cedar Rapids	61.9	62.7	66.0	(2)	(2)	(2)	2.5	2.5	2.6	22.4	23.1	26.7
25	Des Moines	128.6	129.1	128.4	(2)	(2)	(2)	5.7	5.9	5.5	24.9	24.9	25.9
26	Dubuque	33.6	33.8	33.7	(2)	(2)	(2)	1.2	1.4	1.2	13.5	13.7	14.1
27	Sioux City	40.3	40.7	41.0	(2)	(2)	(2)	1.6	1.6	1.8	9.4	9.6	9.9
28	Waterloo	48.8	49.0	50.7	(2)	(2)	(2)	1.7	1.7	1.9	17.5	17.9	19.3
29	KANSAS	659.7	660.2	679.4	10.4	10.5	11.0	24.5	24.0	30.2	124.5	125.4	139.8
30	Topeka	62.0	62.2	62.6	.1	.1	.1	2.3	2.4	3.1	9.9	9.9	9.7
31	Wichita	130.4	130.8	144.8	2.3	2.3	2.7	4.7	4.8	6.4	34.0	34.6	44.2
32	KENTUCKY	901.5	912.1	893.2	27.4	27.7	26.9	42.4	46.7	43.1	245.7	250.1	253.6
33	Lexington	(*)	77.8	77.9	(*)	(2)	(2)	(*)	4.0	4.6	(*)	16.1	17.0
34	Louisville	324.1	324.6	327.1	(2)	(2)	(2)	13.5	13.2	13.8	108.4	110.3	118.8
35	LOUISIANA	1,044.3	1,046.0	1,034.5	50.5	50.7	51.4	74.4	74.0	70.2	170.3	171.7	175.1
36	Baton Rouge	105.4	105.0	103.2	.5	.5	.5	13.0	12.9	11.3	18.0	17.9	18.4
37	Lake Charles	41.2	41.1	41.5	1.4	1.4	1.5	4.7	4.6	5.5	9.3	9.1	9.2
38	Monroe	37.2	37.1	36.8	.4	.4	.4	2.8	2.8	2.8	6.4	6.4	6.6
39	New Orleans	373.8	374.6	371.7	13.3	13.4	14.7	23.8	23.8	20.6	52.4	52.8	53.8
40	Shreveport	92.9	92.5	91.5	3.7	3.7	3.8	5.8	5.9	5.7	16.3	16.1	16.8
41	MAINE	321.9	322.0	324.2	(2)	(2)	(2)	13.7	14.3	14.0	103.8	103.8	113.0
42	Lewiston-Auburn	27.7	28.3	28.6	(2)	(2)	(2)	1.4	1.4	1.5	12.1	12.7	13.3
43	Portland	64.2	64.2	62.8	(2)	(2)	(2)	3.1	3.2	3.0	13.1	13.2	14.5
44	MARYLAND	1,286.8	1,290.8	1,268.8	1.9	1.9	1.6	76.3	78.1	75.6	257.3	259.8	273.5
45	Baltimore	796.9	799.9	791.8	.3	.3	.3	37.0	38.2	37.5	186.9	188.3	198.4
46	MASSACHUSETTS	2,173.5	2,180.8	2,216.6	(2)	(2)	(2)	77.5	79.7	80.4	600.2	604.3	661.5
47	Boston	1,259.7	1,263.5	1,272.8	(2)	(2)	(2)	42.9	43.9	43.3	262.4	263.9	286.9
48	Brockton	48.8	49.3	48.7	-	-	-	1.9	1.9	1.5	14.7	14.9	16.5
49	Fall River	46.0	46.0	47.0	(2)	(2)	(2)	(2)	(2)	(2)	22.1	21.9	23.2
50	Lawrence-Haverhill	78.7	78.1	80.0	(2)	(2)	(2)	1.7	1.8	1.5	35.1	34.8	38.5
51	Lowell	52.2	52.2	53.5	(2)	(2)	(2)	2.2	2.2	2.2	19.1	19.2	21.2
52	New Bedford	50.5	51.1	53.5	(2)	(2)	(2)	1.5	1.6	1.4	23.1	23.5	26.3
53	Springfield-Chicopee-Holyoke	187.2	188.6	192.3	(2)	(2)	(2)	6.9	7.1	6.8	63.3	64.2	69.8
54	Worcester	123.0	125.2	128.5	(2)	(2)	(2)	4.5	4.7	4.3	40.5	40.8	47.2

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			
Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	
3.7	3.7	3.9	15.3	15.5	15.0	3.1	3.0	3.0	10.3	10.4	10.4	20.6	20.5	20.4	1
3.4	3.3	3.2	13.5	13.5	13.3	3.9	3.9	3.8	9.1	9.0	9.0	16.2	15.9	16.6	2
3.4	3.4	3.5	15.0	15.1	13.9	4.2	4.2	3.9	9.3	9.3	8.9	27.8	27.9	28.7	3
7.1	6.9	7.1	14.4	14.6	15.3	3.4	3.3	3.2	9.4	9.4	9.5	11.5	11.5	11.4	4
23.4	23.4	23.2	68.8	69.5	66.7	18.5	18.5	17.4	58.0	57.6	55.8	77.1	76.1	72.2	5
19.9	19.9	19.8	58.6	59.3	57.1	16.9	16.8	15.9	48.8	48.8	46.8	67.5	66.6	63.2	6
14.2	14.2	13.9	47.7	47.9	46.5	8.0	7.9	7.7	32.9	32.6	31.3	49.2	49.3	46.8	7
3.3	3.3	3.1	11.5	11.4	11.1	2.9	2.9	2.7	6.7	6.7	6.5	10.8	10.6	9.6	8
284.0	282.9	284.6	925.1	933.9	927.9	235.2	235.3	228.9	685.2	683.9	670.0	649.7	645.8	629.4	9
(*)	207.5	207.7	(*)	679.2	669.5	(*)	184.6	180.3	(*)	511.1	500.1	(*)	360.7	354.9	10
(*)	221.7	221.6	(*)	714.1	704.9	(*)	186.0	186.4	(*)	520.5	523.0	(*)	378.3	377.0	11
(*)	7.2	7.1	(*)	29.1	28.8	(*)	5.3	5.1	(*)	18.5	18.5	(*)	22.7	22.9	12
(*)	7.1	7.2	(*)	27.4	27.6	(*)	5.3	5.4	(*)	19.0	18.5	(*)	15.8	15.1	13
3.6	3.4	3.6	20.5	20.7	20.4	3.1	3.1	3.2	14.6	14.2	13.7	10.4	10.3	10.1	14
97.3	97.5	101.2	356.2	359.9	357.8	75.4	75.5	75.1	216.6	216.3	213.4	295.2	290.4	282.9	15
5.2	5.2	5.2	19.1	19.3	18.8	3.2	3.2	3.2	13.5	13.5	13.1	8.7	8.7	8.5	16
8.2	8.2	8.2	27.5	27.8	26.9	6.7	6.7	6.4	15.0	15.0	15.0	12.2	12.2	11.8	17
13.9	13.9	13.9	35.6	36.0	35.4	6.1	6.1	6.1	23.2	22.8	23.0	22.7	22.6	22.1	18
28.2	28.3	28.4	92.6	93.6	92.5	28.9	28.7	28.2	53.4	53.3	50.9	67.0	66.6	65.6	19
2.4	2.4	2.3	9.1	9.2	8.4	1.4	1.4	1.4	5.1	5.0	5.1	9.0	8.9	8.9	20
4.8	4.8	5.0	20.6	20.8	20.3	5.0	5.0	5.0	16.0	15.9	15.9	11.1	11.1	10.7	21
4.2	4.2	4.1	13.1	13.1	13.0	1.8	1.8	1.7	6.3	6.4	6.4	11.3	11.2	11.0	22
49.0	49.3	50.0	204.9	205.7	202.2	41.3	41.4	40.5	146.7	146.1	143.9	180.6	179.2	177.0	23
3.2	3.2	3.1	13.3	13.5	13.3	3.1	3.1	3.1	10.2	10.2	10.0	7.5	7.3	7.3	24
9.1	9.2	9.3	31.7	32.0	32.1	15.1	15.1	14.7	22.4	22.4	21.9	19.7	19.6	19.0	25
1.7	1.6	1.7	6.8	6.9	6.7	1.0	.9	.9	6.4	6.4	6.4	2.9	2.9	2.7	26
3.1	3.1	3.3	11.3	11.3	11.1	2.1	2.1	2.0	7.4	7.3	7.5	5.5	5.5	5.4	27
2.2	2.2	2.4	10.2	10.4	10.4	1.4	1.4	1.4	7.0	7.0	7.1	8.6	8.3	8.1	28
52.0	52.1	51.7	156.3	157.7	156.8	30.4	30.6	29.9	103.1	102.4	102.0	158.5	157.5	158.0	29
7.2	7.2	7.4	12.5	12.6	12.5	4.1	4.1	3.9	10.1	10.1	10.0	16.0	16.1	16.2	30
7.6	7.7	7.7	30.4	30.6	32.6	6.6	6.6	6.8	24.1	24.1	24.7	20.8	20.3	20.0	31
59.3	59.1	59.8	184.3	187.4	180.3	35.5	35.5	35.1	125.9	125.3	122.5	181.0	180.3	171.9	32
(*)	4.5	4.5	(*)	15.1	14.5	(*)	3.6	3.7	(*)	12.7	12.2	(*)	21.8	21.4	33
22.6	22.8	22.9	69.9	69.1	67.7	16.9	16.9	16.6	47.7	47.6	46.8	45.2	44.7	40.5	34
92.9	92.9	92.1	227.7	228.1	225.0	49.6	49.4	49.0	156.9	157.3	155.8	222.0	221.9	215.9	35
5.2	5.2	5.3	21.3	21.2	21.1	5.7	5.6	5.7	14.3	14.3	14.4	27.4	27.4	26.5	36
2.9	3.2	3.0	8.5	8.5	8.2	1.4	1.4	1.4	5.9	5.8	5.8	7.1	7.1	6.9	37
2.2	2.2	2.2	9.6	9.6	9.6	2.4	2.3	2.4	5.4	5.4	5.3	8.0	8.0	7.5	38
45.6	45.6	44.9	89.7	89.8	88.9	22.6	22.7	22.4	68.5	68.7	69.8	57.9	57.8	56.6	39
9.1	9.1	9.1	23.0	22.9	22.3	4.5	4.4	4.3	14.7	14.6	14.1	15.8	15.8	15.4	40
17.5	17.5	17.2	63.7	64.0	62.7	12.5	12.5	11.8	41.5	41.6	40.1	69.2	68.3	65.4	41
1.0	1.0	.9	6.0	6.1	5.9	.9	.9	.8	4.2	4.1	4.0	2.1	2.1	2.2	42
5.5	5.5	5.2	17.4	17.4	17.0	5.6	5.6	5.3	11.0	11.1	10.1	8.5	8.2	7.7	43
82.3	81.6	80.0	306.9	309.2	293.4	68.6	68.3	66.6	237.7	237.1	228.6	255.8	254.8	249.5	44
58.2	57.5	56.4	176.3	177.7	170.8	43.5	43.4	42.7	135.7	136.1	130.8	159.0	158.4	154.9	45
117.5	117.5	115.0	470.6	476.6	473.7	130.1	130.1	128.3	469.0	467.4	457.8	308.6	305.2	299.9	46
78.4	78.4	74.3	282.2	286.5	284.8	93.9	93.8	93.6	321.9	320.2	314.1	178.0	176.8	175.8	47
3.6	3.7	3.4	12.9	13.1	11.9	1.4	1.4	1.4	6.4	6.4	6.3	7.9	7.9	7.7	48
1.8	1.8	1.8	8.9	9.0	9.0	(2)	(2)	(2)	9.2	9.3	8.8	4.0	4.0	4.2	49
2.4	2.4	2.4	14.5	14.8	14.4	2.3	2.3	2.3	10.1	10.0	9.2	12.6	12.0	11.7	50
2.1	2.1	2.0	11.4	11.3	11.0	1.4	1.4	1.4	9.1	9.1	8.9	6.9	6.9	6.8	51
2.8	2.7	2.7	9.5	9.7	9.4	(2)	(2)	(2)	8.8	8.8	9.1	4.8	4.8	4.6	52
8.2	8.2	8.1	38.9	39.3	38.6	9.2	9.3	9.2	35.0	35.0	34.0	25.7	25.5	25.8	53
6.1	6.2	6.3	25.4	26.8	25.4	7.3	7.3	7.2	22.6	22.7	22.2	16.6	16.7	15.9	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^F	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970
1	MICHIGAN.....	2,928.1	2,940.1	2,995.9	11.3	11.7	11.3	86.6	90.1	99.0	1,059.2	1,067.6	1,117.1
2	Ann Arbor.....	108.9	109.9	101.9	(2)	(2)	(2)	2.1	2.2	2.5	38.1	38.9	32.0
3	Battle Creek.....	58.7	59.8	60.0	(2)	(2)	(2)	1.6	1.6	1.7	23.4	24.5	25.0
4	Bay City.....	30.5	30.5	30.1	(2)	(2)	(2)	.8	.8	1.0	11.3	11.2	11.4
5	Detroit.....	1,460.7	1,467.0	1,504.9	.9	.9	1.1	46.6	47.1	49.8	543.2	548.4	586.7
6	Flint.....	157.6	157.0	159.0	(2)	(2)	(2)	3.1	3.8	5.1	82.0	80.5	75.1
7	Grand Rapids.....	184.7	185.4	189.5	(2)	(2)	(2)	6.5	6.5	6.7	69.6	70.3	75.1
8	Jackson.....	44.8	45.0	46.5	(2)	(2)	(2)	1.4	1.5	1.6	16.4	16.4	18.5
9	Kalamazoo.....	72.3	72.3	74.8	(2)	(2)	(2)	3.0	3.1	3.2	26.7	27.0	29.4
10	Lansing.....	130.6	128.3	127.6	(2)	(2)	(2)	4.4	4.2	4.4	38.0	38.3	30.8
11	Muskegon-Muskegon Heights.....	49.8	49.4	51.9	(2)	(2)	(2)	1.1	1.1	1.3	23.9	23.6	26.9
12	Saginaw.....	75.1	74.5	72.6	(2)	(2)	(2)	3.0	3.0	3.4	33.3	32.9	31.0
13	MINNESOTA.....	1,270.3	1,279.1	1,285.7	13.6	13.4	13.2	53.0	54.7	53.6	295.8	301.7	322.2
14	Duluth-Superior.....	(*)	(*)	54.6	(*)	(*)	(2)	(*)	(*)	2.0	(*)	(*)	10.4
15	Minneapolis-St. Paul.....	765.7	772.1	788.1	(2)	(2)	(2)	32.3	33.6	34.5	190.4	194.7	215.3
16	MISSISSIPPI.....	575.7	576.1	566.6	6.3	6.4	6.3	29.2	29.6	28.1	181.4	181.6	180.2
17	Jackson.....	93.2	93.0	90.6	.7	.7	.7	4.9	4.7	5.4	13.6	13.7	13.4
18	MISSOURI.....	1,601.8	1,612.9	1,649.5	7.8	8.0	8.8	57.9	58.0	68.2	415.9	421.5	440.2
19	Kansas City.....	502.4	503.9	510.5	.5	.5	.5	20.4	19.6	24.3	120.4	122.8	127.1
20	St. Joseph.....	30.7	31.0	31.9	(3)	(3)	(3)	1.5	1.4	1.5	8.8	8.9	10.1
21	St. Louis.....	876.8	879.0	887.5	2.1	2.1	2.4	35.7	36.7	35.9	262.5	263.1	274.4
22	Springfield.....	55.1	55.4	55.4	.1	.1	.1	2.0	2.1	2.7	15.1	15.2	15.3
23	MONTANA.....	193.7	193.2	187.6	6.4	6.5	6.2	7.6	7.4	6.9	23.4	23.2	22.8
24	Billings.....	28.6	28.4	27.7	(2)	(2)	(2)	1.2	1.2	1.4	3.3	3.4	3.0
25	Great Falls.....	23.6	23.3	23.3	(2)	(2)	(2)	1.2	1.2	1.2	2.8	2.8	2.9
26	NEBRASKA.....	476.0	476.1	471.8	1.4	1.4	1.4	19.6	19.7	20.9	81.5	82.0	86.2
27	Lincoln.....	71.2	71.1	70.7	-	-	-	2.9	3.0	3.4	10.3	10.4	10.4
28	Omaha.....	206.3	206.4	205.9	(3)	(3)	(3)	8.9	9.1	9.6	37.3	37.1	40.8
29	NEVADA.....	200.2	199.1	194.8	3.9	3.9	4.0	11.3	10.8	11.6	8.3	8.3	8.2
30	Las Vegas.....	112.5	112.1	110.0	.2	.2	.1	7.2	7.1	7.0	4.1	4.1	4.3
31	Reno.....	56.0	55.6	52.2	.2	.2	.2	3.3	3.1	3.2	3.0	3.0	2.8
32	NEW HAMPSHIRE.....	247.8	248.2	253.2	.3	.3	.3	9.8	10.5	11.2	85.7	85.9	95.5
33	Manchester.....	48.2	48.5	48.4	(2)	(2)	(2)	1.8	1.9	2.1	16.2	16.4	16.6
34	NEW JERSEY ¹	2,551.9	2,561.3	2,542.2	3.1	3.0	3.0	105.2	113.1	98.2	836.0	836.8	877.8
35	Atlantic City ¹	57.3	56.9	57.7	-	-	-	3.1	3.3	3.0	10.2	10.1	11.0
36	Camden ^{1,6}	252.7	253.6	249.5	.1	.1	.1	11.5	12.3	11.6	72.0	72.5	77.1
37	Jersey City ^{1,7}	252.5	251.9	257.7	-	-	-	6.1	6.2	5.8	103.7	103.4	110.1
38	Newark ^{1,7}	776.3	780.5	781.6	.6	.6	.7	30.1	31.0	28.0	235.9	236.6	251.5
39	Paterson-Clifton-Passaic ^{1,7}	498.4	499.0	497.0	.2	.2	.2	19.6	20.2	18.5	181.1	181.5	188.4
40	Perth Amboy ^{1,7}	279.5	278.7	272.6	.9	.9	.9	11.6	12.3	10.6	113.9	112.5	116.9
41	Trenton ¹	133.0	133.1	132.1	(2)	(2)	(2)	3.8	4.0	3.4	38.9	39.1	40.5
42	NEW MEXICO.....	286.5	285.6	286.3	16.4	16.6	16.6	14.6	14.2	15.5	20.8	20.8	21.2
43	Albuquerque.....	108.8	107.8	105.0	(2)	(2)	(2)	6.9	6.8	6.4	9.0	8.9	9.2
44	NEW YORK ¹	(*)	7,012.8	7,086.4	(*)	7.7	7.4	(*)	231.4	222.8	(*)	1,682.9	1,813.2
45	Albany-Schenectady-Troy.....	276.0	275.8	273.5	(2)	(2)	(2)	11.0	11.4	12.2	61.2	60.9	62.5
46	Binghamton.....	100.7	101.3	104.2	(2)	(2)	(2)	3.2	3.7	3.2	39.6	39.9	44.4
47	Buffalo.....	482.8	482.9	495.6	(2)	(2)	(2)	14.3	14.8	15.2	163.8	163.5	175.5
48	Elmira.....	36.5	37.3	37.7	(2)	(2)	(2)	1.0	1.3	1.2	14.5	14.8	15.6
49	Monroe County ⁸	296.7	298.8	303.4	(2)	(2)	(2)	12.4	12.8	11.1	122.6	123.6	132.9
50	Nassau and Suffolk Counties ⁹	713.3	715.3	706.3	(2)	(2)	(2)	31.0	31.4	30.1	143.3	144.5	160.0
51	New York-Northeastern New Jersey ¹	(*)	6,567.5	6,623.2	(*)	4.2	4.3	(*)	222.8	211.6	(*)	1,597.7	1,711.5
52	New York SMSA ^{1,7}	(*)	4,757.4	4,814.9	(*)	2.5	2.6	(*)	153.1	148.7	(*)	963.7	1,044.5
53	New York City ^{1,9}	(*)	3,673.9	3,754.5	(*)	1.9	2.0	(*)	101.5	100.2	(*)	729.5	795.2
54	Rochester.....	336.6	339.2	343.4	(2)	(2)	(2)	13.2	13.7	11.8	135.2	136.6	145.9
55	Rockland County ⁹	61.6	62.2	59.7	(2)	(2)	(2)	2.8	3.2	2.6	14.6	14.6	15.5
56	Syracuse.....	219.2	219.9	223.9	(2)	(2)	(2)	7.8	8.1	7.6	58.9	59.8	65.9
57	Utica-Rome.....	109.3	110.0	111.7	(2)	(2)	(2)	2.9	3.0	2.7	38.3	38.6	39.8
58	Westchester County.....	305.4	306.4	294.5	(2)	(2)	(2)	16.6	16.9	15.8	74.9	75.2	73.8

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			
Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	
144.3	144.0	146.0	569.2	576.2	582.8	114.3	114.4	113.6	408.6	409.1	407.3	534.5	527.1	518.9	1
2.7	2.7	2.7	13.5	14.0	13.0	2.3	2.3	2.2	10.5	10.3	10.7	39.7	39.5	38.8	2
2.7	2.7	2.6	9.2	9.2	9.0	3.2	3.2	3.4	7.9	7.9	7.8	10.7	10.7	10.6	3
1.6	1.6	1.6	6.9	7.0	6.7	.8	.8	.8	3.9	3.9	3.7	5.1	5.1	4.9	4
79.5	79.4	78.2	290.2	292.3	292.4	66.7	67.1	66.4	216.5	216.2	219.0	217.0	215.7	211.3	5
4.8	4.4	4.6	22.4	22.8	25.0	4.1	4.1	4.1	16.0	16.2	17.4	25.3	25.1	27.7	6
9.2	9.1	9.7	43.6	43.9	43.7	7.0	7.0	7.0	26.8	26.7	27.0	22.0	21.9	20.3	7
4.3	4.3	4.3	8.4	8.5	8.2	1.3	1.3	1.3	5.2	5.2	5.1	7.8	7.8	7.6	8
2.4	2.4	2.5	13.8	13.9	13.7	2.2	2.2	2.3	8.9	8.9	8.9	15.3	14.8	14.9	9
3.5	3.4	3.5	20.3	20.4	21.7	5.9	5.9	5.8	14.2	13.9	15.1	44.4	42.1	46.3	10
2.6	2.6	2.5	8.4	8.2	7.7	1.3	1.3	1.3	5.7	5.7	5.3	6.8	6.8	7.0	11
3.5	3.6	4.0	13.7	13.7	13.8	2.7	2.7	2.6	9.1	9.1	8.8	9.9	9.7	9.1	12
86.1	85.6	86.7	306.5	311.2	306.2	64.1	64.0	63.1	214.3	214.0	209.5	236.9	234.5	231.2	13
(*)	(*)	6.5	(*)	(*)	12.8	(*)	(*)	2.0	(*)	(*)	10.9	(*)	(*)	10.1	14
56.2	55.5	57.3	185.4	189.0	188.0	47.8	47.6	46.8	143.0	143.4	139.1	110.4	108.4	107.1	15
29.5	29.2	29.6	105.0	105.7	103.1	21.3	21.3	20.7	67.4	67.2	66.0	135.6	135.0	132.6	16
6.0	6.0	5.9	22.2	22.3	20.8	7.1	7.1	7.0	16.6	16.5	16.2	22.1	22.0	21.1	17
118.1	119.5	123.8	358.4	364.9	365.8	90.5	90.3	88.9	255.0	255.5	257.9	298.2	295.2	295.9	18
50.1	50.2	51.4	122.8	123.8	124.3	32.4	32.3	32.2	81.2	81.0	79.2	74.6	73.7	71.5	19
2.0	2.1	2.1	7.6	7.7	7.6	1.4	1.4	1.3	4.7	4.7	4.7	4.7	4.8	4.6	20
63.9	61.7	67.4	187.5	190.9	186.4	46.8	46.7	45.9	151.1	150.9	149.6	127.2	126.9	125.5	21
4.5	4.6	4.4	14.0	14.2	13.5	2.2	2.2	2.2	9.1	9.1	9.1	8.1	7.9	8.1	22
16.7	16.8	16.8	46.2	46.4	44.7	8.1	8.1	7.9	32.7	32.3	31.9	52.6	52.5	50.4	23
2.5	2.4	2.6	9.0	8.9	8.5	1.5	1.5	1.5	5.7	5.6	5.5	5.4	5.4	5.2	24
2.1	2.1	2.1	6.3	6.2	6.0	1.5	1.5	1.4	4.7	4.6	4.7	5.0	4.9	5.0	25
35.8	35.9	36.3	120.0	119.6	117.5	29.7	29.6	28.6	82.7	82.7	80.6	105.2	105.2	100.3	26
4.8	4.8	4.8	15.0	15.0	14.8	5.5	5.5	5.3	11.2	11.1	11.3	21.5	21.2	20.6	27
20.0	20.0	20.7	53.6	54.0	51.9	17.0	17.0	16.5	37.7	37.6	37.0	31.9	31.7	29.4	28
14.0	14.0	13.3	38.8	38.9	36.4	8.0	7.9	7.8	77.4	77.0	77.1	38.5	38.3	36.4	29
7.3	7.3	7.0	21.8	21.8	20.1	4.2	4.2	4.0	51.0	50.7	51.6	16.7	16.7	15.9	30
4.8	4.8	4.5	12.5	12.4	11.4	3.1	3.1	3.0	18.4	18.3	17.0	10.7	10.7	10.1	31
12.0	12.0	11.6	49.8	49.7	48.0	11.5	11.5	10.8	40.2	39.7	39.3	38.5	38.6	36.5	32
3.5	3.5	3.5	11.2	11.2	11.3	3.3	3.3	3.1	8.0	8.0	7.9	4.2	4.2	3.9	33
179.3	178.8	178.2	526.1	529.3	510.3	118.8	118.7	113.5	405.2	402.7	394.8	378.2	378.9	366.4	34
3.4	3.4	3.4	14.1	14.0	14.1	2.9	2.9	2.9	12.5	12.1	12.8	11.1	11.1	10.5	35
13.1	13.0	12.8	61.0	61.3	56.0	9.6	9.6	9.1	37.2	37.1	36.9	48.2	47.7	45.9	36
34.4	34.1	35.8	39.9	40.0	39.2	8.2	8.2	8.3	30.2	30.1	30.7	30.0	29.9	27.8	37
63.6	63.8	64.4	151.8	152.4	150.0	55.9	56.1	53.0	134.4	134.0	131.9	104.0	106.0	102.1	38
27.2	27.3	26.4	122.5	123.1	119.7	19.0	19.0	18.0	75.2	74.7	74.8	53.6	53.0	51.0	39
14.9	15.0	14.0	54.4	54.8	51.5	6.3	6.2	5.8	31.0	30.8	29.8	46.5	46.2	43.1	40
6.6	6.5	6.4	20.2	20.4	20.2	5.3	5.3	5.1	29.1	28.8	28.7	29.1	29.0	27.8	41
20.1	20.1	19.9	60.4	60.3	59.4	12.6	12.5	12.3	51.5	51.9	52.3	90.1	89.2	89.1	42
6.8	6.8	6.7	26.8	26.6	25.3	6.6	6.6	6.1	25.1	24.9	25.0	27.6	27.2	26.3	43
(*)	484.3	494.5	(*)	1,440.5	1,426.7	(*)	595.3	595.5	(*)	1,352.8	1,333.1	(*)	1,218.0	1,193.1	44
15.9	15.9	15.8	54.7	55.2	53.2	10.9	10.9	10.7	47.0	46.9	45.4	75.2	74.6	73.6	45
4.5	4.5	4.7	17.5	17.7	17.6	3.2	3.2	3.2	11.9	11.9	11.8	20.8	20.4	19.4	46
30.5	30.5	31.6	98.4	98.6	100.8	19.3	19.3	19.1	75.5	75.2	74.2	81.1	81.0	79.3	47
1.5	1.5	1.5	7.4	7.6	7.5	1.0	1.0	1.0	5.6	5.7	5.6	5.5	5.5	5.3	48
10.6	10.6	11.3	54.1	54.8	54.1	11.3	11.4	11.2	50.6	50.5	48.4	35.1	35.2	34.5	49
35.5	35.6	32.2	188.8	192.1	185.7	33.6	33.6	31.6	131.7	130.7	125.5	149.3	147.5	141.2	50
(*)	506.3	515.3	(*)	1,375.3	1,363.2	(*)	597.9	597.5	(*)	1,262.8	1,249.8	(*)	1,000.6	970.0	51
(*)	366.1	374.7	(*)	1,005.0	1,002.8	(*)	508.4	512.4	(*)	993.2	983.2	(*)	765.5	746.0	52
(*)	307.3	320.1	(*)	729.9	737.9	(*)	458.9	465.0	(*)	788.8	787.9	(*)	556.2	546.2	53
12.2	12.1	12.9	61.6	62.3	61.5	12.0	12.1	11.9	55.2	55.0	52.8	47.2	47.3	46.6	54
3.4	3.4	3.4	12.8	12.9	11.7	2.0	2.0	1.9	9.7	9.7	9.4	16.4	16.5	15.1	55
13.7	13.6	14.0	48.3	48.5	48.3	12.4	12.4	11.7	37.9	37.5	37.0	40.1	40.0	39.4	56
3.9	3.9	5.4	18.8	18.9	18.4	4.7	4.7	4.6	14.4	14.3	13.9	26.4	26.6	26.9	57
19.6	19.7	19.0	69.7	70.6	67.5	13.8	13.9	13.9	64.7	64.5	61.0	46.1	45.6	43.5	58

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970
1	NORTH CAROLINA	1,734.4	1,737.1	1,738.4	3.5	3.5	3.5	86.6	89.9	92.8	687.7	689.5	702.0
2	Asheville	-	-	-	-	-	-	-	-	-	17.9	18.3	19.2
3	Charlotte	176.2	176.4	176.8	(2)	(2)	(2)	9.7	10.0	11.3	40.8	40.7	42.0
4	Greensboro-Winston-Salem-High Point	257.8	258.8	258.6	(2)	(2)	(2)	13.7	14.1	13.6	108.9	109.2	111.1
5	Raleigh	-	-	-	-	-	-	-	-	-	13.4	13.4	14.3
6	NORTH DAKOTA	160.5	160.6	154.9	1.6	1.6	1.6	7.5	7.6	5.9	9.3	9.4	9.5
7	Fargo-Moorhead	42.1	42.4	41.0	.1	.1	.1	2.4	2.6	2.3	2.9	3.1	3.1
8	OHIO	(*)	3,827.0	3,864.4	(*)	20.9	19.7	(*)	136.4	145.5	(*)	1,364.1	1,442.1
9	Akron	(*)	243.0	245.2	(*)	.2	.2	(*)	6.8	7.4	(*)	93.9	99.9
10	Canton	(*)	135.4	136.0	(*)	.3	.4	(*)	4.4	4.6	(*)	60.2	62.7
11	Cincinnati	(*)	506.4	496.1	(*)	.4	.4	(*)	17.8	18.3	(*)	167.0	166.2
12	Cleveland	(*)	838.9	860.9	(*)	1.3	1.5	(*)	31.9	33.3	(*)	281.8	310.6
13	Columbus	(*)	375.4	371.4	(*)	.7	.7	(*)	14.6	14.8	(*)	88.2	91.7
14	Dayton	(*)	322.6	332.2	(*)	.5	.4	(*)	10.2	10.2	(*)	119.0	131.8
15	Toledo	(*)	241.7	240.7	(*)	.3	.3	(*)	8.0	8.7	(*)	79.0	82.2
16	Youngstown-Warren	(*)	199.1	196.7	(*)	.3	.3	(*)	7.1	8.2	(*)	89.3	89.1
17	OKLAHOMA	767.3	769.8	761.6	37.2	37.6	39.2	37.6	36.8	34.4	132.3	133.2	133.1
18	Oklahoma City	259.0	259.3	254.0	6.8	6.9	6.9	13.1	13.0	12.2	38.2	38.2	37.6
19	Tulsa	174.8	175.2	178.6	13.3	13.3	13.3	7.8	7.7	8.1	39.7	40.1	43.5
20	OREGON	702.2	694.0	689.0	1.2	1.1	1.1	27.7	25.5	25.7	163.6	159.6	165.7
21	Eugene	(*)	67.2	67.2	(*)	(2)	(2)	(*)	2.5	2.3	(*)	17.3	17.6
22	Portland	380.0	376.6	377.3	(2)	(2)	(2)	16.9	15.7	16.1	82.4	80.9	87.0
23	Salem	52.5	52.1	52.2	(2)	(2)	(2)	1.8	1.8	2.4	8.0	8.1	8.3
24	PENNSYLVANIA ¹	4,233.6	4,240.4	4,299.2	40.1	40.4	38.0	164.2	173.6	163.9	1,452.3	1,449.8	1,562.9
25	Allentown-Bethlehem-Easton	209.4	211.1	216.1	.5	.5	.5	6.2	6.4	7.0	99.6	100.8	106.6
26	Altoona	46.9	46.8	48.2	(2)	(2)	(2)	1.5	1.6	1.8	15.0	15.0	15.9
27	Delaware Valley ^{1 6}	1,493.1	1,492.0	1,539.3	1.4	1.4	1.2	65.9	66.1	63.8	447.4	446.2	490.5
28	Eric ¹	94.9	95.4	96.3	(2)	(2)	(2)	3.0	3.1	3.1	41.5	41.8	43.6
29	Harrisburg ¹	172.7	174.0	173.4	(2)	(2)	(2)	6.9	7.4	7.3	38.0	38.4	39.9
30	Johnstown ¹	77.0	76.2	76.5	5.5	5.4	5.0	2.0	2.2	2.2	24.5	23.9	25.6
31	Lancaster ¹	118.9	119.2	118.6	(2)	(2)	(2)	5.8	5.8	5.6	52.8	53.2	55.8
32	Philadelphia ¹	1,746.2	1,745.5	1,788.5	1.5	1.5	1.3	77.4	78.5	75.3	519.8	518.5	567.4
33	Pittsburgh ¹	856.0	856.5	861.5	9.3	9.3	9.0	35.9	36.5	36.2	269.1	266.5	282.8
34	Reading ¹	122.9	122.9	124.3	(2)	(2)	(2)	3.9	4.1	3.7	56.6	56.1	59.2
35	Scranton	82.8	82.5	85.7	.4	.4	.4	1.9	2.0	2.1	32.1	31.9	35.2
36	Wilkes-Barre-Hazleton ¹	121.3	121.7	120.9	1.9	1.9	2.2	4.7	5.4	4.2	53.2	52.7	53.6
37	York ¹	132.0	132.5	131.3	(2)	(2)	(2)	8.7	8.9	7.9	59.3	59.5	61.9
38	RHODE ISLAND	329.7	332.6	339.8	(2)	(2)	(2)	11.8	12.3	12.5	114.8	115.6	125.4
39	Providence-Pawtucket-Warwick	341.6	345.0	352.7	(2)	(2)	(2)	12.2	12.6	12.9	131.0	132.2	142.7
40	SOUTH CAROLINA	831.4	832.3	830.4	1.7	1.7	1.7	47.0	47.8	47.6	330.9	331.0	343.2
41	Charleston ¹	85.8	86.1	89.0	(2)	(2)	(2)	4.3	4.5	6.0	14.4	14.7	16.1
42	Columbia ¹	111.1	110.7	110.5	(2)	(2)	(2)	7.4	7.5	7.1	19.1	18.9	20.5
43	Greenville ¹	120.1	120.6	122.5	(2)	(2)	(2)	8.6	8.8	8.9	52.6	52.6	55.5
44	SOUTH DAKOTA	172.7	172.9	171.3	2.1	2.1	2.3	5.2	5.2	5.3	15.3	15.3	15.3
45	Sioux Falls	33.9	33.8	33.6	(2)	(2)	(2)	1.4	1.3	1.3	5.8	5.7	5.7
46	TENNESSEE ¹	1,342.7	1,344.6	1,302.8	7.1	7.1	6.7	65.1	65.3	55.7	462.0	465.5	466.4
47	Chattanooga	128.5	129.1	127.7	.2	.2	.2	5.1	5.4	5.3	51.8	52.2	54.0
48	Knoxville	(*)	146.5	148.1	(*)	1.8	1.7	(*)	7.3	6.9	(*)	45.8	48.4
49	Memphis ¹	273.2	275.1	272.6	.2	.2	.2	15.0	14.9	13.1	57.6	58.2	61.4
50	Nashville ¹	220.7	221.8	219.8	(2)	(2)	(2)	12.7	12.6	13.3	59.6	60.6	61.7
51	TEXAS	3,607.8	3,603.1	3,608.5	103.3	104.0	103.1	210.3	212.2	217.8	706.9	710.3	753.3
52	Amarillo	-	-	-	-	-	-	-	-	-	7.2	7.2	6.6
53	Austin	118.1	116.8	112.6	(2)	(2)	(2)	8.1	8.0	7.9	11.4	11.5	11.4
54	Beaumont-Port Arthur-Orange	105.7	105.8	107.4	(2)	(2)	(2)	7.9	7.7	8.3	35.1	35.4	36.9
55	Corpus Christi ¹	-	-	-	-	-	-	-	-	-	11.3	11.4	11.4

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			
Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	
93.0	92.3	91.4	307.8	310.9	307.9	70.5	70.2	68.4	207.7	206.4	201.4	277.6	274.4	271.0	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.6	18.4	18.4	45.4	45.9	46.1	12.4	12.3	12.1	27.7	27.6	26.4	21.6	21.5	20.5	3
16.2	16.1	15.8	45.9	46.3	46.5	12.5	12.5	12.0	30.4	30.4	29.5	30.2	30.2	30.1	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
11.8	11.8	11.9	43.5	43.7	41.7	7.1	7.1	7.0	29.0	29.2	28.3	50.5	50.2	49.2	6
3.0	3.0	3.1	12.3	12.4	12.0	2.5	2.5	2.4	8.5	8.4	8.5	10.6	10.4	9.7	7
(*)	224.1	221.1	(*)	769.6	755.5	(*)	158.7	154.2	(*)	573.1	557.6	(*)	580.0	568.8	8
(*)	14.2	14.4	(*)	47.9	47.3	(*)	7.2	6.7	(*)	34.9	32.9	(*)	37.8	36.2	9
(*)	7.1	7.2	(*)	25.4	25.0	(*)	4.9	4.5	(*)	20.0	19.0	(*)	13.1	12.7	10
(*)	37.0	35.9	(*)	107.0	104.1	(*)	26.8	26.0	(*)	78.6	75.1	(*)	71.8	70.1	11
(*)	51.9	50.6	(*)	181.2	179.8	(*)	42.5	41.0	(*)	139.7	134.8	(*)	108.7	109.4	12
(*)	21.2	20.8	(*)	78.7	77.2	(*)	25.2	24.7	(*)	65.2	61.7	(*)	81.7	79.9	13
(*)	12.6	12.6	(*)	61.5	60.2	(*)	10.0	9.4	(*)	49.3	47.9	(*)	59.6	59.5	14
(*)	17.2	16.5	(*)	52.7	51.4	(*)	8.2	7.9	(*)	39.5	38.5	(*)	37.0	35.3	15
(*)	10.2	10.1	(*)	38.0	36.8	(*)	5.9	5.5	(*)	27.4	25.8	(*)	20.9	21.0	16
51.4	51.9	51.9	167.3	169.0	164.5	37.1	36.8	36.4	117.1	117.7	114.3	187.3	186.8	187.8	17
17.0	17.0	16.8	57.3	58.1	56.4	15.7	15.6	15.6	38.8	38.8	37.2	72.1	71.7	71.3	18
15.0	15.0	15.8	40.1	40.2	39.8	9.4	9.4	9.3	31.0	31.0	30.4	18.5	18.5	18.4	19
47.5	47.5	48.0	159.1	160.2	156.9	36.2	36.2	35.7	116.0	114.4	110.2	150.9	149.5	145.7	20
(*)	4.1	4.1	(*)	14.0	14.1	(*)	2.9	2.9	(*)	9.8	9.9	(*)	16.6	16.3	21
29.7	29.7	30.2	91.8	92.6	90.8	24.9	24.8	24.5	69.6	68.5	66.7	64.7	64.4	62.0	22
2.0	1.9	1.9	10.8	10.8	10.9	3.2	3.2	3.2	7.9	7.8	8.0	18.8	18.5	17.5	23
262.2	261.0	264.1	814.6	823.6	802.3	191.7	191.7	185.5	673.5	668.5	664.9	635.0	631.8	617.6	24
12.3	12.3	11.9	34.6	35.4	35.4	7.1	7.1	6.7	28.5	28.2	27.8	20.6	20.4	20.2	25
7.5	7.5	7.6	8.3	8.3	8.6	1.2	1.2	1.2	7.0	6.9	6.9	6.4	6.3	6.2	26
88.8	88.2	91.5	297.2	301.0	304.8	92.0	92.2	91.5	278.1	275.1	276.2	222.3	221.8	219.8	27
5.2	5.3	5.2	17.0	17.2	16.9	3.4	3.4	3.3	13.2	13.0	12.9	11.6	11.6	11.3	28
14.1	14.1	13.9	33.9	34.8	33.6	9.2	9.3	8.8	25.6	25.3	25.5	45.0	44.7	44.4	29
4.9	4.9	4.6	12.9	12.9	12.8	2.1	2.1	2.0	12.1	11.9	11.7	13.0	12.9	12.6	30
5.4	5.4	5.4	23.0	23.0	22.0	2.9	2.9	2.7	17.8	17.8	16.6	11.2	11.1	10.5	31
101.9	101.3	104.3	358.2	362.3	360.9	101.6	101.7	100.6	315.3	312.2	313.0	270.5	269.5	265.7	32
59.0	59.0	58.7	173.2	177.5	171.7	37.8	37.7	37.1	158.0	157.2	155.9	113.7	112.8	110.1	33
6.6	6.6	6.5	20.6	21.0	19.8	4.6	4.6	4.6	16.4	16.4	16.5	14.2	14.1	14.0	34
4.8	4.9	4.8	16.7	17.0	16.5	2.5	2.5	2.5	14.3	14.2	14.3	10.1	9.6	9.9	35
6.7	6.6	6.7	20.1	20.4	20.0	4.3	4.3	4.1	14.7	14.8	14.7	15.7	15.6	15.4	36
5.9	5.9	6.0	25.0	25.2	23.9	3.1	3.0	2.9	15.3	15.5	14.5	14.7	14.5	14.2	37
15.6	15.3	15.5	66.9	68.6	65.7	15.5	15.5	15.4	53.6	53.8	53.0	51.5	51.5	52.3	38
15.2	14.9	15.0	67.5	69.2	66.4	15.5	15.5	15.3	52.6	52.9	52.1	47.6	47.7	48.3	39
36.8	36.6	36.7	140.9	142.5	136.6	30.5	30.5	29.1	90.2	90.0	86.6	153.4	152.2	148.9	40
5.6	5.5	5.8	17.4	17.5	17.4	3.5	3.5	3.5	10.3	10.3	10.4	30.3	30.1	29.8	41
7.2	7.1	7.0	22.7	22.7	23.0	7.4	7.3	7.0	15.7	15.5	15.1	31.6	31.7	30.8	42
4.3	4.4	4.6	21.7	22.0	21.1	4.9	4.9	4.8	14.2	14.2	14.2	13.8	13.7	13.4	43
10.1	10.2	10.4	43.3	43.6	42.9	7.5	7.5	7.4	32.4	32.3	31.8	56.8	56.7	55.9	44
2.9	3.0	3.1	10.3	10.4	10.1	2.0	2.0	2.0	6.7	6.6	6.7	4.8	4.8	4.7	45
67.3	66.3	65.4	260.0	261.3	251.6	58.3	58.2	56.2	183.6	183.5	179.0	239.3	237.4	221.8	46
6.4	6.4	6.6	23.9	24.0	24.0	7.4	7.3	7.0	16.2	16.1	15.5	17.5	17.5	15.1	47
(*)	6.6	6.6	(*)	31.8	31.6	(*)	4.8	4.9	(*)	19.2	19.6	(*)	29.2	28.4	48
19.5	19.5	20.1	69.0	70.2	67.9	15.3	15.2	14.9	44.3	45.0	44.7	52.3	51.9	50.3	49
13.6	13.7	13.7	48.3	48.9	47.1	15.0	15.0	14.3	36.7	36.5	36.3	34.8	34.5	33.4	50
253.5	252.7	252.7	873.2	878.7	850.5	193.9	193.2	186.8	585.7	581.3	578.1	681.0	670.7	666.2	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
3.7	3.7	3.3	24.0	24.1	22.3	5.8	5.7	5.7	15.8	15.5	15.6	49.3	48.3	46.4	53
8.8	8.7	8.6	21.3	21.4	21.0	3.9	3.9	3.8	15.4	15.4	15.6	13.3	13.3	13.2	54
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970
1	TEXAS (continued)												
2	Dallas	645.0	645.4	656.8	7.7	7.7	7.9	36.1	36.3	36.6	140.0	141.1	167.0
3	El Paso	103.8	103.2	102.9	-	-	-	5.1	5.0	5.6	24.0	23.5	22.5
4	Fort Worth	258.7	260.8	267.5	1.7	1.7	1.7	11.1	11.3	11.3	78.7	80.6	90.2
5	Galveston-Texas City	-	-	-	-	-	-	-	-	-	11.7	11.6	11.5
6	Houston	776.4	777.1	758.7	28.3	28.7	28.2	65.5	66.8	67.7	145.2	145.1	148.0
7	Lubbock	-	-	-	-	-	-	-	-	-	7.0	7.1	7.5
8	San Antonio	258.3	257.9	260.5	1.3	1.3	1.5	12.4	12.3	12.8	33.3	33.3	35.6
9	Waco	-	-	-	-	-	-	-	-	-	11.2	11.3	11.9
10	Wichita Falls	-	-	-	-	-	-	-	-	-	4.4	4.4	4.6
11	UTAH ¹	358.2	354.2	350.9	12.6	12.7	12.2	13.0	11.8	11.8	52.9	53.5	53.3
12	Salt Lake City ¹	192.0	190.3	185.7	7.5	7.5	7.6	7.7	7.2	7.1	28.6	28.6	29.0
13	VERMONT	146.4	144.9	146.1	.9	.9	1.0	7.6	8.0	7.8	38.3	37.8	42.7
14	Burlington ¹⁰	37.7	37.1	37.0	-	-	-	-	-	-	10.0	10.0	10.7
15	Springfield ¹⁰	12.4	12.1	13.7	-	-	-	-	-	-	5.4	5.1	6.7
16	VIRGINIA ⁴	1,451.4	1,452.4	1,433.4	16.1	16.0	14.8	85.3	85.5	84.3	356.4	358.2	364.9
17	Lynchburg	52.6	52.7	52.2	(2)	(2)	(2)	2.4	2.5	2.5	24.2	24.3	24.9
18	Newport News-Hampton	93.9	94.2	94.6	(2)	(2)	(2)	4.7	4.8	4.4	24.4	24.4	26.3
19	Norfolk-Portsmouth	196.2	197.8	196.2	(2)	(2)	(2)	12.9	13.5	12.9	18.7	19.3	19.5
20	Northern Virginia ¹¹	269.6	269.6	251.9	.3	.3	.4	17.9	18.1	18.3	8.5	8.7	9.3
21	Richmond	237.8	238.3	235.6	.2	.2	.2	14.4	14.3	14.1	50.0	50.3	52.1
22	Roanoke	82.2	82.3	79.9	.1	.1	.1	4.0	4.1	4.1	19.5	19.6	19.0
23	WASHINGTON	1,035.0	1,032.2	1,083.8	1.5	1.5	1.5	43.7	40.6	48.6	210.8	210.6	254.8
24	Seattle-Everett	486.9	489.2	535.5	(2)	(2)	(2)	19.4	19.2	24.3	109.2	109.6	147.0
25	Spokane	89.0	88.7	88.2	(2)	(2)	(2)	4.7	4.8	4.0	11.8	11.8	12.6
26	Tacoma	104.0	104.3	105.3	(2)	(2)	(2)	4.1	4.1	5.2	20.0	20.0	19.4
27	WEST VIRGINIA ¹	507.7	508.7	501.4	51.0	50.3	47.7	25.0	26.3	22.6	121.3	121.1	126.2
28	Charleston	84.2	84.9	82.4	4.1	4.1	3.8	4.9	5.2	4.3	16.2	16.4	16.9
29	Huntington-Ashland ¹	83.1	83.4	82.2	.6	.6	.6	3.8	4.0	3.6	26.6	26.6	26.4
30	Wheeling ¹	58.9	58.9	57.7	5.2	5.2	4.6	3.1	3.3	3.2	15.2	15.1	15.4
31	WISCONSIN	1,492.0	1,506.4	1,509.1	1.7	1.8	1.9	49.9	53.1	53.9	466.3	476.4	507.0
32	Green Bay	53.7	54.0	53.2	(2)	(2)	(2)	2.0	2.2	2.2	16.4	16.4	16.6
33	Kenosha	29.8	35.9	35.1	(2)	(2)	(2)	1.0	1.0	1.1	10.1	16.2	16.0
34	La Crosse	29.8	29.8	29.7	(2)	(2)	(2)	.9	.9	1.1	7.9	7.8	8.5
35	Madison	121.5	121.8	120.2	(2)	(2)	(2)	5.4	5.7	5.5	15.6	16.0	16.7
36	Milwaukee	556.1	562.5	570.3	(2)	(2)	(2)	16.7	17.5	19.4	192.3	196.0	212.3
37	Racine	53.0	53.0	55.8	(2)	(2)	(2)	1.5	1.5	1.5	22.7	22.5	26.1
38	WYOMING	102.6	103.2	101.8	10.8	10.9	11.1	5.6	5.6	4.9	6.3	6.9	7.2
39	Casper	18.4	18.4	18.7	3.2	3.1	3.2	.9	.9	.9	1.6	1.6	1.6
40	Cheyenne	18.0	18.0	17.5	(2)	(2)	(2)	.7	.7	.8	1.2	1.3	1.0

1 Revised to 1970 benchmark; not strictly comparable with previously published data.
 2 Combined with services.
 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.
 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 Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.
 11 Subarea of Washington, D. C. Standard Metropolitan Statistical Area.

* 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			
Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	
52.4	52.2	52.2	172.1	173.2	169.0	55.5	55.0	52.7	105.4	104.7	101.3	75.8	75.2	70.1	1
8.4	8.4	8.6	24.8	25.0	25.2	4.4	4.4	4.6	14.6	14.6	13.9	22.5	22.3	22.5	2
15.4	15.4	15.1	61.1	61.6	61.0	12.6	12.6	12.6	41.3	41.0	40.1	36.8	36.6	35.5	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
63.3	63.0	62.5	189.3	190.5	183.3	42.8	42.5	40.0	144.2	143.5	137.2	97.8	97.0	91.8	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.1	11.2	11.4	61.9	62.2	62.0	16.9	16.7	16.1	44.2	43.9	44.3	77.2	77.0	76.8	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.4	23.3	22.8	77.9	77.8	76.1	15.3	15.3	14.6	59.1	58.5	57.4	103.9	101.4	102.7	10
15.8	15.7	15.0	50.8	50.6	48.7	11.5	11.4	11.2	32.8	32.5	31.7	37.3	36.8	35.5	11
8.2	8.2	7.7	28.2	27.8	27.2	5.8	5.8	5.4	30.7	30.4	28.8	26.8	26.2	25.6	12
2.0	2.0	1.9	7.7	7.3	7.4	-	-	-	7.1	7.2	6.7	-	-	-	13
.7	.7	.8	2.0	2.0	1.9	-	-	-	2.1	2.1	2.0	-	-	-	14
96.9	97.1	95.2	301.8	303.1	295.0	67.4	67.2	65.2	219.5	219.0	213.4	308.0	306.3	300.6	15
2.5	2.5	2.4	8.8	8.8	8.3	2.1	2.1	2.0	6.7	6.7	6.4	5.9	5.8	5.7	16
4.2	4.3	3.9	15.8	16.0	15.6	2.8	2.8	2.9	12.8	12.8	12.3	29.2	29.1	29.2	17
16.1	16.1	16.5	47.0	47.5	46.9	9.6	9.6	9.2	31.1	31.1	29.9	60.8	60.7	61.3	18
21.2	21.1	19.5	61.9	62.2	59.0	15.4	15.5	14.6	48.9	48.8	48.0	95.5	94.9	82.8	19
18.4	18.4	18.0	53.0	53.4	52.9	18.7	18.7	18.2	35.8	35.7	35.0	47.3	47.3	45.1	20
10.8	10.9	11.1	19.2	19.2	18.6	4.1	4.1	4.1	13.8	13.8	12.8	10.7	10.5	10.1	21
70.1	70.6	72.2	228.5	231.6	235.2	56.9	56.8	58.2	168.8	167.7	168.3	254.7	252.8	245.0	22
37.4	37.5	39.4	109.3	111.3	116.2	34.6	34.6	35.4	80.8	80.7	81.4	96.2	96.3	91.8	23
7.3	7.2	7.3	22.4	22.4	22.8	5.4	5.3	5.1	18.9	18.7	18.5	18.5	18.5	17.9	24
6.3	6.3	6.6	22.0	22.2	22.6	6.2	6.2	6.1	18.8	18.8	18.6	26.6	26.7	26.8	25
41.1	41.3	40.7	90.3	90.9	87.5	15.9	15.9	15.5	67.0	66.5	65.7	96.2	96.4	95.5	26
9.0	9.1	8.9	19.2	19.3	18.2	4.0	4.0	3.8	13.0	13.0	12.8	13.8	13.8	13.8	27
8.3	8.3	8.1	17.8	17.9	17.8	2.9	2.9	2.9	10.5	10.5	10.5	12.7	12.6	12.4	28
3.9	3.9	3.8	12.6	12.6	12.1	2.2	2.2	2.1	10.3	10.3	9.8	6.5	6.5	6.7	29
80.2	80.6	78.7	325.9	330.7	318.3	61.5	61.1	59.6	234.6	232.2	224.1	272.0	270.5	265.6	30
4.4	4.5	4.3	13.5	13.6	13.5	1.4	1.4	1.4	8.3	8.3	8.0	7.7	7.6	7.3	31
1.2	1.2	1.3	6.8	6.8	6.3	.7	.7	.7	5.0	5.1	5.0	5.0	4.8	4.7	32
2.2	2.2	2.2	7.5	7.5	7.2	.6	.6	.6	5.9	6.0	5.6	4.9	4.8	4.6	33
5.7	5.7	5.5	24.6	24.9	23.6	6.3	6.3	6.1	18.4	18.3	17.0	45.5	45.0	45.8	34
31.0	31.0	30.5	121.2	123.6	118.9	29.1	29.0	28.2	91.1	91.1	88.9	74.0	74.2	72.1	35
2.0	2.0	2.2	9.8	10.0	9.4	1.4	1.4	1.4	7.9	7.9	7.8	7.6	7.6	7.3	36
10.9	10.6	10.7	20.5	20.8	22.1	3.9	3.9	3.7	15.0	15.1	14.2	29.6	29.4	27.9	37
1.4	1.3	1.5	4.6	4.5	4.6	.8	.8	.8	2.3	2.4	2.4	3.8	3.8	3.7	38
2.3	2.3	2.4	4.0	4.0	3.7	1.0	1.0	.9	3.1	3.1	3.1	5.7	5.6	5.6	39

Advertisement on page 72 omitted.

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

**C-1: Gross hours and earnings of production or nonsupervisory workers¹
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 ¹			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 ²	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	154.80	43.0	3.60	181.16	37.9	4.78	129.51	40.6	3.19
1970.....	120.16	37.2	3.23	163.97	42.7	3.84	195.23	37.4	5.22	133.73	39.8	3.36
1970: March.....	117.92	37.2	3.17	160.27	42.4	3.78	188.23	37.2	5.06	132.40	40.0	3.31
April.....	117.34	36.9	3.18	163.35	43.1	3.79	192.91	37.9	5.09	131.80	39.7	3.32
May.....	118.40	37.0	3.20	162.26	42.7	3.80	194.31	38.1	5.10	132.93	39.8	3.34
June.....	120.05	37.4	3.21	163.88	42.9	3.82	196.99	38.4	5.13	134.40	40.0	3.36
July.....	121.45	37.6	3.23	163.88	42.9	3.82	200.20	38.5	5.20	134.46	39.9	3.37
August.....	122.20	37.6	3.25	163.97	42.7	3.84	204.05	38.5	5.30	134.13	39.8	3.37
September.....	121.73	37.0	3.29	164.55	42.3	3.89	194.03	36.2	5.36	135.43	39.6	3.42
October.....	121.36	37.0	3.28	168.56	43.0	3.92	203.79	37.6	5.42	133.45	39.6	3.37
November.....	121.07	36.8	3.29	168.70	42.6	3.96	196.57	36.2	5.43	134.58	39.7	3.39
December.....	122.43	37.1	3.30	170.25	43.1	3.95	203.08	37.4	5.43	138.45	39.9	3.47
1971: January.....	122.58	36.7	3.34	168.75	42.4	3.98	198.55	36.1	5.50	138.60	39.6	3.50
February P.....	122.61	36.6	3.35	167.60	41.9	4.00	195.96	35.5	5.52	138.29	39.4	3.51
March P.....	123.98	36.9	3.36	168.35	42.3	3.98	204.78	37.3	5.49	139.74	39.7	3.52
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 ²	-	-	-	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.....	147.74	40.7	3.63	91.14	35.6	2.56	108.33	37.1	2.92	91.26	34.7	2.63
1970.....	155.93	40.5	3.85	95.66	35.3	2.71	112.98	36.8	3.07	97.98	34.5	2.84
1970: March.....	150.75	40.2	3.75	93.80	35.0	2.68	112.85	37.0	3.05	96.81	34.7	2.79
April.....	149.25	39.8	3.75	93.88	34.9	2.69	111.81	36.9	3.03	95.70	34.3	2.79
May.....	153.12	40.4	3.79	94.50	35.0	2.70	111.57	36.7	3.04	96.04	34.3	2.80
June.....	156.29	40.7	3.84	96.12	35.6	2.70	111.57	36.7	3.04	96.95	34.5	2.81
July.....	159.06	41.1	3.87	98.10	36.2	2.71	112.61	36.8	3.06	98.77	34.9	2.83
August.....	159.51	40.9	3.90	98.74	36.3	2.72	113.65	36.9	3.08	99.75	35.0	2.85
September.....	159.95	40.7	3.93	97.08	35.3	2.75	113.09	36.6	3.09	99.76	34.4	2.90
October.....	159.96	40.6	3.94	96.88	35.1	2.76	114.82	36.8	3.12	99.81	34.3	2.91
November.....	159.58	40.4	3.95	96.95	35.0	2.77	115.55	36.8	3.14	100.84	34.3	2.94
December.....	158.40	39.9	3.97	97.08	35.3	2.75	115.61	36.7	3.15	101.48	34.4	2.95
1971: January.....	159.20	39.9	3.99	97.51	34.7	2.81	117.07	36.7	3.19	101.62	34.1	2.98
February P.....	162.01	40.2	4.03	97.57	34.6	2.82	118.86	36.8	3.23	101.96	34.1	2.99
March P.....	161.60	40.2	4.02	98.20	34.7	2.83	119.56	36.9	3.24	102.51	34.4	2.98

¹ For coverage of series, see footnote 1, table B-2.

² Data include Alaska and Hawaii 1950.
p preliminary

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
	TOTAL PRIVATE	\$123.98	\$122.61	\$122.58	\$117.92	\$116.55	\$3.36	\$3.35	\$3.34	\$3.17	\$3.15
	MINING	168.35	167.60	168.75	160.27	160.60	3.98	4.00	3.98	3.78	3.77
10	METAL MINING	-	165.85	167.09	162.11	159.47	-	3.93	3.95	3.77	3.77
101	Iron ores	-	160.39	164.42	163.97	158.15	-	3.97	4.02	3.84	3.82
102	Copper ores	-	174.24	174.59	167.83	167.77	-	3.96	3.95	3.78	3.77
11,12	COAL MINING	-	195.09	198.97	181.48	181.63	-	4.77	4.76	4.47	4.43
12	Bituminous coal and lignite mining ...	-	197.14	201.12	184.01	183.72	-	4.82	4.80	4.51	4.47
13	OIL AND GAS EXTRACTION	-	157.14	157.32	152.01	153.99	-	3.68	3.65	3.56	3.54
13,1,2	Crude petroleum and natural gas fields.	-	166.05	167.27	153.54	154.28	-	4.09	4.05	3.81	3.80
138	Oil and gas field services	-	150.62	149.73	150.96	153.79	-	3.40	3.38	3.40	3.38
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	148.39	148.75	147.61	144.82	-	3.55	3.50	3.37	3.36
142	Crushed and broken stone	-	143.40	147.61	147.03	142.24	-	3.39	3.37	3.26	3.24
	CONTRACT CONSTRUCTION	204.78	195.96	198.55	188.23	186.21	5.49	5.52	5.50	5.06	5.06
15	GENERAL BUILDING CONTRACTORS .	-	186.55	186.91	176.18	175.09	-	5.33	5.31	4.84	4.85
16	HEAVY CONSTRUCTION CONTRACTORS .	-	186.12	188.47	185.38	184.40	-	4.95	4.87	4.60	4.61
161	Highway and street construction	-	168.52	165.62	158.28	154.00	-	4.53	4.37	4.09	4.00
162	Heavy construction, nec	-	195.80	200.97	202.37	201.96	-	5.18	5.14	4.90	4.95
17	SPECIAL TRADE CONTRACTORS	-	205.69	208.62	197.27	193.86	-	5.86	5.86	5.39	5.37
171	Plumbing, heating, air conditioning ...	-	217.26	225.29	210.27	207.14	-	5.92	5.96	5.49	5.48
172	Painting, paper hanging, decorating ...	-	180.83	179.18	176.85	173.10	-	5.35	5.27	5.01	4.96
173	Electrical work	-	240.54	244.58	233.42	231.82	-	6.33	6.32	5.85	5.81
174	Masonry, stonework, and plastering ...	-	178.61	173.46	173.53	167.18	-	5.67	5.65	5.18	5.16
176	Roofing and sheetmetal work	-	160.87	162.93	159.57	152.31	-	5.24	5.29	4.85	4.82
	MANUFACTURING	139.74	138.29	138.60	132.40	130.94	3.52	3.51	3.50	3.31	3.29
19,24,25, 32-39	DURABLE GOODS	151.10	149.23	149.57	142.51	140.24	3.74	3.74	3.73	3.51	3.48
20-23,26-31	NONDURABLE GOODS	124.55	123.52	124.09	118.78	117.69	3.21	3.20	3.19	3.03	3.01
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	156.75	155.70	156.83	145.66	144.43	3.75	3.77	3.77	3.57	3.54
192	Ammunition, except for small arms ...	(*)	151.66	154.34	140.30	138.35	(*)	3.69	3.71	3.49	3.45
1925	Complete guided missiles	-	181.46	184.90	175.54	172.62	-	4.30	4.31	4.14	4.11
1929	Ammunition, exc. for small arms, nec	-	130.98	133.50	122.38	121.21	-	3.25	3.28	3.13	3.10
24	LUMBER AND WOOD PRODUCTS	124.12	120.56	117.09	112.97	111.90	3.08	3.06	3.01	2.86	2.84
242	Sawmills and planing mills	118.00	116.23	112.52	108.47	106.47	2.95	2.95	2.90	2.76	2.73
2421	Sawmills and planing mills, general.	-	120.38	115.80	111.61	109.98	-	3.04	3.00	2.84	2.82
243	Millwork, plywood & related products.	132.36	128.63	126.87	120.99	120.90	3.26	3.24	3.22	3.04	3.03
2431	Millwork	-	122.05	122.75	117.69	117.39	-	3.17	3.18	3.01	3.01
2432	Veneer and plywood	-	135.79	130.73	123.11	123.41	-	3.28	3.22	3.01	3.01
244	Wooden containers	96.01	93.12	92.63	90.71	93.45	2.52	2.51	2.47	2.35	2.39
2441,2	Wooden boxes, shooks, and crates ...	-	88.93	88.77	88.78	91.34	-	2.41	2.38	2.30	2.33
249	Miscellaneous wood products	110.56	107.60	107.60	101.81	101.56	2.69	2.69	2.67	2.52	2.52
25	FURNITURE AND FIXTURES	112.97	109.91	110.09	105.96	104.49	2.86	2.84	2.83	2.71	2.70
251	Household furniture	107.86	104.64	104.25	99.07	98.05	2.71	2.69	2.68	2.56	2.56
2511	Wood household furniture	-	99.65	99.75	94.71	93.27	-	2.51	2.50	2.41	2.41
2512	Upholstered household furniture	-	109.24	108.00	105.54	103.02	-	2.89	2.88	2.77	2.74
2515	Mattresses and bedsprings	-	116.10	115.92	106.22	105.18	-	3.00	2.98	2.81	2.79
252	Office furniture	-	126.22	129.03	124.34	122.21	-	3.27	3.25	3.07	3.04
254	Partitions and fixtures	-	132.94	131.97	132.33	128.38	-	3.48	3.41	3.30	3.25
253,9	Other furniture and fixtures	117.81	117.12	118.73	113.37	114.05	3.06	3.05	3.06	2.87	2.88
32	STONE, CLAY, AND GLASS PRODUCTS .	146.67	143.42	142.21	137.12	134.15	3.56	3.55	3.52	3.32	3.28
321	Flat glass	-	189.08	185.24	179.78	173.06	-	4.47	4.40	4.24	4.16
322	Glass and glassware, pressed or blown	151.13	150.69	149.14	141.73	135.41	3.75	3.73	3.71	3.44	3.36
3221	Glass containers	-	161.92	157.49	147.68	138.17	-	3.93	3.86	3.55	3.42
3229	Pressed and blown glass, nec	-	135.59	137.90	133.17	131.45	-	3.45	3.50	3.28	3.27
324	Cement, hydraulic	178.40	179.22	177.98	168.04	165.20	4.33	4.35	4.32	4.02	4.00
325	Structural clay products	(*)	114.95	114.05	112.56	109.02	(*)	2.91	2.88	2.80	2.76
3251	Brick and structural clay tile	-	107.05	106.13	104.14	100.75	-	2.71	2.66	2.61	2.59
326	Pottery and related products	-	121.41	121.34	114.43	116.42	-	3.17	3.16	2.98	2.97
327	Concrete, gypsum, and plaster products	(*)	142.97	142.45	138.27	135.71	(*)	3.53	3.50	3.30	3.27
328,9	Other stone and nonmetallic mineral products	(*)	143.21	141.29	137.78	135.30	(*)	3.51	3.48	3.32	3.30
3291	Abrasive products	-	134.23	132.40	137.26	131.58	-	3.57	3.54	3.44	3.40

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers'
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1971 P	Feb. 1971 P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 P	Feb. 1971 P	Jan. 1971	Mar. 1970	Feb. 1970
-	TOTAL PRIVATE	36.9	36.6	36.7	37.2	37.0	-	-	-	-	-
-	MINING	42.3	41.9	42.4	42.4	42.6	-	-	-	-	-
10	METAL MINING	-	42.2	42.3	43.0	42.3	-	-	-	-	-
101	Iron ores	-	40.4	40.9	42.7	41.4	-	-	-	-	-
102	Copper ores	-	44.0	44.2	44.4	44.5	-	-	-	-	-
11,12	COAL MINING	-	40.9	41.8	40.6	41.0	-	-	-	-	-
12	Bituminous coal and lignite mining	-	40.9	41.9	40.8	41.1	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	42.7	43.1	42.7	43.5	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.6	41.3	40.3	40.6	-	-	-	-	-
138	Oil and gas field services	-	44.3	44.3	44.4	45.5	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	41.8	42.5	43.8	43.1	-	-	-	-	-
142	Crushed and broken stone	-	42.3	43.8	45.1	43.9	-	-	-	-	-
-	CONTRACT CONSTRUCTION	37.3	35.5	36.1	37.2	36.8	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	35.0	35.2	36.4	36.1	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	-	37.6	38.7	40.3	40.0	-	-	-	-	-
161	Highway and street construction	-	37.2	37.9	38.7	38.5	-	-	-	-	-
162	Heavy construction, n e c	-	37.8	39.1	41.3	40.8	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	35.1	35.6	36.6	36.1	-	-	-	-	-
171	Plumbing, heating, air conditioning	-	36.7	37.8	38.3	37.8	-	-	-	-	-
172	Painting, paper hanging, decorating	-	33.8	34.0	35.3	34.9	-	-	-	-	-
173	Electrical work	-	38.0	38.7	39.9	39.9	-	-	-	-	-
174	Masonry, stonework, and plastering	-	31.5	30.7	33.5	32.4	-	-	-	-	-
176	Roofing and sheet metal work	-	30.7	30.8	32.9	31.6	-	-	-	-	-
-	MANUFACTURING	39.7	39.4	39.6	40.0	39.8	2.6	2.7	2.7	3.0	3.0
19,24,25,32-39	DURABLE GOODS	40.4	39.9	40.1	40.6	40.3	2.6	2.7	2.6	3.1	3.0
20-23,26-31	NONDURABLE GOODS	38.8	38.6	38.9	39.2	39.1	2.6	2.7	2.7	3.0	3.0
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	41.8	41.3	41.6	40.8	40.8	-	2.3	2.5	2.3	2.3
192	Ammunition, except for small arms	(*)	41.1	41.6	40.2	40.1	-	2.2	2.6	1.9	1.9
1925	Complete guided missiles	-	42.2	42.9	42.4	42.0	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	40.3	40.7	39.1	39.1	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.3	39.4	38.9	39.5	39.4	-	3.1	3.0	3.4	3.5
242	Sawmills and planing mills	40.0	39.4	38.8	39.3	39.0	-	3.5	3.3	3.7	3.6
2421	Sawmills and planing mills, general	-	39.6	38.6	39.3	39.0	-	-	-	-	-
243	Millwork, plywood & related products	40.6	39.7	39.4	39.8	39.9	-	2.9	2.8	3.1	3.3
2431	Millwork	-	38.5	38.6	39.1	39.0	-	-	-	-	-
2432	Veneer and plywood	-	41.4	40.6	40.9	41.0	-	-	-	-	-
244	Wooden containers	38.1	37.1	37.5	38.6	39.1	-	1.7	1.9	2.8	3.2
2441,2	Wooden boxes, shooks, and crates	-	36.9	37.3	38.6	39.2	-	-	-	-	-
249	Miscellaneous wood products	41.1	40.0	40.3	40.4	40.3	-	3.1	3.1	3.3	3.4
25	FURNITURE AND FIXTURES	39.5	38.7	38.9	39.1	38.7	-	1.9	2.1	2.4	2.2
251	Household furniture	39.8	38.9	38.9	38.7	38.3	-	2.1	2.1	2.2	2.0
2511	Wood household furniture	-	39.7	39.9	39.3	38.7	-	-	-	-	-
2512	Upholstered household furniture	-	37.8	37.5	38.1	37.6	-	-	-	-	-
2515	Mattresses and bedsprings	-	38.7	38.9	37.8	37.7	-	-	-	-	-
252	Office furniture	-	38.6	39.7	40.5	40.2	-	1.9	2.4	3.2	3.3
254	Partitions and fixtures	-	38.2	38.7	40.1	39.5	-	1.5	1.5	2.9	2.7
253,9	Other furniture and fixtures	38.5	38.4	38.8	39.5	39.6	-	1.4	1.9	2.5	2.6
32	STONE, CLAY, AND GLASS PRODUCTS	41.2	40.4	40.4	41.3	40.9	-	3.6	3.6	4.1	4.0
321	Flat glass	-	42.3	42.1	42.4	41.6	-	4.6	4.1	4.1	3.7
322	Glass and glassware, pressed or blown	40.3	40.4	40.2	41.2	40.3	-	4.1	4.0	4.3	4.2
3221	Glass containers	-	41.2	40.8	41.6	40.4	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	39.3	39.4	40.6	40.2	-	-	-	-	-
324	Cement, hydraulic	41.2	41.2	41.2	41.8	41.3	-	2.9	2.8	3.3	3.1
325	Structural clay products	(*)	39.5	39.6	40.2	39.5	-	3.1	2.9	3.4	3.2
3251	Brick and structural clay tile	-	39.5	39.9	39.9	38.9	-	-	-	-	-
326	Pottery and related products	-	38.3	38.4	38.4	39.2	-	2.0	1.7	2.1	2.5
327	Concrete, gypsum and plaster products	(*)	40.5	40.7	41.9	41.5	-	4.3	4.5	5.2	5.1
328,9	Other stone and nonmetallic mineral products	(*)	40.8	40.6	41.5	41.0	-	3.3	3.2	3.8	3.6
3291	Abrasives products	-	37.6	37.4	39.9	38.7	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	\$170.57	\$166.05	\$164.83	\$157.49	\$157.08	\$4.11	\$4.10	\$4.08	\$3.86	\$3.85
331	Blast furnace and basic steel products ..	(*)	174.15	173.32	164.02	163.62	(*)	4.30	4.29	4.08	4.06
3312	Blast furnaces and steel mills	-	176.14	175.31	166.01	165.62	-	4.36	4.35	4.14	4.12
332	Iron and steel foundries	159.19	159.19	157.59	149.24	149.65	3.96	3.95	3.93	3.64	3.65
3321	Gray iron foundries	-	160.40	159.59	146.47	146.21	-	3.99	3.97	3.59	3.61
3322	Malleable iron foundries	-	172.10	168.73	168.90	166.00	-	4.26	4.25	4.16	4.15
3323	Steel foundries	-	151.84	148.83	150.00	151.73	-	3.74	3.73	3.58	3.57
333,4	Nonferrous metals	160.48	159.74	159.39	154.24	153.50	3.83	3.84	3.85	3.69	3.69
3334	Primary aluminum	-	171.40	167.66	163.99	162.80	-	4.14	4.15	3.99	4.00
335	Nonferrous rolling and drawing	(*)	157.41	156.94	153.19	151.32	(*)	3.83	3.80	3.63	3.62
3351	Copper rolling and drawing	-	157.00	156.24	151.48	152.31	-	3.82	3.82	3.65	3.67
3352	Aluminum rolling and drawing	-	161.44	158.98	154.51	153.41	-	3.89	3.84	3.67	3.67
3357	Nonferrous wire drawing and insulating ..	-	153.03	156.04	152.51	149.46	-	3.76	3.76	3.58	3.55
336	Nonferrous foundries	(*)	141.21	141.93	137.89	137.08	(*)	3.63	3.63	3.43	3.41
3361	Aluminum castings	-	142.37	143.50	140.30	138.05	-	3.66	3.67	3.49	3.46
3362,9	Other nonferrous castings	-	139.65	140.01	134.67	135.34	-	3.59	3.59	3.35	3.35
339	Miscellaneous primary metal products	174.50	174.84	174.93	166.86	166.85	4.33	4.36	4.33	4.05	4.04
3391	Iron and steel forgings	-	180.24	180.90	172.99	172.18	-	4.54	4.50	4.24	4.22
34	FABRICATED METAL PRODUCTS	146.40	146.07	147.17	142.33	140.48	3.66	3.67	3.67	3.48	3.46
341	Metal cans	(*)	173.77	179.89	170.17	168.56	(*)	4.06	4.07	3.93	3.92
342	Cutlery, hand tools, and hardware	141.60	139.83	141.29	133.65	130.87	3.54	3.54	3.55	3.30	3.28
3421,3,5	Cutlery and hand tools, incl. saws	-	134.64	134.98	132.68	132.11	-	3.40	3.40	3.26	3.27
3429	Hardware, n e c	-	143.42	145.64	134.20	129.96	-	3.64	3.65	3.33	3.29
343	Plumbing and heating, except electric	131.77	132.55	132.55	126.80	127.12	3.37	3.39	3.39	3.21	3.21
3431,2	Sanitary ware & plumbers' brass goods ..	-	132.70	134.16	128.44	127.79	-	3.42	3.44	3.26	3.26
3433	Heating equipment, except electric	-	132.44	131.26	125.53	126.08	-	3.37	3.34	3.17	3.16
344	Fabricated structural metal products	146.43	144.54	145.24	141.29	139.15	3.67	3.65	3.64	3.48	3.47
3441	Fabricated structural steel	-	149.37	149.29	141.45	140.42	-	3.67	3.65	3.45	3.45
3442	Metal floors, sash, and trim	-	119.45	120.14	117.65	115.97	-	3.16	3.17	3.04	3.06
3443	Fabricated plate work (boiler shops) ..	-	152.76	155.04	151.57	149.97	-	3.80	3.80	3.67	3.64
3444	Sheet metal work	-	150.14	151.31	147.90	144.91	-	3.84	3.86	3.67	3.65
3446,9	Architectural and misc. metal work	-	134.40	135.76	134.46	130.75	-	3.50	3.49	3.32	3.31
345	Screw machine products, bolts, etc.	142.56	142.63	143.28	142.35	143.10	3.60	3.62	3.60	3.43	3.44
3451	Screw machine products	-	141.41	143.60	139.52	138.17	-	3.58	3.59	3.37	3.37
3452	Bolts, nuts, rivets, and washers	-	143.45	142.56	145.18	147.35	-	3.65	3.60	3.49	3.50
346	Metal stampings	163.22	163.21	164.02	158.50	154.13	4.05	4.06	4.04	3.81	3.75
347	Metal services, n e c	129.03	126.88	125.90	125.11	123.07	3.25	3.27	3.27	3.12	3.10
348	Misc. fabricated wire products	130.41	129.89	129.82	125.74	125.55	3.31	3.28	3.27	3.12	3.10
349	Misc. fabricated metal products	144.44	142.23	144.40	140.15	139.74	3.62	3.61	3.61	3.41	3.40
3494,8	Valves, pipe, and pipe fittings	-	146.52	149.85	142.96	143.31	-	3.70	3.70	3.47	3.47
35	MACHINERY, EXCEPT ELECTRICAL	157.96	156.39	155.57	157.88	155.87	3.91	3.90	3.87	3.75	3.72
351	Engines and turbines	172.00	172.48	175.48	172.22	164.83	4.30	4.28	4.28	4.16	4.04
3511	Steam engines and turbines	-	190.99	188.86	178.23	164.81	-	4.58	4.54	4.39	4.11
3519	Internal combustion engines, n e c	-	165.97	170.95	169.71	164.81	-	4.17	4.19	4.06	4.01
352	Farm machinery	-	156.26	147.53	148.67	148.23	-	3.83	3.79	3.68	3.66
353	Construction and related machinery	157.55	156.38	155.94	155.82	154.56	3.89	3.89	3.86	3.71	3.68
3531,2	Construction and mining machinery	-	165.23	163.60	162.86	162.01	-	4.03	4.00	3.85	3.83
3533	Oil field machinery	-	150.84	151.06	147.20	145.01	-	3.67	3.64	3.48	3.42
3535,6	Conveyors, hoists, cranes, monorails	-	148.58	148.92	151.37	150.54	-	3.80	3.77	3.63	3.61
3537	Industrial trucks and tractors	-	131.04	131.72	134.92	135.60	-	3.59	3.56	3.39	3.39
354	Metal working machinery	(*)	168.44	169.72	182.57	180.02	(*)	4.19	4.17	4.14	4.11
3541	Machine tools, metal cutting types	-	156.70	163.39	174.03	170.31	-	4.07	4.07	4.01	3.97
3544	Special dies, tools, jigs & fixtures	-	189.35	189.00	209.74	207.46	-	4.53	4.50	4.53	4.51
3545	Machine tool accessories	-	151.30	154.06	156.83	155.29	-	3.94	3.93	3.77	3.76
3542,8	Misc. metal working machinery	-	153.60	153.54	159.27	158.10	-	3.84	3.81	3.73	3.72
355	Special industry machinery	147.20	146.43	147.86	147.55	146.43	3.68	3.67	3.66	3.48	3.47
3551	Food products machinery	-	148.57	150.05	154.51	154.15	-	3.79	3.77	3.61	3.61
3552	Textile machinery	-	126.23	126.14	124.20	121.69	-	3.14	3.13	3.00	2.99
3555	Printing trades machinery	-	161.60	162.77	154.93	153.72	-	4.00	3.97	3.68	3.66
356	General industrial machinery	154.05	152.48	150.53	153.50	152.67	3.90	3.88	3.84	3.69	3.67
3561	Pumps and compressors	-	150.07	148.90	150.18	151.20	-	3.78	3.76	3.61	3.60
3562	Ball and roller bearings	-	154.41	151.67	155.21	152.85	-	3.99	3.96	3.74	3.71
3564	Blowers and fans	-	138.45	141.95	140.27	139.28	-	3.55	3.54	3.38	3.34
3566	Power transmission equipment	-	153.25	151.31	154.14	155.24	-	3.87	3.86	3.67	3.67
357	Office and computing machines	158.24	155.90	154.35	151.16	149.24	3.85	3.84	3.83	3.66	3.64
3573	Electronic computing equipment	-	163.77	164.55	154.09	151.42	-	3.89	3.89	3.66	3.64
358	Service industry machines	141.33	138.13	139.08	133.87	130.28	3.56	3.56	3.53	3.33	3.29
3585	Refrigeration machinery	-	139.71	142.48	135.47	131.47	-	3.61	3.58	3.37	3.32
359	Misc. machinery, except electrical	159.33	156.21	156.11	153.13	151.50	3.83	3.81	3.78	3.62	3.59

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	41.5	40.5	40.4	40.8	40.8	—	3.0	2.6	3.2	3.3
331	Blast furnace and basic steel products	(*)	40.5	40.4	40.2	40.3	—	2.6	2.0	2.4	2.6
3312	Blast furnaces and steel mills	—	40.4	40.3	40.1	40.2	—	—	—	—	—
332	Iron and steel foundries	40.2	40.3	40.1	41.0	41.0	—	3.6	3.4	4.1	4.2
3321	Gray iron foundries	—	40.2	40.2	40.8	40.5	—	—	—	—	—
3322	Malleable iron foundries	—	40.4	39.7	40.6	40.0	—	—	—	—	—
3323	Steel foundries	—	40.6	39.9	41.9	42.5	—	—	—	—	—
333,4	Nonferrous metals	41.9	41.6	41.4	41.8	41.6	—	3.9	3.9	4.3	4.2
3334	Primary aluminum	—	41.4	40.4	41.1	40.7	—	—	—	—	—
335	Nonferrous rolling and drawing	(*)	41.1	41.3	42.2	41.8	—	3.3	3.0	4.1	4.1
3351	Copper rolling and drawing	—	41.1	40.9	41.5	41.5	—	—	—	—	—
3352	Aluminum rolling and drawing	—	41.5	41.4	42.1	41.8	—	—	—	—	—
3357	Nonferrous wire drawing and insulating	—	40.7	41.5	42.6	42.1	—	—	—	—	—
336	Nonferrous foundries	(*)	38.9	39.1	40.2	40.2	—	2.3	2.2	2.8	2.9
3361	Aluminum castings	—	38.9	39.1	40.2	39.9	—	—	—	—	—
3362,9	Other nonferrous castings	—	38.9	39.0	40.2	40.4	—	—	—	—	—
339	Miscellaneous primary metal products	40.3	40.1	40.4	41.2	41.3	—	3.0	3.1	4.0	3.7
3391	Iron and steel forgings	—	39.7	40.2	40.8	40.8	—	—	—	—	—
34	FABRICATED METAL PRODUCTS	40.0	39.8	40.1	40.9	40.6	—	2.6	2.7	3.4	3.3
341	Metal cans	(*)	42.8	44.2	43.3	43.0	—	4.8	6.1	4.3	4.1
342	Cutlery, hand tools, and hardware	40.0	39.5	39.8	40.5	39.9	—	2.1	2.1	2.8	2.8
3421,3,5	Cutlery and hand tools, incl. saws	—	39.6	39.7	40.7	40.4	—	—	—	—	—
3429	Hardware, n e c	—	39.4	39.9	40.3	39.5	—	—	—	—	—
343	Plumbing and heating, except electric	39.1	39.1	39.1	39.5	39.6	—	1.9	1.9	2.3	2.3
3431,2	Sanitary ware & plumbers' brass goods	—	38.8	39.0	39.4	39.2	—	—	—	—	—
3433	Heating equipment, except electric	—	39.3	39.3	39.6	39.9	—	—	—	—	—
344	Fabricated structural metal products	39.9	39.6	39.9	40.6	40.1	—	2.4	2.4	3.1	3.0
3441	Fabricated structural steel	—	40.7	40.9	41.0	40.7	—	—	—	—	—
3442	Metal doors, sash, and trim	—	37.8	37.9	38.7	37.9	—	—	—	—	—
3443	Fabricated plate work (boiler shops)	—	40.2	40.8	41.3	41.2	—	—	—	—	—
3444	Sheet metal work	—	39.1	39.2	40.3	39.7	—	—	—	—	—
3446,9	Architectural and misc. metal work	—	38.4	38.9	40.5	39.5	—	—	—	—	—
345	Screw machine products, bolts, etc.	39.6	39.4	39.8	41.5	41.6	—	2.2	2.2	4.0	3.9
3451	Screw machine products	—	39.5	40.0	41.4	41.0	—	—	—	—	—
3452	Bolts, nuts, rivets, and washers	—	39.3	39.6	41.6	42.1	—	—	—	—	—
346	Metal stampings	40.3	40.2	40.6	41.6	41.1	—	3.3	3.3	3.7	3.4
347	Metal services, n e c	39.7	38.8	38.5	40.1	39.7	—	3.4	3.4	4.1	4.2
348	Misc. fabricated wire products	39.4	39.6	39.7	40.3	40.5	—	2.3	2.3	3.2	3.2
349	Misc. fabricated metal products	39.9	39.4	40.0	41.1	41.1	—	2.1	2.1	3.5	3.6
3494,8	Valves, pipe, and pipe fittings	—	39.6	40.5	41.2	41.3	—	—	—	—	—
35	MACHINERY, EXCEPT ELECTRICAL	40.4	40.1	40.2	42.1	41.9	—	2.3	2.4	4.0	4.0
351	Engines and turbines	40.0	40.3	41.0	41.4	40.8	—	3.1	3.4	3.9	3.6
3511	Steam engines and turbines	—	41.7	41.6	40.6	40.1	—	—	—	—	—
3519	Internal combustion engines, n e c	—	39.8	40.8	41.8	41.1	—	—	—	—	—
352	Farm machinery	—	40.8	38.9	40.4	40.5	—	2.4	2.4	2.7	2.7
353	Construction and related machinery	40.5	40.2	40.4	42.0	42.0	—	2.5	2.5	3.7	3.8
3531,2	Construction and mining machinery	—	41.0	40.9	42.3	42.3	—	—	—	—	—
3533	Oil field machinery	—	41.1	41.5	42.3	42.4	—	—	—	—	—
3535,6	Conveyors, hoists, cranes, monorails	—	39.1	39.5	41.7	41.7	—	—	—	—	—
3537	Industrial trucks and tractors	—	36.5	37.0	39.8	40.0	—	—	—	—	—
354	Metal working machinery	(*)	40.2	40.7	44.1	43.8	—	2.5	2.7	5.8	5.7
3541	Machine tools, metal cutting types	—	38.5	39.9	43.4	42.9	—	—	—	—	—
3544	Special dies, tools, jigs, & fixtures	—	41.8	42.0	46.3	46.0	—	—	—	—	—
3545	Machine tool accessories	—	38.4	39.2	41.6	41.3	—	—	—	—	—
3542,8	Misc. metal working machinery	—	40.0	40.3	42.7	42.5	—	—	—	—	—
355	Special industry machinery	40.0	39.9	40.4	42.4	42.2	—	2.0	2.2	4.1	3.9
3551	Food products machinery	—	39.2	39.8	42.8	42.7	—	—	—	—	—
3552	Textile machinery	—	40.2	40.3	41.4	40.7	—	—	—	—	—
3555	Printing trades machinery	—	40.4	41.0	42.1	42.0	—	—	—	—	—
356	General industrial machinery	39.5	39.3	39.2	41.6	41.6	—	1.8	1.7	3.8	3.8
3561	Pumps and compressors	—	39.7	39.6	41.6	42.0	—	—	—	—	—
3562	Ball and roller bearings	—	38.7	38.3	41.5	41.2	—	—	—	—	—
3564	Blowers and fans	—	39.0	40.1	41.5	41.7	—	—	—	—	—
3566	Power transmission equipment	—	39.6	39.2	42.0	42.3	—	—	—	—	—
357	Office and computing machines	41.1	40.6	40.3	41.3	41.0	—	1.7	2.0	2.8	2.6
3573	Electronic computing equipment	—	42.1	42.3	42.1	41.6	—	—	—	—	—
358	Service industry machines	39.7	38.8	39.4	40.2	39.6	—	1.6	1.7	2.7	2.4
3585	Refrigeration machinery	—	38.7	39.8	40.2	39.6	—	—	—	—	—
359	Misc. machinery, except electrical	41.6	41.0	41.3	42.3	42.2	—	3.1	3.5	4.6	4.7

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

C-2: Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls, by industry--Continued

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$136.67	\$134.85	\$135.83	\$129.92	\$127.04	\$3.46	\$3.44	\$3.43	\$3.24	\$3.20
361	Electric test & distributing equipment...	144.08	142.60	142.09	138.17	133.17	3.62	3.61	3.57	3.37	3.28
3611	Electric measuring instruments.....	-	125.32	123.13	121.70	119.47	-	3.23	3.19	3.05	3.04
3612	Transformers.....	-	141.09	140.18	140.95	135.30	-	3.59	3.54	3.38	3.30
3613	Switchgear and switchboard apparatus..	-	154.79	155.88	149.45	142.76	-	3.86	3.83	3.61	3.44
362	Electrical industrial apparatus.....	(*)	136.81	139.65	136.01	132.40	(*)	3.49	3.50	3.35	3.31
3621	Motors and generators.....	-	137.98	143.07	140.01	133.06	-	3.52	3.55	3.44	3.36
3622	Industrial controls.....	-	134.01	132.60	127.76	127.28	-	3.41	3.40	3.21	3.19
363	Household appliances.....	(*)	135.97	142.44	136.40	133.96	(*)	3.55	3.57	3.41	3.40
3632	Household refrigerators and freezers...	-	145.52	157.21	149.88	146.89	-	3.86	3.94	3.71	3.70
3633	Household laundry equipment.....	-	142.11	156.04	145.27	137.21	-	3.73	3.76	3.65	3.63
3634	Electric housewares and fans.....	-	114.94	113.59	109.87	110.04	-	2.97	2.92	2.81	2.80
364	Electric lighting and wiring equipment...	127.08	125.71	126.29	119.59	116.42	3.25	3.24	3.23	3.02	2.97
3641	Electric lamps.....	-	127.40	129.28	122.67	119.03	-	3.25	3.24	3.09	3.06
3642	Lighting fixtures.....	-	130.81	129.65	119.47	117.09	-	3.38	3.35	3.04	3.01
3643,4	Wiring devices.....	-	120.51	122.07	117.81	114.44	-	3.13	3.13	2.96	2.89
365	Radio and TV receiving equipment.....	119.74	121.73	119.35	111.07	109.53	3.11	3.17	3.10	2.90	2.89
366	Communication equipment.....	(*)	151.10	152.18	149.76	148.27	(*)	3.74	3.73	3.60	3.59
3661	Telephone and telegraph apparatus.....	-	144.87	147.38	152.15	151.23	-	3.64	3.63	3.58	3.55
3662	Radio and TV communication equipment	-	157.06	157.00	147.65	145.84	-	3.84	3.82	3.61	3.61
367	Electronic components and accessories..	(*)	116.49	116.49	109.09	107.75	(*)	3.01	3.01	2.79	2.77
3671-3	Electron tubes.....	-	130.02	129.96	120.56	118.47	-	3.30	3.29	2.79	3.03
3674,9	Other electronic components.....	-	112.81	112.81	106.47	105.15	-	2.93	2.93	2.73	2.71
369	Misc. electrical equipment & supplies...	(*)	149.29	150.80	136.57	134.01	(*)	3.77	3.77	3.44	3.41
3694	Engine electrical equipment.....	-	152.49	152.88	142.30	137.77	-	3.92	3.92	3.63	3.56
37	TRANSPORTATION EQUIPMENT.....	181.66	181.56	182.10	160.40	157.21	4.42	4.45	4.42	4.01	3.97
371	Motor vehicles and equipment.....	(*)	202.25	200.55	164.34	158.65	(*)	4.77	4.73	4.15	4.11
3711	Motor vehicles.....	-	201.23	205.31	167.38	161.08	-	4.97	4.90	4.27	4.25
3712	Passenger car bodies.....	-	249.57	261.13	170.10	181.57	-	5.31	5.34	4.50	4.62
3713	Truck and bus bodies.....	-	145.70	150.55	138.51	138.63	-	3.67	3.69	3.42	3.44
3714	Motor vehicle parts and accessories...	-	194.46	193.24	166.44	158.71	-	4.63	4.59	4.13	4.08
3715	Truck trailers.....	-	130.60	128.52	125.51	126.36	-	3.41	3.40	3.21	3.24
372	Aircraft and parts.....	171.57	169.49	174.22	165.64	166.04	4.30	4.28	4.27	4.04	4.03
3721	Aircraft.....	-	170.25	177.12	166.87	168.10	-	4.31	4.32	4.09	4.09
3722	Aircraft engines and engine parts.....	-	168.95	170.34	162.41	162.81	-	4.31	4.28	4.03	4.01
3723,9	Other aircraft parts and equipment.....	-	166.83	172.22	166.66	164.61	-	4.15	4.14	3.94	3.91
373	Ship and boat building and repairing...	153.62	151.32	153.64	147.68	148.06	3.85	3.89	3.87	3.72	3.72
3731	Ship building and repairing.....	-	158.69	161.19	157.59	158.00	-	4.09	4.05	3.93	3.95
3732	Boat building and repairing.....	-	124.97	124.74	115.89	115.92	-	3.18	3.15	3.01	2.98
374	Railroad equipment.....	-	169.69	167.66	166.04	163.20	-	4.34	4.31	4.12	4.08
375,9	Other transportation equipment.....	-	117.49	115.71	116.74	114.53	-	3.21	3.17	3.04	3.03
38	INSTRUMENTS AND RELATED PRODUCTS...	139.20	135.98	136.28	133.50	131.45	3.48	3.46	3.45	3.28	3.27
381	Engineering & scientific instruments...	-	156.81	157.96	151.98	150.02	-	3.93	3.91	3.68	3.65
382	Mechanical measuring & control devices..	134.80	132.31	132.21	133.17	130.73	3.43	3.41	3.39	3.28	3.26
3821	Mechanical measuring devices.....	-	133.38	134.35	136.45	133.32	-	3.42	3.41	3.32	3.30
3822	Automatic temperature controls.....	-	130.18	129.31	128.08	127.12	-	3.39	3.35	3.21	3.21
383,5	Optical and ophthalmic goods.....	124.50	123.00	120.40	122.82	123.32	3.16	3.17	3.16	3.04	3.06
385	Ophthalmic goods.....	-	114.05	111.67	112.63	112.18	-	2.97	2.97	2.83	2.84
384	Medical instruments and supplies.....	123.38	120.04	119.17	112.29	110.19	3.10	3.07	3.04	2.85	2.84
386	Photographic equipment and supplies....	(*)	166.84	167.68	163.92	160.82	(*)	4.14	4.13	3.83	3.82
387	Watches, clocks, and watchcases.....	-	110.19	113.60	107.92	102.71	-	2.84	2.84	2.76	2.71
39	MISC. MANUFACTURING INDUSTRIES.....	112.71	111.72	112.22	109.20	108.64	2.92	2.94	2.93	2.80	2.80
391	Jewelry, silverware, and plated ware...	124.66	121.09	119.83	121.39	118.29	3.18	3.17	3.17	3.05	3.01
394	Toys and sporting goods.....	-	100.44	103.52	99.72	99.72	-	2.70	2.71	2.57	2.57
3941-3	Games, toys, dolls & play vehicles....	-	95.16	98.14	95.50	96.25	-	2.60	2.61	2.50	2.50
3949	Sporting and athletic goods, n e c.....	-	106.22	108.64	104.02	103.62	-	2.81	2.80	2.64	2.65
395	Pens, pencils, office and art supplies....	-	114.38	114.00	108.70	109.09	-	3.01	3.00	2.78	2.79
396	Costume jewelry and notions.....	-	100.66	102.49	97.28	96.39	-	2.67	2.69	2.54	2.53
393,9	Other manufacturing industries.....	119.35	119.66	119.20	116.82	116.61	3.10	3.10	3.08	2.98	2.99
393	Musical instruments and parts.....	-	114.52	118.50	114.95	113.87	-	2.99	3.00	2.94	2.95
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS.....	132.26	132.87	134.13	124.00	123.20	3.34	3.33	3.32	3.10	3.08
201	Meat products.....	139.00	138.95	148.39	132.59	129.10	3.51	3.50	3.55	3.29	3.26
2011	Meat packing plants.....	-	168.92	184.31	159.29	155.09	-	4.10	4.17	3.82	3.82
2013	Sausages and other prepared meats....	-	152.38	155.54	144.36	138.41	-	3.80	3.85	3.60	3.54
2015	Poultry dressing plants.....	-	80.81	85.14	79.80	79.63	-	2.19	2.20	2.10	2.09

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGSC-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	39.5	39.2	39.6	40.1	39.7	-	1.8	1.8	2.4	2.2
361	Electric test & distributing equipment	39.8	39.5	39.8	41.0	40.6	-	1.7	1.6	2.8	2.9
3611	Electric measuring instruments	-	38.8	38.6	39.9	39.3	-	-	-	-	-
3612	Transformers	-	39.3	39.6	41.7	41.0	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	40.1	40.7	41.4	41.5	-	-	-	-	-
362	Electrical industrial apparatus	(*)	39.2	39.9	40.6	40.0	-	1.9	1.7	2.6	2.6
3621	Motors and generators	-	39.2	40.3	40.7	39.6	-	-	-	-	-
3622	Industrial controls	-	39.3	39.0	39.8	39.9	-	-	-	-	-
363	Household appliances	(*)	38.3	39.9	40.0	39.4	-	1.7	2.0	2.1	1.9
3632	Household refrigerators and freezers	-	37.7	39.9	40.4	39.7	-	-	-	-	-
3633	Household laundry equipment	-	38.1	41.5	39.8	37.8	-	-	-	-	-
3634	Electric housewares and fans	-	38.7	38.9	39.1	39.3	-	-	-	-	-
364	Electric lighting and wiring equipment	39.1	38.8	39.1	39.6	39.2	-	1.5	1.6	2.2	2.2
3641	Electric lamps	-	39.2	39.9	39.7	38.9	-	-	-	-	-
3642	Lighting fixtures	-	38.7	38.7	39.3	38.9	-	-	-	-	-
3643,4	Wiring devices	-	38.5	39.0	39.8	39.6	-	-	-	-	-
365	Radio and TV receiving equipment	38.5	38.4	38.5	38.3	37.9	-	1.6	1.4	1.0	1.0
366	Communication equipment	(*)	40.4	40.8	41.6	41.3	-	2.4	2.5	3.4	2.8
3661	Telephone and telegraph apparatus	-	39.8	40.6	42.5	42.6	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.9	41.1	40.9	40.4	-	-	-	-	-
367	Electronic components and accessories	(*)	38.7	38.7	39.1	38.9	-	1.5	1.4	1.8	1.8
3671-3	Electron tubes	-	39.4	39.5	39.4	39.1	-	-	-	-	-
3674,9	Other electronic components	-	38.5	38.5	39.0	38.8	-	-	-	-	-
369	Misc. electrical equipment & supplies	(*)	39.6	40.0	39.7	39.3	-	2.1	2.1	2.2	2.1
3694	Engine electrical equipment	-	38.9	39.0	39.2	38.7	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	41.1	40.8	41.2	40.0	39.6	-	3.7	3.5	2.3	2.4
371	Motor vehicles and equipment	(*)	42.4	42.4	39.6	38.6	-	5.2	4.5	2.0	1.9
3711	Motor vehicles	-	42.3	41.9	39.2	37.9	-	-	-	-	-
3712	Passenger car bodies	-	47.0	48.9	37.8	39.3	-	-	-	-	-
3713	Truck and bus bodies	-	39.7	40.8	40.5	40.3	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	42.0	42.1	40.3	38.9	-	-	-	-	-
3715	Truck trailers	-	38.3	37.8	39.1	39.0	-	-	-	-	-
372	Aircraft and parts	39.9	39.6	40.8	41.0	41.2	-	1.7	2.1	2.5	2.9
3721	Aircraft	-	39.5	41.0	40.8	41.1	-	-	-	-	-
3722	Aircraft engines and engine parts	-	39.2	39.8	40.3	40.6	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	40.2	41.6	42.3	42.1	-	-	-	-	-
373	Ship and boat building and repairing	39.9	38.9	39.7	39.7	39.8	-	2.7	3.3	3.0	3.1
3731	Ship building and repairing	-	38.8	39.8	40.1	40.0	-	-	-	-	-
3732	Boat building and repairing	-	39.3	39.6	38.5	38.9	-	-	-	-	-
374	Railroad equipment	-	39.1	38.9	40.3	40.0	-	2.0	1.7	2.7	2.6
375,9	Other transportation equipment	-	36.6	36.5	38.4	37.8	-	1.6	1.6	1.9	1.7
38	INSTRUMENTS AND RELATED PRODUCTS	40.0	39.3	39.5	40.7	40.2	-	1.7	1.8	2.7	2.5
381	Engineering & scientific instruments	-	39.9	40.4	41.3	41.1	-	2.2	2.5	3.1	2.8
382	Mechanical measuring & control devices	39.3	38.8	39.0	40.6	40.1	-	1.5	1.6	2.9	2.8
3821	Mechanical measuring devices	-	39.0	39.4	41.1	40.4	-	-	-	-	-
3822	Automatic temperature controls	-	38.4	38.6	39.9	39.6	-	-	-	-	-
383,5	Optical and ophthalmic goods	39.4	38.8	38.1	40.4	40.3	-	1.5	1.2	2.7	2.6
385	Ophthalmic goods	-	38.4	37.6	39.8	39.5	-	1.4	1.2	2.1	2.0
384	Medical instruments and supplies	39.8	39.1	39.2	39.4	38.8	-	1.7	1.6	1.8	1.5
386	Photographic equipment and supplies	(*)	40.3	40.6	42.8	42.1	-	1.8	2.0	3.5	3.2
387	Watches, clocks, and watch cases	-	38.8	40.0	39.1	37.9	-	1.4	1.8	1.9	1.7
39	MISC. MANUFACTURING INDUSTRIES	38.6	38.0	38.3	39.0	38.8	-	1.9	1.8	2.4	2.3
391	Jewelry, silverware, and plated ware	39.2	38.2	37.8	39.8	39.3	-	2.2	2.0	3.1	2.5
394	Toys and sporting goods	-	37.2	38.2	38.8	38.8	-	1.6	1.6	2.0	2.1
3941-3	Games, toys, dolls, & play vehicles	-	36.6	37.6	38.2	38.5	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	37.8	38.8	39.4	39.1	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	38.0	38.0	39.1	39.1	-	.7	.6	1.9	1.7
396	Costume jewelry and notions	-	37.7	38.1	38.3	38.1	-	1.8	1.8	2.4	2.3
393,9	Other manufacturing industries	38.5	38.6	38.7	39.2	39.0	-	2.1	2.0	2.6	2.5
393	Musical instruments and parts	-	38.3	39.5	39.1	38.6	-	1.9	2.1	1.9	1.6
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	39.6	39.9	40.4	40.0	40.0	-	3.5	3.9	3.5	3.7
201	Meat products	39.6	39.7	41.8	40.3	39.6	-	3.6	5.4	4.0	3.7
2011	Meat packing plants	-	41.2	44.2	41.7	40.6	-	-	-	-	-
2013	Sausages and other prepared meats	-	40.1	40.4	40.1	39.1	-	-	-	-	-
2015	Poultry dressing plants	-	36.9	38.7	38.0	38.1	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	\$139.33	\$139.67	\$138.17	\$130.60	\$131.33	\$3.39	\$3.39	\$3.37	\$3.17	\$3.18
2024	Ice cream and frozen desserts	-	130.98	128.38	125.26	123.82	-	3.25	3.25	3.07	3.08
2026	Fluid milk	-	147.26	146.43	136.78	136.78	-	3.54	3.52	3.32	3.32
203	Canned, cured, and frozen foods	-	107.03	106.37	100.47	100.87	-	2.78	2.77	2.63	2.62
2031,6	Canned, cured, and frozen sea foods	-	87.72	84.25	87.24	90.04	-	2.43	2.36	2.41	2.44
2032,3	Canned food, except sea foods	-	120.08	117.99	108.87	108.47	-	3.04	3.01	2.85	2.81
2037	Frozen fruits and vegetables	-	96.00	96.50	94.95	93.77	-	2.50	2.50	2.41	2.38
204	Grain mill products	147.92	149.89	149.70	141.24	141.96	3.44	3.43	3.41	3.21	3.19
2041	Flour and other grain mill products	-	155.67	157.85	145.73	150.20	-	3.53	3.50	3.21	3.23
2042	Prepared feeds for animals and fowls	-	138.91	138.62	125.53	126.50	-	3.08	3.06	2.84	2.83
205	Bakery products	131.58	131.87	129.70	120.67	121.21	3.40	3.39	3.36	3.11	3.10
2051	Bread, cake, and related products	-	132.35	130.18	122.22	120.74	-	3.42	3.39	3.15	3.12
2052	Cookies and crackers	-	129.23	126.29	115.80	122.41	-	3.28	3.23	3.00	3.03
206	Sugar	-	131.33	132.80	124.23	127.98	-	3.54	3.32	3.21	3.04
207	Confectionery and related products	117.27	111.93	112.11	106.50	103.33	2.91	2.87	2.86	2.71	2.67
2071	Confectionery products	-	106.65	107.48	102.96	99.58	-	2.77	2.77	2.64	2.60
208	Beverages	153.22	150.51	148.55	141.37	137.67	3.84	3.82	3.78	3.57	3.53
2082	Malt liquors	-	202.78	196.75	186.50	183.87	-	4.91	4.87	4.56	4.54
2086	Bottled and canned soft drinks	-	109.44	109.52	105.15	102.14	-	2.85	2.83	2.71	2.66
209	Misc. foods and kindred products	(*)	134.46	131.65	122.70	124.09	(*)	3.24	3.18	3.00	2.99
21	TOBACCO MANUFACTURES	113.04	107.81	115.28	105.56	106.64	3.14	3.02	3.01	2.90	2.89
211	Cigarettes	-	124.92	139.65	122.81	130.10	-	3.60	3.59	3.44	3.46
212	Cigars	-	82.49	83.55	79.82	79.79	-	2.26	2.24	2.14	2.18
22	TEXTILE MILL PRODUCTS	102.51	101.85	101.60	97.04	96.80	2.55	2.54	2.54	2.42	2.42
221	Weaving mills, cotton	102.36	103.38	103.89	98.98	99.46	2.54	2.54	2.54	2.42	2.42
222	Weaving mills, synthetics	106.19	105.01	102.80	100.37	99.38	2.59	2.58	2.57	2.46	2.46
223	Weaving and finishing mills, wool	(*)	103.22	106.39	102.42	102.92	(*)	2.64	2.64	2.48	2.48
224	Narrow fabric mills	98.06	98.31	99.05	97.44	96.47	2.47	2.47	2.47	2.43	2.43
225	Knitting mills	93.84	91.50	91.74	89.77	88.45	2.45	2.44	2.44	2.35	2.34
2251	Women's hosiery, except socks	-	80.34	82.22	87.23	85.70	-	2.37	2.39	2.32	2.31
2252	Hosiery, n e c	-	79.70	79.12	78.97	79.18	-	2.22	2.21	2.14	2.14
2253	Knit outerwear mills	-	96.52	97.78	91.88	91.26	-	2.52	2.52	2.45	2.44
2254	Knit underwear mills	-	85.50	84.82	79.94	78.12	-	2.28	2.28	2.19	2.17
226	Textile finishing, except wool	(*)	115.35	111.92	106.40	107.17	(*)	2.74	2.71	2.57	2.57
227	Floor covering mills	-	109.03	107.98	102.25	102.75	-	2.64	2.65	2.50	2.50
228	Yarn and thread mills	97.51	97.34	97.10	90.80	89.10	2.39	2.38	2.38	2.27	2.25
229	Miscellaneous textile goods	117.14	116.44	114.24	107.98	107.30	2.85	2.84	2.80	2.64	2.63
23	APPAREL AND OTHER TEXTILE PRODUCTS	87.54	86.06	85.61	84.85	83.78	2.48	2.48	2.46	2.37	2.36
231	Men's and boys' suits and coats	99.75	97.90	101.78	103.25	102.89	2.96	2.94	2.95	2.86	2.85
232	Men's and boys' furnishings	77.76	75.82	77.33	76.54	75.35	2.16	2.16	2.16	2.08	2.07
2321	Men's and boys' shirts and nightwear	-	73.19	74.47	75.85	75.03	-	2.14	2.14	2.05	2.05
2327	Men's and boys' separate trousers	-	78.05	78.69	76.38	75.40	-	2.15	2.15	2.07	2.06
2328	Men's and boys' work clothing	-	71.42	75.09	73.40	72.60	-	2.07	2.08	2.00	2.00
233	Women's and misses' outerwear	91.05	89.38	86.72	87.72	86.27	2.67	2.66	2.62	2.55	2.53
2331	Women's and misses' blouses and waists	-	79.68	79.83	80.48	79.45	-	2.40	2.39	2.28	2.27
2335	Women's and misses' dresses	-	91.36	87.31	90.71	86.91	-	2.76	2.72	2.66	2.61
2337	Women's and misses' suits and coats	-	100.35	97.28	92.06	96.80	-	3.05	3.04	2.85	2.89
2339	Women's and misses' outerwear, n e c	-	80.59	81.13	80.44	79.78	-	2.27	2.26	2.21	2.21
234	Women's and children's undergarments	80.68	79.20	79.07	77.47	76.33	2.26	2.25	2.24	2.17	2.15
2341	Women's and children's underwear	-	78.10	76.87	76.25	74.76	-	2.20	2.19	2.13	2.10
2342	Corsets and allied garments	-	81.53	84.85	80.71	80.26	-	2.37	2.37	2.28	2.28
235	Hats, caps, and millinery	-	82.59	84.11	79.43	81.45	-	2.32	2.33	2.25	2.25
236	Children's outerwear	80.97	80.62	79.12	78.10	78.98	2.32	2.31	2.28	2.20	2.20
2361	Children's dresses and blouses	-	82.25	80.50	76.78	77.11	-	2.33	2.30	2.20	2.16
237,8	Fur goods and miscellaneous apparel	-	91.55	90.82	87.84	86.99	-	2.55	2.58	2.44	2.43
239	Misc. fabricated textile products	97.38	98.10	97.20	90.77	87.00	2.59	2.63	2.62	2.44	2.39
2391,2	Housefurnishings	-	81.98	82.21	79.61	78.65	-	2.24	2.24	2.14	2.12
26	PAPER AND ALLIED PRODUCTS	148.99	147.80	147.74	140.70	140.37	3.59	3.57	3.56	3.35	3.35
261,2,6	Paper and pulp mills	168.91	169.34	169.69	161.92	161.11	3.91	3.92	3.91	3.68	3.67
263	Paperboard mills	179.78	178.00	176.40	165.54	166.43	4.04	4.00	4.00	3.72	3.74
264	Misc. converted paper products	131.53	129.42	129.20	124.54	124.24	3.28	3.26	3.23	3.06	3.06
2643	Bags, except textile bags	-	124.11	124.97	119.36	118.15	-	3.15	3.14	2.94	2.91
265	Paperboard containers and boxes	133.20	132.07	131.93	125.64	124.62	3.33	3.31	3.29	3.11	3.10
2651,2	Folding and setup paperboard boxes	-	123.87	122.30	118.19	116.91	-	3.16	3.12	2.94	2.93
2653	Corrugated and solid fiber boxes	-	137.94	139.66	130.82	129.04	-	3.44	3.44	3.23	3.21
2654	Sanitary food containers	-	133.01	130.65	124.14	124.34	-	3.26	3.21	3.05	3.04

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers'
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1971 P	Feb. 1971 P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 P	Feb. 1971 P	Jan. 1971	Mar. 1970	Feb. 1970
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	41.1	41.2	41.0	41.2	41.3	-	3.8	3.6	3.8	3.9
2024	Ice cream and frozen desserts	-	40.3	39.5	40.8	40.2	-	-	-	-	-
2026	Fluid milk	-	41.6	41.6	41.2	41.2	-	-	-	-	-
203	Canned, cured, and frozen foods	-	38.5	38.4	38.2	38.5	-	3.0	2.8	2.8	3.2
2031,6	Canned, cured and frozen sea foods	-	36.1	35.7	36.2	36.9	-	-	-	-	-
2032,3	Canned food, except sea foods	-	39.5	39.2	38.2	38.6	-	-	-	-	-
2037	Frozen fruits and vegetables	-	38.4	38.6	39.4	39.4	-	-	-	-	-
204	Grain mill products	43.0	43.7	43.9	44.0	44.5	-	5.8	6.2	5.8	6.4
2041	Flour and other grain mill product	-	44.1	45.1	45.4	46.5	-	-	-	-	-
2042	Prepared feeds for animals and fowls	-	45.1	45.3	44.2	44.7	-	-	-	-	-
205	Bakery products	38.7	38.9	38.6	38.8	39.1	-	2.9	2.8	2.8	3.2
2051	Bread, cake, and related products	-	38.7	38.4	38.8	38.7	-	-	-	-	-
2052	Cookies and crackers	-	39.4	39.1	38.6	40.4	-	-	-	-	-
206	Sugar	-	37.1	40.0	38.7	42.1	-	3.0	3.5	3.1	3.7
207	Confectionery and related products	40.3	39.0	39.2	39.3	38.7	-	2.3	2.3	2.5	2.5
2071	Confectionery products	-	38.5	38.8	39.0	38.3	-	-	-	-	-
208	Beverages	39.9	39.4	39.3	39.6	39.0	-	2.9	2.7	3.0	2.7
2082	Malt liquors	-	41.3	40.4	40.9	40.5	-	-	-	-	-
2086	Bottled and canned soft drinks	-	38.4	38.7	38.8	38.4	-	-	-	-	-
209	Misc. foods and kindred products	(*)	41.5	41.4	40.9	41.5	-	4.6	4.6	4.1	4.8
21	TOBACCO MANUFACTURES	36.0	35.7	38.3	36.4	36.9	-	1.3	1.4	.9	1.4
211	Cigarettes	-	34.7	38.9	35.7	37.6	-	1.3	1.8	.7	1.7
212	Cigars	-	36.5	37.3	37.3	36.6	-	1.4	.9	1.1	1.2
22	TEXTILE MILL PRODUCTS	40.2	40.1	40.0	40.1	40.0	-	3.4	3.3	3.4	3.5
221	Weaving mills, cotton	40.3	40.7	40.9	40.9	41.1	-	3.7	3.7	4.2	4.3
222	Weaving mills, synthetics	41.0	40.7	40.0	40.8	40.4	-	3.3	3.1	3.5	3.4
223	Weaving and finishing mills, wool	(*)	39.1	40.3	41.3	41.5	-	2.9	3.2	3.7	3.9
224	Narrow fabric mills	39.7	39.8	40.1	40.1	39.7	-	2.3	2.3	2.7	2.8
225	Knitting mills	38.3	37.5	37.6	38.2	37.8	-	2.3	2.4	2.4	2.3
2251	Women's hosiery, except socks	-	33.9	34.4	37.6	37.1	-	-	-	-	-
2252	Hosiery, n e c	-	35.9	35.8	36.9	37.0	-	-	-	-	-
2253	Knit outerwear mills	-	38.3	38.8	37.5	37.4	-	-	-	-	-
2254	Knit underwear mills	-	37.5	37.2	36.5	36.0	-	-	-	-	-
226	Textile finishing, except wool	(*)	42.1	41.3	41.4	41.7	-	4.8	4.3	4.2	4.4
227	Floor covering mills	-	41.3	40.9	40.9	41.1	-	3.6	3.6	2.9	3.1
228	Yarn and thread mills	40.8	40.9	40.8	40.0	39.6	-	4.0	3.8	3.6	3.5
229	Miscellaneous textile goods	41.1	41.0	40.8	40.9	40.8	-	3.6	3.2	3.6	3.7
23	APPAREL AND OTHER TEXTILE PRODUCTS	35.3	34.7	34.8	35.8	35.5	-	1.1	1.0	1.3	1.2
231	Men's and boys' suits and coats	33.7	33.3	34.5	36.1	36.1	-	.7	.7	1.1	.9
232	Men's and boys' furnishings	36.0	35.1	35.8	36.8	36.4	-	.9	.9	1.2	1.2
2321	Men's and boys' shirts and nightwear	-	34.2	34.8	37.0	36.6	-	-	-	-	-
2327	Men's and boys' separate trousers	-	36.3	36.6	36.9	36.6	-	-	-	-	-
2328	Men's and boys' work clothing	-	34.5	36.1	36.7	36.3	-	-	-	-	-
233	Women's and misses' outerwear	34.1	33.6	33.1	34.4	34.1	-	1.1	1.0	1.4	1.3
2331	Women's and misses' blouses and waists	-	33.2	33.4	35.3	35.0	-	-	-	-	-
2335	Women's and misses' dresses	-	33.1	32.1	34.1	33.3	-	-	-	-	-
2337	Women's and misses' suits and coats	-	32.9	32.0	32.3	33.5	-	-	-	-	-
2339	Women's and misses' outerwear, n e c	-	35.5	35.9	36.4	36.1	-	-	-	-	-
234	Women's and children's undergarments	35.7	35.2	35.3	35.7	35.5	-	1.0	.8	1.0	1.1
2341	Women's and children's underwear	-	35.5	35.1	35.8	35.6	-	-	-	-	-
2342	Corsets and allied garments	-	34.4	35.8	35.4	35.2	-	-	-	-	-
235	Hats, caps, and millinery	-	35.6	36.1	35.3	36.2	-	.9	.9	1.2	1.3
236	Children's outerwear	34.9	34.9	34.7	35.5	35.9	-	1.2	.9	1.3	1.4
2361	Children's dresses and blouses	-	35.3	35.0	34.9	35.7	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel	-	35.9	35.2	36.0	35.8	-	1.0	1.0	1.0	1.0
239	Misc. fabricated textile products	37.6	37.3	37.1	37.2	36.4	-	1.7	1.5	1.7	1.4
2391,2	Housefurnishings	-	36.6	36.7	37.2	37.1	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	41.5	41.4	41.5	42.0	41.9	-	4.2	4.2	4.7	4.8
261,2,6	Paper and pulp mills	43.2	43.2	43.4	44.0	43.9	-	5.5	5.6	6.2	6.2
263	Paperboard mills	44.5	44.5	44.1	44.5	44.5	-	6.9	6.7	6.9	7.3
264	Misc. converted paper products	40.1	39.7	40.0	40.7	40.6	-	2.8	2.8	3.4	3.7
2643	Bags, except textile bags	-	39.4	39.8	40.6	40.6	-	-	-	-	-
265	Paperboard containers and boxes	40.0	39.9	40.1	40.4	40.2	-	3.1	3.2	3.5	3.5
2651,2	Folding and setup paperboard boxes	-	39.2	39.2	40.2	39.9	-	-	-	-	-
2653	Corrugated and solid fiber boxes	-	40.1	40.6	40.5	40.2	-	-	-	-	-
2654	Sanitary food containers	-	40.8	40.7	40.7	40.9	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	\$153.34	\$151.78	\$151.03	\$145.92	\$144.02	\$4.10	\$4.08	\$4.06	\$3.84	\$3.81
271	Newspapers	154.26	155.75	151.55	147.68	145.44	4.42	4.45	4.38	4.16	4.12
272	Periodicals	-	177.89	174.12	165.24	162.00	-	4.36	4.31	4.06	4.05
273	Books	-	141.26	142.42	133.82	131.92	-	3.65	3.68	3.44	3.40
275	Commercial printing	159.33	156.18	155.80	152.49	149.38	4.16	4.11	4.10	3.90	3.86
2751	Commercial printing, ex. lithographic	-	151.22	150.44	147.06	144.38	-	3.99	3.98	3.80	3.75
2752	Commercial printing, lithographic	-	163.78	163.45	161.19	156.79	-	4.31	4.29	4.05	4.01
278	Blankbooks and bookbinding	117.69	114.51	114.88	113.07	109.50	3.13	3.07	3.08	2.96	2.92
274,6,7,9	Other publishing & printing ind.	148.80	149.60	153.18	144.01	145.52	4.00	4.00	4.01	3.76	3.77
28	CHEMICALS AND ALLIED PRODUCTS	159.74	158.18	157.77	150.48	149.76	3.84	3.83	3.82	3.60	3.60
281	Industrial chemicals	178.08	177.24	175.56	168.35	168.33	4.23	4.22	4.19	3.98	3.97
2812	Alkalies and chlorine	-	176.38	175.54	171.23	172.37	-	4.24	4.24	4.01	3.99
2818	Industrial organic chemicals, n e c.	-	186.87	183.90	179.77	178.50	-	4.46	4.41	4.22	4.21
2819	Industrial inorganic chemicals, nec.	-	169.31	168.48	159.71	158.91	-	4.07	4.05	3.83	3.82
282	Plastics materials and synthetics	155.54	154.42	155.17	147.55	146.02	3.73	3.73	3.73	3.53	3.51
2821	Plastics materials and resins	-	166.30	165.45	160.55	159.70	-	3.95	3.93	3.76	3.74
2823,4	Synthetic fibers	-	141.58	143.03	133.33	131.54	-	3.47	3.48	3.26	3.24
283	Drugs	(*)	152.22	151.44	142.96	142.14	(*)	3.74	3.73	3.47	3.45
2834	Pharmaceutical preparations	-	147.02	145.89	137.16	136.42	-	3.63	3.62	3.37	3.36
284	Soap, cleaners, and toilet goods	158.62	154.71	155.52	147.44	145.91	3.85	3.82	3.84	3.57	3.55
2841	Soap and other detergents	-	190.19	194.74	182.62	182.25	-	4.65	4.67	4.39	4.36
2844	Toilet preparations	-	129.52	127.60	122.96	120.83	-	3.23	3.19	2.97	2.94
285	Paints and allied products	146.57	144.76	143.71	138.11	136.34	3.61	3.61	3.62	3.41	3.40
287	Agricultural chemicals	(*)	133.46	132.09	129.49	127.44	(*)	3.17	3.16	2.97	3.02
2871,2	Fertilizers, complete & mixing only	-	127.62	127.32	123.76	120.98	-	3.01	3.01	2.80	2.84
286,9	Other chemical products	147.33	148.10	149.04	142.69	142.42	3.62	3.63	3.60	3.43	3.44
2892	Explosives	-	153.14	154.54	146.37	143.87	-	3.80	3.76	3.57	3.57
29	PETROLEUM AND COAL PRODUCTS	190.40	190.40	185.64	176.81	176.81	4.48	4.48	4.42	4.23	4.23
291	Petroleum refining	(*)	198.71	195.25	186.01	186.01	(*)	4.72	4.66	4.45	4.45
295,9	Other petroleum and coal products	157.75	160.88	152.70	145.53	143.45	3.66	3.69	3.61	3.49	3.44
30	RUBBER AND PLASTICS PRODUCTS, N E C	130.28	131.08	132.47	127.26	127.48	3.29	3.31	3.32	3.15	3.14
301	Tires and inner tubes	(*)	175.12	177.60	179.35	184.40	(*)	4.40	4.44	4.21	4.21
302,3,6	Other rubber products	124.97	126.47	127.36	123.11	122.49	3.18	3.21	3.20	3.07	3.07
302	Rubber footwear	-	108.47	109.81	104.37	103.33	-	2.76	2.78	2.69	2.67
307	Miscellaneous plastics products	(*)	117.22	118.50	111.32	110.12	(*)	2.96	2.97	2.79	2.76
31	LEATHER AND LEATHER PRODUCTS	95.42	95.20	95.23	91.64	92.38	2.60	2.58	2.56	2.47	2.47
311	Leather tanning and finishing	131.93	127.53	126.68	124.34	122.09	3.29	3.27	3.24	3.07	3.06
314	Footwear, except rubber	91.33	91.87	93.62	89.30	91.13	2.53	2.51	2.51	2.42	2.43
312,3,5-7,8	Other leather products	93.37	93.10	89.54	87.36	86.87	2.51	2.53	2.46	2.40	2.38
316	Luggage	-	90.65	90.04	89.25	86.99	-	2.59	2.58	2.50	2.43
317	Handbags and personal leather goods	-	92.13	87.95	84.71	84.32	-	2.49	2.39	2.34	2.31
-	TRANSPORTATION AND PUBLIC UTILITIES	161.60	162.01	159.20	150.75	151.88	4.02	4.03	3.99	3.75	3.75
	RAILROAD TRANSPORTATION										
4011	Class I railroads ²	-	(*)	(*)	166.82	174.54	-	(*)	(*)	3.80	3.87
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	147.97	144.38	137.70	135.79	-	3.54	3.53	3.31	3.28
413	Intercity highway transportation	-	170.57	173.89	159.42	159.83	-	4.12	4.19	3.86	3.87
42	TRUCKING AND WAREHOUSING	-	171.38	168.09	153.59	152.40	-	4.18	4.13	3.71	3.69
421,3	Trucking and trucking terminals	-	175.09	172.18	156.83	155.63	-	4.26	4.22	3.77	3.75
422	Public warehousing	-	123.38	121.18	116.31	116.82	-	3.10	3.06	2.99	2.95
46	PIPE LINE TRANSPORTATION	-	202.31	200.93	188.14	186.05	-	4.84	4.75	4.60	4.56
48	COMMUNICATION	-	138.38	131.89	129.75	130.08	-	3.53	3.48	3.31	3.31
481	Telephone communication	-	135.59	127.76	127.33	127.66	-	3.45	3.38	3.24	3.24
4817	Switchboard operating employees ³	-	99.71	97.29	90.05	93.10	-	2.89	2.87	2.61	2.63
4818	Line construction employees ⁴	-	178.90	180.17	176.67	180.40	-	4.18	4.19	3.97	4.00
482	Telegraph communication ⁵	-	162.11	158.30	145.02	151.01	-	3.77	3.76	3.52	3.52
483	Radio and television broadcasting	-	153.85	155.42	142.88	142.87	-	4.07	4.09	3.75	3.74

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1971 p	Feb. 1971 p	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 p	Feb. 1971 p	Jan. 1971	Mar. 1970	Feb. 1970
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	37.4	37.2	37.2	38.0	37.8	-	2.4	2.4	3.0	2.8
271	Newspapers.....	34.9	35.0	34.6	35.5	35.3	-	2.2	1.8	2.4	2.2
272	Periodicals.....	-	40.8	40.4	40.7	40.0	-	5.0	4.1	4.2	4.1
273	Books.....	-	38.7	38.7	38.9	38.8	-	2.3	2.7	2.9	2.6
275	Commercial printing.....	38.3	38.6	38.0	39.1	38.7	-	2.7	2.6	3.6	3.3
2751	Commercial printing, ex. lithographic.....	-	37.9	37.8	38.7	38.5	-	-	-	-	-
2752	Commercial printing, lithographic.....	-	38.0	38.1	39.8	39.1	-	-	-	-	-
278	Blankbooks and bookbinding.....	37.6	37.3	37.3	38.2	37.5	-	1.5	1.7	2.3	1.9
274,6,7,9	Other publishing & printing ind.....	37.2	37.4	38.2	38.3	38.6	-	2.0	2.4	2.7	3.0
28	CHEMICALS AND ALLIED PRODUCTS ..	41.6	41.3	41.3	41.8	41.6	-	2.8	2.8	3.2	3.2
281	Industrial chemicals.....	42.1	42.0	41.9	42.3	42.4	-	3.4	3.2	3.6	3.9
2812	Alkalies and chlorine.....	-	41.6	41.4	42.7	43.2	-	-	-	-	-
2818	Industrial organic chemicals, n e c.....	-	41.9	41.7	42.6	42.4	-	-	-	-	-
2819	Industrial inorganic chemicals, n e c.....	-	41.6	41.6	41.7	41.6	-	-	-	-	-
282	Plastics materials and synthetics.....	41.7	41.4	41.6	41.8	41.6	-	2.3	2.5	2.5	2.6
2821	Plastics materials and resins.....	-	42.1	42.1	42.7	42.7	-	-	-	-	-
2823,4	Synthetic fibers.....	-	40.8	41.1	40.9	40.6	-	-	-	-	-
283	Drugs.....	(*)	40.7	40.6	41.2	41.2	-	2.4	2.4	3.0	3.1
2834	Pharmaceutical preparations.....	-	40.5	40.3	40.7	40.6	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	41.2	40.5	40.5	41.3	41.1	-	2.5	2.6	3.1	3.0
2841	Soap and other detergents.....	-	40.9	41.7	41.6	41.8	-	-	-	-	-
2844	Toilet preparations.....	-	40.1	40.0	41.4	41.1	-	-	-	-	-
285	Paints and allied products.....	40.6	40.1	39.7	40.5	40.1	-	2.1	2.0	2.4	2.2
287	Agricultural chemicals.....	(*)	42.1	41.8	43.6	42.2	-	4.3	4.0	5.8	4.9
2871,2	Fertilizers, complete & mixing only..	-	42.4	42.3	44.2	42.6	-	-	-	-	-
286,9	Other chemical products.....	40.7	40.8	41.4	41.6	41.4	-	2.6	2.8	2.9	3.0
2892	Explosives.....	-	40.3	41.1	41.0	40.3	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS	42.5	42.5	42.0	41.8	41.8	-	3.5	3.6	3.0	3.0
291	Petroleum refining.....	(*)	42.1	41.9	41.8	41.8	-	2.7	3.0	2.6	2.7
295,9	Other petroleum and coal products.....	43.1	43.6	42.3	41.7	41.7	-	6.2	5.5	4.4	4.3
30	RUBBER AND PLASTICS PRODUCTS, NEC. ..	39.6	39.6	39.9	40.4	40.6	-	2.6	2.8	3.5	3.7
301	Tires and inner tubes.....	(*)	39.8	40.0	42.6	43.8	-	2.6	3.6	5.6	6.3
302,3,6	Other rubber products.....	39.3	39.4	39.8	40.1	39.9	-	2.6	2.5	2.8	2.8
302	Rubber footwear.....	-	39.3	39.5	38.8	38.7	-	3.2	2.9	2.4	2.1
307	Miscellaneous plastics products.....	(*)	39.6	39.9	39.9	39.9	-	2.7	2.7	3.2	3.2
31	LEATHER AND LEATHER PRODUCTS	36.7	36.9	37.2	37.1	37.4	-	1.6	1.6	1.7	1.9
311	Leather tanning and finishing.....	40.1	39.0	39.1	40.5	39.9	-	2.9	2.8	3.6	3.3
314	Footwear, except rubber.....	36.1	36.6	37.3	36.9	37.5	-	1.4	1.5	1.6	1.9
312,3,5-7,9	Other leather products.....	37.2	36.8	36.4	36.4	36.5	-	1.6	1.3	1.4	1.4
316	Luggage.....	-	35.0	34.9	35.7	35.8	-	.7	.8	1.0	1.1
317	Handbags and personal leather goods..	-	37.0	36.8	36.2	36.5	-	1.9	1.7	1.3	1.5
-	TRANSPORTATION AND PUBLIC UTILITIES	40.2	40.2	39.9	40.2	40.5	-	-	-	-	-
4011	RAILROAD TRANSPORTATION: Class I railroads ²	-	(*)	(*)	43.9	45.1	-	-	-	-	-
411	LOCAL AND INTERURBAN PASSENGER TRANSIT: Local and suburban transportation.....	-	41.8	40.9	41.6	41.4	-	-	-	-	-
413	Intercity highway transportation.....	-	41.4	41.5	41.3	41.3	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	-	41.0	40.7	41.4	41.3	-	-	-	-	-
421,3	Trucking and trucking terminals.....	-	41.1	40.8	41.6	41.5	-	-	-	-	-
422	Public warehousing.....	-	39.8	39.6	38.9	39.6	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	41.8	42.3	40.9	40.8	-	-	-	-	-
48	COMMUNICATION	-	39.2	37.9	39.2	39.3	-	-	-	-	-
481	Telephone communication.....	-	39.3	37.8	39.3	39.4	-	-	-	-	-
4817	Switchboard operating employees ³	-	34.5	33.9	34.5	35.4	-	-	-	-	-
4818	Line construction employees ⁴	-	42.8	43.0	44.5	45.1	-	-	-	-	-
482	Telegraph communication ⁵	-	43.0	42.1	41.2	42.9	-	-	-	-	-
483	Radio and television broadcasting.....	-	37.8	38.0	38.1	38.2	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^P	Feb. 1971 ^P	Jan. 1971	Mar. 1970	Feb. 1970
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$180.11	\$178.00	\$167.27	\$169.31	-	\$4.34	\$4.31	\$4.06	\$4.07
491	Electric companies and systems	-	183.04	180.92	170.57	173.86	-	4.40	4.37	4.11	4.12
492	Gas companies and systems	-	161.56	163.15	152.25	153.78	-	3.95	3.96	3.75	3.76
493	Combination companies and systems	-	199.39	194.99	182.99	183.85	-	4.77	4.71	4.42	4.43
494-7	Water, steam, & sanitary systems	-	152.72	151.98	140.70	141.04	-	3.68	3.68	3.44	3.44
-	WHOLESALE AND RETAIL TRADE.....	\$98.20	97.57	97.51	93.80	93.80	\$2.83	2.82	2.81	2.68	2.68
50	WHOLESALE TRADE.....	141.41	141.05	141.37	136.00	135.20	3.58	3.58	3.57	3.40	3.38
501	Motor vehicles & automotive equipment	-	134.00	131.01	128.30	126.77	-	3.35	3.30	3.16	3.13
502	Drugs, chemicals, and allied products	-	142.45	143.21	137.67	136.93	-	3.70	3.71	3.53	3.52
503	Dry goods and apparel.....	-	132.35	131.98	126.57	125.17	-	3.52	3.51	3.43	3.42
504	Groceries and related products	-	134.70	134.13	125.22	124.82	-	3.41	3.37	3.17	3.16
506	Electrical goods.....	-	137.51	140.75	137.92	138.99	-	3.49	3.51	3.23	3.21
507	Hardware, plumbing & heating equipment	-	135.04	135.72	129.36	129.44	-	3.41	3.41	3.21	3.22
508	Machinery, equipment, and supplies	-	153.54	154.35	150.43	150.06	-	3.81	3.83	3.66	3.66
509	Miscellaneous wholesalers.....	-	142.74	143.45	136.76	136.72	-	3.66	3.65	3.48	3.47
52-59	RETAIL TRADE.....	84.33	83.74	83.66	80.49	79.92	2.54	2.53	2.52	2.41	2.40
53	Retail general merchandise	-	75.77	75.64	74.26	73.01	-	2.46	2.44	2.35	2.34
531	Department stores	-	78.52	78.43	77.19	75.83	-	2.60	2.58	2.49	2.47
532	Mail order houses	-	98.99	96.68	91.48	89.25	-	2.69	2.62	2.52	2.50
533	Variety stores	-	56.74	56.74	57.68	55.48	-	1.97	1.97	1.91	1.90
54	Food stores.....	-	90.03	89.36	84.01	83.69	-	2.84	2.81	2.65	2.64
541-3	Grocery, meat, and vegetable stores	-	92.19	91.20	85.54	85.22	-	2.89	2.85	2.69	2.68
56	Apparel and accessory stores	-	72.54	72.93	68.95	69.35	-	2.34	2.33	2.21	2.23
561	Men's & boys' clothing & furnishings	-	89.65	89.16	83.83	85.99	-	2.75	2.71	2.51	2.59
562	Women's ready-to-wear stores	-	65.10	65.75	62.21	61.61	-	2.17	2.17	2.06	2.04
565	Family clothing stores	-	70.93	70.26	68.67	68.48	-	2.13	2.11	2.10	2.12
566	Shoe stores.....	-	70.43	70.80	67.42	66.98	-	2.34	2.36	2.27	2.24
57	Furniture and home furnishings stores	-	110.40	111.57	105.85	105.85	-	3.00	3.04	2.90	2.90
571	Furniture and home furnishings.....	-	109.73	110.53	106.27	106.35	-	2.99	3.02	2.88	2.89
58	Eating and drinking places ⁶	-	58.67	58.37	56.55	56.06	-	1.93	1.92	1.83	1.82
52,55,59	Other retail trade	-	104.25	103.78	100.02	99.26	-	2.78	2.76	2.66	2.64
52	Building materials and farm equipment	-	113.59	113.10	108.31	107.64	-	2.92	2.90	2.77	2.76
551,2	Motor vehicle dealers	-	135.34	132.99	130.65	128.30	-	3.35	3.30	3.21	3.16
553,9	Other automotive & accessory dealers	-	115.77	115.49	111.11	111.24	-	2.81	2.81	2.71	2.70
591	Drug stores and proprietary stores	-	76.47	76.32	72.07	72.30	-	2.42	2.40	2.31	2.31
594	Book and stationery stores	-	87.91	87.51	83.75	82.58	-	2.64	2.62	2.50	2.48
598	Fuel and ice dealers.....	-	135.68	136.74	119.55	123.09	-	3.20	3.18	2.86	2.91
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	119.56	118.86	117.07	112.85	112.48	3.24	3.23	3.19	3.05	3.04
60	Banking	-	105.98	105.70	101.38	102.40	-	2.88	2.88	2.74	2.76
61	Credit agencies other than banks	-	108.92	108.46	105.66	104.90	-	2.92	2.90	2.81	2.79
612	Savings and loan associations	-	105.62	106.48	103.14	103.69	-	2.87	2.87	2.78	2.78
62	Security, commodity brokers & services	-	191.14	182.04	172.88	169.88	-	5.18	4.92	4.61	4.53
63	Insurance carriers	-	125.49	124.75	120.20	120.58	-	3.41	3.39	3.24	3.25
631	Life insurance	-	128.14	126.69	122.14	122.84	-	3.53	3.49	3.31	3.32
632	Accident and health insurance	-	115.92	116.29	111.94	110.10	-	3.15	3.16	3.05	3.00
633	Fire, marine, and casualty insurance	-	125.33	124.58	120.38	120.80	-	3.36	3.34	3.21	3.23
-	SERVICES.....	102.51	101.96	101.62	96.81	95.01	2.98	2.99	2.98	2.79	2.77
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶	-	70.43	68.47	67.51	67.39	-	2.09	2.05	1.94	1.92
	Personal Services:										
721	Laundries and dry cleaning plants.....	-	79.34	78.75	76.61	75.83	-	2.28	2.25	2.14	2.13
722	Photographic studios	-	94.42	93.81	85.16	85.85	-	2.63	2.65	2.44	2.46
	Motion pictures:										
781	Motion picture filming & distributing	-	184.02	188.46	171.05	172.99	-	4.83	4.82	4.42	4.47

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970	Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.5	41.3	41.2	41.6	-	-	-	-	-
491	Electric companies and systems	-	41.6	41.4	41.5	42.2	-	-	-	-	-
492	Gas companies and systems	-	40.9	41.2	40.6	40.9	-	-	-	-	-
493	Combination companies and systems ..	-	41.8	41.4	41.4	41.5	-	-	-	-	-
494-7	Water, steam & sanitary systems	-	41.5	41.3	40.9	41.0	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE	34.7	34.6	34.7	35.0	35.0	-	-	-	-	-
50	WHOLESALE TRADE	39.5	39.4	39.6	40.0	40.0	-	-	-	-	-
501	Motor vehicles & automotive equipment ..	-	40.0	39.7	40.6	40.5	-	-	-	-	-
502	Drugs, chemicals, and allied products ...	-	38.5	38.6	39.0	38.9	-	-	-	-	-
503	Dry goods and apparel	-	37.6	37.6	36.9	36.6	-	-	-	-	-
504	Groceries and related products	-	39.5	39.8	39.5	39.5	-	-	-	-	-
506	Electrical goods	-	39.4	40.1	42.7	43.3	-	-	-	-	-
507	Hardware; plumbing & heating equipment ..	-	39.6	39.8	40.3	40.2	-	-	-	-	-
508	Machinery, equipment, and supplies	-	40.3	40.3	41.1	41.0	-	-	-	-	-
509	Miscellaneous wholesalers	-	39.0	39.3	39.3	39.4	-	-	-	-	-
52-59	RETAIL TRADE	33.2	33.1	33.2	33.4	33.3	-	-	-	-	-
53	Retail general merchandise	-	30.8	31.0	31.6	31.2	-	-	-	-	-
531	Department stores	-	30.2	30.4	31.0	30.7	-	-	-	-	-
532	Mail order houses	-	36.8	36.9	36.3	35.7	-	-	-	-	-
533	Variety stores	-	28.8	28.8	30.2	29.2	-	-	-	-	-
54	Food stores	-	31.7	31.8	31.7	31.7	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores ...	-	31.9	32.0	31.8	31.8	-	-	-	-	-
56	Apparel and accessory stores	-	31.0	31.3	31.2	31.1	-	-	-	-	-
561	Men's & boys' clothing & furnishings ..	-	32.6	32.9	33.4	33.2	-	-	-	-	-
562	Women's ready-to-wear stores	-	30.0	30.3	30.2	30.2	-	-	-	-	-
565	Family clothing stores	-	33.3	33.3	32.7	32.3	-	-	-	-	-
566	Shoe stores	-	30.1	30.0	29.7	29.9	-	-	-	-	-
57	Furniture and home furnishings stores ..	-	36.8	36.7	36.5	36.5	-	-	-	-	-
571	Furniture and home furnishings	-	36.7	36.6	36.9	36.8	-	-	-	-	-
58	Eating and drinking places ⁶	-	30.4	30.4	30.9	30.8	-	-	-	-	-
52,55,59	Other retail trade	-	37.5	37.6	37.6	37.6	-	-	-	-	-
52	Building materials and farm equipment ..	-	38.9	39.0	39.1	39.0	-	-	-	-	-
551,2	Motor vehicle dealers	-	40.4	40.3	40.7	40.6	-	-	-	-	-
553,9	Other automotive & accessory dealers ..	-	41.2	41.1	41.0	41.2	-	-	-	-	-
591	Drug stores and proprietary stores	-	31.6	31.8	31.2	31.3	-	-	-	-	-
594	Book and stationery stores	-	33.3	33.4	33.5	33.3	-	-	-	-	-
598	Fuel and ice dealers	-	42.4	43.0	41.8	42.3	-	-	-	-	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	36.9	36.8	36.7	37.0	37.0	-	-	-	-	-
60	Banking	-	36.8	36.7	37.0	37.1	-	-	-	-	-
61	Credit agencies other than banks	-	37.3	37.4	37.6	37.6	-	-	-	-	-
612	Savings and loan associations	-	36.8	37.1	37.1	37.3	-	-	-	-	-
62	Security, commodity brokers & services ..	-	36.9	37.0	37.5	37.5	-	-	-	-	-
63	Insurance carriers	-	36.8	36.8	37.1	37.1	-	-	-	-	-
631	Life insurance	-	36.3	36.3	36.9	37.0	-	-	-	-	-
632	Accident and health insurance	-	36.8	36.8	36.7	36.7	-	-	-	-	-
633	Fire, marine, and casualty insurance ..	-	37.3	37.3	37.5	37.4	-	-	-	-	-
-	SERVICES	34.4	34.1	34.1	34.7	34.3	-	-	-	-	-
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	33.7	33.4	34.8	35.1	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants	-	34.8	35.0	35.8	35.6	-	-	-	-	-
722	Photographic studios	-	35.9	35.4	34.9	34.9	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing ..	-	38.1	39.1	38.7	38.7	-	-	-	-	-

¹ For coverage of series, see footnote 1, table B-2.

² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more. July 1970: \$176.09, \$3.87, and 45.5; August 1970: \$168.60, \$3.93, and 42.9; September 1970: \$174.49, \$3.93, and 44.4.

³ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; 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.

⁴ 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.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

⁷ 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										
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
EXECUTIVE BRANCH													
Total employment	2,602.2	2,656.6	2,611.1	2,606.6	2,611.9	2,637.4	2,662.9	2,672.7	2,728.6	2,802.0	2,721.7	2,658.3	2,654.1
Average weekly hours	39.3	42.9	39.7	39.6	39.4	39.2	39.3	38.9	38.2	37.9	38.2	39.5	39.2
Average overtime hours . . . . .	.9	3.8	.9	1.0	.9	.9	.8	.8	.8	.9	.9	1.0	1.0
Indexes (1967=100):													
Average weekly earnings	138.8	149.5	134.8	133.1	131.9	128.8	127.0	127.3	125.8	122.7	118.4	122.5	121.8
Average hourly earnings	139.2	137.3	133.8	132.4	131.9	129.5	127.3	128.9	129.7	127.6	122.2	122.2	122.4
DEPARTMENT OF DEFENSE													
Total employment	999.9	1,003.8	1,006.8	1,009.1	1,013.4	1,021.9	1,034.5	1,044.7	1,048.1	1,053.4	1,057.3	1,069.1	1,075.7
Average weekly hours	40.0	40.0	40.2	40.2	39.9	40.0	39.9	39.3	39.7	40.0	40.0	40.0	39.2
Average overtime hours . . . . .	.8	.8	.8	.8	.8	.7	.7	.8	.7	.7	.8	.8	.8
Indexes (1967=100):													
Average weekly earnings	140.1	136.8	135.1	132.4	131.4	128.5	127.9	129.4	131.3	129.8	123.9	123.9	121.1
Average hourly earnings	141.1	137.9	135.4	132.7	132.7	129.4	129.2	132.7	133.2	130.8	124.8	124.8	124.5
POST OFFICE DEPARTMENT													
Total employment	720.6	776.8	725.0	718.0	718.7	723.5	726.8	723.9	716.5	716.0	713.9	724.8	725.2
Average weekly hours	38.8	51.3	39.5	39.1	38.9	38.8	38.5	38.7	38.7	39.0	38.0	39.1	39.2
Average overtime hours	1.1	11.4	1.2	1.5	.9	.9	.7	.9	1.2	1.6	1.3	1.4	1.6
Indexes (1967=100):													
Average weekly earnings	136.1	195.7	136.3	135.6	133.7	132.7	121.6	123.2	123.8	125.4	115.0	118.0	119.2
Average hourly earnings	135.4	147.3	133.2	133.8	132.6	132.0	122.0	122.9	123.5	124.1	116.8	116.5	117.4
OTHER AGENCIES													
Total employment	881.7	876.0	879.3	879.5	879.8	892.0	901.6	904.1	964.0	1,032.6	950.5	864.4	853.2
Average weekly hours	39.1	39.1	39.2	39.2	39.2	38.5	39.2	38.6	36.1	34.9	36.5	39.1	39.2
Average overtime hours . . . . .	.8	.8	.9	1.0	1.1	.9	1.0	.9	.7	.7	.8	.8	.9
Indexes (1967=100):													
Average weekly earnings	141.9	134.4	135.0	133.5	133.0	127.7	131.0	129.5	121.6	114.4	116.2	125.5	126.3
Average hourly earnings	140.8	133.4	133.7	132.2	131.7	128.7	129.7	130.2	130.7	127.2	123.5	124.5	125.0

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 ¹				
	Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970
MANUFACTURING	\$3.40	\$3.40	\$3.39	\$3.19	\$3.17
DURABLE GOODS	3.63	3.62	3.61	3.38	3.36
Ordnance and accessories	-	3.67	3.66	3.47	3.44
Lumber and wood products	-	2.95	2.90	2.74	2.72
Furniture and fixtures	-	2.77	2.75	2.63	2.63
Stone, clay, and glass products	-	3.40	3.37	3.16	3.13
Primary metal industries	-	3.95	3.96	3.71	3.70
Fabricated metal products	-	3.55	3.55	3.34	3.32
Machinery, except electrical	-	3.79	3.76	3.58	3.55
Electrical equipment and supplies	-	3.36	3.36	3.14	3.11
Transportation equipment	-	4.26	4.25	3.89	3.86
Instruments and related products	-	3.39	3.37	3.18	3.17
Miscellaneous manufacturing industries	-	2.87	2.87	2.72	2.72
NONDURABLE GOODS	3.10	3.10	3.08	2.92	2.90
Food and kindred products	-	3.19	3.16	2.97	2.94
Tobacco manufactures	-	2.97	2.95	2.86	2.84
Textile mill products	-	2.44	2.44	2.32	2.32
Apparel and other textile products	-	2.44	2.43	2.33	2.32
Paper and allied products	-	3.40	3.39	3.18	3.17
Printing and publishing	-	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.71	3.70	3.47	3.46
Petroleum and coal products	-	4.30	4.24	4.08	4.08
Rubber and plastics products, n e c	-	3.20	3.20	3.01	3.01
Leather and leather products	-	2.53	2.51	2.42	2.41

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

²Not 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 workers¹
on private nonagricultural payrolls, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	Feb. 1971 ^p	Jan. 1971	Feb. 1970	Worker with no dependents			Worker with three dependents		
				Feb. 1971 ^p	Jan. 1971	Feb. 1970	Feb. 1971 ^p	Jan. 1971	Feb. 1970
TOTAL PRIVATE:									
Current dollars.....	\$122.61	\$122.58	\$116.55	\$99.34	\$99.32	\$93.76	\$107.85	\$107.83	\$102.32
1967 dollars.....	102.69	102.84	102.33	83.20	83.32	82.32	90.33	90.46	89.83
MINING:									
Current dollars.....	167.60	168.75	160.60	134.15	135.06	126.75	144.29	145.25	137.37
1967 dollars.....	140.37	141.57	141.00	112.35	113.31	111.28	120.85	121.85	120.61
CONTRACT CONSTRUCTION:									
Current dollars.....	195.96	198.55	186.21	156.55	158.58	146.38	167.96	170.12	158.49
1967 dollars.....	164.12	166.57	163.49	131.11	133.04	128.52	140.67	142.72	139.15
MANUFACTURING:									
Current dollars.....	138.29	138.60	130.94	111.34	111.58	104.53	120.31	120.55	113.69
1967 dollars.....	115.82	116.28	114.96	93.25	93.61	91.77	100.76	101.13	99.82
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars.....	162.01	159.20	151.88	129.72	127.50	120.04	139.62	137.27	130.18
1967 dollars.....	135.69	133.56	133.35	108.64	106.96	105.39	116.93	115.16	114.29
WHOLESALE AND RETAIL TRADE:									
Current dollars.....	97.57	97.51	93.80	80.69	80.64	76.57	88.32	88.27	84.37
1967 dollars.....	81.72	81.80	82.35	67.58	67.65	67.23	73.97	74.05	74.07
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars.....	118.86	117.07	112.48	96.47	95.10	90.71	104.94	103.55	99.08
1967 dollars.....	99.55	98.21	98.75	80.80	79.78	79.64	87.89	86.87	86.99
SERVICES:									
Current dollars.....	101.96	101.62	95.01	83.96	83.71	77.51	91.77	91.51	85.34
1967 dollars.....	85.39	85.25	83.42	70.32	70.23	68.05	76.86	76.77	74.93
CONSUMER PRICE INDEX (All items, 1967 = 100)	119.4	119.2	113.9	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.					

¹For coverage of series, see footnote 1, table B-2.

p = preliminary (applicable to earnings data only).

C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities¹

Industry	1967 = 100				
	Mar. 1971 ^p	Feb. 1971 ^p	Jan. 1971	Mar. 1970	Feb. 1970
	Man-hours				
TOTAL	90.9	89.3	90.6	98.5	97.3
MINING	96.7	96.0	98.1	98.0	98.3
CONTRACT CONSTRUCTION	87.5	79.5	83.6	95.2	91.1
MANUFACTURING	91.3	90.8	91.5	99.1	98.4
DURABLE GOODS	88.4	88.0	88.9	98.7	97.5
Ordnance and accessories.....	58.6	59.8	64.1	84.3	87.3
Lumber and wood products.....	94.0	90.2	88.1	94.2	94.0
Furniture and fixtures.....	95.9	94.0	95.0	100.1	99.3
Stone, clay, and glass products.....	94.0	92.4	92.6	99.9	98.4
Primary metal industries.....	94.0	92.2	91.6	99.8	100.4
Fabricated metal products.....	90.1	91.7	92.8	101.0	100.8
Machinery, except electrical.....	81.4	81.8	82.3	100.8	100.2
Electrical equipment and supplies.....	86.2	86.8	88.6	99.1	98.7
Transportation equipment.....	90.6	89.5	92.1	96.8	90.9
Instruments and related products.....	86.7	87.4	88.8	101.2	99.8
Miscellaneous manufacturing industries.....	87.2	86.2	85.9	95.3	94.5
NONDURABLE GOODS	95.6	94.9	95.4	99.7	99.6
Food and kindred products.....	92.1	92.0	94.4	95.0	95.3
Tobacco manufactures.....	72.5	75.6	83.9	77.2	82.8
Textile mill products.....	95.3	95.1	95.0	99.0	99.1
Apparel and other textile products.....	96.4	94.0	92.6	98.9	98.3
Paper and allied products.....	96.6	96.9	97.8	102.9	102.5
Printing and publishing.....	98.4	98.0	98.0	103.3	102.4
Chemicals and allied products.....	100.7	98.9	98.6	104.4	103.6
Petroleum and coal products.....	98.4	98.8	97.4	99.1	98.3
Rubber and plastics products, nec.....	102.4	101.3	101.9	110.6	111.8
Leather and leather products.....	84.1	85.5	86.9	90.6	92.4
	Payrolls				
MINING	120.9	120.5	122.5	116.2	116.2
CONTRACT CONSTRUCTION	116.7	106.7	111.8	117.1	112.0
MANUFACTURING	113.6	112.8	113.3	116.1	114.4

¹For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.
p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS

**C-7: Average weekly hours of production or nonsupervisory workers¹
on private nonagricultural payrolls, seasonally adjusted**

Industry	1971				1970								
	Mar. p	Feb. p	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
TOTAL PRIVATE	37.1	36.9	37.1	37.0	36.9	36.9	36.8	37.2	37.3	37.2	37.1	37.2	37.4
MINING	43.1	42.7	42.8	43.0	42.8	42.7	42.0	42.2	42.5	42.4	42.6	43.1	43.2
CONTRACT CONSTRUCTION	38.1	36.8	37.1	38.0	37.1	36.9	35.1	37.3	37.4	37.6	38.1	38.3	38.0
MANUFACTURING	39.9	39.5	39.8	39.6	39.6	39.4	39.3	39.8	40.1	39.8	39.8	40.0	40.2
<i>Overtime hours</i>	2.7	2.9	2.8	2.7	2.7	2.8	2.8	3.0	3.0	3.1	2.9	3.0	3.2
DURABLE GOODS	40.5	40.1	40.4	40.1	40.0	39.9	39.8	40.3	40.7	40.4	40.3	40.4	40.7
<i>Overtime hours</i>	2.7	2.9	2.7	2.6	2.5	2.6	2.7	2.9	3.1	3.2	3.0	3.0	3.2
Ordnance and accessories	42.1	41.8	41.2	40.6	40.2	40.1	39.7	40.4	40.3	40.6	40.8	41.1	41.1
Lumber and wood products	40.3	40.1	39.4	39.9	39.9	39.2	39.6	39.8	39.8	39.6	39.7	39.8	39.5
Furniture and fixtures	39.8	39.2	39.5	39.6	39.4	39.2	38.3	39.0	39.3	38.9	38.8	39.3	39.4
Stone, clay, and glass products	41.7	41.2	41.2	41.4	41.1	41.0	40.9	41.0	41.2	41.1	41.3	41.6	41.8
Primary metal industries	41.4	40.6	40.3	39.9	39.6	39.9	40.9	40.4	40.7	40.4	40.2	40.1	40.7
Fabricated metal products	40.3	40.2	40.5	40.3	40.0	40.1	39.8	40.6	41.3	40.9	40.6	40.9	41.2
Machinery, except electrical	40.1	40.1	40.2	40.4	40.6	40.4	40.1	40.9	41.1	41.1	41.1	41.4	41.8
Electrical equipment and supplies	39.6	39.2	39.8	39.7	39.6	39.7	39.2	39.9	40.4	39.5	39.7	40.0	40.2
Transportation equipment	41.6	41.5	41.3	40.2	39.9	39.8	39.8	40.7	41.2	41.6	40.3	39.7	40.4
Instruments and related products	40.0	39.3	39.7	39.6	40.0	39.8	39.4	40.0	40.3	40.2	40.1	40.5	40.7
Miscellaneous manufacturing industries	38.6	37.8	38.8	38.8	38.6	38.3	38.1	38.6	39.1	38.6	38.7	39.0	39.0
NONDURABLE GOODS	39.0	38.8	39.3	39.1	38.9	38.9	38.6	39.1	39.3	39.0	39.1	39.4	39.4
<i>Overtime hours</i>	2.8	2.9	2.9	2.9	2.8	2.8	2.8	3.0	2.9	3.0	3.0	3.0	3.2
Food and kindred products	40.1	40.6	40.8	40.5	40.4	40.5	40.0	40.7	40.2	40.3	40.7	40.6	40.5
Tobacco manufactures	37.1	36.1	39.4	39.0	38.4	38.1	36.1	37.4	37.9	37.4	37.1	38.3	37.5
Textile mill products	40.3	40.2	40.4	39.7	39.6	39.6	38.8	39.9	40.3	40.0	39.8	40.6	40.2
Apparel and other textile products	35.1	34.7	35.2	35.4	35.4	34.9	34.2	35.1	35.5	35.2	35.1	35.5	35.6
Paper and allied products	41.7	41.8	41.9	41.5	41.6	41.7	41.4	41.7	41.7	41.6	41.8	42.1	42.2
Printing and publishing	37.4	37.4	37.7	37.6	37.5	37.4	37.4	37.6	37.9	37.7	37.7	37.9	38.0
Chemicals and allied products	41.6	41.5	41.6	41.4	41.3	41.3	42.0	41.3	41.5	41.5	41.5	41.4	41.8
Petroleum and coal products	42.9	43.5	42.6	43.5	43.0	43.2	43.0	43.1	42.6	42.6	42.5	41.9	42.2
Rubber and plastics products, nec	39.9	40.0	40.1	39.5	39.4	39.6	40.0	40.4	40.8	40.4	40.0	40.7	40.7
Leather and leather products	37.0	36.6	37.0	37.3	37.1	37.0	36.5	36.8	37.6	37.6	37.7	37.4	37.4
TRANSPORTATION AND PUBLIC UTILITIES	40.6	40.4	40.1	39.9	40.2	40.5	40.5	40.6	40.7	40.6	40.6	40.2	40.6
WHOLESALE AND RETAIL TRADE	35.0	35.0	35.0	35.1	35.3	35.3	35.2	35.4	35.4	35.4	35.4	35.3	35.3
WHOLESALE TRADE	39.6	39.6	39.7	39.9	39.8	39.9	39.7	39.9	40.0	39.9	40.1	40.1	40.1
RETAIL TRADE	33.6	33.5	33.6	33.6	33.8	33.8	33.8	33.9	33.9	33.8	33.9	33.7	33.8
FINANCE, INSURANCE, AND REAL ESTATE	36.9	36.8	36.7	36.6	36.8	36.7	36.7	36.9	36.8	36.7	36.8	36.9	37.0
SERVICES	34.4	34.2	34.2	34.4	34.4	34.4	34.5	34.7	34.6	34.4	34.5	34.4	34.7

¹For coverage of duties, see footnote 1, table B-2.
p = preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED
C-8: Indexes of aggregate weekly man-hours in industrial and construction activities¹
seasonally adjusted

1967 = 100

Industry	1971			1970									
	Mar. p	Feb. p	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
TOTAL	93.8	93.0	94.1	94.6	92.1	92.4	94.6	96.6	97.9	97.9	98.3	100.3	101.6
MINING	101.6	101.3	101.7	101.8	101.7	100.8	99.0	99.0	99.7	99.9	100.2	102.2	102.9
CONTRACT CONSTRUCTION	99.8	95.0	97.6	103.0	100.0	98.6	93.1	100.8	101.4	102.1	104.4	107.8	108.6
MANUFACTURING	92.5	92.4	93.3	92.9	90.4	91.1	94.7	95.8	97.2	97.1	97.1	99.0	100.3
DURABLE GOODS	89.0	89.1	89.8	89.6	85.7	86.9	92.9	93.9	95.5	95.6	95.7	97.5	99.4
Ordnance and accessories	59.1	60.4	62.4	63.7	65.3	67.3	69.9	71.7	72.7	76.5	79.2	80.9	85.4
Lumber and wood products	96.5	94.7	92.9	93.3	94.1	93.0	93.9	93.6	93.6	93.9	95.3	96.1	96.7
Furniture and fixtures	97.3	95.6	96.8	96.8	97.1	96.9	95.4	95.8	96.8	95.6	96.1	100.2	101.5
Stone, clay, and glass products	97.9	98.3	98.3	99.3	97.8	98.6	99.3	98.6	98.9	99.8	100.5	102.4	103.9
Primary metal industries	93.6	92.5	91.8	90.7	89.2	92.1	98.3	95.7	96.5	95.9	95.7	96.6	99.4
Fabricated metal products	91.4	93.2	93.9	94.1	90.1	91.9	97.2	98.5	100.0	98.9	98.5	101.0	102.5
Machinery, except electrical	79.8	81.0	82.1	83.8	84.9	85.5	88.2	90.4	92.8	93.2	94.5	97.1	99.1
Electrical equipment and supplies	87.0	86.8	88.5	88.8	88.0	90.6	92.8	95.1	98.0	96.4	96.7	98.8	100.1
Transportation equipment	90.7	90.3	91.3	87.8	68.0	68.6	90.2	92.2	93.7	96.0	93.6	94.1	96.7
Instruments and related products	86.8	87.6	89.2	89.3	90.9	91.5	92.6	94.3	96.4	96.9	98.7	100.7	101.2
Miscellaneous manufacturing industries	90.6	90.4	92.5	93.1	90.3	90.7	92.0	93.5	95.0	94.6	95.4	97.1	99.1
NONDURABLE GOODS	97.6	97.3	98.3	97.7	97.4	97.1	97.3	98.5	99.8	99.4	99.2	101.2	101.7
Food and kindred products	99.8	100.4	100.7	99.8	99.3	98.8	98.3	100.4	99.6	100.8	101.9	101.8	103.0
Tobacco manufactures	82.1	79.8	87.1	84.9	86.3	84.3	79.8	90.6	89.2	88.0	88.6	90.1	88.2
Textile mill products	95.9	96.1	97.1	94.9	94.3	94.6	93.7	96.1	97.3	96.9	97.6	100.5	99.6
Apparel and other textile products	95.4	93.3	95.4	95.9	95.4	93.7	92.9	95.0	97.5	95.9	95.0	97.3	97.7
Paper and allied products	98.1	98.9	99.6	98.8	99.4	99.1	99.8	100.0	100.7	101.4	102.3	104.0	104.6
Printing and publishing	98.4	98.9	100.0	100.3	99.7	99.6	100.2	100.1	101.5	100.8	101.1	102.6	103.3
Chemicals and allied products	100.6	100.0	100.6	100.1	100.2	101.2	103.4	101.0	102.0	101.7	102.2	102.6	104.1
Petroleum and coal products	102.6	104.1	101.9	103.2	102.0	102.5	101.1	103.1	102.8	102.8	102.5	101.1	102.7
Rubber and plastics products, nec	104.0	102.8	102.5	100.8	100.5	102.0	106.2	106.5	110.3	106.8	100.3	111.5	112.2
Leather and leather products	84.9	84.6	86.5	86.9	87.1	87.8	86.9	88.0	92.5	92.8	92.4	92.0	91.6

¹ For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.
p= preliminary.

C-9: Man-hours of wage and salary workers in nonagricultural establishments

Industry division	Annual rate, millions of man-hours ¹			Percent change ²		
	March 1971 p	February 1971 p	January 1971	February 1971 to March 1971	January 1971 to February 1971	March 1970 to March 1971
TOTAL - ALL INDUSTRIES	137,966	136,719	137,549	11.5	- 7.0	- 1.6
TOTAL - PRIVATE	111,713	111,048	111,477	7.4	- 4.5	- 2.5
MINING	1,394	1,386	1,391	7.2	- 4.2	- 0.9
CONTRACT CONSTRUCTION	6,397	6,089	6,253	80.8	-27.3	- 7.0
MANUFACTURING	38,571	38,420	38,815	4.8	-11.6	- 7.0
TRANSPORTATION AND PUBLIC UTILITIES	9,532	9,485	9,381	6.1	14.1	0.3
WHOLESALE AND RETAIL TRADE	27,546	27,542	27,542	0.2	0.0	0.1
FINANCE, INSURANCE, AND REAL ESTATE	7,201	7,166	7,149	6.0	2.9	2.1
SERVICES	21,072	20,960	20,946	6.6	0.8	1.2
GOVERNMENT	26,253	25,671	26,072	30.9	-17.0	2.6

¹ "Annual rate" refers to total man-hours for 1 week in the month, seasonally adjusted, and expressed as an annual equivalent.

² Percent change compounded at annual rates.

p= preliminary.

**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 ¹		Real compensation per man-hour ²		Unit labor costs		Unit nonlabor payments ³		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	102.8	102.8	100.9	100.9	101.9	101.9	104.8	104.7	102.4	102.4	102.9	102.8	101.0	101.2	102.1	102.2
2d quarter	104.6	104.9	101.8	102.0	102.7	102.8	106.4	106.2	102.7	102.6	103.5	103.3	102.6	102.8	103.2	103.1
3d quarter	105.7	106.0	102.3	102.7	103.3	103.2	108.5	108.0	103.5	103.1	105.1	104.7	102.3	102.7	104.0	103.9
4th quarter	106.5	106.7	102.6	103.0	103.8	103.6	110.7	110.3	104.5	104.0	106.7	106.5	102.6	102.7	105.1	105.1
Annual average	104.9	105.1	101.9	102.1	102.9	102.9	107.6	107.3	103.3	103.0	104.6	104.3	102.1	102.3	103.6	103.6
1969: 1st quarter	107.2	107.4	103.5	104.1	103.6	103.2	112.4	111.8	104.8	104.2	108.5	108.3	103.0	103.0	106.3	106.3
2d quarter	107.8	108.2	104.3	105.0	103.4	103.1	114.0	113.4	104.5	103.9	110.3	110.0	103.4	103.0	107.6	107.3
3d quarter	108.5	108.9	104.5	105.5	103.8	103.2	116.3	115.4	105.1	104.3	112.1	111.8	103.7	103.4	108.8	108.6
4th quarter	108.2	108.7	104.1	105.2	104.0	103.3	118.8	117.5	105.9	104.7	114.3	113.8	103.5	103.2	110.1	109.7
Annual average	107.9	108.3	104.1	104.9	103.7	103.2	115.4	114.5	105.1	104.3	111.3	111.0	103.3	103.2	108.2	108.0
1970: 1st quarter	107.4	107.9	103.9	105.2	103.3	102.6	120.8	119.4	106.0	104.8	116.9	116.4	102.9	102.2	111.5	111.0
2d quarter	107.6	108.0	103.1	104.3	104.3	103.6	122.4	121.2	105.7	104.7	117.3	117.0	105.1	104.6	112.6	112.3
3d quarter	108.0	108.5	102.5	103.6	105.4	104.7	124.7	123.5	106.5	105.5	118.3	117.9	107.0	106.7	113.9	113.7
4th quarter	106.8	107.0	101.3	102.6	105.4	104.3	126.6	125.2	106.8	105.6	120.2	120.0	108.2	108.6	115.5	115.7
Annual average	107.4	107.9	102.7	103.9	104.6	103.8	123.6	122.3	106.2	105.1	118.2	117.8	105.8	105.5	113.4	113.2
Percent change over previous quarter at annual rate ⁴																
1968: 1st quarter	6.1	6.2	1.1	1.5	4.9	4.6	11.2	10.6	6.7	6.2	6.0	5.7	- 0.8	0.0	3.3	3.5
2d quarter	7.2	8.2	3.7	4.2	3.4	3.9	6.1	5.7	1.3	0.9	2.6	1.8	6.6	6.4	4.1	3.5
3d quarter	4.3	4.2	2.0	2.8	2.2	1.4	8.4	7.0	3.1	1.9	6.0	5.5	- 1.0	- 0.4	3.3	3.2
4th quarter	3.1	2.8	1.2	1.3	1.8	1.4	8.5	8.7	3.6	3.8	6.5	7.2	1.1	0.4	4.4	4.6
1969: 1st quarter	2.8	2.6	3.4	4.2	- 0.5	- 1.5	6.2	5.5	1.2	0.5	6.7	7.1	1.4	1.1	4.7	4.8
2d quarter	2.1	3.1	3.3	3.6	- 1.1	- 0.4	5.9	5.8	- 0.9	- 1.0	7.1	6.3	1.5	0.0	4.9	3.9
3d quarter	2.5	2.5	0.9	1.9	1.6	0.6	8.2	7.3	2.3	1.4	6.5	6.6	1.1	1.5	4.5	4.7
4th quarter	- 1.0	- 0.6	- 1.8	- 1.0	0.8	0.3	8.8	7.7	3.0	1.9	8.0	7.3	- 0.8	- 1.0	4.7	4.3
1970: 1st quarter	- 3.0	- 2.9	- 0.5	- 0.1	- 2.5	- 2.9	6.8	6.6	0.5	0.3	9.6	9.8	- 2.0	- 3.8	5.3	4.8
2d quarter	0.7	0.4	- 3.0	- 3.3	3.7	3.9	5.3	5.9	- 1.1	- 0.6	1.5	1.9	8.6	9.8	4.1	4.6
3d quarter	1.6	1.7	- 2.6	- 2.7	4.3	4.5	7.7	7.9	3.1	3.2	3.3	3.2	7.3	8.5	4.7	5.0
4th quarter	- 4.4	- 5.2	- 4.4	- 3.9	0.1	- 1.4	6.5	5.9	1.1	0.5	6.5	7.4	4.7	6.9	5.8	7.2
Percent change over previous year ⁵																
Year ending --																
1970: 1st quarter	0.2	0.5	0.5	1.1	- 0.3	- 0.6	7.4	6.8	1.2	0.6	7.8	7.5	0.0	- 0.8	4.8	4.4
2d quarter	- 0.2	- 0.2	- 1.1	- 0.6	0.9	0.5	7.3	6.9	1.2	0.8	6.3	6.4	1.7	1.5	4.6	4.6
3d quarter	- 0.4	- 0.4	- 2.0	- 1.8	1.6	1.4	7.2	7.0	1.4	1.2	5.5	5.5	3.2	3.2	4.7	4.7
4th quarter	- 1.3	- 1.5	- 2.6	- 2.5	1.4	1.0	6.6	6.6	0.9	0.8	5.2	5.5	4.6	5.2	5.0	5.4

¹ 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.

² Compensation per man-hour adjusted for changes in the consumer price index.

³ Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

⁴ Percent change computed from original data.

⁵ Current quarter divided by comparable quarter a year ago.

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 ¹ ending in-								
	1971	1970				1969			
	Mar. ^P	Dec.	Sept.	June	Mar.	Dec.	Sept.	June	Mar.
Average hourly compensation:									
All persons, total private economy	(*)	6.6	7.2	7.3	7.4	7.3	7.2	7.2	7.3
All employees, private nonfarm economy	(*)	6.7	7.0	6.8	6.8	6.6	6.8	6.7	6.6
Average hourly earnings, private nonfarm economy²									
Mining	6.3	5.3	6.0	6.0	6.4	7.1	7.0	6.8	6.6
Contract construction	5.8	6.4	6.5	6.6	6.9	7.9	7.7	7.4	7.1
Manufacturing	8.7	8.7	9.5	9.0	10.2	9.7	8.9	8.5	6.6
Excluding effects of overtime and interindustry employment shifts	6.5	4.4	5.5	5.6	5.6	6.0	6.5	5.9	6.0
Transportation and public utilities	7.0	6.4	6.7	6.5	6.1	5.9	6.1	5.7	5.8
Wholesale and retail trade	7.2	6.5	6.1	5.3	5.8	5.9	6.3	6.2	6.4
Finance, insurance, and real estate	5.6	5.5	6.2	6.1	6.6	6.6	6.3	6.0	6.6
Services	6.1	5.5	5.3	4.6	5.0	5.4	5.4	6.4	8.1
Average hourly earnings, all Federal executive branch employees ³	7.8	8.3	8.3	7.8	8.2	8.0	7.6	8.6	7.7
Average union scales, 7 building trades:									
Wages and selected benefits	(*)	10.5	10.4	14.8	9.8	9.6	10.4	7.5	6.9
Hourly wage rates	(*)	13.0	12.7	12.9	10.1	10.6	9.4	9.8	9.1
Wage rates, hired farm labor	(*)	11.9	11.7	11.8	9.1	9.4	8.5	8.7	7.7
Average weekly earnings, private nonfarm economy:²									
Current dollars	(*)	5.6	6.2	5.1	4.5	6.6	6.6	9.0	10.7
1967 dollars	5.3	3.6	4.3	4.4	5.7	6.6	6.4	6.7	6.2
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	-2.0	-1.4	-1.6	-1.5	.7	.7	1.2	1.3
	(*)	-1.5	-.9	-1.3	-.4	-.5	-.7	-.2	-.2

¹ Current quarter divided by comparable quarter a year earlier.

² Production and nonsupervisory workers.

³ Computed from data that are not seasonally adjusted.

* Not available.

^P preliminary.

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

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

Measure	Percent change over previous quarter at annual rate								
	1971	1970				1969			
	Mar. ^P	Dec.	Sept.	June	Mar.	Dec.	Sept.	June	Mar.
Average hourly compensation:									
All persons, total private economy	(*)	6.5	7.7	5.3	6.8	8.8	8.2	5.9	6.2
All employees, private nonfarm economy	(*)	6.4	8.0	5.9	6.4	7.5	7.3	5.8	5.7
Average hourly earnings, private nonfarm economy¹									
Mining	7.9	4.6	6.8	6.1	3.9	7.1	6.8	7.9	6.6
Contract construction	4.8	7.1	6.8	4.3	7.4	7.6	7.3	5.4	11.3
Manufacturing	7.9	7.8	11.3	7.9	8.0	10.9	9.0	12.8	6.3
Excluding effects of overtime and interindustry employment shifts	11.8	.8	7.4	6.2	3.3	5.1	7.8	6.1	4.8
Transportation and public utilities	8.8	4.6	7.5	7.3	6.1	5.8	6.9	5.6	5.4
Wholesale and retail trade	7.6	5.2	11.0	5.1	4.8	3.7	7.6	7.3	5.0
Finance, insurance, and real estate	5.9	4.5	8.7	3.6	5.2	7.4	8.2	5.5	5.5
Services	8.3	7.5	8.2	.4	5.9	7.0	5.2	1.9	7.8
Average hourly earnings, all Federal executive branch employees ²	8.0	9.7	7.3	6.4	9.7	9.9	5.2	8.1	8.8
Average union scales, 7 building trades:									
Wages and selected benefits	(*)	3.8	2.6	5.3	1.7	3.7	4.7	2.5	1.1
Hourly wage rates	(*)	12.5	8.5	24.9	7.1	11.2	9.3	13.0	9.0
Wage rates, hired farm labor	(*)	10.2	7.8	22.5	7.6	9.6	8.0	11.3	8.7
Average weekly earnings, private nonfarm economy:¹									
Current dollars	(*)	(3)	15.4	7.6	(3)	2.5	10.6	5.3	8.1
1967 dollars	10.0	2.5	5.8	3.1	2.9	5.4	6.1	8.3	6.4
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	-3.1	1.8	-2.8	-3.8	-.6	.9	1.6	.9
	(*)	-3.3	1.1	-2.8	-1.0	-1.1	-.1	.5	-1.4

¹ Production and nonsupervisory workers.

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

³ Less than 0.05 percent.

* Not available.

^P preliminary.

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 ¹ ending in--												
	1971				1970								
	Mar. ^p	Feb. ^p	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Average hourly earnings, private nonfarm economy ²	6.0	6.3	6.7	5.7	5.1	5.1	5.8	6.2	5.9	5.6	6.0	6.3	6.7
Mining	5.3	6.1	5.9	6.5	6.5	6.3	6.6	6.6	6.4	7.3	6.1	6.5	6.8
Contract construction	8.5	9.1	8.5	8.0	9.1	9.1	8.8	10.4	9.4	9.0	8.2	9.6	9.2
Manufacturing	6.3	6.7	6.4	5.5	4.0	3.7	5.6	5.3	5.6	5.7	5.7	5.4	5.8
Excluding effects of overtime and interindustry employment shifts	6.8	7.2	7.1	7.0	6.1	5.9	6.9	6.5	6.6	6.6	6.5	6.3	6.3
Transportation and public utilities	7.2	7.5	7.0	6.7	6.2	6.5	6.0	6.3	6.0	6.1	5.0	4.7	5.9
Wholesale and retail trade	5.6	5.3	6.1	5.3	5.3	5.7	6.2	6.2	6.3	5.9	5.9	6.4	6.8
Finance, insurance, and real estate	6.2	6.3	5.7	5.7	5.0	5.7	5.4	5.4	5.2	3.8	4.8	5.2	5.2
Services	6.8	8.0	8.8	8.5	8.1	8.2	8.6	8.7	7.6	7.6	7.7	8.1	8.5
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	(*)	11.4	10.0	9.9	9.9	9.9	11.4	15.2	14.8	14.5	9.7
Average weekly earnings, private nonfarm economy: ²													
Current dollars	5.1	5.2	5.6	4.1	3.1	3.5	3.3	4.8	4.8	4.2	4.3	4.6	5.9
1967 dollars	(*)	.3	.3	-1.3	-2.3	-2.2	-2.3	-.8	-1.1	-1.7	-1.8	-1.3	-.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	.6	.5	-.9	-1.8	-1.8	-1.8	-.4	-.7	-1.3	-1.4	-1.0	-.2

¹ Current month divided by same month a year earlier.

² Production and nonsupervisory workers.

³ Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

* Not available.

^p preliminary.

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

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

Measure	Percent change at annual rate over 6-month period ¹ ending in--												
	1971				1970								
	Mar. ^p	Feb. ^p	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Average hourly earnings, private nonfarm economy ²	6.2	5.6	6.9	7.0	5.1	5.1	5.7	7.1	6.5	4.5	5.2	5.2	5.9
Mining	5.2	6.3	6.3	5.8	8.1	7.0	5.3	5.9	5.4	7.2	4.9	5.5	7.8
Contract construction	8.1	6.5	9.0	8.3	11.2	9.2	8.8	11.8	8.1	7.7	7.0	9.1	8.8
Manufacturing	5.9	6.0	6.6	6.0	3.0	3.0	6.8	7.5	6.2	4.9	5.0	4.4	4.4
Excluding effects of overtime and interindustry employment shifts	6.4	6.7	6.9	7.3	5.1	5.7	7.3	7.7	7.2	6.7	7.1	6.2	6.4
Transportation and public utilities	6.8	5.7	6.8	6.9	8.1	9.2	7.6	9.3	7.1	6.6	4.4	3.8	4.4
Wholesale and retail trade	5.2	4.4	6.0	6.8	6.1	6.9	6.1	6.1	6.2	3.8	4.6	4.7	6.3
Finance, insurance, and real estate	9.2	7.2	7.3	8.8	7.4	7.4	3.3	5.4	4.0	2.7	2.7	4.1	7.6
Services	7.0	8.6	10.9	8.7	9.5	7.3	6.5	7.4	6.7	8.3	6.7	9.2	10.8
Average hourly earnings, all Federal executive branch employees ³	(*)	(*)	(*)	6.5	6.4	3.8	7.9	6.0	4.0	4.6	6.7	5.9	3.7
Average weekly earnings, private nonfarm economy: ²													
Current dollars	8.4	4.6	5.6	5.5	3.5	3.4	2.0	5.8	5.5	2.7	2.8	3.5	4.6
1967 dollars	(*)	-.3	.6	.4	-.9	-1.4	-2.6	1.0	.1	-3.0	-3.8	-3.1	-2.0
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	.8	1.4	-.4	-1.2	-1.7	-2.4	.4	-.4	-1.4	-2.5	-1.8	-1.1

¹ Current month divided by month 6 months earlier.

² Production and nonsupervisory workers.

³ Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

* Not available.

^p preliminary.

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

EMPLOYEE COMPENSATION DATA SEASONALLY ADJUSTED

C-15: Average hourly or weekly compensation,¹ seasonally adjusted

Measure	1971						1970						
	1st quarter		4th quarter				3d quarter			2d quarter			
	Mar. ^P	Feb. ^P	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Average hourly compensation:													
All persons, total private economy quarterly indexes (1967 = 100)	-	(*)	-	-	126.6	-	-	124.7	-	-	122.4	-	-
All employees, private nonfarm economy quarterly indexes (1967 = 100)	-	(*)	-	-	125.4	-	-	123.4	-	-	121.1	-	-
Average hourly earnings, private nonfarm economy²													
Mining	\$ 3.37	\$ 3.35	\$ 3.34	\$ 3.32	\$ 3.28	\$ 3.27	\$ 3.27	\$ 3.26	\$ 3.23	\$ 3.21	\$ 2.20	\$ 3.19	\$ 3.18
Contract construction	3.99	3.99	3.96	3.94	3.95	3.91	3.89	3.87	3.84	3.83	3.80	3.78	3.79
Manufacturing	5.51	5.50	5.47	5.40	5.40	5.37	5.30	5.33	5.24	5.19	5.12	5.14	5.08
Excluding effects of overtime and interindustry employment shifts monthly indexes (1967 = 100)	3.52	3.50	3.49	3.46	3.39	3.37	3.42	3.40	3.38	3.36	3.34	3.32	3.31
Transportation	125.3	124.8	124.2	123.6	121.8	121.1	121.5	120.8	120.1	119.3	118.8	117.8	117.3
Wholesale and retail trade	\$ 4.04	\$ 4.02	\$ 4.00	\$ 3.97	\$ 3.94	\$ 3.93	\$ 3.91	\$ 3.91	\$ 3.87	\$ 3.84	\$ 3.79	\$ 3.76	\$ 3.77
Finance, insurance, and real estate	2.82	2.80	2.80	2.78	2.76	2.76	2.75	2.74	2.72	2.69	2.68	2.67	2.67
Services	3.24	3.21	3.17	3.16	3.14	3.13	3.10	3.10	3.06	3.03	3.03	3.02	3.05
Average hourly earnings, all Federal executive branch employees, ³ monthly indexes (1967 = 100)	2.99	2.98	2.98	2.94	2.94	2.90	2.89	2.86	2.83	2.82	2.81	2.80	2.80
Average union scales, 7 building trades:													
Wages and selected benefits, quarterly indexes (July 1967 = 100)	(*)	(*)	(*)	137.3	133.8	132.4	131.9	129.5	127.3	128.9	129.7	127.6	122.2
Hourly wage rates, quarterly indexes (July 1967 = 100)	-	-	137.8	-	-	133.8	-	-	131.1	-	-	124.0	-
Wage rates, hired farm labor	-	-	132.9	-	-	129.7	-	-	127.3	-	-	121.0	-
Average weekly earnings, private nonfarm economy: ²	-	-	\$ 1.71	-	-	\$ 1.71	-	-	\$ 1.65	-	-	\$ 1.62	-
Current dollars	125.11	123.97	123.69	122.55	120.83	120.64	120.17	121.23	120.37	119.33	118.76	118.65	118.99
1967 dollars	(*)	103.62	103.56	102.80	102.07	102.25	102.47	103.80	103.24	102.60	102.54	102.99	103.82
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	91.06	91.01	89.72	89.35	89.49	89.74	90.71	90.36	89.90	89.87	90.27	90.85

¹ Series are in dollars except where index base is shown.² Production and nonsupervisory workers.³ Not seasonally adjusted

Not available.

p= 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.	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.	Except for "manufacturing excluding overtime and interindustry employment shifts," compensation is gross regular payments to workers, i.e., straight-time hourly earnings plus premium and incentive pay, before payroll deductions. Weekly earnings in 1957-59 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

**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		
	Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970
ALABAMA ¹	\$116.92	\$118.99	\$112.68	39.5	40.2	40.1	\$2.96	\$2.96	\$2.81
Birmingham ¹	139.25	139.90	135.88	39.9	40.2	41.3	3.49	3.48	3.29
Mobile	137.97	139.18	132.43	40.7	41.3	41.0	3.39	3.37	3.23
ALASKA ¹	(*)	204.14	191.88	(*)	38.3	39.4	(*)	5.33	4.87
ARIZONA	143.56	140.85	129.28	40.1	39.9	39.9	3.58	3.53	3.24
Phoenix	145.64	144.11	129.89	39.9	39.7	39.6	3.65	3.63	3.28
Tucson	140.26	139.12	132.87	39.4	39.3	39.9	3.56	3.54	3.33
ARKANSAS	100.62	102.80	95.20	39.0	40.0	39.5	2.58	2.57	2.41
Fort Smith ¹	96.08	97.36	88.86	38.9	39.9	38.3	2.47	2.44	2.32
Little Rock-North Little Rock ¹	105.26	108.65	99.71	38.7	39.8	39.1	2.72	2.73	2.55
Pine Bluff ¹	134.55	132.03	117.87	41.4	40.5	38.9	3.25	3.26	3.03
CALIFORNIA	153.24	154.84	148.06	38.6	39.2	39.8	3.97	3.95	3.72
Anaheim-Santa Ana-Garden Grove	153.64	153.60	149.85	39.7	40.0	40.5	3.87	3.84	3.70
Bakersfield	156.41	156.41	153.87	39.8	39.9	40.6	3.93	3.92	3.79
Fresno	132.97	131.86	123.13	38.1	38.0	37.2	3.49	3.47	3.31
Los Angeles-Long Beach	145.16	150.51	143.60	38.1	39.4	40.0	3.81	3.82	3.59
Modesto-Turlock	135.41	129.56	125.43	37.2	36.6	37.0	3.64	3.54	3.39
Oxnard-Ventura	138.19	133.84	129.02	38.6	37.7	38.4	3.58	3.55	3.36
Sacramento	160.74	158.15	154.33	38.0	37.3	38.2	4.23	4.24	4.04
Salinas-Monterey	133.22	138.65	130.82	36.7	38.3	37.7	3.67	3.62	3.47
San Bernardino-Riverside-Ontario	150.11	150.51	142.63	39.4	39.4	39.4	3.81	3.82	3.62
San Diego	165.45	167.09	163.22	39.3	39.5	40.5	4.21	4.23	4.03
San Francisco-Oakland	173.49	169.79	160.63	38.9	38.5	38.8	4.46	4.41	4.14
San Jose	162.68	164.72	157.21	39.2	39.5	39.8	4.15	4.17	3.95
Santa Barbara	136.53	142.03	136.42	37.1	38.7	39.2	3.68	3.67	3.48
Santa Rosa	140.24	140.61	136.35	37.8	37.9	38.3	3.71	3.71	3.56
Stockton	161.13	159.49	147.41	39.3	38.9	39.1	4.10	4.10	3.77
Vallejo-Napa	144.94	143.19	142.85	36.6	37.0	38.4	3.96	3.87	3.72
COLORADO ¹	145.39	142.16	139.26	39.4	39.6	40.6	3.69	3.59	3.43
Denver ¹	149.97	148.10	142.86	40.1	39.6	40.7	3.74	3.74	3.51
CONNECTICUT	141.20	141.91	139.18	40.0	40.2	41.3	3.53	3.53	3.37
Bridgeport	143.20	142.04	144.63	40.0	39.9	41.8	3.58	3.56	3.46
Hartford	151.81	154.54	152.87	40.7	41.1	42.7	3.73	3.76	3.58
New Britain	139.00	137.97	144.24	39.3	39.1	42.3	3.54	3.53	3.41
New Haven	138.48	139.55	136.96	38.9	39.2	40.4	3.56	3.56	3.39
Stamford	151.47	150.63	150.72	40.5	40.6	42.1	3.74	3.71	3.58
Waterbury	135.20	136.45	131.14	40.6	41.1	41.5	3.33	3.32	3.16
DELAWARE	(*)	148.64	130.47	(*)	40.5	39.9	(*)	3.67	3.27
Wilmington	(*)	164.43	144.87	(*)	40.6	39.8	(*)	4.05	3.64
DISTRICT OF COLUMBIA :									
Washington SMSA ¹	156.38	149.76	143.19	38.9	38.4	38.7	4.02	3.90	3.70
FLORIDA ¹	123.00	124.20	115.75	41.0	41.4	40.9	3.00	3.00	2.83
Fort Lauderdale-Hollywood ¹	129.96	132.92	125.66	39.5	40.9	41.2	3.29	3.25	3.05
Jacksonville ¹	(*)	131.58	118.37	(*)	43.0	40.4	(*)	3.06	2.93
Miami ¹	116.33	117.32	108.53	39.3	39.5	39.9	2.96	2.97	2.72
Orlando ¹	120.51	118.24	119.41	41.7	41.2	42.8	2.89	2.87	2.79
Pensacola ¹	142.96	136.54	131.13	40.5	38.9	40.1	3.53	3.51	3.27
Tampa-St. Petersburg ¹	130.29	129.37	119.58	41.1	41.2	40.4	3.17	3.14	2.96
West Palm Beach ¹	137.49	148.18	141.98	43.1	47.8	45.8	3.19	3.10	3.10
GEORGIA	110.60	109.14	104.15	39.5	39.4	39.6	2.80	2.77	2.63
Atlanta	142.52	138.60	129.03	39.7	39.6	39.1	3.59	3.50	3.30
Savannah	137.70	141.02	125.26	40.5	41.6	40.8	3.40	3.39	3.07
HAWAII	(*)	127.60	124.80	(*)	37.2	38.4	(*)	3.43	3.25
Honolulu	(*)	125.58	125.07	(*)	36.4	37.9	(*)	3.45	3.30
IDAHO	126.48	124.54	119.39	37.2	37.4	37.9	3.40	3.33	3.15
ILLINOIS	149.84	150.16	145.98	39.3	39.5	40.6	3.82	3.80	3.60
Chicago	(*)	151.13	147.12	(*)	39.3	40.5	(*)	3.85	3.63
Davenport-Rock Island-Moline	(*)	155.69	163.74	(*)	37.0	40.4	(*)	4.20	4.05

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		
	Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970
ILLINOIS (continued)									
Peoria	(*)	\$168.87	\$169.36	(*)	40.1	41.9	(*)	\$4.21	\$4.05
Rockford	(*)	143.79	147.16	(*)	40.1	41.6	(*)	3.58	3.54
INDIANA	\$155.62	154.81	144.80	39.8	39.9	40.0	\$3.91	3.88	3.62
Indianapolis	(*)	154.83	145.93	(*)	39.7	40.2	(*)	3.90	3.63
IOWA	152.48	156.79	142.60	39.4	40.1	39.5	3.87	3.91	3.61
Cedar Rapids	157.53	163.07	139.79	40.6	41.6	39.6	3.88	3.92	3.53
Des Moines	161.54	162.78	152.05	39.4	39.8	39.7	4.10	4.09	3.83
Dubuque	163.61	181.24	154.46	37.1	39.4	37.4	4.41	4.60	4.13
Sioux City	146.08	154.66	138.61	41.5	43.2	41.5	3.52	3.58	3.34
Waterloo	161.99	160.79	160.00	39.9	39.7	39.8	4.06	4.05	4.02
KANSAS	144.56	146.70	130.40	40.9	41.4	42.2	3.53	3.54	3.09
Topeka	157.69	155.86	157.49	42.1	42.0	45.7	3.74	3.71	3.44
Wichita	152.07	155.85	141.65	41.6	42.6	42.9	3.65	3.66	3.30
KENTUCKY	123.42	129.98	123.87	36.3	38.8	39.2	3.40	3.35	3.16
Louisville	131.71	145.53	141.09	34.3	38.5	39.3	3.84	3.78	3.59
LOUISIANA	143.14	141.86	133.66	42.1	41.6	41.0	3.40	3.41	3.26
Baton Rouge	163.15	160.74	160.65	41.2	40.9	42.5	3.96	3.93	3.78
New Orleans	143.59	141.93	131.08	41.5	41.5	39.6	3.46	3.42	3.31
Shreveport	127.20	127.52	116.00	40.0	40.1	40.0	3.18	3.18	2.90
MAINE	109.37	111.32	105.07	39.2	39.9	39.8	2.79	2.79	2.64
Lewiston-Auburn	89.56	88.45	86.14	35.4	35.1	36.5	2.53	2.52	2.36
Portland	118.65	117.99	112.46	38.9	39.2	40.6	3.05	3.01	2.77
MARYLAND ¹	139.79	137.59	134.60	39.6	39.2	40.3	3.53	3.51	3.34
Baltimore ¹	146.03	143.81	139.38	39.9	39.4	40.4	3.66	3.65	3.45
MASSACHUSETTS	131.14	131.04	124.11	38.8	39.0	39.4	3.38	3.36	3.15
Boston	145.04	144.26	132.60	39.2	39.2	39.0	3.70	3.68	3.40
Brockton	109.14	108.66	106.80	36.5	36.1	36.7	2.99	3.01	2.91
Fall River	97.50	95.22	92.66	35.2	34.5	35.5	2.77	2.76	2.61
Lawrence-Haverhill	126.77	121.66	121.77	40.5	39.5	41.0	3.13	3.08	2.97
Lowell	114.76	114.05	107.34	38.0	38.4	38.2	3.02	2.97	2.81
New Bedford	105.36	103.32	98.47	37.1	36.9	37.3	2.84	2.80	2.64
Springfield-Chicopee-Holyoke	130.39	130.59	128.64	38.8	39.1	40.2	3.36	3.34	3.20
Worcester	129.46	130.88	132.00	37.2	37.5	40.0	3.48	3.49	3.30
MICHIGAN	189.99	188.98	161.29	41.7	41.8	39.6	4.56	4.52	4.07
Ann Arbor	191.03	202.80	158.64	40.2	42.1	39.7	4.75	4.82	4.00
Battle Creek	165.64	160.19	168.94	39.4	38.6	42.9	4.20	4.15	3.94
Bay City	182.59	183.27	151.73	44.6	44.7	40.7	4.09	4.10	3.73
Detroit	193.74	193.42	170.72	41.3	41.4	39.6	4.69	4.67	4.31
Flint	248.60	242.18	167.10	46.2	45.6	37.5	5.38	5.31	4.46
Grand Rapids	163.13	166.54	145.60	40.5	40.9	40.0	4.03	4.07	3.64
Jackson	162.70	162.86	161.24	39.3	39.3	39.9	4.14	4.14	4.04
Kalamazoo	185.33	177.42	165.51	42.4	41.6	43.0	4.37	4.27	3.85
Lansing	204.69	204.52	165.36	42.1	42.3	38.9	4.86	4.84	4.25
Muskegon-Muskegon Heights	154.17	152.55	146.76	40.2	39.8	39.6	3.84	3.83	3.71
Saginaw	226.80	228.46	163.74	45.0	45.6	38.8	5.04	5.01	4.22
MINNESOTA	146.23	144.52	140.65	39.6	39.1	40.4	3.70	3.69	3.48
Duluth-Superior	(*)	(*)	125.52	(*)	(*)	39.9	(*)	(*)	3.15
Minneapolis-St. Paul	153.74	150.97	146.34	39.5	38.9	40.5	3.89	3.89	3.62
MISSISSIPPI	98.04	99.54	94.01	38.6	39.5	39.5	2.54	2.52	2.38
Jackson	102.00	99.45	94.16	40.8	40.1	39.9	2.50	2.48	2.36
MISSOURI	139.98	140.69	129.36	39.1	39.3	39.2	3.58	3.58	3.30
Kansas City	136.17	136.57	129.28	39.7	39.7	39.9	3.43	3.44	3.24
St. Joseph	136.61	147.40	139.26	40.9	42.6	42.2	3.34	3.46	3.30
St. Louis	160.00	161.20	147.26	39.8	39.9	39.8	4.02	4.04	3.70
Springfield	113.48	114.76	107.39	38.6	38.9	38.3	2.94	2.95	2.80
MONTANA	157.85	152.40	139.08	41.0	40.0	39.4	3.85	3.81	3.53
NEBRASKA	138.46	142.21	128.25	41.6	42.2	41.6	3.33	3.37	3.08
Lincoln	127.95	126.76	121.64	39.9	39.7	40.3	3.20	3.20	3.02
Omaha	141.29	147.88	129.87	40.9	42.0	40.9	3.45	3.52	3.17

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		
	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970	Feb. 1971 ^P	Jan. 1971	Feb. 1970
NEVADA ¹	\$159.33	\$159.80	\$164.36	38.3	38.6	39.7	\$4.16	\$4.14	\$4.14
Las Vegas	(*)	181.43	178.25	(*)	41.9	39.7	(*)	4.33	4.49
NEW HAMPSHIRE	113.59	114.36	107.29	38.9	39.3	39.3	2.92	2.91	2.73
Manchester	102.71	103.90	98.56	37.9	38.2	38.2	2.71	2.72	2.58
NEW JERSEY	146.47	143.87	136.35	40.8	40.3	40.7	3.59	3.57	3.35
Atlantic City	113.68	112.16	104.25	40.6	40.2	37.5	2.80	2.79	2.78
Camden ²	143.72	140.75	129.81	40.6	40.1	39.1	3.54	3.51	3.32
Jersey City ³	144.80	144.44	144.96	40.0	39.9	41.3	3.62	3.62	3.51
Newark ³	146.15	143.50	138.11	39.5	39.1	40.5	3.70	3.67	3.41
Paterson-Clifton-Passaic ³	139.98	140.69	133.79	39.1	39.3	39.7	3.58	3.58	3.37
Perth Amboy ³	149.27	143.24	139.90	39.7	38.3	40.2	3.76	3.74	3.48
Trenton ¹	138.93	140.09	124.59	38.7	38.7	38.1	3.59	3.62	3.27
NEW MEXICO ¹	106.40	99.46	101.90	39.7	36.7	38.6	2.68	2.71	2.64
Albuquerque ¹	116.05	108.63	117.10	38.3	36.7	40.8	3.03	2.96	2.87
NEW YORK	(*)	141.62	131.77	(*)	38.8	39.1	(*)	3.65	3.37
Albany-Schenectady-Troy	156.72	154.69	140.94	40.6	40.6	39.7	3.86	3.81	3.55
Binghamton	142.16	139.84	137.67	40.5	40.3	42.1	3.51	3.47	3.27
Buffalo	172.14	170.93	153.52	40.6	40.6	40.4	4.24	4.21	3.80
Elmira	129.59	132.26	122.46	38.8	39.6	39.0	3.34	3.34	3.14
Monroe County ⁴	174.58	175.03	155.17	40.6	40.8	40.2	4.30	4.29	3.86
Nassau and Suffolk Counties ⁵	142.60	141.51	134.52	39.5	39.2	39.8	3.61	3.61	3.38
New York-Northeastern New Jersey	(*)	137.90	131.38	(*)	38.2	39.1	(*)	3.61	3.36
New York SMSA ³	(*)	133.88	126.82	(*)	37.5	38.2	(*)	3.57	3.32
New York City ³	(*)	131.72	125.50	(*)	37.0	37.8	(*)	3.56	3.32
Rochester	168.48	168.50	150.38	40.5	40.7	40.1	4.16	4.14	3.75
Rockland County ⁵	142.63	141.65	132.36	39.4	39.9	40.6	3.62	3.55	3.26
Syracuse	149.17	149.41	141.23	40.1	40.6	40.7	3.72	3.68	3.47
Utica-Rome	131.60	129.65	124.11	39.4	38.7	39.4	3.34	3.35	3.15
Westchester County ⁵	141.70	145.88	124.61	38.4	38.9	38.7	3.69	3.75	3.22
NORTH CAROLINA	100.22	100.73	95.50	39.3	39.5	39.3	2.55	2.55	2.43
Asheville	97.96	96.53	92.34	39.5	39.4	38.8	2.48	2.45	2.38
Charlotte	107.98	106.52	100.95	39.7	39.6	39.9	2.72	2.69	2.53
Greensboro-Winston-Salem-High Point	108.57	111.04	105.15	38.5	39.1	38.8	2.82	2.84	2.71
Raleigh	105.86	104.94	97.32	39.5	39.6	39.4	2.68	2.65	2.47
NORTH DAKOTA ¹	124.37	123.79	110.56	41.2	40.1	39.5	3.02	3.09	2.80
Fargo-Moorhead ¹	133.33	142.36	116.38	37.3	41.1	38.9	3.57	3.46	3.00
OHIO	(*)	161.60	149.92	(*)	40.4	40.3	(*)	4.00	3.72
Akron	(*)	176.35	166.04	(*)	41.3	41.1	(*)	4.27	4.04
Canton	(*)	162.38	150.14	(*)	40.8	40.8	(*)	4.08	3.68
Cincinnati	(*)	154.63	142.68	(*)	40.8	41.0	(*)	3.79	3.48
Cleveland	(*)	163.61	151.98	(*)	40.2	40.1	(*)	4.07	3.79
Columbus	(*)	148.55	138.29	(*)	39.3	39.4	(*)	3.78	3.51
Dayton	(*)	178.30	166.87	(*)	39.8	40.6	(*)	4.48	4.11
Toledo	(*)	168.10	155.60	(*)	40.9	40.0	(*)	4.11	3.89
Youngstown-Warren	(*)	177.61	154.84	(*)	41.4	39.5	(*)	4.29	3.92
OKLAHOMA	126.40	127.03	125.26	40.0	40.2	40.8	3.16	3.16	3.07
Oklahoma City	125.20	127.17	122.18	40.0	40.5	41.0	3.13	3.14	2.98
Tulsa	138.57	138.45	139.78	40.4	40.6	41.6	3.43	3.41	3.36
OREGON ¹	156.41	146.52	144.35	39.2	37.0	38.7	3.99	3.96	3.73
Eugene ¹	163.58	149.04	148.99	39.8	36.8	38.8	4.11	4.05	3.84
Portland ¹	152.84	146.52	142.80	38.5	37.0	38.7	3.97	3.96	3.69
PENNSYLVANIA ¹	136.85	135.72	128.90	39.1	39.0	39.3	3.50	3.48	3.28
Allentown-Bethlehem-Easton	131.29	130.64	128.12	38.5	38.2	39.3	3.41	3.42	3.26
Altoona ¹	114.05	112.40	106.47	38.4	38.1	38.3	2.97	2.95	2.78
Delaware Valley ^{1,2}	147.31	146.94	138.16	39.6	39.5	39.7	3.72	3.72	3.48
Erie ¹	147.33	150.23	135.94	40.7	41.5	40.7	3.62	3.62	3.34
Harrisburg ¹	125.29	125.93	123.62	39.4	39.6	40.4	3.18	3.18	3.06
Johnstown ¹	135.05	129.24	127.91	36.9	35.9	37.4	3.66	3.60	3.42
Lancaster ¹	125.51	124.55	120.90	39.1	38.8	39.9	3.21	3.21	3.03
Philadelphia ¹	146.49	146.12	137.36	39.7	39.6	39.7	3.69	3.69	3.46
Pittsburgh	159.19	157.57	149.92	40.3	40.3	40.3	3.95	3.91	3.72
Reading ¹	124.09	124.68	120.69	38.3	38.6	39.7	3.24	3.23	3.04
Scranton ¹	104.60	104.54	95.66	35.7	35.8	35.3	2.93	2.92	2.71
Wilkes-Barre-Hazleton ¹	102.81	99.83	96.03	36.2	35.4	36.1	2.84	2.82	2.66
York ¹	127.39	124.80	120.66	40.7	40.0	40.9	3.13	3.12	2.95

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		
	Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970	Feb. 1971 P	Jan. 1971	Feb. 1970
RHODE ISLAND.....	\$114.27	\$113.49	\$111.67	39.0	39.0	39.6	\$2.93	\$2.91	\$2.82
Providence-Pawtucket-Warwick.....	115.34	115.54	111.78	39.1	39.3	39.5	2.95	2.94	2.83
SOUTH CAROLINA ¹	(*)	104.78	99.94	(*)	40.3	40.3	(*)	2.60	2.48
Charleston.....	128.96	125.86	117.45	41.2	40.6	40.5	3.13	3.10	2.90
Greenville ¹	(*)	101.38	97.11	(*)	39.6	39.8	(*)	2.56	2.44
SOUTH DAKOTA.....	137.09	139.42	117.88	43.8	44.4	41.8	3.13	3.14	2.82
Sioux Falls.....	164.96	173.73	138.45	46.6	48.8	43.4	3.54	3.56	3.19
TENNESSEE.....	(*)	112.35	105.86	(*)	39.7	39.5	(*)	2.83	2.68
Chattanooga.....	124.12	123.72	115.83	40.3	40.3	40.5	3.08	3.07	2.86
Knoxville.....	(*)	130.00	118.59	(*)	40.5	39.4	(*)	3.21	3.01
Memphis.....	125.69	120.43	118.88	39.4	39.1	40.3	3.19	3.08	2.95
Nashville ¹	114.64	121.97	115.60	37.1	39.6	40.0	3.09	3.08	2.89
TEXAS.....	132.84	133.17	125.96	40.5	40.6	40.5	3.28	3.28	3.11
Amarillo.....	118.90	119.60	110.09	39.5	40.0	38.9	3.01	2.99	2.83
Austin.....	115.23	112.74	107.18	41.3	40.7	40.6	2.79	2.77	2.64
Beaumont-Port Arthur-Orange.....	169.20	172.55	167.69	40.0	40.6	41.1	4.23	4.25	4.08
Corpus Christi.....	160.18	155.21	150.78	42.6	41.5	42.0	3.76	3.74	3.59
Dallas.....	122.67	124.93	120.50	39.7	40.3	40.3	3.09	3.10	2.99
El Paso.....	88.03	89.87	84.24	39.3	40.3	39.0	2.24	2.23	2.16
Fort Worth.....	137.97	137.16	130.51	40.7	40.7	41.3	3.39	3.37	3.16
Galveston-Texas City.....	187.63	190.39	191.35	40.7	41.3	43.0	4.61	4.61	4.45
Houston.....	158.98	158.88	151.56	41.4	41.7	42.1	3.84	3.81	3.60
Lubbock.....	114.06	113.30	111.25	42.4	41.5	43.8	2.69	2.73	2.54
San Antonio.....	103.53	106.86	97.20	40.6	41.1	40.5	2.55	2.60	2.40
Waco.....	112.23	112.68	106.86	38.7	39.4	39.0	2.90	2.86	2.74
Wichita Falls.....	96.13	97.61	95.62	38.3	39.2	38.4	2.51	2.49	2.49
UTAH ¹	137.14	138.48	126.87	38.2	38.9	38.1	3.59	3.56	3.33
Salt Lake City ¹	124.58	128.20	119.19	37.3	38.5	37.6	3.34	3.33	3.17
VERMONT.....	124.85	125.25	118.90	40.8	41.2	41.0	3.06	3.04	2.90
Burlington.....	147.05	140.01	129.24	42.5	41.3	40.9	3.46	3.39	3.16
Springfield.....	130.94	133.40	134.97	39.8	41.3	40.9	3.29	3.23	3.30
VIRGINIA.....	111.28	112.40	106.52	39.6	40.0	39.6	2.81	2.81	2.69
Lynchburg.....	110.57	109.89	105.88	40.5	40.4	41.2	2.73	2.72	2.57
Norfolk-Portsmouth.....	114.68	122.85	117.29	38.1	39.0	41.3	3.01	3.15	2.84
Richmond.....	123.87	129.02	118.70	39.2	40.7	39.7	3.16	3.17	2.99
Roanoke.....	104.94	105.60	99.50	39.6	40.0	39.8	2.65	2.64	2.50
WASHINGTON ¹	163.02	160.22	155.62	39.0	38.7	39.2	4.18	4.14	3.97
Seattle-Everett ¹	170.21	169.95	163.99	39.4	39.8	39.9	4.32	4.27	4.11
Spokane ¹	151.24	155.16	146.29	38.0	38.5	38.7	3.98	4.03	3.78
Tacoma ¹	155.86	153.78	147.42	38.2	37.6	37.8	4.08	4.09	3.90
WEST VIRGINIA.....	139.87	139.44	132.20	39.4	39.5	39.7	3.55	3.53	3.33
Charleston.....	165.24	167.25	166.88	40.8	41.5	42.9	4.05	4.03	3.89
Huntington-Ashland.....	145.86	148.18	133.79	39.0	39.2	37.9	3.74	3.78	3.53
Wheeling.....	143.07	141.95	135.26	40.3	40.1	39.9	3.55	3.54	3.39
WISCONSIN ¹	152.38	153.42	144.20	40.3	40.4	40.7	3.78	3.80	3.55
Green Bay ¹	157.98	161.03	146.47	42.5	43.0	42.2	3.72	3.74	3.47
Kenosha ¹	152.97	154.42	154.54	38.3	38.3	39.2	3.99	4.03	3.95
La Crosse ¹	127.90	126.88	114.66	39.9	39.9	39.0	3.20	3.18	2.94
Madison ¹	183.38	179.22	151.61	41.6	41.0	39.4	4.41	4.37	3.85
Milwaukee ¹	163.41	163.12	155.10	40.2	40.1	40.6	4.06	4.07	3.82
Racine ¹	158.15	153.76	147.04	40.1	39.7	40.2	3.94	3.87	3.66
WYOMING ¹	134.08	127.39	122.56	38.2	37.8	38.3	3.51	3.37	3.20
Casper ¹	156.78	159.19	150.02	40.2	39.6	39.9	3.90	4.02	3.76
Chevonne ¹	144.77	101.84	112.87	37.8	30.4	33.1	3.83	3.35	3.41

¹ Revised series; not strictly comparable with previously published data.

² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

³ Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁴ Subarea of Rochester Standard Metropolitan Statistical Area.

⁵ Subarea of New York Standard Metropolitan Statistical Area.

* Not available

p = preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA
LABOR TURNOVER

D-1: Labor turnover rates in manufacturing
1959 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1959.....	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
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	5.0	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	3.1p											
New hires													
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
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	3.7
1970.....	2.9	2.5	2.6	2.6	2.8	3.9	2.9	3.5	3.4	2.7	1.9	1.4	2.8
1971.....	2.0	1.8p											
Total separations													
1959.....	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
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	5.3	4.3	4.2	4.9
1970.....	4.8	4.3	4.5	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1	4.8
1971.....	4.2	3.5p											
Quits													
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
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	2.6	4.0	4.4	2.9	2.1	1.6	2.7
1970.....	2.1	1.9	1.9	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2	2.1
1971.....	1.4	1.3p											
Layoffs													
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
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	1.0	1.6	1.1	1.1	1.3	1.3	1.8	1.2
1970.....	1.7	1.6	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	1.5p											

p - preliminary.

**ESTABLISHMENT DATA
LABOR TURNOVER**
D-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971
-	MANUFACTURING	3.1	3.5	1.8	2.0	3.5	4.2	1.3	1.4	1.5	1.9
19,24,25,32-39	DURABLE GOODS	3.0	3.2	1.6	1.6	3.4	4.0	1.0	1.1	1.6	2.0
20-23,26-31	NONDURABLE GOODS	3.4	3.9	2.2	2.4	3.7	4.5	1.6	1.9	1.4	1.8
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	-	2.8	-	.6	-	5.0	-	.7	-	3.5
192	Ammunition, except for small arms	-	1.9	-	.6	-	4.1	-	.8	-	2.5
24	LUMBER AND WOOD PRODUCTS	4.6	4.7	3.0	3.1	4.6	4.9	2.0	2.2	1.9	1.8
242	Sawmills and planing mills	-	4.2	-	3.1	-	4.4	-	2.3	-	1.5
2421	Sawmills and planing mills, general	-	4.0	-	2.9	-	4.3	-	2.1	-	1.6
243	Millwork, plywood & related products	-	4.7	-	2.8	-	4.8	-	1.8	-	1.8
2431	Millwork	-	4.0	-	2.9	-	4.9	-	1.6	-	1.8
2432	Veneer and plywood	-	5.9	-	2.8	-	3.3	-	2.0	-	.6
244	Wooden containers	-	6.1	-	4.3	-	5.9	-	3.3	-	1.7
2441,2	Wooden boxes, shooks, and crates	-	5.9	-	3.9	-	5.2	-	2.9	-	1.5
249	Miscellaneous wood products	-	4.8	-	3.4	-	4.9	-	2.7	-	1.1
25	FURNITURE AND FIXTURES	4.4	4.5	3.2	3.5	4.8	5.1	2.2	2.3	1.7	1.9
251	Household furniture	-	4.9	-	3.8	-	4.9	-	2.5	-	1.5
2511	Wood household furniture	-	4.2	-	3.4	-	4.8	-	2.5	-	1.5
2512	Upholstered household furniture	-	4.2	-	3.3	-	4.6	-	2.4	-	1.5
2515	Mattresses and bedsprings	-	5.2	-	4.6	-	4.2	-	2.5	-	.5
252	Office furniture	-	2.4	-	1.6	-	4.9	-	1.6	-	2.5
32	STONE, CLAY, AND GLASS PRODUCTS	3.4	3.2	1.9	1.8	3.8	5.1	1.2	1.5	1.8	2.7
321	Flat glass	-	2.1	-	.1	-	4.5	-	.2	-	3.8
322	Glass and glassware, pressed or blown	-	2.7	-	1.1	-	4.6	-	1.2	-	2.4
3221	Glass containers	-	1.8	-	1.0	-	5.6	-	1.4	-	3.6
3229	Pressed and blown glass, n e c	-	3.9	-	1.1	-	3.2	-	1.0	-	.7
324	Cement, hydraulic	-	1.5	-	.6	-	3.8	-	.5	-	2.7
325	Structural clay products	-	4.0	-	2.6	-	6.0	-	2.1	-	3.1
3251	Brick and structural clay tile	-	4.3	-	3.4	-	7.1	-	2.8	-	3.4
326	Pottery and related products	-	3.6	-	2.1	-	3.9	-	1.7	-	1.2
3291	Abrasive products	-	1.4	-	.6	-	3.5	-	.7	-	2.2
33	PRIMARY METAL INDUSTRIES	3.2	3.6	1.5	1.4	2.4	2.9	.7	.8	.8	1.2
331	Blast furnace and basic steel products	-	4.1	-	1.3	-	2.3	-	.6	-	.8
3312	Blast furnaces and steel mills	-	4.3	-	1.3	-	2.2	-	.5	-	.8
332	Iron and steel foundries	-	3.6	-	2.2	-	3.6	-	1.3	-	1.5
3321	Gray iron foundries	-	3.5	-	2.1	-	3.3	-	1.3	-	1.2
3322	Malleable iron foundries	-	4.5	-	3.6	-	4.7	-	1.7	-	1.6
3323	Steel foundries	-	3.6	-	1.9	-	4.0	-	1.1	-	1.9
333,4	Nonferrous metals	-	2.0	-	1.3	-	4.1	-	1.0	-	2.3
335	Nonferrous rolling and drawing	-	2.3	-	1.1	-	2.6	-	.7	-	.9
3351	Copper rolling and drawing	-	2.6	-	1.1	-	2.1	-	.5	-	1.0
3352	Aluminum rolling and drawing	-	2.6	-	1.0	-	2.8	-	.7	-	1.2
3357	Nonferrous wire drawing, and insulating	-	2.3	-	1.4	-	2.9	-	.8	-	.7
336	Nonferrous foundries	-	5.2	-	1.8	-	4.9	-	1.4	-	2.9
3361	Aluminum castings	-	4.6	-	2.2	-	4.5	-	1.4	-	2.3
3362,9	Other nonferrous castings	-	5.8	-	1.3	-	5.4	-	1.3	-	3.4
339	Miscellaneous primary metal products	-	2.7	-	1.1	-	3.7	-	.9	-	2.1
3391	Iron and steel forgings	-	2.3	-	1.0	-	3.8	-	.7	-	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	
		Feb. 1971 ^p	Jan. 1971	Feb. 1971 ^p	Jan. 1971	Feb. 1971 ^p	Jan. 1971	Feb. 1971 ^p	Jan. 1971	Feb. 1971 ^p	Jan. 1971
	<i>Durable Goods--Continued</i>										
34	FABRICATED METAL PRODUCTS	-	3.4	-	1.9	-	4.3	-	1.3	-	2.1
341	Metal cans	-	5.7	-	2.3	-	4.0	-	1.1	-	1.5
342	Cutlery, hand tools, and hardware	-	2.3	-	1.6	-	3.8	-	1.1	-	1.7
3421,3,5	Cutlery and hand tools, incl. saws	-	2.3	-	1.8	-	3.2	-	1.1	-	1.0
3429	Hardware, n e c	-	2.3	-	1.4	-	4.2	-	1.1	-	2.2
343	Plumbing and heating, except electric	-	3.5	-	1.8	-	3.5	-	1.3	-	1.3
3431,2	Sanitary ware & plumbers' brass goods	-	4.3	-	2.0	-	3.4	-	1.4	-	.9
3433	Heating equipment, except electric	-	2.9	-	1.7	-	3.6	-	1.2	-	1.6
344	Fabricated structural metal products	-	3.3	-	2.4	-	4.8	-	1.4	-	2.6
3441	Fabricated structural steel	-	3.6	-	3.0	-	4.0	-	1.6	-	1.6
3443	Fabricated plate work (boiler shops)	-	2.6	-	1.7	-	3.6	-	1.1	-	1.9
3446,9	Architectural and misc. metal work	-	4.8	-	3.4	-	6.2	-	1.6	-	3.7
345	Screw machine products, bolts, etc.	-	2.5	-	1.3	-	3.8	-	1.1	-	1.9
3452	Bolts, nuts, rivets, and washers	-	2.5	-	1.0	-	3.0	-	.9	-	1.3
346	Metal stampings	-	3.4	-	1.2	-	4.8	-	1.0	-	3.0
348	Misc. fabricated wire products	-	4.0	-	2.2	-	4.5	-	1.8	-	1.9
349	Misc. fabricated metal products	-	3.2	-	1.8	-	3.0	-	1.2	-	.9
3494,8	Valves, pipe, and pipe fittings	-	3.1	-	2.0	-	2.8	-	1.2	-	.9
35	MACHINERY, EXCEPT ELECTRICAL	2.1	2.4	1.1	1.2	2.7	3.3	.7	.8	1.3	1.7
351	Engines and turbines	-	2.4	-	1.1	-	2.7	-	.6	-	1.2
3511	Steam engines and turbines	-	2.6	-	1.2	-	2.3	-	.6	-	.3
3519	Internal combustion engines, n e c	-	2.3	-	1.0	-	2.9	-	.6	-	1.6
352	Farm machinery	-	4.9	-	1.8	-	4.4	-	.8	-	2.0
353	Construction and related machinery	-	2.2	-	1.3	-	3.0	-	.9	-	1.2
3531,2	Construction and mining machinery	-	2.0	-	1.1	-	2.5	-	.6	-	.7
3533	Oil field machinery	-	3.0	-	2.4	-	2.9	-	1.3	-	1.0
3535,6	Conveyors, hoists, cranes, monorails	-	1.4	-	.7	-	3.6	-	.7	-	2.2
354	Metal working machinery	-	1.9	-	.9	-	4.5	-	.7	-	3.2
3541	Machine tools, metal cutting types	-	1.0	-	.2	-	5.5	-	.5	-	4.3
3545	Machine tool accessories	-	1.5	-	.5	-	3.2	-	.6	-	2.0
3542,8	Misc. metal working machinery	-	1.4	-	.8	-	3.2	-	.8	-	1.8
355	Special industry machinery	-	1.8	-	1.1	-	3.1	-	.8	-	1.8
3551	Food products machinery	-	1.7	-	1.1	-	3.4	-	.8	-	1.9
3552	Textile machinery	-	1.9	-	1.2	-	3.8	-	1.0	-	2.4
356	General industrial machinery	-	2.1	-	.9	-	2.9	-	.8	-	1.5
3561	Pumps and compressors	-	1.9	-	1.1	-	2.6	-	.8	-	1.0
3562	Ball and roller bearings	-	2.5	-	.4	-	3.1	-	.4	-	2.0
3566	Power transmission equipment	-	1.4	-	.7	-	2.8	-	.8	-	1.5
357	Office and computing machines	-	1.6	-	.6	-	2.8	-	.7	-	1.2
3573	Electronic computing equipment	-	1.4	-	.5	-	1.9	-	.6	-	.5
358	Service industry machines	-	2.9	-	1.7	-	3.6	-	.9	-	1.9
3585	Refrigeration machinery	-	3.2	-	1.9	-	3.9	-	.9	-	2.2
36	ELECTRICAL EQUIPMENT AND SUPPLIES	-	2.6	-	1.2	-	4.3	-	1.1	-	2.0
361	Electric test & distributing equipment	-	1.6	-	.9	-	3.7	-	1.0	-	1.8
3611	Electric measuring instruments	-	1.7	-	.9	-	4.1	-	.9	-	2.3
3612	Transformers	-	1.9	-	.7	-	5.3	-	1.0	-	3.1
3613	Switchgear and switchboard apparatus	-	1.4	-	1.0	-	2.2	-	1.0	-	.6
362	Electrical industrial apparatus	-	2.4	-	.8	-	3.7	-	.9	-	2.1
3621	Motors and generators	-	2.9	-	.9	-	3.9	-	.9	-	2.3
3622	Industrial controls	-	1.5	-	.7	-	3.7	-	.8	-	1.9
363	Household appliances	-	3.1	-	1.5	-	6.1	-	1.2	-	3.0
3632	Household refrigerators and freezers	-	3.0	-	1.3	-	9.0	-	.8	-	4.9
3633	Household laundry equipment	-	1.7	-	.7	-	4.1	-	.7	-	2.0
3634	Electric housewares and fans	-	4.1	-	1.8	-	7.1	-	2.1	-	4.0
364	Electric lighting and wiring equipment	-	2.7	-	1.6	-	4.1	-	1.4	-	1.8
3641	Electric lamps	-	1.2	-	.6	-	2.5	-	.8	-	1.0
3642	Lighting fixtures	-	3.4	-	2.4	-	4.8	-	1.6	-	2.3
3643,4	Wiring devices	-	2.9	-	1.5	-	4.3	-	1.5	-	1.9
365	Radio and TV receiving equipment	-	5.2	-	2.3	-	7.1	-	1.6	-	3.5
366	Communication equipment	-	1.8	-	.9	-	3.6	-	.8	-	1.4
3661	Telephone and telegraph apparatus	-	1.7	-	1.1	-	1.7	-	.9	-	.3
3662	Radio and TV communication equipment	-	1.8	-	.7	-	4.6	-	.7	-	2.1
367	Electronic components and accessories	-	3.1	-	1.4	-	4.0	-	1.1	-	1.9
3671-3	Electron tubes	-	2.5	-	.9	-	3.5	-	.9	-	1.3
3674,9	Other electronic components	-	3.2	-	1.5	-	4.1	-	1.2	-	2.1
369	Misc. electrical equipment & supplies	-	2.4	-	1.3	-	4.0	-	1.0	-	2.1
3694	Engine electrical equipment	-	2.2	-	.8	-	3.6	-	.7	-	2.2

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	
		Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	-	3.3	-	1.4	-	4.1	-	.9	-	2.3
371	Motor vehicles and equipment	-	2.7	-	1.4	-	3.0	-	.7	-	1.5
3711	Motor vehicles	-	2.4	-	1.3	-	2.4	-	.7	-	1.1
3712	Passenger car bodies	-	3.6	-	2.9	-	3.3	-	.8	-	1.5
3713	Truck and bus bodies	-	3.7	-	1.7	-	2.9	-	1.1	-	1.2
3714	Motor vehicle parts and accessories	-	2.8	-	1.1	-	3.2	-	.6	-	1.7
372	Aircraft and parts	-	1.1	-	.5	-	4.0	-	.6	-	2.7
3721	Aircraft	-	1.0	-	.4	-	4.2	-	.6	-	2.7
3722	Aircraft engines and engine parts	-	.9	-	.3	-	3.3	-	.4	-	2.0
3723,9	Other aircraft parts and equipment	-	1.8	-	1.0	-	4.8	-	.7	-	3.5
373	Ship and boat building and repairing	-	8.7	-	3.8	-	7.0	-	1.9	-	3.9
3731	Ship building and repairing	-	8.4	-	3.1	-	7.5	-	1.7	-	4.5
374	Railroad equipment	-	4.4	-	1.4	-	5.1	-	.8	-	3.2
375,9	Other transportation equipment	-	11.3	-	3.9	-	7.1	-	2.6	-	3.2
38	INSTRUMENTS AND RELATED PRODUCTS	2.1	2.2	1.4	1.4	2.8	3.4	.9	1.1	1.2	1.3
381	Engineering & scientific instruments	-	1.5	-	.9	-	3.2	-	.8	-	1.6
382	Mechanical measuring & control devices	-	2.1	-	1.1	-	3.4	-	.8	-	1.7
3821	Mechanical measuring devices	-	1.9	-	1.3	-	3.2	-	.8	-	1.7
3822	Automatic temperature controls	-	2.5	-	.7	-	3.7	-	.9	-	1.6
383,5	Optical and ophthalmic goods	-	2.4	-	1.5	-	4.2	-	1.2	-	2.1
384	Medical instruments and supplies	-	2.8	-	2.3	-	3.3	-	1.4	-	1.0
386	Photographic equipment and supplies	-	1.1	-	.8	-	2.4	-	.7	-	.5
387	Watches, clocks, and watchcases	-	5.1	-	2.3	-	5.4	-	2.8	-	1.4
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	4.4	4.6	2.9	2.6	4.2	5.4	1.6	1.8	1.8	2.6
391	Jewelry, silverware, and plated ware	-	2.5	-	2.1	-	4.3	-	1.8	-	1.7
394	Toys and sporting goods	-	9.0	-	3.6	-	7.7	-	2.3	-	4.0
3941-3	Games, toys, dolls, & play vehicles	-	12.3	-	3.7	-	10.6	-	2.9	-	5.9
3949	Sporting and athletic goods, n e c	-	5.5	-	3.4	-	4.7	-	1.6	-	1.9
395	Pens, pencils, office and art supplies	-	2.5	-	1.3	-	3.6	-	1.5	-	1.1
396	Costume jewelry and notions	-	4.1	-	2.5	-	5.9	-	1.8	-	3.3
393,9	Other manufacturing industries	-	3.2	-	2.4	-	4.5	-	1.6	-	2.2
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	4.0	4.6	2.5	2.7	4.8	5.7	1.8	2.1	2.3	2.8
201	Meat products	-	5.7	-	3.2	-	6.8	-	2.7	-	3.2
2011	Meat packing plants	-	5.6	-	1.9	-	6.7	-	1.4	-	4.6
2015	Poultry dressing plants	-	7.9	-	6.6	-	9.2	-	5.9	-	2.2
204	Grain mill products	-	2.9	-	2.1	-	4.2	-	1.6	-	1.7
2041	Flour and other grain mill products	-	2.7	-	1.7	-	2.7	-	1.0	-	1.1
2042	Prepared feeds for animals and fowls	-	3.8	-	3.1	-	4.4	-	2.1	-	1.4
205	Bakery products	-	3.1	-	2.2	-	4.1	-	1.9	-	1.5
2051	Bread, cake, and related products	-	2.8	-	2.3	-	4.1	-	1.9	-	1.4
2052	Cookies and crackers	-	4.3	-	1.8	-	4.6	-	1.5	-	2.2
207	Confectionery and related products	-	7.8	-	3.6	-	6.8	-	2.2	-	4.0
2071	Confectionery products	-	8.7	-	3.7	-	8.0	-	2.5	-	4.9
208	Beverages	-	3.4	-	2.2	-	5.7	-	1.8	-	2.9
2082	Malt liquors	-	2.4	-	.6	-	5.2	-	.2	-	4.3
21	TOBACCO MANUFACTURES	2.2	3.1	1.3	1.5	5.3	6.1	1.3	1.3	3.5	4.3
211	Cigarettes	-	.5	-	.4	-	3.3	-	.4	-	2.5
212	Cigars	-	4.4	-	3.1	-	6.4	-	2.9	-	3.0

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	
		Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971	Feb. 1971 ^P	Jan. 1971
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS	3.8	4.6	2.7	3.3	4.2	5.0	2.3	2.7	1.0	1.2
221	Weaving mills, cotton	-	4.8	-	3.6	-	4.7	-	3.1	-	.5
222	Weaving mills, synthetics	-	3.9	-	3.0	-	4.3	-	2.5	-	.9
223	Weaving and finishing mills, wool	-	5.0	-	2.5	-	6.0	-	2.0	-	2.9
224	Narrow fabric mills	-	4.2	-	2.8	-	4.5	-	2.1	-	1.7
225	Knitting mills	-	4.5	-	2.9	-	5.1	-	2.5	-	1.6
2251	Women's hosiery, except socks	-	2.6	-	1.8	-	6.2	-	2.5	-	1.8
2252	Hosiery, n e c	-	2.6	-	1.8	-	4.1	-	2.1	-	1.5
2254	Knit underwear mills	-	3.7	-	2.7	-	3.8	-	2.8	-	.4
226	Textile finishing, except wool	-	3.9	-	3.0	-	4.5	-	2.2	-	1.3
227	Floor covering mills	-	2.9	-	2.2	-	5.3	-	2.1	-	2.2
228	Yarn and thread mills	-	6.4	-	4.8	-	6.1	-	4.0	-	.9
229	Miscellaneous textile goods	-	4.1	-	2.8	-	4.9	-	2.0	-	1.9
23	APPAREL AND OTHER TEXTILE PRODUCTS	4.6	5.3	2.8	3.0	4.2	5.5	2.1	2.4	1.3	2.3
231	Men's and boys' suits and coats	-	2.8	-	1.4	-	3.7	-	1.3	-	1.8
232	Men's and boys' furnishings	-	4.8	-	3.5	-	5.6	-	3.2	-	1.5
2321	Men's and boys' shirts and nightwear	-	3.6	-	2.5	-	5.7	-	3.1	-	1.7
2327	Men's and boys' separate trousers	-	5.5	-	4.3	-	5.0	-	3.5	-	.5
2328	Men's and boys' work clothing	-	5.3	-	4.1	-	4.8	-	3.4	-	.8
234	Women's and children's undergarments	-	4.5	-	2.4	-	6.2	-	2.7	-	2.4
2341	Women's and children's underwear	-	4.9	-	2.7	-	6.0	-	2.8	-	2.1
2342	Corsets and allied garments	-	3.7	-	1.7	-	6.8	-	2.2	-	3.2
26	PAPER AND ALLIED PRODUCTS	2.2	2.5	1.4	1.5	2.8	3.3	1.0	1.3	1.2	1.2
261,2,6	Paper and pulp mills	-	1.4	-	.6	-	2.5	-	.7	-	1.1
263	Paperboard mills	-	1.5	-	1.0	-	2.0	-	.9	-	.6
264	Misc. converted paper products	-	2.9	-	2.1	-	3.6	-	1.6	-	1.2
2643	Bags, except textile bags	-	4.1	-	3.0	-	3.9	-	1.9	-	1.2
265	Paperboard containers and boxes	-	3.6	-	2.3	-	4.3	-	1.7	-	1.7
2651,2	Folding and setup paperboard boxes	-	3.5	-	2.2	-	5.2	-	1.9	-	2.5
2653	Corrugated and solid fiber boxes	-	2.9	-	1.9	-	3.6	-	1.6	-	1.2
27	PRINTING AND PUBLISHING	2.4	2.9	1.8	2.0	2.5	3.4	1.2	1.6	.7	1.1
28	CHEMICALS AND ALLIED PRODUCTS	1.6	2.0	1.1	1.2	2.1	2.6	.7	.9	.8	1.0
281	Industrial chemicals	-	1.5	-	.9	-	2.0	-	.6	-	.6
282	Plastics materials and synthetics	-	1.3	-	.7	-	2.1	-	.6	-	.8
2821	Plastics materials and resins	-	1.2	-	.7	-	2.3	-	.7	-	.8
2823,4	Synthetic fibers	-	1.5	-	.7	-	2.0	-	.6	-	.7
283	Drugs	-	1.8	-	1.1	-	1.9	-	.9	-	.5
2834	Pharmaceutical preparations	-	1.6	-	1.2	-	2.1	-	1.0	-	.6
284	Soap, cleaners, and toilet goods	-	2.6	-	1.5	-	3.8	-	1.2	-	1.7
2841	Soap and other detergents	-	1.6	-	.5	-	4.7	-	.5	-	3.2
2844	Toilet preparations	-	3.3	-	1.9	-	4.1	-	1.6	-	1.5
285	Paints and allied products	-	2.2	-	1.6	-	2.5	-	1.1	-	.6
286,9	Other chemical products	-	2.6	-	1.0	-	4.3	-	1.0	-	2.6
29	PETROLEUM AND COAL PRODUCTS	1.3	2.0	1.1	1.4	1.6	2.0	.6	.7	.3	.5
291	Petroleum refining	-	1.3	-	1.0	-	1.5	-	.4	-	.3
295,9	Other petroleum and coal products	-	4.3	-	3.1	-	4.2	-	2.0	-	1.4
30	RUBBER AND PLASTICS PRODUCTS, N E C.	4.1	3.7	2.4	2.1	4.0	4.3	1.5	1.6	1.5	1.8
301	Tires and inner tubes	-	1.9	-	.8	-	1.8	-	.5	-	.4
302,3,6	Other rubber products	-	3.7	-	2.0	-	4.3	-	1.5	-	1.9
307	Miscellaneous plastics products	-	4.5	-	2.7	-	5.4	-	2.1	-	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	
		Feb. 1971 ^p	Jan. 1971	Feb. 1971 ^p	Jan. 1971	Feb. 1971 ^p	Jan. 1971	Feb. 1971 ^p	Jan. 1971	Feb. 1971 ^p	Jan. 1971
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	4.9	5.8	2.9	3.7	5.6	6.1	2.4	2.7	1.9	2.4
311	Leather tanning and finishing	-	3.8	-	2.8	-	6.3	-	1.9	-	3.0
314	Footwear, except rubber	-	5.3	-	3.7	-	5.8	-	2.7	-	2.0
	NONMANUFACTURING										
10	METAL MINING	2.6	2.5	1.8	1.8	3.3	3.2	1.3	1.7	.6	.5
101	Iron ores	-	1.7	-	.3	-	2.8	-	.5	-	1.2
102	Copper ores	-	2.9	-	2.3	-	2.9	-	1.8	-	.1
11,12	COAL MINING	1.9	2.2	1.7	1.8	1.5	1.8	.9	.9	.1	.2
12	Bituminous coal and lignite mining	2.0	2.2	1.7	1.9	1.5	1.7	.9	.9	.1	.1
	COMMUNICATION:										
481	Telephone communication	-	1.6	-	1.1	-	1.5	-	1.1	-	.1
482	Telegraph communication ²	-	2.2	-	2.0	-	2.7	-	1.4	-	.4

¹ Less than 0.05.² Data relate to all employees except messengers.

p= preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

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D-3: Labor turnover rates in manufacturing, 1959 to date
seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1959.....	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
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	3.9	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965.....	4.0	4.1	4.3	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966.....	4.9	5.0	5.3	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.6
1967.....	4.6	4.3	4.2	4.2	4.6	4.4	4.4	4.4	4.3	4.5	4.5	4.4
1968.....	4.5	4.6	4.3	4.7	4.7	4.4	4.7	4.7	4.6	4.8	4.8	4.9
1969.....	4.9	4.7	4.8	4.9	4.8	4.9	4.7	4.5	4.8	4.7	4.4	4.6
1970.....	4.2	4.3	3.9	4.0	4.2	4.0	4.1	4.1	3.8	3.6	3.7	3.8
1971.....	3.7	3.7p										
New hires												
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.4	2.4	2.7
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	2.2	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	3.0	3.0	3.1	3.1	3.2	3.5	3.7
1966.....	3.7	3.8	4.3	3.9	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967.....	3.5	3.3	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	3.3	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.5	3.7
1969.....	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.5	3.8	3.6	3.4	3.5
1970.....	3.3	3.1	3.0	2.8	2.7	2.7	2.8	2.9	2.7	2.4	2.3	2.3
1971.....	2.3	2.2p										
Total separations												
1959.....	3.6	3.6	3.6	3.8	3.8	3.9	4.0	4.2	4.2	5.1	4.7	4.1
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	4.1	3.9	4.0	4.0	4.2	4.2	4.3	4.2	4.3
1966.....	4.1	4.3	4.6	4.7	4.7	4.9	4.9	4.7	4.9	4.5	4.7	4.5
1967.....	4.6	4.8	5.1	4.7	4.6	4.7	4.4	4.3	4.6	4.5	4.5	4.1
1968.....	4.6	4.7	4.6	4.5	4.6	4.5	4.6	4.9	4.6	4.7	4.6	4.1
1969.....	4.7	4.8	4.9	4.9	5.0	5.0	4.9	5.0	4.8	5.0	4.8	4.5
1970.....	5.0	5.1	5.0	5.2	5.0	4.8	4.9	4.5	4.4	5.0	4.8	4.4
1971.....	4.4	4.2p										
Quits												
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
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	1.4	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	1.5	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.....	2.2	2.3	2.6	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.6	2.7
1967.....	2.5	2.4	2.4	2.3	2.3	2.4	2.2	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	2.7	2.8	2.8	2.7	2.8	2.6	2.7	2.6	2.5
1970.....	2.5	2.4	2.2	2.2	2.1	2.2	2.2	2.1	2.0	1.9	1.7	1.9
1971.....	1.6	1.7p										
Layoffs												
1959.....	1.8	1.7	1.7	1.7	1.6	1.7	1.9	2.0	2.0	2.9	2.5	1.9
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	1.9	1.9	2.0
1962.....	1.8	1.9	1.7	1.8	2.0	2.0	2.0	2.4	2.0	2.0	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	1.2	1.2	1.1	1.3	1.4	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.3	1.3	1.4
1970.....	1.5	1.7	1.8	2.0	1.9	1.9	1.6	1.8	1.9	2.2	2.0	1.8
1971.....	1.7	1.6p										

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	
Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	
ALABAMA:										
Birmingham	2.6	1.9	1.7	1.1	2.5	2.5	1.1	1.0	0.6	0.8
Mobile ¹	7.3	2.5	2.2	1.2	5.4	6.7	2.5	1.4	2.5	4.8
ALASKA	4.6	6.9	3.5	5.3	13.6	10.8	2.9	3.9	10.3	6.3
ARIZONA	4.3	2.7	3.1	2.0	5.9	5.3	2.0	1.6	2.0	2.8
Phoenix	3.6	2.2	2.5	1.6	5.6	5.3	1.7	1.4	1.8	3.0
ARKANSAS	6.2	3.4	4.1	2.5	5.8	5.4	3.0	2.0	2.0	2.7
Fort Smith	5.4	1.8	3.7	1.5	5.2	5.1	2.5	1.5	1.6	2.9
Little Rock-North Little Rock	6.9	2.4	4.1	2.2	6.3	6.2	3.1	2.0	1.9	3.0
Pine Bluff	2.0	2.9	1.4	1.4	2.8	7.4	1.9	1.8	.7	5.2
COLORADO	3.6	3.0	2.3	1.8	4.8	4.5	1.6	1.5	2.5	2.4
Denver	3.3	2.7	2.5	1.9	5.5	3.8	1.8	1.4	2.9	1.7
CONNECTICUT	2.4	2.0	1.3	1.0	3.4	3.3	1.1	.9	1.6	1.5
Hartford	1.7	1.6	1.1	.9	3.2	2.0	.9	.7	1.6	.6
DELAWARE ¹	1.9	1.6	.9	.9	2.7	1.9	.9	.6	.8	.6
Wilmington ¹	1.5	1.6	.7	1.0	2.2	2.2	.8	.7	.6	.7
DISTRICT OF COLUMBIA:										
Washington SMSA	(*)	1.8	(*)	1.6	(*)	2.0	(*)	1.2	(*)	.3
FLORIDA	5.6	4.6	4.5	3.7	5.5	5.3	3.2	2.6	1.4	1.8
Fort Lauderdale-Hollywood	(*)	4.7	(*)	3.7	(*)	5.3	(*)	2.6	(*)	2.0
Jacksonville	(*)	2.9	(*)	2.7	(*)	4.7	(*)	2.4	(*)	1.2
Miami	(*)	4.2	(*)	3.9	(*)	4.4	(*)	2.2	(*)	1.5
Orlando	(*)	6.7	(*)	3.6	(*)	3.7	(*)	1.6	(*)	1.4
Pensacola	(*)	.8	(*)	.8	(*)	1.4	(*)	.6	(*)	.6
Tampa-St. Petersburg	(*)	4.3	(*)	3.6	(*)	8.4	(*)	3.0	(*)	4.3
West Palm Beach	(*)	5.5	(*)	4.6	(*)	6.4	(*)	2.6	(*)	2.4
GEORGIA	3.9	2.6	3.0	1.9	4.5	3.8	2.8	2.2	.8	.9
Atlanta ²	3.1	2.2	2.5	1.7	4.0	4.1	2.2	2.0	1.0	1.3
HAWAII ³	2.4	1.8	1.2	1.1	2.8	2.6	1.2	1.0	1.0	1.2
IDAHO ⁴	6.0	3.6	3.9	1.7	5.6	5.7	1.7	1.9	2.9	3.4
ILLINOIS:										
Chicago	2.9	2.1	2.1	1.5	4.6	3.7	1.6	1.4	1.8	1.5
INDIANA ¹	3.1	2.1	1.4	.9	3.5	3.5	1.0	.7	1.7	2.1
Indianapolis ⁵	2.4	1.2	1.0	.5	3.0	2.3	.7	.5	1.4	1.3
IOWA	2.8	1.9	1.3	1.1	4.3	4.2	1.0	1.0	2.7	2.7
Cedar Rapids	2.5	2.2	.7	1.3	6.4	4.2	.9	1.0	4.3	2.8
Des Moines	3.6	2.1	2.3	1.3	4.0	3.3	2.0	1.4	1.1	.9
KANSAS	2.9	2.5	1.9	1.5	4.2	3.2	1.2	1.0	2.3	1.6
Topeka	2.8	3.1	2.3	2.0	2.4	1.4	1.2	1.1	.3	.1
Wichita	2.2	1.4	.9	.7	5.0	3.8	.8	.7	3.8	2.6
KENTUCKY	3.8	2.2	1.6	1.2	4.2	3.4	1.3	1.2	1.7	1.4
Louisville	2.8	1.4	1.2	.8	3.4	3.2	1.0	.8	.6	1.1
LOUISIANA:										
New Orleans	3.7	2.9	2.5	2.0	3.9	5.2	1.3	.9	1.3	3.0
MAINE	5.8	4.4	3.5	2.7	6.9	5.7	2.2	1.9	3.4	2.6
Portland	3.3	1.9	2.1	.9	3.4	2.9	1.5	1.3	1.0	1.1
MARYLAND	2.9	2.0	1.6	1.3	3.7	3.3	1.2	1.1	1.8	1.5
Baltimore	3.0	2.0	1.6	1.2	3.4	3.3	1.2	1.1	1.5	1.6

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	
Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	
MASSACHUSETTS.....	3.1	2.1	1.9	1.2	4.6	4.2	1.4	1.2	2.3	2.3
Boston.....	3.3	2.3	1.9	1.3	4.1	4.0	1.4	1.1	1.6	2.2
MICHIGAN.....	2.9	2.2	1.3	.8	3.8	4.7	.8	.6	2.2	3.2
Detroit.....	2.8	2.0	1.1	.7	4.1	5.4	.8	.7	2.3	3.8
MINNESOTA.....	3.1	2.9	1.5	1.4	4.0	4.3	1.2	1.2	2.1	2.4
Minneapolis-St. Paul.....	3.0	2.5	1.4	1.1	3.6	4.2	1.1	1.0	1.9	2.4
MISSISSIPPI:										
Jackson.....	4.7	2.4	3.7	2.1	4.2	4.8	2.2	1.9	1.2	2.0
MISSOURI.....	2.5	2.0	1.5	1.2	4.4	3.3	1.2	1.1	2.4	1.6
Kansas City.....	2.3	1.8	1.6	1.2	5.0	3.6	1.4	1.2	2.8	1.8
St. Louis.....	2.2	2.0	1.2	1.0	3.5	2.6	.8	.6	1.9	1.3
MONTANA.....	3.4	2.2	2.5	1.9	4.5	4.1	1.5	1.3	2.4	2.0
NEBRASKA.....	3.0	2.7	2.0	2.2	3.1	3.8	1.7	1.6	.9	1.5
NEVADA.....	3.4	4.3	1.9	3.7	5.4	4.0	2.0	1.2	2.2	.8
NEW HAMPSHIRE.....	(*)	3.4	(*)	2.3	(*)	4.0	(*)	1.9	(*)	1.5
NEW JERSEY:										
Camden ⁶	(*)	2.4	(*)	1.3	(*)	2.9	(*)	.9	(*)	1.2
Jersey City.....	(*)	1.8	(*)	1.1	(*)	3.3	(*)	.9	(*)	1.9
Newark.....	(*)	1.8	(*)	1.4	(*)	2.9	(*)	1.0	(*)	1.2
Paterson-Clifton-Passaic.....	(*)	1.8	(*)	1.3	(*)	4.5	(*)	1.1	(*)	2.6
Perth Amboy.....	(*)	2.0	(*)	1.2	(*)	3.7	(*)	1.1	(*)	1.7
Trenton.....	(*)	1.7	(*)	1.1	(*)	2.7	(*)	.8	(*)	1.4
NEW YORK.....	3.5	2.3	2.0	1.3	4.4	5.1	1.3	1.0	2.2	3.4
Albany-Schenectady-Troy.....	2.3	2.2	1.5	1.3	2.6	2.3	1.2	.8	.6	.8
Binghamton.....	1.6	1.0	.9	.5	2.7	2.6	.8	.6	1.2	1.3
Buffalo.....	3.2	1.7	1.4	.6	3.3	3.2	.7	.5	2.0	2.1
Elmira.....	2.9	1.6	1.3	.9	6.6	2.5	.8	.5	5.0	1.2
Monroe County ⁷	1.5	1.2	1.0	.7	2.7	3.9	.8	.5	.9	2.8
Nassau and Suffolk Counties ⁸	3.9	2.5	2.5	1.8	4.4	4.4	1.8	1.4	1.8	2.3
New York SMSA.....	4.6	2.9	2.6	1.7	5.5	6.5	1.7	1.3	2.9	4.4
New York City ⁸	4.8	3.1	2.7	1.7	6.0	7.0	1.7	1.3	3.3	4.9
Rochester.....	1.6	1.3	1.1	.8	3.2	4.4	.8	.6	1.3	3.3
Syracuse.....	2.0	1.3	.8	.7	2.4	3.0	1.0	.7	.9	1.8
Utica-Rome.....	3.0	1.6	1.0	1.0	3.6	3.7	.9	.7	2.1	2.6
Westchester County ⁸	3.8	1.8	2.3	1.3	3.4	4.8	1.5	1.2	1.2	2.8
NORTH CAROLINA.....	4.1	2.4	3.3	1.9	4.1	3.3	2.7	2.0	.6	.7
Charlotte.....	3.1	2.0	2.6	1.8	3.9	3.9	2.5	2.3	.6	1.2
Greensboro-Winston-Salem-High Point.....	3.3	2.0	2.9	1.7	3.1	2.7	2.1	1.7	.2	.4
NORTH DAKOTA.....	4.4	3.0	3.3	2.7	4.7	7.6	1.8	2.4	1.9	4.0
Fargo-Moorhead.....	2.5	2.9	2.1	2.4	5.6	6.9	2.0	1.4	2.5	4.8
OHIO.....	2.7	3.5	1.2	.8	3.6	3.2	.8	.7	2.0	1.8
Akron.....	1.7	1.4	.9	.5	2.3	2.5	.8	.5	1.0	1.5
Canton.....	5.6	3.1	1.1	.9	4.2	3.7	.8	.7	2.5	2.1
Cincinnati.....	2.0	1.7	.9	.9	4.3	3.4	1.1	.6	2.4	2.1
Cleveland.....	2.7	2.0	1.3	.9	3.1	3.4	.8	.8	1.6	1.9
Columbus.....	2.9	1.7	1.7	1.0	4.4	3.0	1.2	1.0	2.3	1.5
Dayton.....	1.5	11.5	.7	.4	4.0	3.4	.6	.4	2.8	2.2
Toledo.....	2.1	1.8	.8	.8	3.4	3.5	.7	.7	1.8	1.8
Youngstown-Warren.....	3.1	10.7	1.3	1.0	3.3	3.0	.5	.6	1.4	1.7
OKLAHOMA:										
Oklahoma City.....	4.5	4.4	3.4	3.1	4.9	4.4	2.9	2.1	1.2	1.7
Tulsa ⁹	4.1	2.9	3.7	2.4	4.6	4.2	1.9	1.8	1.7	1.3
OREGON ¹	4.0	2.1	2.0	1.4	4.4	5.9	1.3	1.2	2.6	4.1
Portland ¹	3.6	2.0	1.9	1.2	4.5	3.7	1.2	1.0	2.7	2.1

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	
	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970	Jan. 1971 P	Dec. 1970
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.0	1.5	1.5	0.8	4.1	2.7	1.1	0.9	2.2	1.2
Altoona	4.5	2.3	3.1	1.5	3.4	6.9	2.2	1.6	.9	4.9
Erie	4.8	2.8	1.9	1.2	5.9	6.9	1.6	1.2	3.3	5.1
Harrisburg	3.4	1.5	1.5	.8	4.0	2.1	1.1	.9	2.1	.7
Johnstown	7.0	4.0	.4	.3	3.4	4.1	.7	.6	1.3	3.3
Lancaster	2.9	1.7	2.0	1.2	3.7	4.2	2.2	1.6	1.8	1.9
Philadelphia	2.6	2.3	1.4	1.2	3.5	3.5	1.0	.9	1.7	1.9
Pittsburgh	2.8	2.0	.8	.4	2.9	3.3	.5	.4	1.7	2.3
Reading	3.8	2.2	2.4	1.4	4.2	3.3	1.5	1.1	1.7	1.5
Scranton	3.5	3.1	1.5	1.3	6.0	4.4	1.1	.9	4.1	3.0
Wilkes-Barre-Hazleton	3.8	2.5	1.7	1.2	4.2	4.5	1.3	1.1	2.2	2.9
York	3.9	2.5	2.6	1.9	4.1	3.1	1.8	1.4	1.5	1.2
RHODE ISLAND										
Providence-Pawtucket-Warwick	4.5	2.5	2.6	1.6	6.0	5.3	1.9	1.6	3.3	2.9
SOUTH CAROLINA:										
Greenville	4.1	2.7	3.4	2.2	4.5	3.7	2.8	2.3	.7	.7
SOUTH DAKOTA										
Sioux Falls	3.9	2.2	1.6	1.2	4.2	5.3	1.1	1.4	2.6	3.6
TENNESSEE:										
Memphis	6.2	4.0	1.0	.4	4.4	7.0	.6	1.1	3.5	5.5
TEXAS:										
Dallas	4.0	2.5	2.1	1.6	4.3	5.8	1.6	1.4	1.8	3.6
Fort Worth	3.0	1.9	2.4	1.7	4.1	4.4	2.1	1.5	1.4	2.1
Houston	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
San Antonio	3.3	2.0	2.9	1.7	3.5	2.7	1.9	1.5	.5	.4
UTAH ⁴										
Salt Lake City ⁴	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH ⁴										
Salt Lake City ⁴	6.4	2.7	2.0	1.8	5.6	6.7	1.5	1.8	3.4	4.4
VERMONT										
Burlington	4.5	2.5	2.1	2.0	4.3	4.0	1.7	2.4	2.0	1.1
Springfield	2.3	1.9	1.4	1.4	3.9	3.2	1.1	.9	2.1	1.6
VIRGINIA										
Richmond	1.2	1.1	.7	.7	2.6	2.0	1.2	1.1	.9	.7
WASHINGTON:										
Seattle-Everett ¹⁰	1.9	1.7	.9	1.4	7.1	6.7	1.2	.9	4.6	4.8
WEST VIRGINIA:										
Charleston	3.8	2.7	2.5	1.8	4.2	3.4	2.0	1.5	1.5	1.3
WASHINGTON:										
Seattle-Everett ¹⁰	4.4	3.0	2.8	2.3	5.2	3.7	2.1	1.5	2.4	1.5
WEST VIRGINIA:										
Charleston	2.5	1.3	1.2	.6	5.8	4.2	.7	.7	2.6	3.2
WISCONSIN										
Milwaukee . . . . .	.5	.1	.2	.1	2.1	.5	.3	.2	1.4	.1
WYOMING										
	(*)	2.0	(*)	.9	(*)	3.4	(*)	.7	(*)	2.1
	(*)	2.3	(*)	1.0	(*)	2.9	(*)	.8	(*)	1.4
	2.4	2.8	2.1	2.3	4.6	8.2	1.8	2.1	2.3	5.3

¹ Excludes canning and preserving.

² Excludes agricultural chemicals and miscellaneous manufacturing.

³ Excludes canned fruits, vegetables, preserves, jams and jellies.

⁴ Excludes canning and preserving, and sugar.

⁵ Excludes canning and preserving, and newspapers.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁷ Subarea of Rochester Standard Metropolitan Statistical Area.

⁸ Subarea of New York Standard Metropolitan Statistical Area.

⁹ Excludes new-hire rate for transportation equipment.

¹⁰ Excludes canning and preserving, printing and publishing.

* Not available.

p = 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												
Job vacancy rates ¹													
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												
Number of long-term job vacancies ² (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												
Long-term job vacancy rates ²													
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 Computed by dividing the number of vacancies by the sum of employment plus vacancies and multiplying that quotient by 100.
² Long-term job vacancies are those vacancies that have remained unfiled 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.

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

Industry division and group	1971	1970											
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
Job vacancy rates ¹													
Manufacturing	0.4	0.4	0.4	0.5	0.6	0.7	0.6	0.6	0.8	0.8	0.8	0.8	0.9
Durable goods .....	.4	.3	.3	.4	.5	.6	.6	.6	.7	.7	.8	.8	.9
Nondurable goods .....	.5	.5	.5	.6	.7	.8	.7	.7	.9	.9	.9	.8	.9
Selected durable goods industries:													
Primary metal industries .....	.3	.2	.2	.3	.4	.6	.4	.5	.6	.7	.6	.6	.8
Machinery, except electrical .....	.4	.4	.4	.4	.5	.6	.5	.6	.8	.9	1.0	1.0	1.2
Electrical equipment and supplies .....	.4	.4	.3	.4	.6	.7	.6	.6	.8	.8	.9	1.1	1.1
Transportation equipment .....	.4	.4	.4	.4	.4	.6	.5	.5	.6	.5	.7	.6	.8
Instruments and related products .....	.6	.5	.4	.6	.7	.7	.6	.7	1.1	1.4	1.7	1.7	1.6
Selected nondurable goods industries:													
Textile mill products .....	.7	.6	.6	.8	1.0	1.0	.9	.8	1.1	1.1	1.0	.9	.9
Apparel and other textile products	1.2	1.1	1.1	1.1	1.4	1.5	1.4	1.4	1.5	1.5	1.6	1.6	1.6
Printing and publishing .....	.4	.3	.4	.4	.5	.6	.5	.5	.6	.7	.7	.7	.8
Chemicals and allied products .....	.4	.4	.4	.4	.6	.6	.6	.7	.8	.8	1.0	.9	.9
Long-term job vacancy rates ²													
Manufacturing	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4
Durable goods .....	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3	.3	.4
Nondurable goods .....	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.4
Selected durable goods industries:													
Primary metal industries .....	.1	.1	.1	.1	.1	.1	.2	.1	.2	.3	.2	.2	.3
Machinery, except electrical .....	.1	.1	.1	.2	.2	.2	.2	.2	.3	.4	.4	.5	.5
Electrical equipment and supplies .....	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.3	.3	.4
Transportation equipment .....	.1	.1	.2	.1	.1	.2	.2	.1	.2	.2	.3	.2	.3
Instruments and related products .....	.1	.1	.1	.1	.1	.2	.2	.2	.4	.6	.9	.8	.6
Selected nondurable goods industries:													
Textile mill products .....	.2	.1	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3
Apparel and other textile products .....	.6	.6	.6	.6	.7	.8	.7	.8	.8	.8	.8	.8	.8
Printing and publishing .....	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.2	.3
Chemicals and allied products .....	.1	.2	.2	.2	.2	.2	.3	.3	.4	.4	.4	.3	.4
Long-term job vacancies as a percent of job vacancies ³													
Manufacturing	34	38	40	35	32	31	35	36	37	38	40	41	41
Durable goods	29	36	37	34	30	30	33	33	35	37	40	40	41
Nondurable goods	38	41	42	37	34	33	38	40	39	39	41	42	41
Selected durable goods industries:													
Primary metal industries	21	29	34	44	31	27	36	29	39	37	39	41	40
Machinery, except electrical	35	40	39	40	38	37	42	38	42	42	46	47	46
Electrical equipment and supplies	26	26	30	27	24	25	22	22	27	28	30	32	36
Transportation equipment	25	38	40	34	31	32	37	30	28	41	39	37	38
Instruments and related products	20	25	28	21	20	24	23	34	39	41	51	49	36
Selected nondurable goods industries:													
Textile mill products	23	24	25	23	22	21	24	29	28	26	29	31	30
Apparel and other textile products	52	52	56	51	51	50	52	55	53	54	54	52	52
Printing and publishing	20	26	23	23	22	21	27	32	30	33	38	36	35
Chemicals and allied products	35	45	51	49	38	31	45	43	48	49	42	40	48

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

³ Percentages are computed using unrounded rates.

ESTABLISHMENT DATA NATIONAL AND AREA JOB VACANCY

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

Industry division and group	1971	1970											
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
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	46.9	48.5	46.6	49.1	48.8	51.5	51.0	52.1	53.7	54.8	56.9	58.9	60.3
Primary metal industries	4.1	4.1	3.8	3.5	5.0	5.5	4.5	5.3	5.6	6.2	4.6	4.4	5.6
Machinery, except electrical	8.4	8.9	9.1	8.6	8.5	8.1	8.4	10.5	10.6	11.3	12.2	12.6	12.9
Electrical equipment and supplies	8.5	9.0	8.4	9.0	9.3	9.8	10.0	9.1	9.7	10.0	10.9	12.5	12.1
Transportation equipment	7.9	8.6	7.5	7.0	5.9	7.2	6.6	7.0	7.2	6.3	8.3	7.1	8.5
Instruments and related products	3.1	2.6	2.4	3.1	2.5	2.4	2.4	2.6	3.6	4.4	5.0	4.9	4.1
Other durable goods industries	14.9	15.3	15.4	17.9	17.5	18.6	19.3	17.6	16.9	16.5	15.8	17.4	17.2
Nondurable goods	53.1	51.5	53.4	50.9	51.2	48.5	49.0	47.9	46.3	45.2	43.1	41.1	39.7
Textile mill products	7.9	7.7	8.1	8.1	8.1	7.1	6.9	6.7	6.8	7.0	6.0	5.1	4.5
Apparel and other textile products	21.0	20.4	20.7	17.2	16.3	15.7	15.0	16.6	14.3	13.2	13.4	13.6	12.1
Printing and publishing	6.0	4.1	5.2	5.2	4.6	5.1	4.4	4.3	4.4	5.0	4.7	4.5	5.1
Chemicals and allied products	4.9	6.1	5.4	4.6	5.2	4.9	5.3	6.0	5.4	5.6	5.9	5.6	5.2
Other nondurable goods industries	13.3	13.2	14.0	15.9	17.0	15.7	17.4	14.3	15.3	14.4	13.2	12.2	12.9

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

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total ¹		Long-term ²			Total ¹		Long-term ²	
	Jan. 1971 ^P	Dec. 1970	Jan. 1971 ^P	Dec. 1970		Jan. 1971 ^P	Dec. 1970	Jan. 1971 ^P	Dec. 1970
United States ³	0.4	0.4	0.1	0.2	Areas—Continued				
Albany-Schenectady-Troy, N. Y.	.4	.5	.2	.3	Minneapolis-St. Paul, Minn.	.3	.3	*	.1
Atlanta, Ga.	.2	.3	.1	*	New Orleans, La.	.2	.4	.1	.3
Baltimore, Md.	.4	.4	.1	.2	Newark, N. J.	.4	.3	.1	.1
Boston, Mass.	.9	.9	.2	.3	New York, N. Y.	.4	.4	.1	.2
Buffalo, N. Y.	.4	.3	.1	.1	Oklahoma City, Okla.	.7	.4	*	*
Cedar Rapids, Iowa	.4	.4	*	*	Paterson-Clifton-Passaic, N. J.	.3	.2	.1	.1
Dallas, Tex.	.5	.4	.2	.3	Perth Amboy, N. J.	.5	.5	.2	.3
Denver, Colo.	.3	.4	.1	.2	Philadelphia, Pa.	.4	.4	.1	.1
Des Moines, Iowa	.4	.4	*	.1	Phoenix, Ariz.	.4	.1	.1	*
Detroit, Mich.	.2	.1	*	.1	Portland, Oreg.	.3	.2	.1	*
Greensboro-Winston-Salem-High Point, N. C.	.7	.9	.2	.3	Providence-Pawtucket-Warwick, R. I.	.3	.3	.1	.1
Houston, Tex.	.9	.8	.5	.4	Richmond, Va.	.3	.4	.2	.2
Jersey City, N. J.	.4	.2	.1	.1	Salt Lake City, Utah	.2	.2	.1	*
Kansas City, Mo.	.2	.3	.1	.1	St. Louis, Mo.	.2	.2	.1	.1
Little Rock-North Little Rock, Ark.	.3	.3	*	.2	Syracuse, N. Y.	.3	.2	*	.1
Miami, Fla.	.4	.5	.1	.2	Tampa-St. Petersburg, Fla.	.3	.6	.1	.1
Milwaukee, Wis.	.4	.3	.1	.1	Wichita, Kans.	.2	.5	.1	.1

¹ See footnote 1, table E-1.

² See footnote 2, table E-1.

³ Based on a nationwide sample which includes metropolitan areas not shown in the table as well as nonmetropolitan areas.

^P preliminary.

* Less than 0.05

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)		
	Mar. 1971	Feb. 1971	Mar. 1970	Change to March 1971 from ¹		Mar. 1971	Feb. 1971	Mar. 1970
				Feb. 1971	Mar. 1970			
TOTAL ²	2,634.3	**2,743.5	1,808.1	-109.3	+826.1	4.9	5.2	3.5
SEASONALLY ADJUSTED	2,072.6	**1,979.7	1,425.9	+93.0	+646.7	3.9	3.7	2.7
Alabama	26.5	27.4	19.9	-.9	+6.7	3.7	3.9	2.9
Alaska*	8.6	7.8	6.0	+.8	+2.5	15.5	14.1	12.1
Arizona	14.5	15.4	7.7	-.9	+6.8	3.7	4.0	2.2
Arkansas	21.6	23.2	18.6	-1.7	+2.9	5.4	5.8	4.7
California*	371.3	351.9	268.9	+19.4	+102.4	7.0	6.6	5.2
Colorado	10.1	9.4	7.6	+.8	+2.6	2.0	1.9	1.6
Connecticut*	78.1	79.5	37.0	-1.5	+41.1	7.6	7.7	3.8
Delaware	6.2	6.8	3.8	-.6	+2.4	3.6	4.0	2.3
District of Columbia	8.0	8.5	5.9	-.5	+2.2	2.3	2.4	1.7
Florida	39.8	40.9	24.3	-1.1	+15.6	2.6	2.7	1.7
Georgia	25.4	25.9	17.4	-.4	+8.0	2.3	2.3	1.6
Hawaii	9.0	10.0	5.2	-1.0	+3.7	3.5	4.0	2.3
Idaho*	9.3	9.9	7.7	-.5	+1.7	6.1	6.4	5.2
Illinois	129.0	130.6	79.9	-1.6	+49.1	4.0	4.0	2.5
Indiana	54.7	61.3	36.6	-6.6	+18.1	3.8	4.3	2.6
Iowa	23.3	25.1	15.9	-1.8	+7.4	4.0	4.3	2.8
Kansas	24.9	24.7	14.6	+.2	+10.3	5.6	5.6	3.3
Kentucky	31.2	32.8	24.8	-1.6	+6.4	5.0	5.3	4.1
Louisiana	32.2	34.3	31.8	-2.1	+.4	4.4	4.7	4.4
Maine	18.4	18.0	11.0	+.4	+7.3	8.2	8.0	4.9
Maryland	37.7	38.6	25.6	-.9	+12.1	4.0	4.1	2.8
Massachusetts*	119.0	122.3	74.6	-3.4	+44.4	6.8	7.0	4.3
Michigan*	158.4	**164.9	126.1	-6.5	+32.2	6.5	**6.7	5.2
Minnesota	52.1	51.8	31.3	+.3	+20.9	5.3	5.3	3.3
Mississippi	14.0	15.1	12.8	-1.1	+1.2	3.6	3.9	3.4
Missouri	60.8	70.5	40.3	-9.8	+20.5	5.1	5.9	3.4
Montana	8.7	9.1	8.5	-.5	+.1	6.9	7.3	6.9
Nebraska	10.5	10.8	6.6	-.3	+3.9	3.4	3.5	2.3
Nevada	8.3	9.3	6.8	-1.0	+1.5	5.2	5.8	4.7
New Hampshire*	8.8	8.9	4.1	-.2	+4.6	4.4	4.5	2.1
New Jersey*	135.0	140.9	88.8	-5.9	+46.2	6.5	6.8	4.6
New Mexico	10.3	10.4	7.9	-.2	+2.4	5.5	5.6	4.4
New York*	292.6	314.9	195.6	-22.3	+96.9	5.1	5.5	3.5
North Carolina	44.1	49.0	32.4	-4.9	+11.8	3.3	3.6	2.5
North Dakota	6.4	6.7	4.5	-.2	+2.0	7.6	7.9	5.5
Ohio	115.4	124.9	69.7	-9.5	+45.7	3.9	4.2	2.4
Oklahoma	21.8	22.0	15.4	-.2	+6.4	4.4	4.5	3.2
Oregon*	41.3	41.0	33.4	+.3	+8.0	7.6	7.5	6.3
Pennsylvania*	159.3	**169.2	99.6	-9.8	+59.7	4.7	**4.9	3.0
Puerto Rico*	38.3	40.9	30.9	-2.6	+7.5	9.7	10.0	8.3
Rhode Island*	20.0	21.0	13.1	-1.0	+6.9	7.1	7.5	4.7
South Carolina	21.5	22.6	14.1	-1.1	+7.4	3.5	3.7	2.3
South Dakota	3.7	3.8	2.7	-.1	+1.0	3.9	4.0	2.9
Tennessee	47.8	50.8	35.3	-2.9	+12.5	5.0	5.3	3.7
Texas	54.8	58.7	37.1	-3.9	+17.6	2.1	2.3	1.5
Utah	11.7	11.2	9.4	+.5	+2.3	5.3	5.1	4.3
Vermont*	7.9	8.1	4.3	-.3	+3.6	7.6	7.9	4.2
Virginia	19.6	19.1	13.9	+.5	+5.7	1.9	1.9	1.4
Washington*	82.5	88.6	63.4	-6.1	+19.2	10.2	10.9	7.7
West Virginia	17.8	21.6	14.9	-3.8	+2.9	5.0	6.0	4.2
Wisconsin	59.8	70.9	38.8	-11.1	+20.9	5.1	6.1	3.4
Wyoming	2.5	2.6	1.8	-.1	+.7	3.5	3.6	2.6

¹ Based on unrounded data; changes of less than 50 not shown.

² 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.

* Excludes insured unemployment under extended duration provisions of regular State laws.

** Revised.

F-2: Insured unemployment¹ in 150 major labor areas²

(In thousands, for week including the 12th of the month)

State and area	Mar. 1971	Mar. 1970	State and area	Mar. 1971	Mar. 1970	State and area	Mar. 1971	Mar. 1970	State and area	Mar. 1971	Mar. 1970
ALABAMA			INDIANA			NEW HAMPSHIRE*			Pennsylvania--		
Birmingham.....	5.1	3.5	Evansville.....	2.0	2.0	Manchester.....	1.7	.9	continued		
Mobile.....	3.2	2.2	Ft. Wayne.....	2.5	1.7				York.....	3.5	1.5
			Gary-Hammond..	4.2	2.8						
			Indianapolis....	11.3	6.0	NEW JERSEY*			PUERTO RICO*		
ARIZONA			South Bend.....	3.7	2.4	Atlantic City....	5.7	4.5	Mayaguez.....	2.0	1.8
Phoenix.....	15.9	4.5	Terre Haute.....	2.2	1.4	Jersey City.....	18.0	11.6	Ponce.....	2.2	2.5
						New Brunswick..	12.9	7.5	San Juan.....	6.9	5.8
			IOWA			Paterson.....	26.9	17.5			
ARKANSAS			Cedar Rapids....	2.1	1.0	Trenton.....	3.6	2.9			
Little Rock.....	1.8	1.2	Des Moines.....	1.9	1.3				RHODE ISLAND*		
									Providence.....	22.9	13.7
			KANSAS			NEW MEXICO					
CALIFORNIA*			Wichita.....	9.1	6.6	Albuquerque....	3.6	2.6			
Anaheim-S. Ana-									SOUTH CAROLINA		
Garden Grove..	24.9	15.2	KENTUCKY			NEW YORK*			Charleston.....	2.2	1.2
Fresno.....	8.4	8.0	Louisville.....	9.7	5.2	Albany.....	8.5	6.9	Greenville.....	3.2	1.4
Los Angeles....	156.8	101.0				Binghamton....	5.5	2.7			
Sacramento.....	13.1	12.6	LOUISIANA			Buffalo.....	24.6	15.3			
San Bernardino..	16.5	10.8	Baton Rouge....	2.2	2.0	New York.....	184.1	121.2			
San Diego.....	20.7	14.2	New Orleans....	8.4	7.7	Rochester.....	14.4	7.8	TENNESSEE		
San Francisco..	55.9	40.5	Shreveport.....	2.8	2.0	Syracuse.....	9.3	6.5	Chattanooga....	2.8	2.3
San Jose.....	20.7	13.9				Utica.....	7.5	5.8	Knoxville.....	4.6	3.8
Stockton.....	7.7	7.5	MAINE						Memphis.....	7.9	4.6
			Portland.....	1.7	1.0	NORTH CAROLINA			Nashville.....	5.4	4.1
COLORADO						Asheville.....	1.7	1.2			
Denver.....	6.0	3.9	MARYLAND			Charlotte.....	2.2	1.5	TEXAS		
			Baltimore.....	24.4	16.8	Durham.....	.9	.7	Austin.....	.6	.5
						Greensboro....			Beaumont.....	3.1	1.9
CONNECTICUT*			MASSACHUSETTS*			Winston-Salem..	4.7	3.2	Corpus Christi..	1.0	1.1
Bridgeport.....	12.2	5.6	Boston.....	49.8	30.2				Dallas.....	10.1	4.3
Hartford.....	15.3	6.4	Brockton.....	3.9	2.5	OHIO			El Paso.....	2.0	2.0
New Britain....	4.4	1.6	Fall River.....	4.3	3.9	Akron.....	7.8	4.4	Ft. Worth.....	6.7	2.2
New Haven.....	9.1	4.6	Lawrence.....	7.2	4.3	Canton.....	3.6	3.3	Houston.....	6.3	3.2
Stamford.....	3.9	1.6	Lowell.....	5.0	3.0	Cincinnati.....	14.6	8.2	San Antonio....	3.3	2.3
Waterbury.....	7.1	4.6	New Bedford....	6.3	4.6	Cleveland.....	22.7	11.0			
			Springfield....	12.2	7.2	Columbus.....	7.3	4.9	UTAH		
DELAWARE			Worcester.....	6.8	3.9	Dayton.....	11.4	4.3	Salt Lake City..	5.6	4.4
Wilmington.....	5.9	3.6				Hamilton.....	3.3	1.7			
			MICHIGAN*			Lorain.....	2.7	1.7	VIRGINIA		
DIST. OF COL.			Battle Creek....	3.0	2.4	Steuersville...	1.0	.9	Hampton.....	1.4	1.3
Washington.....	14.0	9.5	Detroit.....	79.8	57.3	Toledo.....	7.2	5.2	Norfolk.....	2.8	2.0
			Flint.....	5.7	5.6	Youngstown....	5.5	4.1	Richmond.....	1.6	.5
			Grand Rapids...	11.9	9.3				Roanoke.....	.6	.4
FLORIDA			Kalamazoo.....	3.3	1.8	OKLAHOMA					
Jacksonville....	1.0	1.0	Lansing.....	4.7	3.5	Oklahoma City..	3.8	2.1	WASHINGTON*		
Miami.....	11.6	7.2	Muskegon.....	3.6	2.3	Tulsa.....	4.7	3.3	Seattle.....	43.4	31.1
Tampa.....	5.9	3.3	Saginaw.....	2.2	1.8				Spokane.....	6.1	4.2
						OREGON*			Tacoma.....	7.9	6.3
			MINNESOTA			Portland.....	18.2	12.9			
GEORGIA			Duluth.....	3.1	2.2				WEST VIRGINIA		
Atlanta.....	7.9	4.6	Minneapolis....	25.0	10.0	PENNSYLVANIA*			Charleston.....	2.4	1.8
Augusta.....	2.4	1.3				Allentown.....	7.5	3.0	Huntington.....	3.1	2.9
Columbus.....	1.2	1.2	MISSISSIPPI			Altoona.....	2.3	1.3	Wheeling.....	1.8	1.6
Macon.....	1.1	1.1	Jackson.....	1.2	1.4	Erie.....	3.5	2.2			
Savannah.....	1.3	.9				Harrisburg.....	3.0	2.0	WISCONSIN		
			MISSOURI			Johnstown.....	4.3	3.3	Kenosha.....	1.6	1.0
HAWAII			Kansas City....	14.8	7.0	Lancaster.....	2.8	1.4	Madison.....	2.5	1.6
Honolulu.....	6.8	3.6	St. Louis.....	34.9	25.8	Philadelphia...	66.9	39.1	Milwaukee.....	19.7	9.6
						Pittsburgh.....	28.2	19.5	Racine.....	3.0	1.7
			ILLINOIS			Reading.....	3.7	1.7			
Chicago.....	74.3	39.7	Chicago.....	74.3	39.7	Scranton.....	6.2	4.9			
Davenport.....	4.2	3.0	Peoria.....	3.5	2.2	Wilkes-Barre..	8.4	5.7			
Peoria.....	3.5	2.2	Rockford.....	4.1	2.3						
Rockford.....	4.1	2.3	NEBRASKA								
			Omaha.....	4.5	2.7						

¹Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs.²For full name of labor area, see Area Trends in Employment and Unemployment published by the Manpower Administration.

*Excludes insured unemployed under extended duration provisions of regular State laws.

**Revised.

QUARTERLY AVERAGES

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* Publication of tables 9 and 10 is being delayed as a result of technical problems. These tables will be published in a subsequent issue.

**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			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Total													
Total labor force	85,233	86,504	85,951	85,757	85,670	85,019	84,573	83,879	83,529	82,671	82,427	82,251	81,692
Civilian labor force	83,585	83,460	82,819	82,531	82,322	81,532	81,042	80,358	80,044	79,131	78,838	78,715	78,218
Employed	78,626	78,568	78,521	78,595	78,898	78,575	78,113	77,578	77,361	76,420	76,046	75,905	75,321
Agriculture	3,380	3,351	3,460	3,558	3,485	3,445	3,566	3,684	3,754	3,713	3,756	3,851	3,978
Nonagricultural industries	75,246	75,217	75,061	75,037	75,413	75,130	74,547	73,894	73,607	72,707	72,290	72,054	71,343
On part time for economic reasons	2,466	2,452	2,214	2,230	1,905	1,899	1,875	1,744	1,704	1,712	1,735	1,715	1,698
Usually work full time	1,282	1,326	1,182	1,253	1,065	1,036	983	913	889	897	943	903	837
Usually work part time	1,184	1,126	1,032	977	840	863	892	831	815	815	792	812	861
Unemployed	4,960	4,892	4,298	3,936	3,424	2,957	2,929	2,780	2,683	2,711	2,792	2,810	2,897
Men, 20 years and over													
Total labor force	49,960	50,159	50,014	49,966	49,782	49,595	49,516	49,293	49,236	49,023	48,994	48,764	48,524
Civilian labor force	47,382	47,514	47,296	47,173	46,902	46,591	46,460	46,198	46,171	45,949	45,893	45,804	45,732
Employed	45,358	45,476	45,503	45,606	45,622	45,537	45,441	45,279	45,279	45,019	44,910	44,816	44,681
Agriculture	2,407	2,458	2,541	2,594	2,508	2,523	2,635	2,675	2,713	2,740	2,780	2,833	2,917
Nonagricultural industries	42,951	43,018	42,962	43,012	43,114	43,014	42,806	42,604	42,566	42,279	42,130	41,983	41,764
Unemployed	2,024	2,038	1,793	1,567	1,280	1,054	1,019	919	892	930	983	988	1,051
Women, 20 years and over													
Civilian labor force	28,698	28,581	28,353	28,110	28,118	27,770	27,600	27,231	27,085	26,605	26,310	26,227	25,953
Employed	27,067	27,013	26,957	26,813	26,968	26,743	26,559	26,216	26,109	25,641	25,333	25,257	24,928
Agriculture	545	521	535	566	585	563	563	610	658	619	581	607	640
Nonagricultural industries	26,522	26,492	26,422	26,247	26,383	26,180	25,996	25,606	25,451	25,022	24,752	24,650	24,288
Unemployed	1,631	1,568	1,396	1,297	1,150	1,027	1,041	1,015	976	964	977	970	1,025
Both sexes, 16-19 years													
Civilian labor force	7,506	7,365	7,170	7,248	7,302	7,171	6,982	6,929	6,788	6,577	6,635	6,684	6,533
Employed	6,201	6,079	6,061	6,176	6,308	6,295	6,113	6,083	5,973	5,760	5,803	5,832	5,712
Agriculture	428	372	384	398	392	359	368	399	383	354	395	411	421
Nonagricultural industries	5,773	5,707	5,677	5,778	5,916	5,936	5,745	5,684	5,590	5,406	5,408	5,421	5,291
Unemployed	1,350	1,286	1,109	1,072	994	876	869	846	815	817	832	852	821

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				
	1st Qtr.	4th Qtr.	3rd Qtr.	2nd Qtr.	1st Qtr.	4th Qtr.	3rd Qtr.	2nd Qtr.	1st Qtr.	4th Qtr.	3rd Qtr.	2nd Qtr.	1st Qtr.	
Full time														
Total 16 years and over:														
Civilian labor force	71,563	71,770	71,221	70,861	70,580	70,149	70,060	69,349	69,165	68,419	68,416	68,274	68,127	
Employed ¹	67,647	67,836	67,846	67,749	67,956	67,928	67,850	67,230	67,107	66,405	66,286	66,181	65,879	
Unemployed	3,915	3,934	3,375	3,112	2,624	2,221	2,210	2,119	2,058	2,014	2,130	2,093	2,248	
Unemployment rate	5.5	5.5	4.7	4.4	3.7	3.2	3.2	3.1	3.0	2.9	3.1	3.1	3.3	
Men, 20 years and over:														
Civilian labor force	45,080	45,246	45,042	44,939	44,667	44,450	44,341	44,087	44,127	43,903	43,954	43,837	43,855	
Employed ¹	43,230	43,360	43,396	43,506	43,500	43,505	43,443	43,253	43,326	43,072	43,061	42,952	42,899	
Unemployed	1,850	1,886	1,646	1,433	1,167	945	898	834	801	831	893	885	956	
Unemployment rate	4.1	4.2	3.7	3.2	2.6	2.1	2.0	1.9	1.8	1.9	2.0	2.0	2.2	
Women, 20 years and over:														
Civilian labor force	22,507	22,502	22,306	22,021	22,037	21,855	21,873	21,556	21,388	21,007	20,797	20,715	20,591	
Employed ¹	21,204	21,231	21,200	20,963	21,140	21,081	21,043	20,741	20,609	20,260	20,036	19,977	19,782	
Unemployed	1,303	1,271	1,106	1,058	897	774	830	815	779	747	761	738	809	
Unemployment rate	5.8	5.6	5.0	4.8	4.1	3.5	3.8	3.8	3.6	3.6	3.7	3.6	3.9	
Both sexes, 16-19 years:														
Civilian labor force	3,974	4,022	3,873	3,901	3,876	3,844	3,846	3,706	3,650	3,509	3,665	3,722	3,681	
Employed ¹	3,212	3,245	3,250	3,280	3,316	3,342	3,364	3,236	3,172	3,073	3,189	3,252	3,198	
Unemployed	762	777	623	621	560	502	482	470	478	436	476	470	483	
Unemployment rate	19.2	19.3	16.1	15.9	14.4	13.1	12.5	12.7	13.1	12.4	13.0	12.6	13.1	
Part time														
Total 16 years and over:														
Civilian labor force	12,043	11,680	11,723	11,618	11,758	11,345	10,963	10,908	10,874	10,642	10,463	10,379	10,149	
Employed ¹	10,974	10,694	10,794	10,812	10,950	10,617	10,239	10,254	10,228	9,963	9,799	9,660	9,491	
Unemployed	1,069	986	929	806	808	728	724	654	646	679	664	719	658	
Unemployment rate	8.9	8.4	7.9	6.9	6.9	6.4	6.6	6.0	5.9	6.4	6.3	6.9	6.5	
Men, 20 years and over:														
Civilian labor force	2,333	2,277	2,264	2,225	2,262	2,143	2,115	2,086	2,068	2,027	1,939	1,952	1,914	
Employed ¹	2,155	2,117	2,116	2,101	2,145	2,036	1,995	2,004	1,974	1,931	1,848	1,854	1,815	
Unemployed	178	160	148	124	117	107	120	82	94	96	91	98	99	
Unemployment rate	7.6	7.0	6.5	5.6	5.2	5.0	5.7	3.9	4.5	4.7	4.7	5.0	5.2	
Women, 20 years and over:														
Civilian labor force	6,230	6,057	6,058	6,057	6,108	5,893	5,713	5,652	5,689	5,578	5,514	5,488	5,375	
Employed ¹	5,905	5,769	5,764	5,807	5,858	5,652	5,500	5,447	5,494	5,370	5,294	5,245	5,160	
Unemployed	325	288	294	250	250	241	213	205	195	208	220	243	215	
Unemployment rate	5.2	4.8	4.9	4.1	4.1	4.1	3.7	3.6	3.4	3.7	4.0	4.4	4.0	
Both sexes, 16-19 years:														
Civilian labor force	3,480	3,346	3,401	3,336	3,388	3,309	3,135	3,170	3,117	3,037	3,010	2,939	2,860	
Employed ¹	2,914	2,808	2,914	2,904	2,947	2,929	2,744	2,803	2,760	2,662	2,657	2,561	2,516	
Unemployed	566	538	487	432	441	380	391	367	357	375	353	378	344	
Unemployment rate	16.3	16.1	14.3	12.9	13.0	11.5	12.5	11.6	11.5	12.3	11.7	12.9	12.0	

¹Persons 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
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3: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1971	1970				1969				1968			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
White													
Total:													
Civilian labor force	74,396	74,294	73,543	73,279	73,213	72,494	71,978	71,464	71,232	70,402	70,055	69,872	69,518
Employed	70,304	70,262	70,015	70,097	70,420	70,105	69,629	69,270	69,083	68,270	67,828	67,645	67,241
Unemployed	4,092	4,032	3,528	3,182	2,793	2,389	2,349	2,194	2,149	2,132	2,227	2,227	2,277
Unemployment rate	5.5	5.4	4.8	4.3	3.8	3.3	3.3	3.1	3.0	3.0	3.2	3.2	3.3
Males, 20 years and over:													
Civilian labor force	42,671	42,752	42,517	42,473	42,234	41,968	41,865	41,634	41,651	41,436	41,368	41,244	41,210
Employed	40,955	41,062	41,013	41,158	41,152	41,105	41,023	40,871	40,913	40,691	40,553	40,419	40,349
Unemployed	1,716	1,690	1,504	1,315	1,082	863	842	763	738	745	815	825	861
Unemployment rate	4.0	4.0	3.5	3.1	2.6	2.1	2.0	1.8	1.8	1.8	2.0	2.0	2.1
Females, 20 years and over:													
Civilian labor force	24,996	24,937	24,650	24,401	24,492	24,149	23,951	23,696	23,560	23,122	22,845	22,753	22,552
Employed	23,680	23,637	23,504	23,370	23,563	23,312	23,128	22,906	22,787	22,365	22,073	22,002	21,763
Unemployed	1,316	1,300	1,146	1,031	929	837	823	790	773	757	772	751	789
Unemployment rate	5.3	5.2	4.6	4.2	3.8	3.5	3.4	3.3	3.3	3.3	3.4	3.3	3.5
Both sexes, 16 to 19 years:													
Civilian labor force	6,729	6,605	6,376	6,405	6,487	6,377	6,162	6,134	6,021	5,844	5,842	5,875	5,756
Employed	5,670	5,563	5,498	5,569	5,705	5,688	5,478	5,493	5,383	5,214	5,202	5,224	5,129
Unemployed	1,060	1,042	878	836	782	689	684	641	638	630	640	651	627
Unemployment rate	15.7	15.8	13.8	13.1	12.1	10.8	11.1	10.4	10.6	10.8	11.0	11.0	10.9
Negro and other races													
Total:													
Civilian labor force	9,282	9,179	9,221	9,221	9,195	9,065	8,985	8,865	8,897	8,742	8,706	8,826	8,754
Employed	8,402	8,330	8,439	8,464	8,560	8,498	8,402	8,284	8,348	8,161	8,140	8,243	8,132
Unemployed	880	849	782	757	635	567	583	581	549	581	566	583	622
Unemployment rate	9.5	9.2	8.5	8.2	6.9	6.3	6.5	6.6	6.2	6.6	6.5	6.6	7.1
Males, 20 years and over:													
Civilian labor force	4,746	4,753	4,771	4,702	4,694	4,629	4,588	4,550	4,551	4,515	4,513	4,564	4,543
Employed	4,426	4,432	4,481	4,437	4,489	4,450	4,412	4,387	4,392	4,337	4,346	4,393	4,349
Unemployed	320	321	290	265	205	179	176	163	159	178	167	171	194
Unemployment rate	6.7	6.8	6.1	5.6	4.4	3.9	3.8	3.6	3.5	3.9	3.7	3.7	4.3
Females, 20 years and over:													
Civilian labor force	3,754	3,639	3,663	3,691	3,667	3,613	3,601	3,535	3,542	3,468	3,420	3,466	3,428
Employed	3,442	3,369	3,405	3,428	3,448	3,423	3,379	3,315	3,340	3,261	3,212	3,251	3,191
Unemployed	312	270	258	263	219	190	222	220	202	207	208	215	237
Unemployment rate	8.3	7.4	7.0	7.1	6.0	5.3	6.2	6.2	5.7	6.0	6.1	6.2	6.9
Both sexes, 16 to 19 years:													
Civilian labor force	782	787	787	828	834	823	796	780	804	759	773	796	783
Employed	534	529	553	599	623	625	611	582	616	563	582	599	592
Unemployed	249	258	234	229	211	198	185	198	188	196	191	197	191
Unemployment rate	31.8	32.8	29.7	27.7	25.3	24.1	23.2	25.4	23.4	25.8	24.7	24.7	24.4

4: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1971	1970				1969				1968			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Less than 5 weeks	2,197	2,387	2,189	2,122	1,900	1,677	1,681	1,649	1,523	1,539	1,616	1,605	1,598
5 to 14 weeks	1,623	1,620	1,377	1,192	1,029	896	887	732	794	810	803	798	825
15 weeks and over	1,085	906	736	610	479	389	387	383	348	359	404	402	471
15 to 26 weeks	644	600	480	380	317	258	238	250	228	225	252	248	291
27 weeks and over	441	306	256	230	162	131	149	133	120	134	152	154	180
Average (mean) duration	10.5	9.2	8.9	8.8	8.2	7.8	7.9	8.1	8.0	8.2	8.3	8.5	9.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

5: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1971	1970				1969				1968			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Total (all civilian workers).....	5.9	5.9	5.2	4.8	4.2	3.6	3.6	3.5	3.4	3.4	3.5	3.6	3.7
Men, 20 years and over.....	4.3	4.3	3.8	3.3	2.7	2.3	2.2	2.0	1.9	2.0	2.1	2.2	2.3
Women, 20 years and over.....	5.7	5.5	4.9	4.6	4.1	3.7	3.8	3.7	3.6	3.6	3.7	3.7	3.9
Both sexes, 16-19 years.....	17.4	17.5	15.5	14.8	13.6	12.2	12.4	12.2	12.0	12.4	12.5	12.7	12.6
White.....	5.5	5.4	4.8	4.3	3.8	3.3	3.3	3.1	3.0	3.0	3.2	3.2	3.3
Negro and other races.....	9.5	9.2	8.5	8.2	6.9	6.3	6.5	6.6	6.2	6.6	6.5	6.6	7.1
Married men.....	3.2	3.2	2.8	2.4	2.0	1.6	1.6	1.5	1.4	1.5	1.6	1.6	1.7
Full-time workers.....	5.5	5.5	4.7	4.4	3.7	3.2	3.2	3.1	3.0	2.9	3.1	3.1	3.3
Part-time workers.....	8.9	8.4	7.9	6.9	6.9	6.4	6.6	6.0	5.9	6.4	6.3	6.9	6.5
Unemployed 15 weeks and over ¹	1.3	1.1	.9	.7	.6	.5	.5	.5	.4	.5	.5	.5	.6
State insured ²	3.8	4.4	3.8	3.4	2.6	2.4	2.1	2.0	2.1	2.1	2.2	2.2	2.3
Labor force time lost ³	6.4	6.3	5.6	5.1	4.5	4.1	4.1	3.8	3.7	3.8	3.9	3.9	4.1
Occupation													
White-collar workers.....	3.6	3.5	2.9	2.8	2.4	2.2	2.2	2.0	2.0	1.9	2.0	2.0	2.1
Professional and technical.....	3.2	2.5	2.0	1.9	1.8	1.5	1.4	1.3	1.1	1.2	1.3	1.1	1.2
Managers, officials, and proprietors.....	1.6	1.6	1.5	1.3	1.0	1.0	.9	.9	1.0	1.0	1.0	.9	.9
Clerical workers.....	4.8	4.9	4.1	4.0	3.3	3.1	3.2	2.8	2.9	2.8	2.9	3.0	3.1
Sales workers.....	4.2	4.7	3.9	3.9	3.2	2.8	3.0	2.9	2.9	2.9	2.6	2.6	3.0
Blue-collar workers.....	7.5	7.5	6.9	6.0	5.0	4.3	3.9	3.8	3.7	3.9	4.1	3.9	4.4
Craftsmen and foremen.....	4.8	4.5	4.7	3.8	2.7	2.3	2.2	2.1	2.2	2.2	2.4	2.3	2.6
Operatives.....	8.5	8.7	7.5	6.6	5.7	5.0	4.4	4.3	4.1	4.3	4.5	4.3	4.8
Nonfarm laborers.....	10.7	10.8	10.3	9.3	7.9	7.1	7.0	6.4	6.5	6.8	7.3	6.9	7.7
Service workers.....	6.1	6.0	5.5	5.0	4.7	4.0	4.5	4.4	4.0	4.3	4.4	4.6	4.3
Farm workers.....	2.9	3.0	3.0	2.5	2.1	2.0	2.1	1.9	1.6	1.8	2.4	2.4	2.0
Industry													
Private wage and salary workers ⁴	6.3	6.3	5.6	5.0	4.3	3.7	3.6	3.5	3.4	3.5	3.6	3.6	3.8
Construction.....	11.0	10.9	11.7	10.3	7.8	6.4	6.5	5.6	5.8	6.2	6.2	6.7	7.8
Manufacturing.....	7.0	7.2	5.9	5.1	4.4	3.7	3.2	3.2	3.1	3.1	3.3	3.2	3.5
Durable goods.....	7.2	7.8	5.9	5.0	4.4	3.6	2.9	3.0	2.7	2.9	3.0	2.8	3.1
Nondurable goods.....	6.6	6.4	5.9	5.2	4.3	4.0	3.7	3.4	3.7	3.4	3.7	3.8	3.9
Transportation and public utilities.....	4.0	3.7	3.2	3.3	2.8	2.5	2.0	2.1	2.0	2.0	2.4	1.6	2.0
Wholesale and retail trade.....	6.3	6.2	5.5	5.3	4.6	4.1	4.3	4.1	3.9	4.0	3.9	4.0	4.2
Finance and service industries.....	5.0	4.8	4.6	4.0	3.4	3.1	3.4	3.3	3.1	3.2	3.4	3.5	3.4
Government wage and salary workers.....	2.8	2.8	2.1	2.1	2.1	2.1	1.9	1.7	1.7	1.7	1.9	1.8	1.9
Agricultural wage and salary workers.....	8.3	9.0	8.3	7.0	6.4	6.2	6.9	5.6	5.5	5.5	7.1	6.8	5.7

¹Unemployment rate calculated as a percent of civilian labor force.

²Insured unemployment under State programs as a percent of average covered employment.

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

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

Sex and age	1971	1970				1969				1968			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Total, 16 years and over	5.9	5.9	5.2	4.8	4.2	3.6	3.6	3.5	3.4	3.4	3.5	3.6	3.7
16 to 19 years	17.4	17.5	15.5	14.8	13.6	12.2	12.4	12.2	12.0	12.4	12.5	12.7	12.6
16 and 17 years	18.9	19.4	17.3	16.5	16.3	14.9	15.4	13.8	13.7	14.4	14.2	14.5	15.0
18 and 19 years	16.4	16.1	14.2	13.4	11.8	10.1	10.3	10.9	11.0	10.9	11.3	11.3	10.9
20 to 24 years	9.7	9.8	8.7	7.8	6.7	6.0	5.8	5.5	5.4	5.8	5.7	5.8	6.0
25 years and over	4.1	3.9	3.5	3.2	2.7	2.3	2.3	2.2	2.1	2.2	2.3	2.2	2.4
25 to 54 years	4.1	4.2	3.6	3.2	2.8	2.4	2.4	2.3	2.2	2.2	2.3	2.3	2.5
55 years and over	3.5	3.3	2.9	2.9	2.4	2.1	2.1	1.9	1.9	2.1	2.1	2.1	2.4
Males, 16 years and over	5.3	5.3	4.7	4.2	3.5	3.0	2.9	2.7	2.7	2.7	2.8	2.9	3.0
16 to 19 years	16.8	16.9	15.5	14.9	12.7	11.5	11.6	11.0	11.4	11.5	11.1	11.5	12.1
16 and 17 years	18.5	19.2	17.3	16.5	15.0	13.9	14.9	13.1	13.2	13.9	13.2	14.2	13.9
18 and 19 years	15.7	15.0	14.1	13.5	10.9	9.4	9.0	9.1	9.9	9.5	9.4	9.0	10.3
20 to 24 years	10.0	10.7	9.3	7.6	6.5	5.7	5.3	4.8	4.8	4.9	5.0	5.2	5.2
25 years and over	3.7	3.4	3.0	2.7	2.2	1.8	1.8	1.6	1.6	1.7	1.8	1.8	1.9
25 to 54 years	3.4	3.5	3.0	2.7	2.2	1.8	1.7	1.6	1.5	1.6	1.7	1.7	1.8
55 years and over	3.7	3.4	3.0	2.9	2.4	2.1	2.0	1.7	1.8	1.9	2.0	2.1	2.3
Females, 16 years and over	7.0	6.8	6.0	5.7	5.2	4.7	4.8	4.7	4.5	4.6	4.8	4.8	4.9
16 to 19 years	17.3	18.1	15.5	14.7	14.7	13.0	13.5	13.7	12.8	13.6	14.4	14.3	13.2
16 and 17 years	19.3	19.6	17.3	16.4	17.9	16.3	16.2	14.9	14.6	15.2	15.8	15.1	16.6
18 and 19 years	17.3	17.3	14.2	13.4	12.9	10.8	11.7	12.9	12.3	12.6	13.4	13.7	11.6
20 to 24 years	9.4	8.8	8.1	8.0	7.0	6.4	6.4	6.3	6.0	6.8	6.5	6.5	7.0
25 years and over	4.9	4.8	4.3	3.9	3.5	3.2	3.3	3.2	3.1	3.0	3.2	3.1	3.4
25 to 54 years	5.4	5.4	4.7	4.2	3.8	3.5	3.5	3.5	3.4	3.2	3.5	3.4	3.6
55 years and over	3.2	3.0	2.9	3.0	2.3	2.1	2.3	2.2	2.1	2.4	2.2	2.1	2.5

7: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1971	1970				1969				1968			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Number of unemployed													
Lost last job	2,251	2,376	1,966	1,740	1,365	1,104	1,006	1,001	973	997	1,054	1,005	1,180
Left last job	630	604	568	551	475	439	450	422	428	415	425	427	461
Reentered labor force	1,443	1,361	1,296	1,147	1,126	1,008	1,011	927	922	899	905	934	870
Never worked before	617	596	506	476	467	410	457	384	391	426	421	370	392
Percent distribution													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	45.6	48.1	45.3	44.5	39.8	37.3	34.4	36.6	35.9	36.4	37.6	36.7	40.6
Left last job	12.8	12.2	13.1	14.1	13.8	14.8	15.4	15.4	15.8	15.2	15.2	15.6	15.9
Reentered labor force	29.2	27.6	29.9	29.3	32.8	34.0	34.6	33.9	34.0	32.8	32.3	34.1	30.0
Never worked before	12.5	12.1	11.7	12.2	13.6	13.8	15.6	14.0	14.4	15.6	15.0	13.5	13.5
Unemployed as a percent of the civilian labor force													
Lost last job	2.7	2.8	2.4	2.1	1.7	1.4	1.2	1.2	1.2	1.3	1.3	1.3	1.5
Left last job .....	.8	.7	.7	.7	.6	.5	.6	.5	.5	.5	.5	.5	.6
Reentered labor force	1.8	1.6	1.6	1.4	1.4	1.2	1.2	1.2	1.2	1.1	1.1	1.2	1.1
Never worked before7	.7	.6	.6	.6	.5	.6	.5	.5	.5	.5	.5	.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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8: Employed persons by sex and age, seasonally adjusted

(In thousands)

Sex and age	1971	1970				1969				1968			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Total													
16 years and over	78,626	78,568	78,521	78,595	78,898	78,575	78,113	77,578	77,361	76,420	76,046	75,905	75,321
16 to 19 years	6,201	6,079	6,061	6,176	6,308	6,295	6,113	6,083	5,973	5,760	5,803	5,832	5,712
16 and 17 years	2,673	2,538	2,561	2,612	2,714	2,670	2,544	2,571	2,522	2,389	2,407	2,438	2,365
18 and 19 years	3,543	3,549	3,481	3,561	3,626	3,640	3,543	3,512	3,477	3,387	3,376	3,392	3,353
20 to 24 years	9,853	9,893	9,781	9,613	9,590	9,470	9,406	9,268	9,127	8,912	8,807	8,672	8,656
25 years and over	62,581	62,594	62,675	62,808	63,001	62,801	62,593	62,240	62,251	61,745	61,442	61,407	60,957
25 to 34 years	48,593	48,535	48,613	48,733	48,853	48,692	48,453	48,171	48,251	47,782	47,571	47,580	47,341
55 years and over	14,079	14,044	14,020	14,055	14,227	14,094	14,100	14,048	14,056	13,927	13,840	13,815	13,660
Male													
16 years and over	48,809	48,901	48,837	48,994	49,143	49,031	48,854	48,694	48,690	48,321	48,197	48,081	47,818
16 to 19 years	3,451	3,425	3,334	3,388	3,521	3,494	3,413	3,415	3,411	3,302	3,287	3,265	3,137
16 and 17 years	1,538	1,488	1,480	1,504	1,560	1,563	1,514	1,522	1,524	1,452	1,452	1,466	1,436
18 and 19 years	1,920	1,948	1,839	1,877	1,973	1,947	1,880	1,897	1,903	1,863	1,823	1,800	1,711
20 to 24 years	5,364	5,347	5,256	5,188	5,127	5,086	5,062	5,005	4,885	4,858	4,803	4,764	4,823
25 years and over	39,997	40,130	40,249	40,417	40,490	40,446	40,396	40,269	40,394	40,162	40,136	40,050	39,870
25 to 34 years	31,104	31,234	31,282	31,344	31,360	31,386	31,321	31,242	31,345	31,142	31,077	31,055	30,976
55 years and over	8,921	8,913	8,955	9,059	9,159	9,078	9,052	9,011	9,074	9,014	9,035	8,993	8,904
Female													
16 years and over	29,817	29,667	29,684	29,601	29,755	29,544	29,259	28,884	28,671	28,099	27,849	27,824	27,503
16 to 19 years	2,750	2,654	2,727	2,788	2,787	2,801	2,700	2,668	2,562	2,458	2,516	2,567	2,575
16 and 17 years	1,135	1,050	1,181	1,108	1,154	1,107	1,030	1,049	998	937	955	972	929
18 and 19 years	1,623	1,601	1,642	1,674	1,653	1,693	1,663	1,615	1,574	1,524	1,553	1,592	1,642
20 to 24 years	4,489	4,546	4,525	4,425	4,463	4,384	4,344	4,263	4,242	4,054	4,004	3,908	3,833
25 years and over	22,584	22,464	22,426	22,391	22,511	22,355	22,197	21,971	21,857	21,583	21,306	21,357	21,087
25 to 34 years	17,489	17,301	17,301	17,389	17,493	17,306	17,132	16,929	16,906	16,640	16,494	16,525	16,365
55 years and over	5,158	5,131	5,065	4,996	5,068	5,016	5,048	5,037	4,982	4,913	4,805	4,822	4,756

9: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1971	1970				1969				1968			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
White-collar workers	37,905	38,126	37,993	37,979	37,905	37,494	36,971	36,672	36,236	35,902	35,763	35,423	35,118
Professional and technical	10,840	11,153	11,253	11,139	11,026	10,929	10,761	10,746	10,641	10,465	10,389	10,301	10,149
Managers, officials, and proprietors	8,655	8,378	8,267	8,281	8,229	8,119	7,989	7,990	7,846	7,884	7,840	7,663	7,719
Clerical workers	13,329	13,661	13,604	13,743	13,855	13,669	13,514	13,273	13,132	12,893	12,845	12,812	12,660
Sales workers	5,081	4,934	4,869	4,816	4,795	4,777	4,707	4,663	4,617	4,660	4,689	4,647	4,590
Blue-collar workers	27,072	27,625	27,642	27,733	28,186	28,370	28,420	27,979	28,176	27,747	27,494	27,552	27,283
Craftsmen and foremen	10,107	10,172	10,111	10,125	10,228	10,245	10,190	10,050	10,287	10,130	9,985	10,009	9,930
Operatives	12,890	13,742	13,793	13,938	14,168	14,407	14,570	14,241	14,264	14,041	13,902	13,979	13,896
Nonfarm laborers	4,075	3,711	3,738	3,670	3,790	3,718	3,660	3,688	3,625	3,576	3,607	3,564	3,457
Service workers	10,684	9,787	9,791	9,619	9,652	9,582	9,489	9,488	9,544	9,413	9,385	9,406	9,320
Farmers and farm laborers	2,987	3,022	3,118	3,209	3,138	3,114	3,235	3,397	3,429	3,370	3,403	3,488	3,639

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.

HOUSEHOLD DATA QUARTERLY AVERAGES

Table 1. Labor force status of civilian noninstitutional population by age, sex, and reasons for nonparticipation
1st 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
Total									
Civilian noninstitutional population (in thousands)	138,733	14,832	15,937	24,831	22,323	23,179	9,991	8,420	19,218
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	59.6	44.5	67.6	70.0	73.5	73.4	68.2	54.8	16.0
Not in labor force	40.4	55.5	32.4	30.0	26.5	26.6	31.8	45.2	84.0
In school	6.7	47.5	11.4	1.3	.4	.2	.1	--	--
Ill health, disability	3.3	.3	1.1	1.3	2.2	3.5	5.5	7.0	8.6
Home responsibilities	23.6	4.7	17.0	25.7	21.8	20.6	22.5	29.7	44.7
Retirement, old age	4.4	--	--	--	--	.1	.4	6.2	28.4
Think cannot get job . . . . .	.6	.8	.6	.4	.6	.5	.6	.6	.6
All other reasons	1.8	2.3	2.3	1.2	1.5	1.7	2.7	1.7	1.6
Male									
Civilian noninstitutional population (in thousands)	65,182	7,331	7,246	11,962	10,729	11,107	4,743	3,911	8,154
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	78.2	49.6	80.6	96.0	96.5	94.2	89.2	74.7	24.8
Not in labor force	21.8	50.4	19.4	4.0	3.5	5.8	10.8	25.3	75.2
In school	7.3	46.7	15.1	1.8	.3	.2	.1	--	--
Ill health, disability	3.6	.3	.9	1.1	1.8	3.6	6.1	9.8	10.7
Home responsibilities . . . . .	.3	.2	.1	--	.2	.1	.2	.6	1.6
Retirement, old age	8.2	--	--	--	--	.2	.8	11.9	58.9
Think cannot get job . . . . .	.4	.7	.7	.1	.2	.2	.4	.6	.9
All other reasons	1.9	2.4	2.6	1.0	1.0	1.5	3.3	2.3	3.2
Female									
Civilian noninstitutional population (in thousands)	73,551	7,501	8,691	12,869	11,595	12,072	5,248	4,510	11,065
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	43.1	39.5	56.7	45.9	52.2	54.2	49.2	37.5	9.6
Not in labor force	56.9	60.5	43.3	54.1	47.8	45.8	50.8	62.5	90.4
In school	6.2	48.2	8.3	.9	.5	.3	.2	--	--
Ill health, disability	3.1	.3	1.3	1.4	2.6	3.3	5.0	4.6	7.1
Home responsibilities	44.2	9.1	31.0	49.6	41.7	39.5	42.7	54.9	76.4
Retirement, old age	1.0	--	--	--	--	--	--	1.3	5.9
Think cannot get job . . . . .	.7	.8	.6	.6	1.0	.8	.7	.6	.4
All other reasons	1.6	2.1	2.1	1.5	2.0	1.9	2.2	1.1	.5

**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							
	1st 1971	1st 1970	16-19		20-24		25-59		60 and over	
			1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970
Thousands of persons										
Total	56,058	54,705	8,238	7,883	5,168	4,863	22,706	22,559	19,946	19,399
In school	9,341	8,996	7,041	6,763	1,813	1,783	482	439	5	11
Ill health, disability	4,630	4,260	46	57	178	120	2,159	1,952	2,246	2,131
Home responsibilities	32,760	32,565	697	679	2,704	2,559	18,278	18,548	11,082	10,778
Retirement, old age	6,053	5,862	--	--	--	--	67	54	5,987	5,807
Think cannot get job	807	606	116	60	101	84	420	298	173	164
All other reasons	2,465	2,416	338	324	372	318	1,304	1,266	451	509
Male	14,233	13,528	3,696	3,501	1,405	1,308	2,010	1,869	7,122	6,849
In school	4,778	4,559	3,424	3,260	1,091	1,068	261	230	--	2
Ill health, disability	2,359	2,177	25	33	64	48	1,017	973	1,252	1,124
Home responsibilities	216	229	14	17	9	13	42	30	151	168
Retirement, old age	5,331	5,118	--	--	--	--	61	46	5,270	5,071
Think cannot get job	287	203	53	29	52	29	86	68	96	76
All other reasons	1,263	1,241	179	164	188	150	544	522	352	407
Female	41,825	41,178	4,541	4,382	3,763	3,554	20,696	20,690	12,824	12,552
In school	4,564	4,437	3,617	3,503	722	715	219	209	5	9
Ill health, disability	2,271	2,083	21	25	113	72	1,144	980	994	1,007
Home responsibilities	32,544	32,336	682	661	2,695	2,545	18,235	18,518	10,931	10,611
Retirement, old age	723	744	--	--	--	--	9	9	717	736
Think cannot get job	520	404	62	31	49	54	333	230	77	87
All other reasons	1,202	1,175	159	163	184	167	759	743	100	101
Percent distribution										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	16.7	16.4	85.5	85.8	35.1	36.7	2.1	1.9	(1)	.1
Ill health, disability	8.3	7.8	.6	.7	3.4	2.5	9.5	8.7	11.3	11.0
Home responsibilities	58.4	59.5	8.5	8.6	52.3	52.6	80.5	82.2	55.6	55.6
Retirement, old age	10.8	10.7	--	--	--	--	.3	.2	30.0	29.9
Think cannot get job	1.4	1.1	1.4	.8	2.0	1.7	1.8	1.3	.9	.8
All other reasons	4.4	4.4	4.1	4.1	7.2	6.5	5.7	5.6	2.3	2.6
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	33.6	33.7	92.7	93.1	77.7	81.7	13.0	12.3	--	(1)
Ill health, disability	16.6	16.1	.7	.9	4.6	3.7	50.6	52.1	17.6	16.4
Home responsibilities	1.5	1.7	.4	.5	.6	1.0	2.1	1.6	2.1	2.5
Retirement, old age	37.5	37.8	--	--	--	--	3.0	2.5	74.0	74.1
Think cannot get job	2.0	1.5	1.4	.8	3.7	2.2	4.3	3.6	1.3	1.1
All other reasons	8.9	9.2	4.8	4.7	13.4	12.5	27.1	27.9	4.9	5.9
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	10.9	10.8	79.7	79.9	19.2	20.1	1.1	1.0	(1)	.1
Ill health, disability	5.4	5.1	.5	.6	3.0	2.0	5.5	4.7	7.8	8.0
Home responsibilities	77.8	78.5	15.0	15.1	71.6	71.6	88.1	89.5	85.2	84.5
Retirement, old age	1.7	1.8	--	--	--	--	(1)	(1)	5.6	5.9
Think cannot get job	1.2	1.0	1.4	.7	1.3	1.5	1.6	1.1	.6	.7
All other reasons	2.9	2.9	3.5	3.7	4.9	4.7	3.7	3.6	.8	.8

¹ Percent less than 0.05.

HOUSEHOLD DATA QUARTERLY AVERAGES

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	
	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970
White								
Male (in thousands)	12,449	11,895	4,320	4,126	1,619	1,515	6,511	6,253
In school	4,101	3,965	3,864	3,761	236	204	--	2
Ill health, disability	1,890	1,821	65	60	785	781	1,041	980
Home responsibilities	184	195	23	27	29	20	131	147
Retirement, old age	4,986	4,736	--	--	60	46	4,926	4,689
Think cannot get job	214	155	70	42	66	48	79	64
All other reasons	1,075	1,024	298	236	445	415	332	373
Female (in thousands)	37,536	37,080	7,025	6,769	18,713	18,727	11,798	11,585
In school	3,839	3,747	3,647	3,562	186	175	5	9
Ill health, disability	1,771	1,619	100	66	860	750	812	803
Home responsibilities	29,838	29,747	2,955	2,819	16,731	16,994	10,153	9,934
Retirement, old age	666	680	--	--	6	9	660	672
Think cannot get job	416	312	75	62	264	172	77	77
All other reasons	1,008	974	249	260	668	627	91	88
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	32.9	33.3	89.4	91.2	14.6	13.5	--	(1)
Ill health, disability	15.2	15.3	1.5	1.5	48.4	51.6	16.0	15.7
Home responsibilities	1.5	1.6	.5	.7	1.8	1.3	2.0	2.4
Retirement, old age	40.0	39.8	--	--	3.7	3.0	75.7	75.0
Think cannot get job	1.7	1.3	1.6	1.0	4.1	3.2	1.2	1.0
All other reasons	8.6	8.6	6.9	5.7	27.5	27.4	5.1	6.0
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	10.2	10.1	51.9	52.6	1.0	.9	(1)	.1
Ill health, disability	4.7	4.4	1.4	1.0	4.6	4.0	6.9	6.9
Home responsibilities	79.5	80.2	42.1	41.6	89.4	90.7	86.1	85.8
Retirement, old age	1.8	1.8	--	--	(1)	(1)	5.6	5.8
Think cannot get job	1.1	.8	1.1	.9	1.4	.9	.7	.7
All other reasons	2.7	2.6	3.5	3.8	3.6	3.3	.8	.8
Negro and other races								
Male (in thousands)	1,784	1,633	781	684	392	355	611	596
In school	676	594	651	567	25	27	--	--
Ill health, disability	469	357	26	20	231	191	211	145
Home responsibilities	32	34	--	3	14	11	18	21
Retirement, old age	345	382	--	--	1	--	344	382
Think cannot get job	73	48	37	16	20	20	16	13
All other reasons	188	217	69	75	101	108	19	35
Female (in thousands)	4,289	4,098	1,279	1,168	1,983	1,963	1,027	967
In school	725	690	691	655	34	34	--	--
Ill health, disability	500	464	33	31	285	229	182	204
Home responsibilities	2,707	2,589	423	388	1,505	1,525	778	676
Retirement, old age	57	64	--	--	--	--	57	64
Think cannot get job	105	92	36	24	69	57	--	10
All other reasons	195	200	96	70	91	117	10	13
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	37.9	36.4	83.1	83.3	6.4	7.6	--	--
Ill health, disability	26.3	21.9	3.3	2.9	58.9	53.5	34.7	24.3
Home responsibilities	1.8	2.1	--	.4	3.6	3.1	3.0	3.5
Retirement, old age	19.3	23.4	--	--	.3	--	56.6	64.1
Think cannot get job	4.1	2.9	4.7	2.3	5.1	5.6	2.6	2.2
All other reasons	10.5	13.3	8.8	11.0	25.8	30.3	3.1	5.9
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	16.9	16.8	54.0	56.1	1.7	1.7	--	--
Ill health, disability	11.7	11.3	2.6	2.7	14.4	11.7	17.7	21.1
Home responsibilities	63.1	63.2	33.1	33.2	75.9	77.7	75.8	69.9
Retirement, old age	1.3	1.6	--	--	--	--	5.6	6.6
Think cannot get job	2.4	2.2	2.8	2.1	3.5	2.9	--	1.0
All other reasons	4.5	4.9	7.5	6.0	4.6	6.0	1.0	1.3

¹Percent less than 0.05 percent.

**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	
	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970
Thousands of persons										
Total not in labor force	56,058	54,705	8,238	7,883	5,168	4,863	22,706	22,559	19,946	19,399
Do not want job now	51,591	50,857	6,909	6,716	4,447	4,288	20,757	20,863	19,474	18,991
Want job now - total	4,467	3,848	1,329	1,167	721	575	1,949	1,696	472	408
In school	1,338	1,138	1,032	935	217	161	89	42	2	--
Ill health, disability	593	517	11	17	52	33	384	361	147	105
Home responsibilities	986	860	78	74	215	168	666	594	26	23
Think cannot get job	807	606	116	60	101	84	420	298	173	164
All other reasons	743	727	92	81	136	129	390	401	124	116
Male	1,442	1,209	593	525	233	187	349	307	270	189
In school	671	571	504	457	130	99	38	15	--	--
Ill health, disability	277	222	5	9	17	15	157	145	99	53
Think cannot get job	287	203	53	29	52	29	86	68	96	76
All other reasons ¹	207	213	31	30	34	44	68	79	75	60
Female	3,024	2,640	737	643	487	386	1,598	1,392	202	216
In school	667	567	528	478	87	62	51	27	2	--
Ill health, disability	316	295	6	8	34	18	226	217	48	51
Home responsibilities	965	832	75	67	213	162	656	588	21	16
Think cannot get job	520	404	62	31	49	54	333	230	77	87
All other reasons	556	542	66	59	104	90	332	330	54	62
Percent distribution										
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	30.0	29.6	77.6	80.1	30.1	28.0	4.6	2.5	.4	--
Ill health, disability	13.3	13.4	.8	1.5	7.2	5.7	19.7	21.3	31.1	25.7
Home responsibilities	22.1	22.3	5.9	6.3	29.9	29.2	34.2	35.0	5.5	5.6
Think cannot get job	18.1	15.7	8.7	5.1	14.0	14.6	21.6	17.6	36.7	40.2
All other reasons	16.6	18.9	6.9	6.9	18.9	22.4	20.0	23.6	26.3	28.4
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	46.5	47.2	85.0	87.0	55.8	52.9	10.9	4.9	--	--
Ill health, disability	19.2	18.4	.8	1.7	7.3	8.0	45.0	47.2	36.7	28.0
Think cannot get job	19.9	16.8	8.9	5.5	22.3	15.5	24.6	22.1	35.6	40.2
All other reasons ¹	14.4	17.6	5.2	5.7	14.6	23.5	19.5	25.7	27.8	31.7
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	22.1	21.5	71.6	74.3	17.9	16.1	3.2	1.9	1.0	--
Ill health, disability	10.4	11.2	.8	1.2	7.0	4.7	14.1	15.6	23.8	23.6
Home responsibilities	31.9	31.5	10.2	10.4	43.7	42.0	41.1	42.2	10.4	7.4
Think cannot get job	17.2	15.3	8.4	4.8	10.1	14.0	20.8	16.5	38.1	40.3
All other reasons	18.4	20.5	9.0	9.2	21.4	23.3	20.8	23.7	26.7	28.7

¹Includes small number of men not seeking work because of home responsibilities.

HOUSEHOLD DATA QUARTERLY AVERAGES

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	
	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970
Thousands of persons								
Total not in labor force	12,449	11,895	37,536	37,080	1,784	1,633	4,289	4,098
Do not want job now	11,329	10,917	35,223	35,072	1,461	1,402	3,576	3,466
Want job now	1,120	978	2,313	2,008	323	231	713	632
In school	516	488	526	416	156	83	141	151
Ill health, disability	220	160	243	190	57	62	73	105
Home responsibilities ¹	--	--	679	639	--	--	286	194
Think cannot get job	214	155	416	312	73	48	105	92
All other reasons	170	175	449	451	37	38	108	90
Percent distribution								
Want job now	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	46.1	49.9	22.7	20.7	48.3	35.9	19.8	23.9
Ill health, disability	19.6	16.4	10.5	9.5	17.6	26.8	10.2	16.6
Home responsibilities ¹	--	--	29.4	31.8	--	--	40.1	30.7
Think cannot get job	19.1	15.8	18.0	15.5	22.6	20.8	14.7	14.6
All other reasons	15.2	17.9	19.4	22.5	11.5	16.5	15.1	14.2

¹Small 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

1st 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	807	116	101	420	173	630	178
Employers think too young or old	115	13	--	16	87	107	8
Lacks education or training	111	25	17	65	6	85	26
Other personal handicap	42	7	9	22	4	32	10
Could not find job	277	57	38	147	36	192	84
Thinks no job available	262	15	36	169	42	213	49
Male	287	53	52	86	96	214	73
Employers think too young or old	63	9	--	8	46	55	8
Lacks education or training	24	10	8	6	--	19	5
Other personal handicap	24	3	7	11	2	14	10
Could not find job	91	23	19	28	22	68	22
Thinks no job available	85	8	17	34	26	57	28
Female	520	62	49	333	77	416	105
Employers think too young or old	52	3	--	8	41	52	--
Lacks education or training	87	14	9	59	6	66	21
Other personal handicap	18	4	2	11	2	18	--
Could not find job	187	34	20	119	14	124	62
Thinks no job available	177	7	18	135	15	156	21

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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	
	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970
Total										
Not in labor force (in thousands)	56,058	54,705	8,238	7,883	5,168	4,863	22,706	22,559	19,946	19,399
Never worked	10,439	10,190	4,195	3,861	894	817	2,582	2,635	2,768	2,876
Last worked over 5 years ago	24,962	24,765	31	17	270	302	11,652	11,957	13,009	12,487
Last worked 1 to 5 years ago	9,565	8,806	549	508	1,622	1,415	4,762	4,267	2,633	2,616
Left job previous 12 months	11,091	10,944	3,463	3,496	2,381	2,327	3,711	3,699	1,536	1,421
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	47.5	50.7	62.9	63.9	66.8	74.1	38.4	41.1	5.2	5.3
Ill health, disability	8.5	7.8	.8	1.1	2.8	2.1	15.8	13.8	17.1	17.6
Retirement, old age	7.1	5.8	--	--	--	--	1.4	1.0	47.9	41.7
Economic reasons	21.1	18.8	21.3	17.8	14.3	9.3	25.0	23.8	21.6	24.1
End of seasonal job	9.6	9.1	12.2	10.7	5.4	3.8	9.3	9.6	10.6	12.6
Slack work	6.0	4.4	4.4	2.9	4.2	2.2	8.7	6.9	5.4	5.8
End of temporary job	5.5	5.3	4.6	4.2	4.7	3.4	7.0	7.3	5.6	5.8
All other reasons	15.8	16.9	15.0	17.2	16.1	14.5	19.4	20.4	8.1	11.3
Male										
Not in labor force (in thousands)	14,233	13,528	3,696	3,501	1,405	1,308	2,010	1,869	7,122	6,849
Never worked	2,069	1,729	1,635	1,395	247	203	158	103	28	29
Last worked over 5 years ago	5,324	5,196	17	9	22	21	612	620	4,673	4,546
Last worked 1 to 5 years ago	2,490	2,349	200	173	203	202	588	526	1,498	1,446
Left job previous 12 months	4,349	4,253	1,844	1,924	932	882	651	618	922	828
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	43.5	47.5	63.5	65.1	65.0	73.0	14.7	18.1	2.1	1.2
Ill health, disability	9.6	9.2	1.1	.9	2.4	1.6	33.4	33.5	17.0	18.1
Retirement, old age	12.8	10.1	--	--	--	--	4.8	3.2	57.0	49.6
Economic reasons	19.1	17.7	20.3	17.2	13.7	9.3	25.0	24.0	18.1	23.2
End of seasonal job	8.9	9.6	10.1	10.8	4.5	5.5	9.5	9.4	10.4	11.3
Slack work	6.1	4.3	5.3	2.7	4.9	1.5	12.4	11.8	4.2	5.2
End of temporary job	4.1	3.8	4.9	3.7	4.3	2.3	3.1	2.9	3.5	6.6
All other reasons	14.9	15.6	15.1	16.8	18.9	16.1	22.1	21.1	5.8	8.0
Female										
Not in labor force (in thousands)	41,825	41,178	4,541	4,382	3,763	3,554	20,696	20,690	12,824	12,552
Never worked	8,370	8,460	2,560	2,467	647	614	2,424	2,532	2,738	2,848
Last worked over 5 years ago	19,638	19,569	13	8	249	282	11,040	11,338	8,337	7,941
Last worked 1 to 5 years ago	7,075	6,457	349	335	1,418	1,213	4,173	3,739	1,135	1,169
Left job previous 12 months	6,742	6,691	1,619	1,572	1,449	1,445	3,060	3,081	614	593
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	50.1	52.8	62.2	62.5	68.0	74.7	43.4	45.6	10.1	11.0
Ill health, disability	7.8	6.9	.5	1.5	3.0	2.4	12.0	9.7	17.2	17.0
Retirement, old age	3.4	3.0	--	--	--	--	.7	.6	34.3	30.9
Economic reasons	22.3	19.5	22.4	18.5	14.6	9.3	25.1	23.8	26.7	25.3
End of seasonal job	10.0	8.8	14.7	10.7	5.9	2.7	9.3	9.7	10.9	14.3
Slack work	5.9	4.6	3.5	3.0	3.7	2.6	7.9	5.9	7.0	6.4
End of temporary job	6.4	6.2	4.3	4.8	5.0	4.0	7.8	8.2	8.8	4.6
All other reasons	16.3	17.8	14.9	17.6	14.4	13.6	18.9	20.2	11.7	15.9

HOUSEHOLD DATA QUARTERLY AVERAGES

**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	
	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970	1st 1971	1st 1970
Total not in labor force (in thousands)	12,449	11,895	37,536	37,080	1,784	1,633	4,289	4,098
Never worked	1,664	1,452	7,422	7,500	405	277	947	961
Last worked over 5 years ago	4,745	4,630	18,000	18,017	580	566	1,637	1,552
Last worked 1 to 5 years ago	2,231	2,101	6,224	5,811	259	248	852	645
Left job previous 12 months	3,809	3,712	5,890	5,752	540	541	852	940
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	44.9	47.5	51.6	54.1	33.4	47.0	40.3	44.7
Ill health, disability	8.8	9.0	7.4	6.1	15.6	10.5	10.9	11.7
Retirement, old age	13.9	10.8	3.7	3.4	5.0	5.5	1.4	.5
Economic reasons	17.8	17.3	21.6	19.1	28.6	20.3	27.6	22.4
End of seasonal job	8.3	9.1	8.8	8.3	13.2	12.8	18.5	11.7
Slack work	5.6	4.1	5.9	4.4	9.3	5.0	5.5	5.5
End of temporary job	3.9	4.0	6.9	6.3	6.1	2.6	3.5	5.1
All other reasons	14.6	15.4	15.8	17.3	17.4	16.6	19.8	20.7

Advertisement on page 126 omitted.

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.

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 contract construction, 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 28 States (as of January 1, 1970). 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 noninstitutional 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.

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 for 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.

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

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)
BOTH SEXES		
Labor force and total employment	190	145
Agriculture	120	100
Nonagricultural employment	200	150
Unemployment	75	80
MALE		
Labor force and total employment	100	75
Agriculture	95	80
Nonagricultural employment	120	95
Unemployment	60	60
FEMALE		
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	—	—	—	—	—

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 a 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	0.8	1.2	1.8	2.5	2.9	3.3	3.4	3.9	4.0
250 . . . . .	.7	.8	1.4	1.9	2.3	2.5	2.8	3.0	3.2
500 . . . . .	.5	.7	1.0	1.4	1.6	1.8	1.9	2.1	2.3
1,000 . . . . .	.3	.4	.7	1.0	1.2	1.4	1.4	1.6	1.6
2,000 . . . . .	.3	.3	.5	.7	.7	.8	1.0	1.1	1.2
3,000 . . . . .	.2	.3	.4	.7	.7	.7	.8	.8	1.0
5,000 . . . . .	.2	.2	.3	.4	.5	.7	.7	.7	.7
10,000 . . . . .	.1	.2	.3	.3	.3	.4	.4	.5	.5
25,000 . . . . .	.1	.1	.2	.2	.3	.3	.3	.3	.3
50,000 . . . . .	.1	.1	.1	.2	.2	.2	.2	.3	.3
75,000 . . . . .	.1	.1	.1	.1	.2	.2	.2	.2	.2

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 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 foremen 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 work-

ers, 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, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

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 absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Average Overtime Hours

The overtime hours represent that portion of the 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 gross 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.

"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 employment, and the payroll aggregates are the product of gross average weekly earnings and production-worker employment.

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 another establishment of the company.

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 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 1969 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 as shown in table E.

Table E. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1967-1969

Industry division	1967	1968	1969
Total	100.0	100.4	99.8
Mining	99.5	101.7	101.5
Contract construction . .	101.6	99.5	99.0
Manufacturing	99.5	99.8	99.8
Transportation and public utilities	99.8	100.7	100.4
Wholesale and retail trade	100.7	100.3	100.0
Finance, insurance, and real estate	100.2	99.2	100.0
Services	99.8	99.2	99.1
Government	100.0	102.8	100.1

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 samples 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 larger 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 smaller 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 specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail.

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table 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 G shows the approximate coverage, in terms of employment, of the labor turnover sample.

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

Table F. Approximate size and coverage of BLS employment and payrolls sample, March 1969¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Per cent of total
Mining	2,300	297,000	49
Contract construction . . .	16,400	773,000	25
Manufacturing	47,000	12,550,000	63
Transportation and public utilities:			
Railroad transportation (ICC)	100	590,000	92
Other transportation and public utilities	7,100	2,082,000	56
Wholesale and retail trade . .	40,000	2,813,000	20
Finance, insurance, and real estate	9,600	1,243,000	36
Services	23,500	2,377,000	22
Government:			
Federal (Civil Service Commission) ²	3,300	2,737,000	100
State and local	9,600	5,065,000	53

¹ 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.

² 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. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1969

Industry	Employees	
	Number reported	Percent of total
Manufacturing ¹	10,448,400	52
Metal mining	64,400	72
Coal mining	59,000	44
Communication:		
Telephone	605,200	71
Telegraph	22,400	69

¹ Since some establishments do not report the information, job vacancy estimates currently are based on reports from approximately 90 percent of the sample establishments covering about 43 percent of universe employment.

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 6 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 errors¹ for average weekly hours and average hourly earnings by industry division

Industry division	Average benchmark revision in estimates of employment ²	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	1.0	.2	.3
Manufacturing . . . . .	.3	.1	.1
Durable goods . . . . .	.4	.1	.1
Nondurable goods . . . . .	.3	.1	.1
Transportation and public utilities . . . . .	.3	.7	.4
Trade . . . . .	.4	.1	.2
Wholesale	1.1	.2	.3
Retail . . . . .	.3	.2	.2
Finance, insurance, and real estate . . . . .	.5	.2	.4
Services . . . . .	.8	.4	.8
Government ³	-	-	-

¹ Relative errors relate to March 1969 data.

² The average percent revision in employment for the 6 most recent benchmarks (1964-69).

³ 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 changes are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

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

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

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

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

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 ¹	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,000	0.9	1.5
100,000	2,800	.7	1.1
200,000	3,800	.5	.9
500,000	7,500	.4	.8
1,000,000	11,200	.3	.5
2,000,000	17,500	.3	.5

¹ Assuming 12-month intervals between benchmark revisions.

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 amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than .1 of an hour for weekly hours and 1 cent for hourly earnings.

Table J. Errors of preliminary employment estimates

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	700	600
100,000	900	800
200,000	1,800	1,700
500,000	3,000	2,900
1,000,000	5,000	5,000
2,000,000	9,700	9,400
10,000,000	31,400	30,600
Total nonagricultural employment	88,000	80,000

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.

Table K. Relative errors of estimates of job vacancy data

Industry	Relative error ¹ (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

¹ Expressed as a percent of the estimate.

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 figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented (from the earliest 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 disputes 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

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 weekly hours 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, for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted, and dividing by the 1967 base. For total, 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 Post Office Department 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 Post Office Department. 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 February 1970. Seasonal factors to be used for current adjustment are shown in the June 1970 *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 eight years of data, although there are special adjustment programs for as few as three 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 1969 benchmarks. Data from April 1969 forward are subject to revision at the time of the next benchmark.

Beginning with the June 1970 and subsequent issues of *Employment and Earnings*, the national data in Section B, C, and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1970*. Comparable data will be published in *Employment and Earnings, United States, 1909-70*, BLS Bulletin 1312-7.

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)
Monthly Data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	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.
Annual Average Data		
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.

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Bureau of Labor Statistics

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Employment and Labor Turnover Statistics Programs

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Region

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IX	ARIZONA	- Unemployment Compensation Division, Employment Security Commission, Phoenix 85005
VI	ARKANSAS	- Employment Security Division, Department of Labor, Little Rock 72203
IX	CALIFORNIA	- Division of Labor Statistics and Research, Department of Industrial Relations, Human Relations Agency, San Francisco 94101 (Employment).
VIII	COLORADO	- Department of Labor and Employment, Denver 80203
I	CONNECTICUT	- Employment Security Division, Connecticut Labor Department, Hartford 06115
III	DELAWARE	- Department of Labor, Wilmington 19899
III	DIST. OF COL.	- Manpower Training and Employment Services Administration for the District of Columbia, Washington 20212
IV	FLORIDA	- Department of Commerce, Tallahassee 32304
IV	GEORGIA	- Employment Security Agency, Department of Labor, Atlanta 30334
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IV	KENTUCKY	- Bureau of Employment Security, Department of Economic Security, Frankfort 40601
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I	MASSACHUSETTS	- Division of Statistics, Department of Labor and Industries, Boston 02202 (Employment). Division of Employment Security, Boston 02215 (Turnover).
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VII	MISSOURI	- Division of Employment Security, Jefferson City 65102
VIII	MONTANA	- Employment Security Commission, Helena 59601
VII	NEBRASKA	- Division of Employment, Department of Labor, Lincoln 68509
IX	NEVADA	- Employment Security Department, Carson City 89701
I	NEW HAMPSHIRE	- Department of Employment Security, Concord 03301
II	NEW JERSEY	- Division of Planning and Research, Department of Labor and Industry, Trenton 08625
VI	NEW MEXICO	- Employment Security Commission, Albuquerque 87103
II	NEW YORK	- Research and Statistics Office, Division of Employment, N.Y. State Department of Labor, State Campus Building 12, Albany 12201
IV	NORTH CAROLINA	- Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
VIII	NORTH DAKOTA	- Employment Security Bureau, Bismarck 58501
V	OHIO	- Division of Research and Statistics, Bureau of Employment Services, 145 S. Front St., Columbus 43216
VI	OKLAHOMA	- Employment Security Commission, Oklahoma City 73105
X	OREGON	- Division of Employment, Salem 97310
III	PENNSYLVANIA	- Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
I	RHODE ISLAND	- Division of Statistics and Census, Department of Labor, Providence 02908 (Employment). Department of Employment Security, Providence 02903 (Turnover).
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