

EMPLOYMENT AND EARNINGS

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EMPLOYMENT AND UNEMPLOYMENT DEVELOPMENTS, JULY 1969

Employment continued to show moderate strength in July, but the overall unemployment rate moved up from 3.4 to 3.6 percent. The jobless rate has edged up from the post-Korean low of 3.3 percent recorded in the December-February period but has remained within a 3.3-3.7 percent range for the past year and a half.

Unemployment

There were 3.2 million persons unemployed in July, a decline of 225,000 from June. However, the decline was less than usual for the June-to-July period, and unemployment was up by 125,000 after seasonal adjustment. Unemployment has risen by 275,000 since the 12-year low reached in December, with 200,000 of the increase occurring among adult male workers.

The jobless rate for adult men rose from 2.0 percent in June to 2.2 percent in July. The rate was up slightly from the alltime lows recorded in the November-June period, when it ranged from 1.8 to 2.0 percent.

The unemployment rates for married men (1.6 percent) and for full-time workers (3.2 percent) were virtually unchanged over the month. The rate for persons covered under State unemployment insurance programs edged up from 2.1 to 2.2 percent. The rates for married men and insured workers were up slightly from recent record lows, but that for full-time workers has risen by half a percentage point since its December 1968 low point.

The unemployment rate in July for adult women was 3.7 percent for the third consecutive month and was not substantially different from the post-Korean low of 3.5 percent that prevailed from November through March. The jobless rate for teenagers edged up to 12.2 percent in July, after falling from 12.5 percent in May to 11.6 percent in June.

The July increase in the unemployment rate occurred among white workers, as their rate rose from 3.0 to 3.2 percent. The increase took place among males, both teenagers and adults. The rate for nonwhite workers, after rising to 7.0 percent in June, fell back to 6.4 percent in July. Teenagers accounted for most of the nonwhite decline, as their rate dropped from 28.6 to 22.3 percent. The rate for nonwhite adult men moved down to 3.8 percent but remained above the 3.2 percent recorded in February and March.

Increases in unemployment occurred among persons who had last worked in construction, finance and services, and agriculture. Although the unemployment rate in construction moved up to 5.7 percent from its record low of 5.0 percent in June, it was in line with the rates recorded earlier this year. Jobless rates for nonfarm laborers and farm workers also rose over the month.

Long-term unemployment of 15 weeks or more remained at about 400,000 (seasonally adjusted) in July for the fourth consecutive month. Long-term joblessness has increased by 100,000 since the beginning of the year, with very long-term unemployment (27 weeks or more) accounting for half of the rise.

Payroll Employment

Total nonfarm payroll employment was 70.6 million in July, down 400,000 over the month. The decline was less than usual for July, and, after seasonal adjustment, payroll employment advanced by 190,000. With the exception of April when employment rose by only 80,000, this was the smallest gain thus far in 1969.

The seasonally adjusted increase was highlighted by gains of 90,000 in manufacturing, 40,000 in State and local government, 30,000

each in trade and in transportation and public utilities, and 15,000 in finance, insurance, and real estate. However, about one-third of the employment pickups in both manufacturing and trade were due to the return to work of striking employees. The only over-the-month employment declines occurred in contract construction (15,000) and services (10,000). The drop in construction reflected mainly increased strike activity.

The rise in manufacturing employment in July occurred largely in the durable goods sector, where 9 of the 11 individual industries reported seasonally adjusted increases. Employment rose 30,000 in transportation equipment, about half due to the return of strikers, and 20,000 in the electrical equipment industry. In the nondurable goods sector, employment increases occurred in the apparel and textile industries (up by 10,000 each).

Hours and Earnings

Average weekly hours for the Nation's rank-and-file workers on nonagricultural payrolls were unchanged in July at 37.8 hours (seasonally adjusted) for the fifth consecutive month. The workweek was virtually the same as in July a year ago.

For production workers in manufacturing, the workweek declined seasonally between June and July and, after seasonal adjustment, held steady at its May and June level of 40.7 hours. The

July level equaled the 1968 average but was 0.3 hour below the 1968 peak reached last September. Factory overtime averaged 3.6 hours for the third month in a row and was unchanged from a year ago.

Average hourly earnings for all workers on private payrolls rose 1 cent in July to \$3.03. Compared with July 1968, hourly earnings were up 18 cents (6.3 percent).

Average weekly earnings were up 68 cents over the month to \$115.44, as declines in manufacturing and finance, insurance, and real estate were countered by gains in construction and trade. The 86-cent drop in weekly earnings in manufacturing occurred because of the usual July decline in weekly hours. Since July 1968, average weekly earnings for all rank-and-file workers have increased by \$6.57, or 6.0 percent.

Labor Force and Total Employment

The civilian labor force increased by 450,000 between June and July to 82.8 million. After seasonal adjustment, the labor force was up by 325,000, with all of the increase occurring among adult workers.

A total of 79.6 million persons were employed in July, 650,000 more than in June. The increase was 200,000 more than usual for this time of year. On a seasonally adjusted basis, employment in nonagricultural industries increased by 350,000, but there was a decrease of 150,000 in agriculture.

The 1969 Summer Youth Job Situation

by Hazel M. Willacy*

In the summer months of each year, a large number of youths ^{1/} enter the civilian labor force, some seeking permanent employment after completion of their formal education and some seeking jobs only for the summer. Their lack of work experience and skills often prevents many of this large influx from finding employment. During the period of general economic expansion since 1964, the unemployment rate for young persons 16 to 21 years of age has declined steadily but nonetheless has continued at high levels.

About 11.4 million 16 to 21 year-olds were employed in the summer of 1969, a gain of 215,000 from the previous summer. Since their number in the civilian labor force was virtually unchanged from 1968, the youth employment increase reduced their joblessness by almost 150,000 and brought total youth unemployment to slightly less than 1.7 million in the summer of 1969. (See table 1.) Consequently, the unemployment rate for youth fell to 12.8 percent in June and July of 1969, 1.2 percentage points lower than a year earlier. The 1969 rate was the lowest summer level attained since 1964.

Civilian Labor Force

The leveling off in the youth civilian labor force, which probably was an important factor in this summer's improvement in the youth job situation, can be attributed to two major factors. First, the large increases in the young work force in recent years resulting from the post-World War II baby boom have subsided, and thus the number of young jobseekers is no longer rising as rapidly as it had been. Second, a large proportion of young men are entering the Armed Forces and, therefore, are not competing for

civilian jobs. About 1.5 million young men were in the Armed Forces in the June-July period of 1969, a gain of 50,000 from 1968.

The relative stability of the youth civilian labor force reflects offsetting movements in male and female labor force participation rates and civilian labor force levels. The labor force participation rate for all 16-21 year-olds this summer was the same as a year ago. However, the rate for male youth dropped somewhat in 1969, while the converse was true for young women. Since the civilian noninstitutional population for both groups was not changed significantly over the year, the changes in the extent of labor force participation resulted in an increase in the female youth civilian labor force, while the male youth civilian labor force declined.

The drop in the male youth labor force participation rate occurred among both white and nonwhite workers. This decline reflects a rise in the proportion of males 16 to 19 who were not in the labor force due to reasons such as anticipated entrance into school or the Armed Forces, voluntary idleness, and possibly discouragement over job prospects. On the other hand, the increase in female youth participation occurred exclusively among whites, since the nonwhite rate fell over the year as a result of a rise in the proportion of these young persons in school.

Employment

Although unemployment declined, the 215,000 gain in youth employment in 1969 was substantially less than the average year-to-year increase of 600,000 registered in the 1964-68 period. Much of the job growth for youth may be attributable to the concerted efforts of many private and public employers to provide summer job opportunities.

The 1969 job growth occurred entirely among young women, as the level of employment for male youth showed no over-the-year change.

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^{1/} Summer data in this article are averages for June and July, not seasonally adjusted. Youths are persons 16 to 21 years of age, unless otherwise specified.

This growth for young women was counter to the trend exhibited between 1964 and 1968. Employment of white and nonwhite youth increased roughly in proportion to the size of their labor force.

Over four-fifths—almost 9.3 million—of the 11.4 million youths employed in the summer of 1969 held jobs in the private nonfarm sector, about 350,000 more than last year. The service-producing industries employed the majority of these 16 to 21 year-olds—5.8 million, an increase of 275,000 from 1968. The goods-producing industries provided jobs for 3.0 million youth in 1969, 110,000 more than in the previous year. This was the first summer that youth employment in the goods-producing industries showed growth since 1966.

Outside of the private nonfarm sector, employment declined in government and agriculture (100,000 and 45,000, respectively). (See table 2.) The drop in Federal, State, and local governments brought the employment level to 1.2 million in 1969 and was in sharp contrast to past summers when youth made their greatest employment gains in this sector. The proportion of youth employed in government increased from about 7 percent in the summer of 1964 to about 12 percent in 1968; in 1969, the proportion declined to 10-1/2 percent.

As in the previous year, retail trade was the largest single employer of youth in 1969, although 100,000 fewer 16 to 21 year-olds held retail trade jobs than in the previous year. Manufacturing employed 2.4 million youth in 1969, an increase of 70,000 or one-third of the total job gain. This rise represents the first increase in this industry since the 400,000 boost in 1966. In 1967 and 1968, the number of 16 to 21 year-olds employed in manufacturing remained unchanged. Youth employment in personal, business, and repair services picked up by almost 60,000 over the year. Medical and hospital services employment also rose 50,000 over the year.

Nonwhite youth were more likely to hold government jobs than whites; about one-fifth of the employed nonwhites worked for Federal,

State, or local government in 1969, compared with slightly less than one-tenth of the whites. Furthermore, nonwhite youths accounted for one-fifth of all young government workers in 1969, but only 9 percent of nonagricultural private wage and salary employment. Despite the overall decline in youth employment in government this summer, the number of nonwhite employed in government remained unchanged; white youth accounted for the entire reduction in government jobs.

The Composition of Youth Unemployment

Teenagers (16-19 year-olds) represented by far the largest group among unemployed youth; they constituted four-fifths of total unemployed young persons, even though they accounted for only about two-thirds of the total youth civilian labor force. At 15.2 percent in 1969, the teenage jobless rate was higher than that for the overall 16 to 21 year-old group. The unemployment rate for 16-21 year-olds largely reflects this high unemployment rate for teenagers. About half of the unemployed 16 to 19 year-olds in 1969 were new entrants to the labor force with no previous work experience.

Young women 16-21 years old experienced greater difficulty than men in finding employment in the summer of 1969. Although almost 1.1 million more male than female youths were in the civilian labor force, about 860,000 girls were jobless compared with 815,000 boys. As a result, the unemployment rate for female youth was 14.3 percent in 1969, compared with 11.5 percent for young male jobseekers. However, the jobless rate for young women improved proportionately more than for young men since last year, as the jobless rate for 16-21 year-old women fell 1.8 percentage points while the male rate was only slightly lower than a year ago.

A disproportionately large number of nonwhites were among the ranks of unemployed youth; they made up almost one-fourth of the unemployed total, even though they accounted for only slightly more than 12 percent of the total youth labor force. The nonwhite jobless rate was

24.6 percent in 1969, more than double the white unemployment rate of 11.2 percent. Both white and nonwhite youth fared somewhat better in their quest for employment in 1969 than a year ago, although the jobless rate for nonwhites showed relatively less improvement.

Unlike 1968, when the youth jobless rate in the central cities of the 20 largest SMSA's declined, the rate of unemployment in these areas did not improve in the summer of 1969. Moreover, both the nonwhite and white youth unemployment rates in the central cities rose over

the year, although the nonwhite rate showed by far the greater increase. As a result, the ratio of the two rates increased from 2 to 1 in 1968 to almost 3 to 1 in 1969.

Joblessness was only one of the employment problems faced by youth in 1969. While their jobless rate fell over the year, the number confined to economic part-time work rose by 100,000. Thus, in addition to the 1.7 million unemployed youth, nearly 1.1 million 16 to 21 year-olds in the summer of 1969 wanted full-time jobs but could find only part-time employment.

Table 1. Employment status of young persons 16-21 years
by sex and color, June-July averages, 1965-69
(In thousands)

Employment status, sex, and color	1969	1968	1967	1966	1965
TOTAL					
Civilian noninstitutional population.....	19,998	19,871	19,139	18,591	17,951
Civilian labor force.....	13,098	13,026	12,457	11,984	11,039
Labor force participation rate.....	65.5	65.6	65.1	64.5	61.5
Employed.....	11,420	11,206	10,790	10,367	9,358
Unemployed.....	1,678	1,821	1,667	1,618	1,681
Unemployment rate.....	12.8	14.0	13.4	13.5	15.2
MALE					
Civilian noninstitutional population.....	9,358	9,296	9,004	8,855	8,583
Civilian labor force.....	7,086	7,148	6,981	6,827	6,519
Labor force participation rate.....	75.7	76.9	77.5	77.1	76.0
Employed.....	6,270	6,275	6,136	6,041	5,598
Unemployed.....	817	873	845	787	921
Unemployment rate.....	11.5	12.2	12.1	11.5	14.1
FEMALE					
Civilian noninstitutional population.....	10,640	10,575	10,136	9,736	9,368
Civilian labor force.....	6,012	5,879	5,476	5,157	4,520
Labor force participation rate.....	56.5	55.6	54.0	53.0	48.2
Employed.....	5,150	4,931	4,654	4,326	3,760
Unemployed.....	862	947	822	831	760
Unemployment rate.....	14.3	16.1	15.0	16.1	16.8
WHITE					
Civilian noninstitutional population.....	17,302	17,266	16,651	16,222	15,711
Civilian labor force.....	11,481	11,402	10,920	10,530	9,703
Labor force participation rate.....	66.4	66.0	65.6	64.9	61.8
Employed.....	10,199	10,003	9,634	9,269	8,346
Unemployed.....	1,282	1,399	1,286	1,261	1,357
Unemployment rate.....	11.2	12.3	11.8	12.0	14.0
NONWHITE					
Civilian noninstitutional population.....	2,696	2,606	2,489	2,369	2,241
Civilian labor force.....	1,617	1,624	1,538	1,454	1,336
Labor force participation rate.....	60.0	62.3	61.8	61.4	59.6
Employed.....	1,221	1,203	1,156	1,098	1,012
Unemployed.....	397	422	382	356	325
Unemployment rate.....	24.6	26.0	24.8	24.5	24.3

NOTE: Data prior to 1967 not strictly comparable with data for subsequent years because of changes in definitions introduced in that year.

Table 2. Employment of young persons 16-21 years by major industry group, class of worker, and color, June-July averages, 1965-69
(In thousands)

Industry, class of worker, and color	1969	1968	1967	1966	1965
TOTAL					
Total employed.....	11,420	11,206	10,790	10,367	9,358
Agriculture.....	773	816	829	820	906
Nonagricultural industries.....	10,647	10,390	9,962	9,547	8,452
Private wage and salary workers.....	9,257	8,905	8,656	8,345	7,533
Private household workers.....	469	498	542	537	562
Other private wage and salary workers.....	8,788	8,407	8,115	7,808	6,972
Goods-producing industries.....	3,006	2,899	2,878	2,910	2,483
Service-producing industries.....	5,782	5,508	5,237	4,897	4,488
Government workers.....	1,215	1,319	1,152	978	727
Self-employed and unpaid family workers.....	176	167	153	225	193
WHITE					
Total employed.....	10,199	10,003	9,634	9,269	8,346
Agriculture.....	638	673	678	663	690
Nonagricultural industries.....	9,561	9,331	8,957	8,606	7,656
Private wage and salary workers.....	8,431	8,102	7,870	7,594	6,835
Private household workers.....	422	435	471	470	471
Other private wage and salary workers.....	8,010	7,667	7,400	7,132	6,370
Goods-producing industries.....	2,679	2,601	2,595	2,634	2,250
Service-producing industries.....	5,331	5,066	4,805	4,498	4,120
Government workers.....	968	1,072	948	808	638
Self-employed and unpaid family workers.....	163	158	139	205	183
NONWHITE					
Total employed.....	1,221	1,203	1,156	1,098	1,012
Agriculture.....	136	144	152	157	216
Nonagricultural industries.....	1,085	1,055	1,005	942	796
Private wage and salary workers.....	826	803	786	751	697
Private household workers.....	48	63	72	75	95
Other private wage and salary workers.....	778	741	712	681	604
Goods-producing industries.....	327	298	281	279	233
Service-producing industries.....	451	443	431	402	371
Government workers.....	247	247	205	171	90
Self-employed and unpaid family workers.....	13	9	15	19	10

NOTE: See note, Table 1.

Chart 1.

LABOR FORCE AND EMPLOYMENT

1957 to date
(Seasonally adjusted)

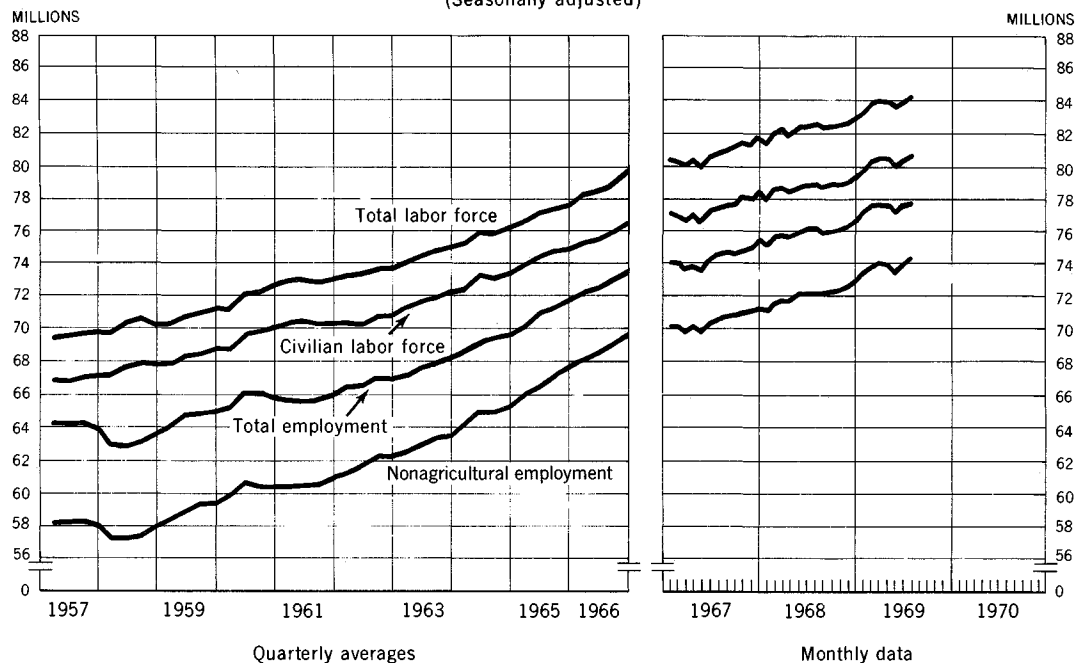
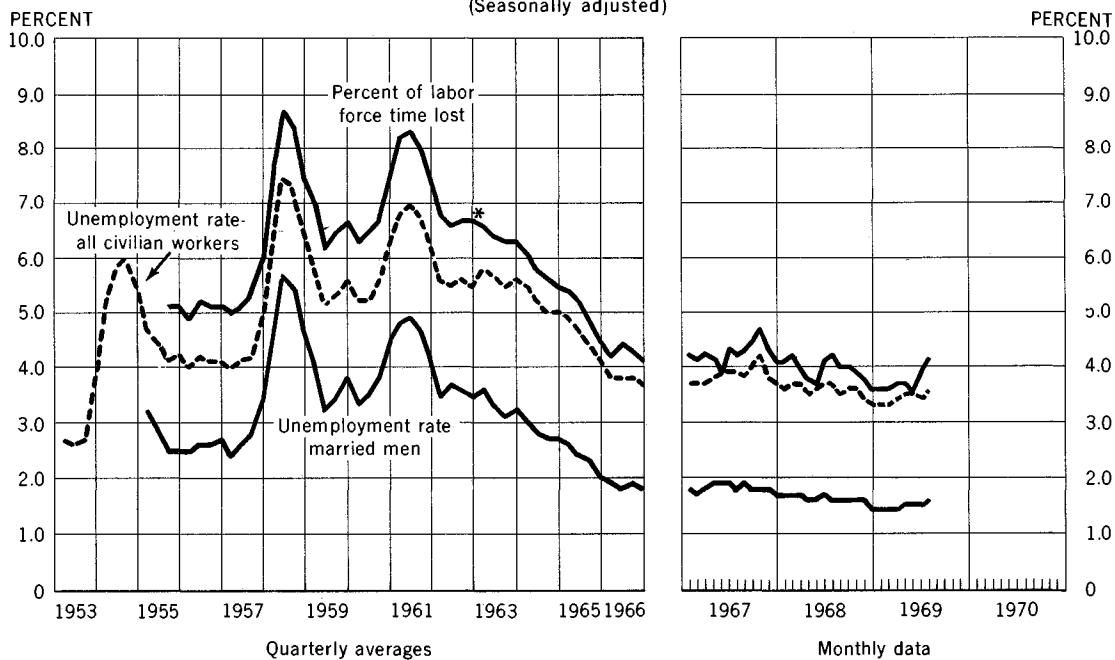


Chart 2.

MAJOR UNEMPLOYMENT INDICATORS

1953 to date
(Seasonally adjusted)

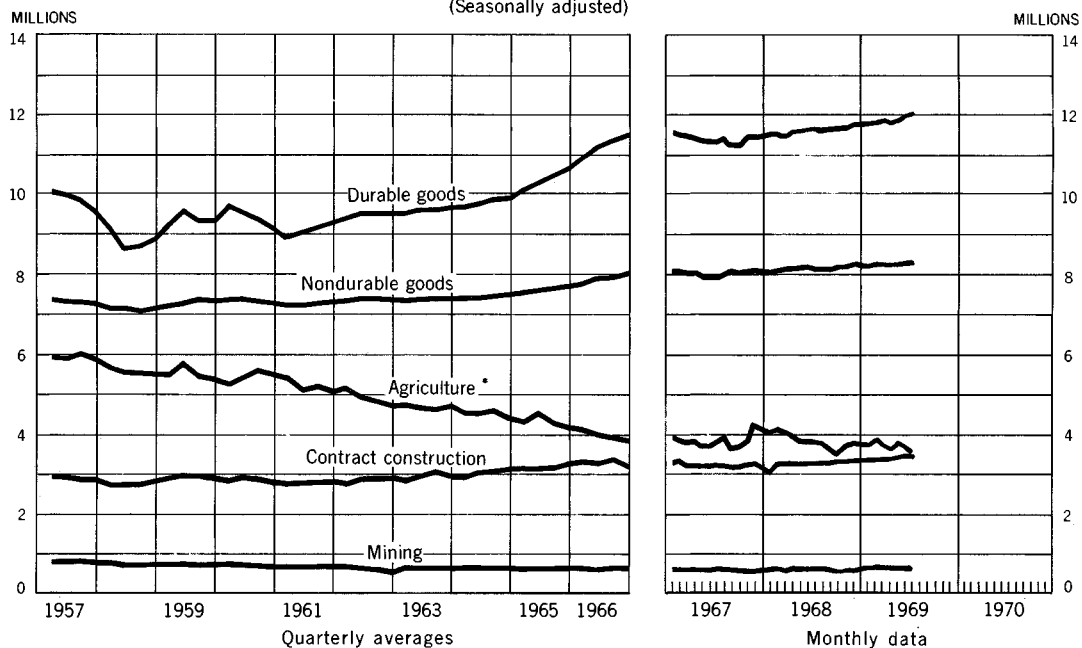


* Series revised beginning 1963 to reflect whether unemployed persons sought full-or part-time jobs

Chart 3.

PAYROLL EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)

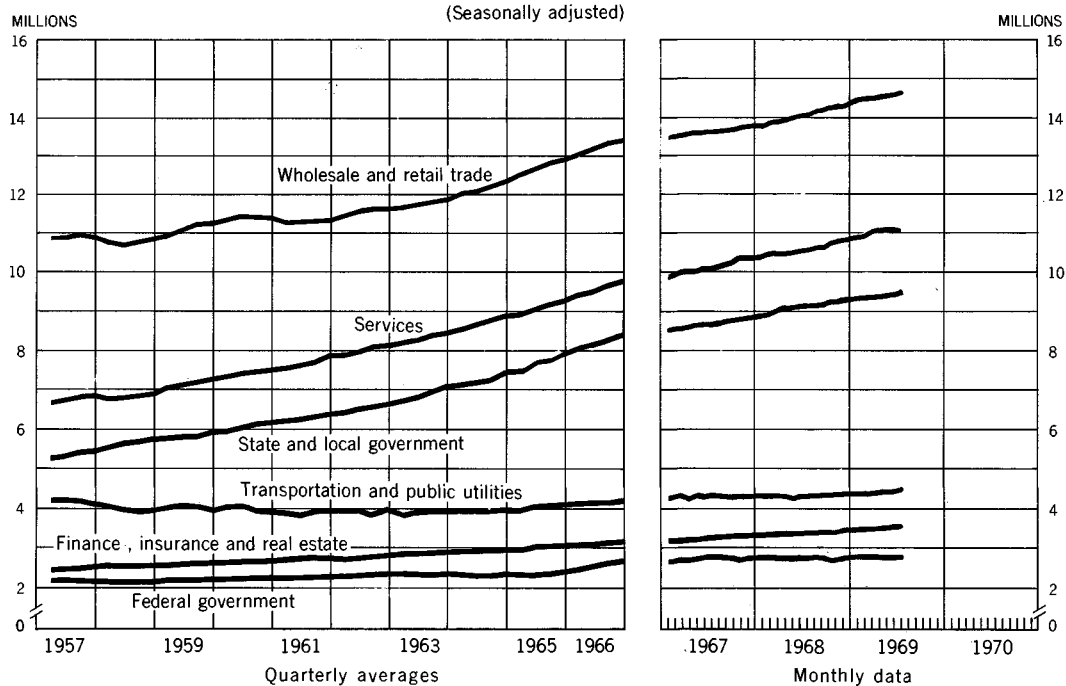


*Includes self-employed and unpaid family workers.
Note: Data for 2 most recent months are preliminary.

Chart 4.

PAYROLL EMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 5.

UNEMPLOYMENT RATES BY AGE AND SEX

1953 to date
(Seasonally adjusted)

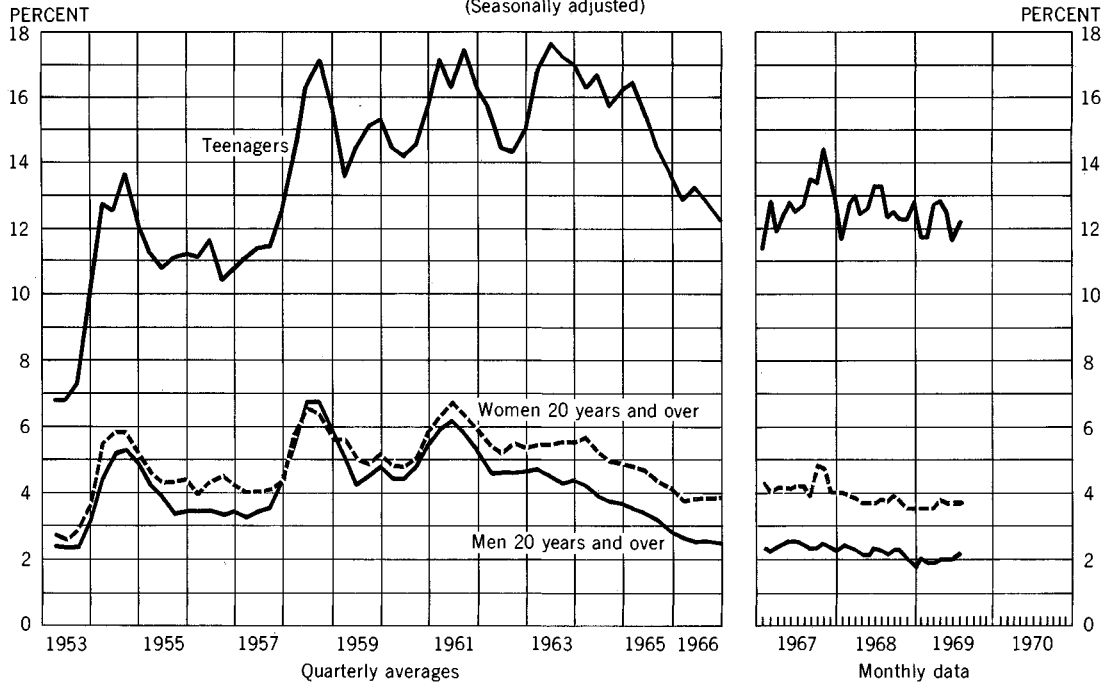


Chart 6.

TOTAL UNEMPLOYMENT BY DURATION

1953 to date
(Seasonally adjusted)

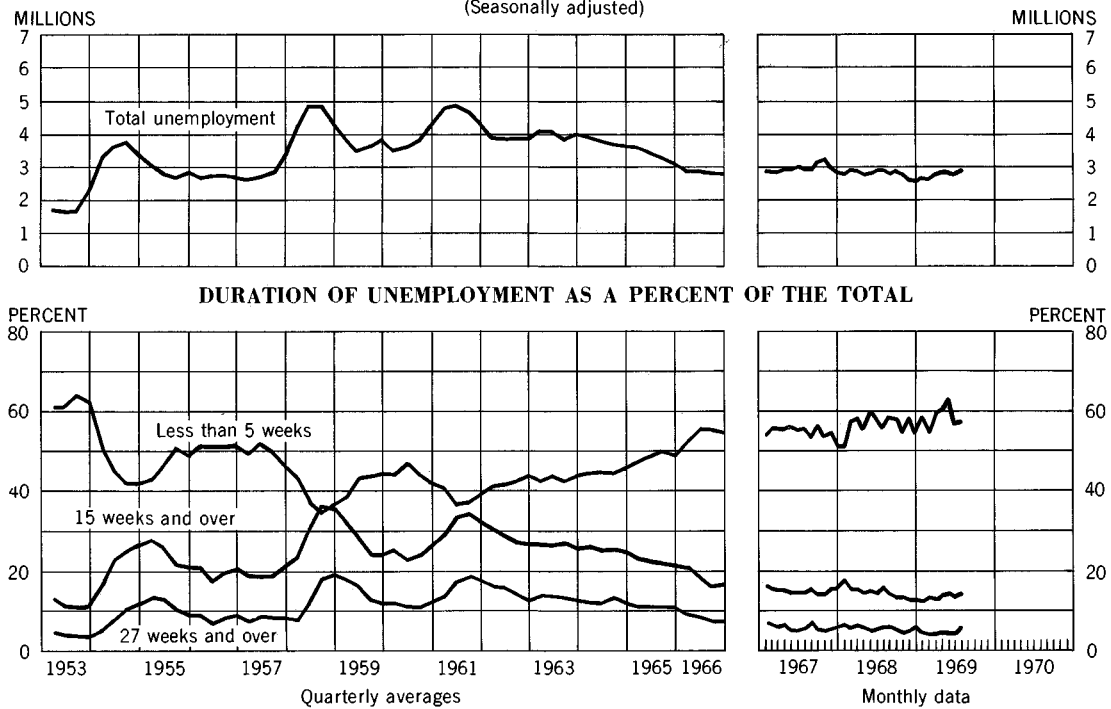
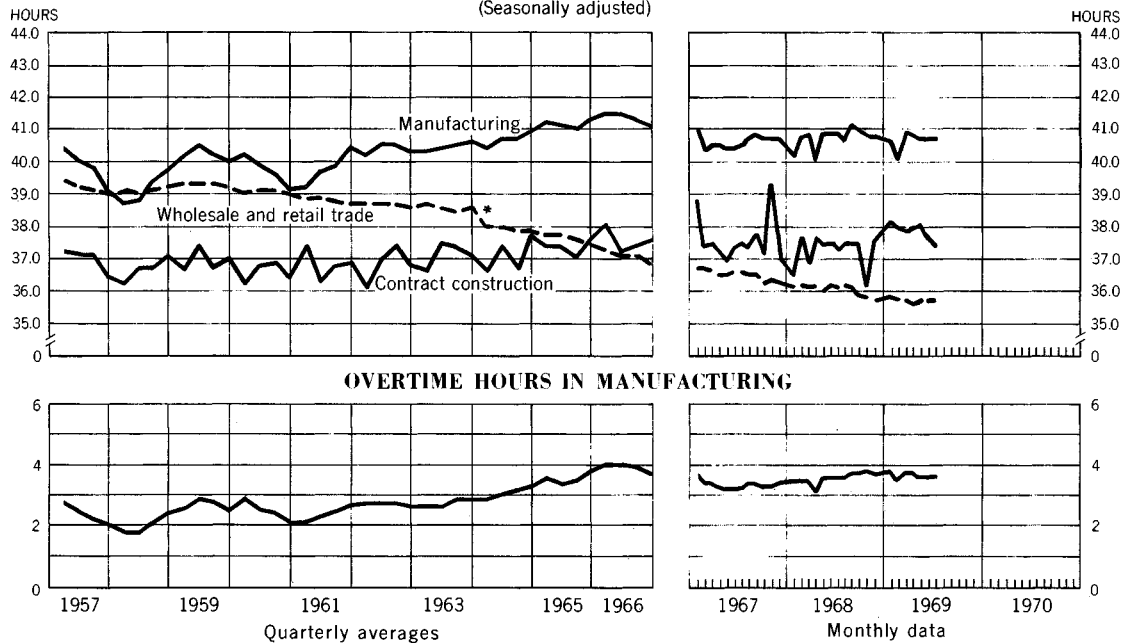


Chart 7.

HOURS OF WORK IN MANUFACTURING, CONTRACT CONSTRUCTION, AND TRADE

1957 to date
(Seasonally adjusted)

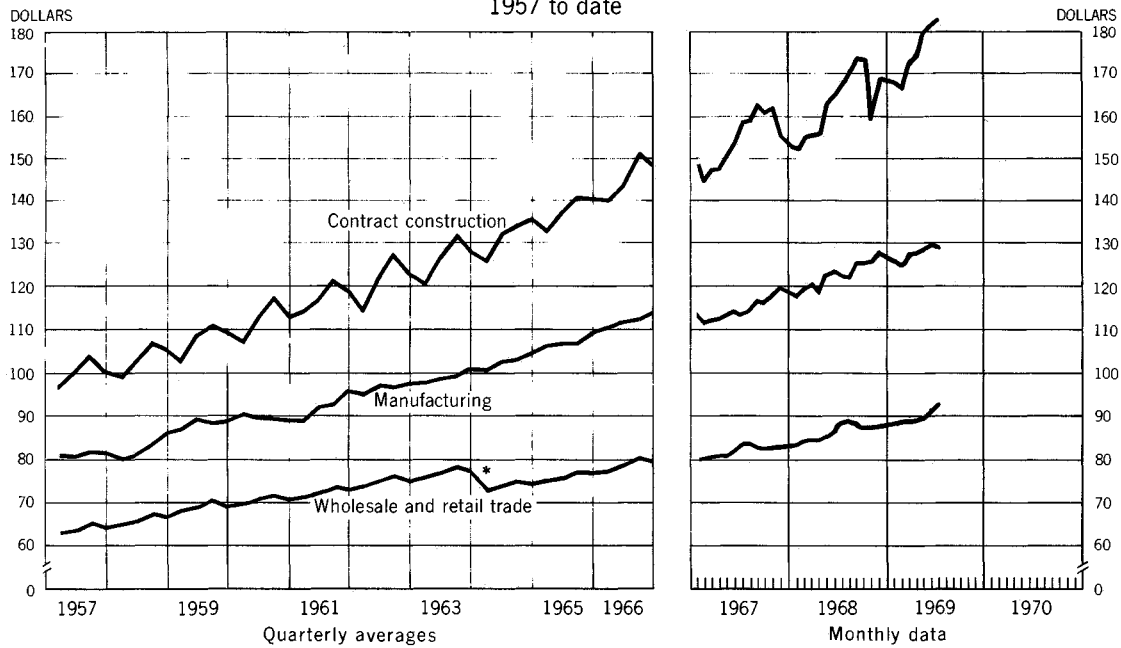


* Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

Chart 8.

AVERAGE WEEKLY EARNINGS IN MANUFACTURING, CONTRACT CONSTRUCTION, AND TRADE

1957 to date

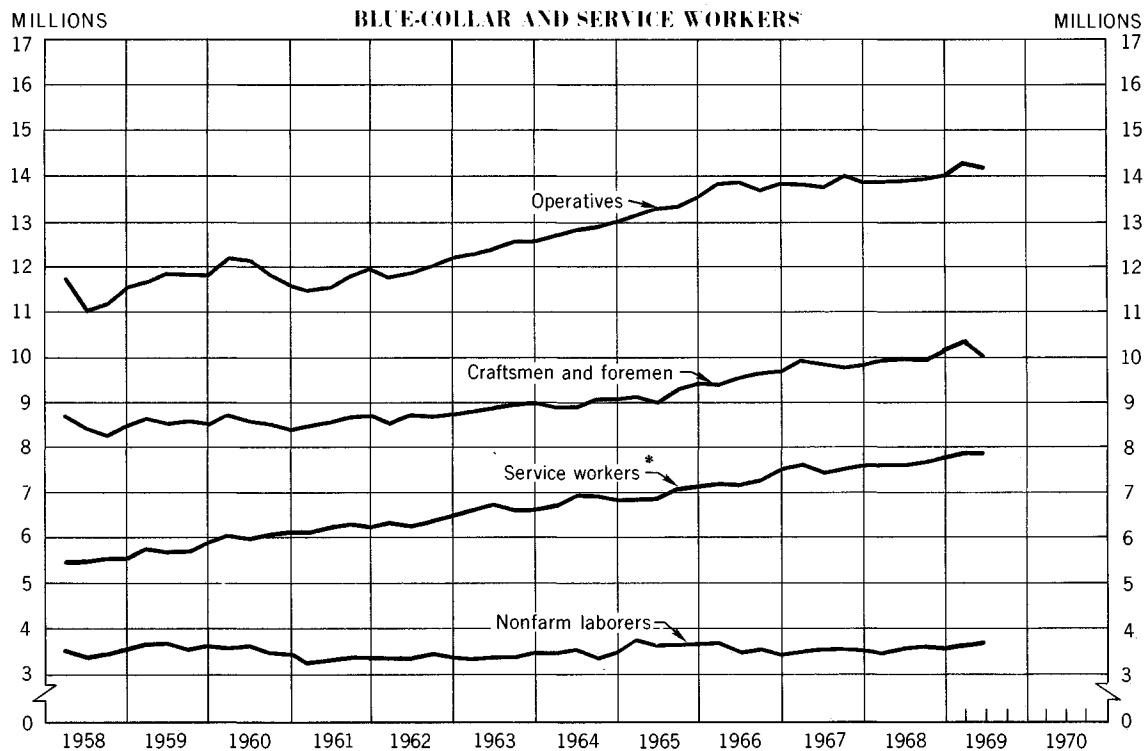
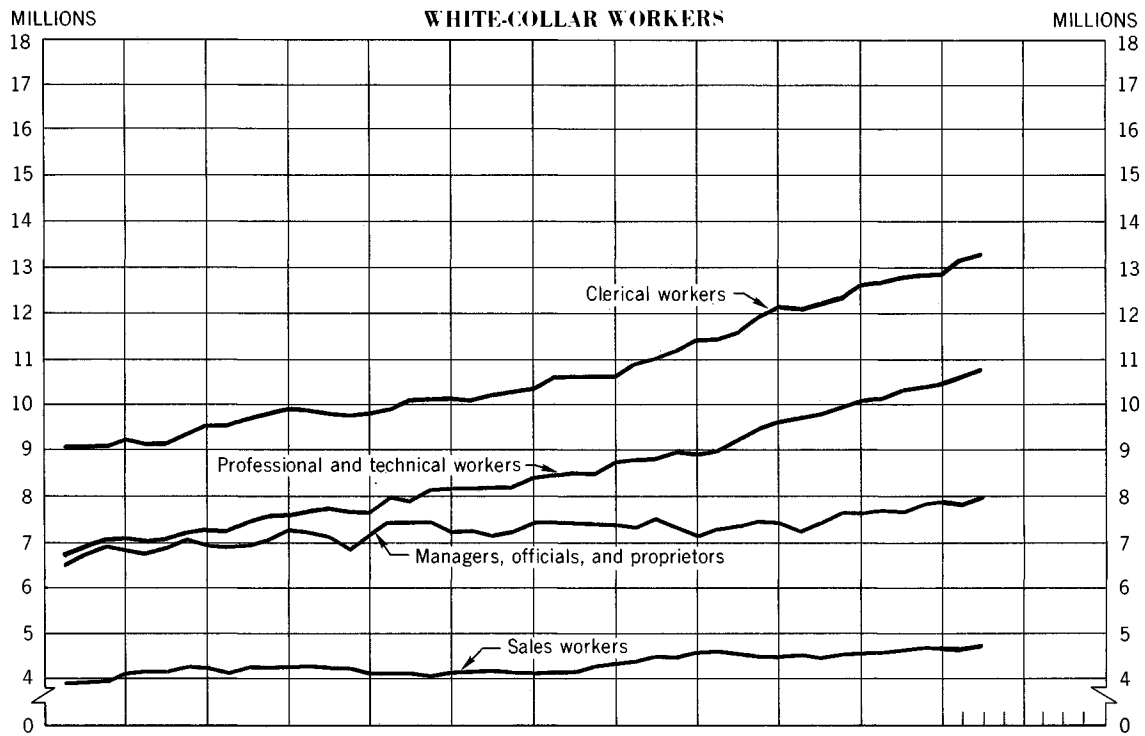


* Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

Chart 9.

EMPLOYMENT IN NONFARM OCCUPATIONS

1958 to date
(Seasonally adjusted quarterly averages)



* Excludes household workers.

Chart 10.

PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES BY FULL- AND PART-TIME STATUS

1957 to date

(Seasonally adjusted quarterly averages)

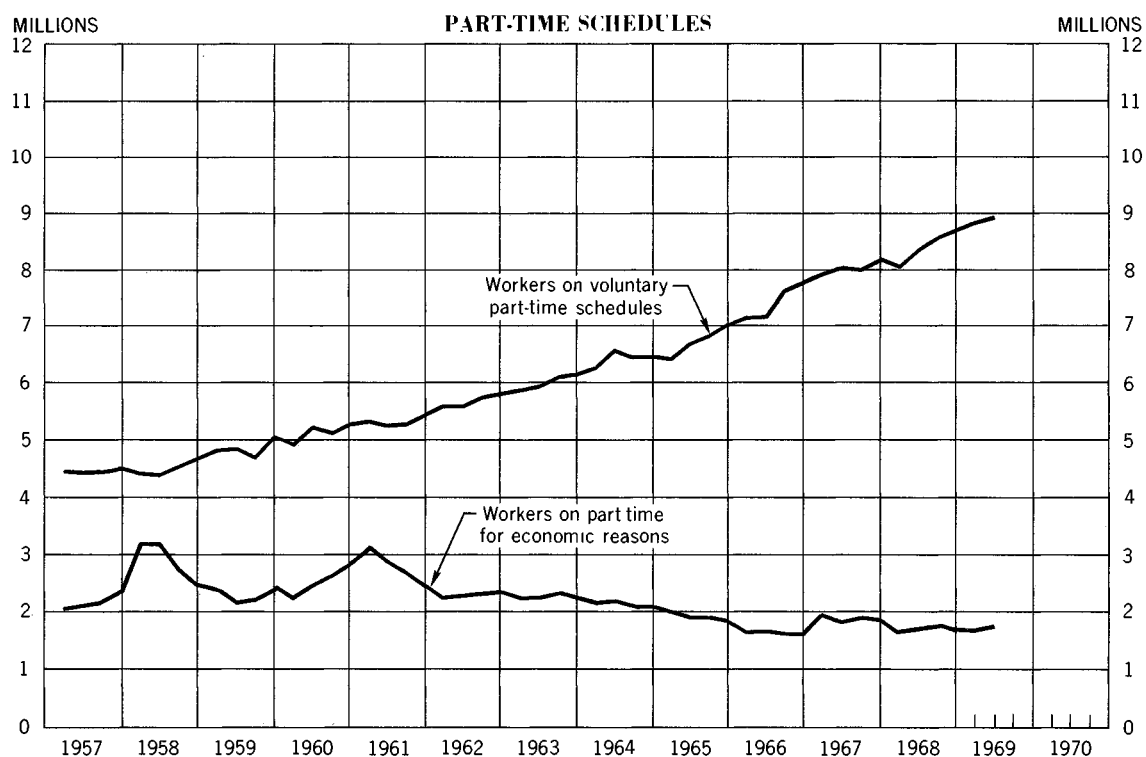
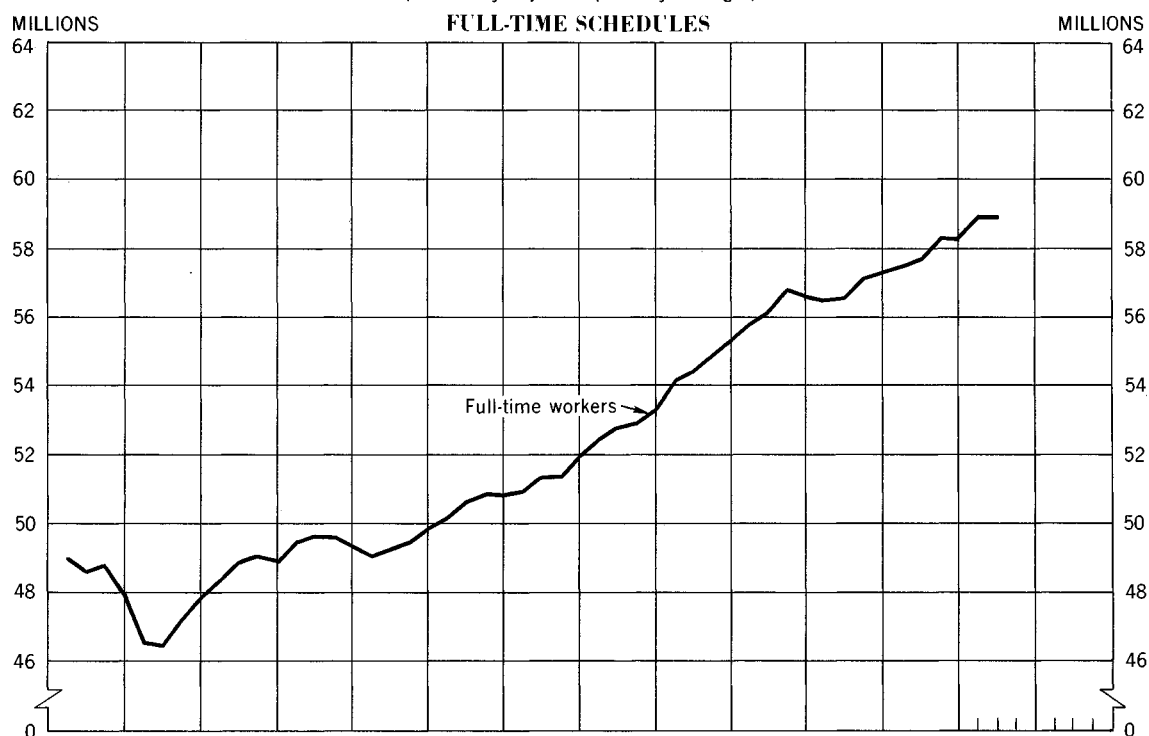


Chart 11.

UNEMPLOYMENT RATES BY OCCUPATION

1958 to date

(Seasonally adjusted quarterly averages)

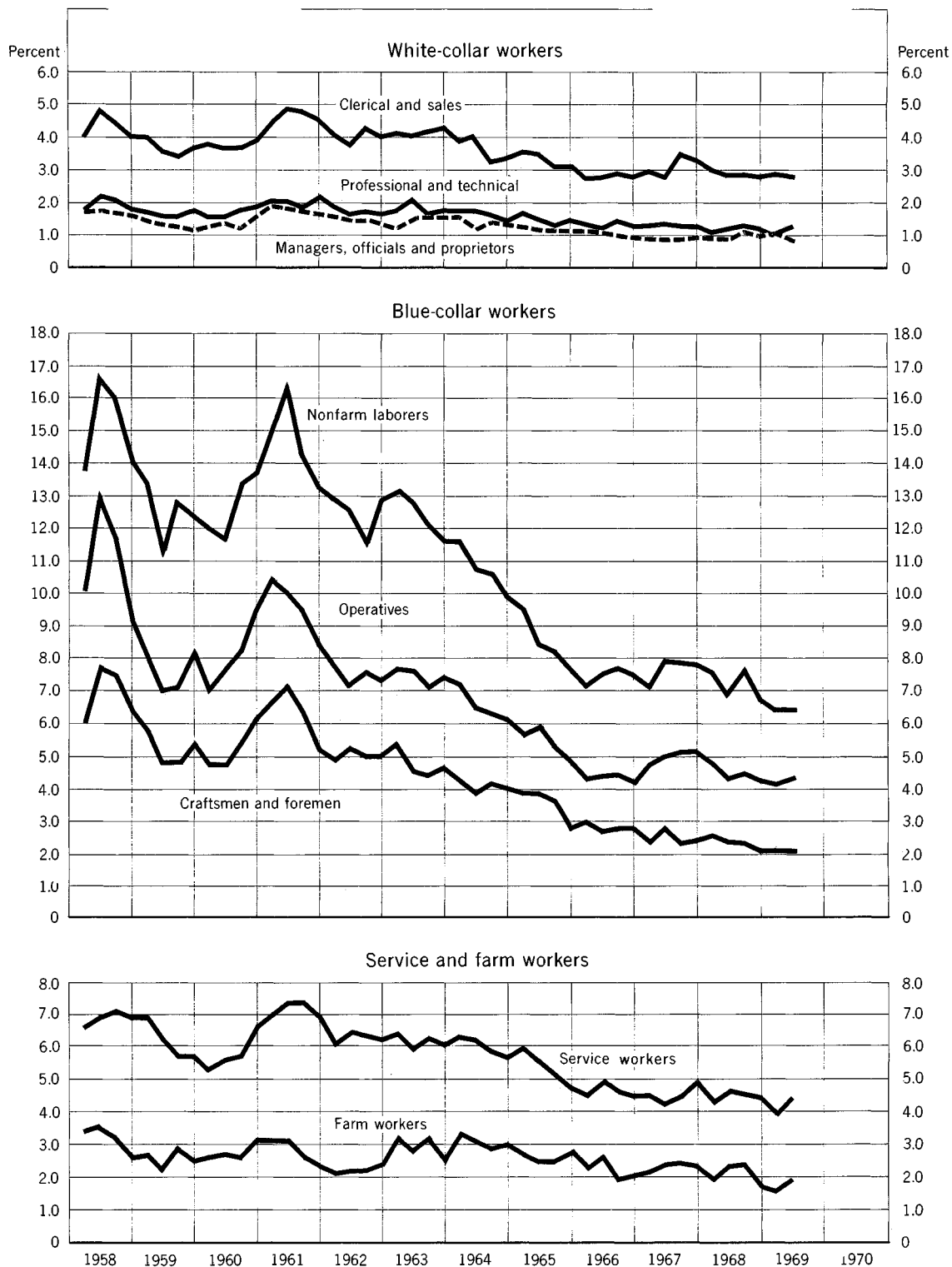


Chart 12.

UNEMPLOYMENT RATES BY COLOR
1957 to date
(Seasonally adjusted quarterly averages)

The top graph displays the unemployment rates for Nonwhites and Whites from 1957 to 1970. The Y-axis represents the percentage rate, ranging from 0 to 15. The X-axis represents the years. The Nonwhites line starts at approximately 7.5% in 1957, peaks at about 13.5% in 1958, and then fluctuates between 9% and 13% until 1964, after which it shows a general downward trend to about 6.5% by 1970. The Whites line starts at approximately 3.5% in 1957, peaks at about 6.5% in 1958, and then fluctuates between 4% and 6% until 1964, after which it shows a general downward trend to about 3.5% by 1970.

The bottom graph displays the ratio of the Nonwhite to White unemployment rate from 1957 to 1970. The Y-axis represents the ratio, ranging from 0 to 3. The X-axis represents the years. The ratio line starts at approximately 2.1 in 1957, fluctuates between 2.0 and 2.5, and ends at approximately 2.2 in 1970.

Year	Nonwhites (%)	Whites (%)	Ratio
1957	7.5	3.5	2.1
1958	13.5	6.5	2.1
1959	11.5	4.5	2.6
1960	9.5	4.5	2.1
1961	12.5	6.0	2.1
1962	11.5	4.8	2.4
1963	10.5	4.8	2.2
1964	9.5	4.5	2.1
1965	8.0	4.0	2.0
1966	7.0	3.5	2.0
1967	7.5	3.5	2.1
1968	6.8	3.2	2.1
1969	6.0	3.0	2.0
1970	6.5	3.5	2.2

Chart 13.

STATE INSURED UNEMPLOYMENT RATES

Week ending July 12, 1969
(Not seasonally adjusted)

Legend:

- 9% & OVER
- 6-8.9%
- 4-5.9%
- 2-3.9%
- UNDER 2%

BASED ON AV. COVERED EMPLOYMENT
12 MOS. ENDING DECEMBER 1968

NATIONAL AVERAGE 2.0

Source: Manpower Administration

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¹Quarterly data included in February, May, August, and November issues.

HOUSEHOLD DATA

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	Agriculture	Nonagricultural 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
1968: July.....	135,639	84,550	62.3	80,964	77,746	4,476	73,270	3,217	4.0	3.7	51,088
August.....	135,839	83,792	61.7	80,203	77,432	4,107	73,325	2,772	3.5	3.5	52,047
September.....	136,036	82,137	60.4	78,546	75,939	3,838	72,103	2,606	3.3	3.6	53,900
October.....	136,221	82,477	60.5	78,874	76,364	3,767	72,596	2,511	3.2	3.6	53,744
November.....	136,420	82,702	60.6	79,185	76,609	3,607	73,001	2,577	3.3	3.4	53,718
December.....	136,619	82,618	60.5	79,118	76,700	3,279	73,421	2,419	3.1	3.3	54,001
1969: January.....	136,802	81,711	59.7	78,234	75,358	3,165	72,192	2,876	3.7	3.3	55,091
February.....	136,940	82,579	60.3	79,104	76,181	3,285	72,896	2,923	3.7	3.3	54,361
March.....	137,143	82,770	60.4	79,266	76,520	3,327	73,193	2,746	3.5	3.4	54,373
April.....	137,337	83,137	60.5	79,621	77,079	3,607	73,471	2,542	3.2	3.5	54,200
May.....	137,549	83,085	60.4	79,563	77,264	3,894	73,370	2,299	2.9	3.5	54,464
June.....	137,737	85,880	62.4	82,356	78,956	4,367	74,589	3,400	4.1	3.4	51,857
July.....	137,935	86,318	62.6	82,797	79,616	4,155	75,460	3,182	3.8	3.6	51,617

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
				Total	Employed			Unemployed			
		Number	Percent of population		Total	Agriculture	Nonagricultural 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
1968: July.....	65,379	55,021	84.2	51,473	49,925	3,614	46,311	1,548	3.0	2.9	10,358
1969: January.....	65,911	52,364	79.4	48,924	47,356	2,678	44,678	1,568	3.2	2.7	13,548
February.....	65,968	52,673	79.8	49,237	47,697	2,777	44,920	1,539	3.1	2.6	13,295
March.....	66,063	52,832	80.0	49,368	47,907	2,833	45,074	1,461	3.0	2.6	13,230
April.....	66,151	53,063	80.2	49,586	48,332	3,018	45,314	1,254	2.5	2.7	13,089
May.....	66,241	53,139	80.2	49,657	48,543	3,154	45,388	1,114	2.2	2.7	13,102
June.....	66,325	55,001	82.9	51,517	49,937	3,442	46,495	1,580	3.1	2.7	11,324
July.....	66,395	55,501	83.6	52,020	50,412	3,322	47,090	1,608	3.1	3.0	10,894
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
1968: July.....	70,260	29,529	42.0	29,490	27,821	862	26,959	1,669	5.7	5.0	40,731
1969: January.....	70,890	29,347	41.4	29,309	28,002	487	27,515	1,308	4.5	4.3	41,543
February.....	70,972	29,906	42.1	29,868	28,484	508	27,975	1,384	4.6	4.5	41,066
March.....	71,081	29,938	42.1	29,898	28,613	494	28,119	1,285	4.3	4.6	41,143
April.....	71,186	30,074	42.2	30,035	28,746	589	28,157	1,288	4.3	4.9	41,111
May.....	71,309	29,946	42.0	29,907	28,721	740	27,982	1,185	4.0	4.8	41,362
June.....	71,412	30,879	43.2	30,839	29,019	925	28,094	1,819	5.9	4.7	40,533
July.....	71,540	30,817	43.1	30,778	29,204	834	28,370	1,574	5.1	4.6	40,722

HOUSEHOLD DATA

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

July 1969
(In thousands)

Age, sex, 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	55,501	83.6	52,020	50,412	1,608	3.1	10,894	190	834	1,563	8,308
16 to 21 years	8,848	81.5	7,345	6,550	795	10.8	2,012	24	529	43	1,417
16 to 19 years	5,643	77.0	5,228	4,566	663	12.7	1,689	22	374	27	1,266
16 and 17 years	2,619	69.4	2,589	2,194	394	15.2	1,156	17	201	10	929
18 and 19 years	3,024	85.0	2,640	2,371	268	10.2	534	5	174	18	337
20 to 64 years	47,681	93.4	44,614	43,718	896	2.0	3,385	55	457	959	1,914
20 to 24 years	7,546	92.3	5,737	5,452	285	5.0	633	6	325	40	262
25 to 54 years	33,091	96.2	31,838	31,337	500	1.6	1,311	20	130	477	685
25 to 29 years	6,352	96.8	5,884	5,757	127	2.2	211	5	85	25	96
30 to 34 years	5,404	97.9	5,100	5,032	68	1.3	115	3	20	42	51
35 to 39 years	5,295	97.3	5,013	4,966	47	.9	145	1	14	51	79
40 to 44 years	5,628	96.4	5,518	5,415	102	1.9	210	2	9	75	123
45 to 49 years	5,556	95.4	5,489	5,399	91	1.7	266	6	--	121	139
50 to 54 years	4,858	93.0	4,834	4,769	66	1.4	365	3	2	162	198
55 to 64 years	7,044	83.0	7,040	6,929	110	1.6	1,441	30	2	442	967
55 to 59 years	4,182	89.7	4,178	4,112	67	1.6	482	14	2	215	251
60 to 64 years	2,862	74.9	2,861	2,818	43	1.5	960	16	--	227	716
65 years and over	2,177	27.2	2,177	2,128	49	2.3	5,820	113	2	577	5,128
65 to 69 years	1,259	41.6	1,259	1,229	30	2.4	1,766	28	1	145	1,592
70 years and over	918	18.5	918	898	19	2.1	4,054	85	1	432	3,536
WHITE MALE											
16 years and over	49,892	83.9	46,783	45,502	1,281	2.7	9,576	157	704	1,282	7,433
16 to 21 years	7,765	82.1	6,415	5,802	613	9.6	1,691	21	437	35	1,197
16 to 19 years	4,955	77.9	4,586	4,081	506	11.0	1,408	19	295	21	1,073
16 and 17 years	2,303	70.3	2,277	1,961	316	13.9	973	16	148	8	801
18 and 19 years	2,652	85.9	2,309	2,119	190	8.2	435	3	146	13	273
20 to 64 years	42,938	93.8	40,198	39,466	732	1.8	2,843	46	407	782	1,607
20 to 24 years	6,663	92.4	5,033	4,804	229	4.6	547	4	293	37	213
25 to 54 years	29,834	96.7	28,729	28,316	413	1.4	1,012	14	113	372	514
25 to 34 years	10,487	97.6	9,813	9,659	154	1.6	259	3	97	53	106
35 to 44 years	9,855	97.5	9,507	9,377	130	1.4	249	3	15	99	132
45 to 54 years	9,492	95.0	9,409	9,281	128	1.4	505	7	2	220	276
55 to 64 years	6,440	83.4	6,436	6,345	91	1.4	1,283	29	--	373	881
55 to 59 years	3,828	90.3	3,824	3,766	58	1.5	409	13	--	171	225
60 to 64 years	2,613	74.9	2,612	2,580	33	1.2	874	15	--	203	656
65 years and over	1,999	27.3	1,999	1,956	43	2.2	5,325	92	2	479	4,753
NONWHITE MALE											
16 years and over	5,609	81.0	5,236	4,910	327	6.2	1,318	33	130	281	874
16 to 21 years	1,084	77.1	930	747	182	19.6	322	3	92	8	219
16 to 19 years	688	71.0	642	485	157	24.4	281	3	80	6	193
16 and 17 years	316	63.3	312	233	78	25.1	183	1	52	2	128
18 and 19 years	373	79.1	330	252	79	23.8	98	2	27	5	64
20 to 64 years	4,743	89.7	4,416	4,252	164	3.7	542	9	50	177	307
20 to 24 years	883	91.2	704	648	56	8.0	85	2	32	3	49
25 to 54 years	3,258	91.6	3,110	3,021	89	2.9	298	7	16	105	171
25 to 34 years	1,269	95.0	1,171	1,130	41	3.5	67	4	7	14	41
35 to 44 years	1,068	91.0	1,024	1,005	20	1.9	106	1	9	27	70
45 to 54 years	921	88.0	915	887	28	3.1	126	2	--	64	61
55 to 64 years	603	79.2	603	584	19	3.2	158	1	2	69	86
55 to 59 years	354	83.0	354	346	8	2.3	73	--	2	44	26
60 to 64 years	249	74.4	249	238	11	4.4	86	--	--	25	60
65 years and over	178	26.4	178	172	6	3.3	495	21	-	98	375

HOUSEHOLD DATA

A- 3: Employment status of the noninstitutional population by age, sex, and color--Continued
 July 1969
 (In thousands)

Age, sex, 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	30,817	43.1	30,778	29,204	1,574	5.1	40,722	35,300	1,006	864	3,552
16 to 21 years	6,210	58.3	6,188	5,438	751	12.1	4,450	1,970	730	33	1,717
16 to 19 years	4,003	55.8	3,993	3,406	587	14.7	3,172	1,066	513	20	1,572
16 and 17 years	1,733	47.0	1,733	1,423	310	17.9	1,953	447	263	3	1,239
18 and 19 years	2,269	65.0	2,260	1,982	277	12.3	1,219	619	250	17	333
20 to 64 years	25,807	48.1	25,777	24,809	969	3.8	27,883	25,810	487	314	1,271
20 to 24 years	4,675	57.4	4,657	4,348	309	6.6	3,467	2,847	333	28	259
25 to 54 years	17,066	47.3	17,054	16,488	566	3.3	19,004	17,924	147	179	755
25 to 29 years	2,881	43.2	2,876	2,727	150	5.2	3,788	3,588	49	19	133
30 to 34 years	2,298	40.4	2,296	2,209	87	3.8	3,394	3,213	38	16	127
35 to 39 years	2,644	46.8	2,642	2,530	112	4.2	3,010	2,871	15	21	103
40 to 44 years	3,063	49.7	3,061	2,985	77	2.5	3,100	2,904	23	27	146
45 to 49 years	3,276	52.4	3,275	3,196	79	2.4	2,972	2,783	22	42	124
50 to 54 years	2,903	51.4	2,903	2,840	62	2.2	2,740	2,565	--	54	122
55 to 64 years	4,067	42.9	4,067	3,974	93	2.3	5,412	5,039	7	107	259
55 to 59 years	2,568	50.2	2,568	2,513	55	2.1	2,550	2,372	5	57	115
60 to 64 years	1,499	34.4	1,499	1,461	38	2.5	2,863	2,667	2	51	144
65 years and over	1,007	9.4	1,007	989	18	1.8	9,667	8,424	6	530	708
65 to 69 years	601	16.5	601	586	16	2.6	3,044	2,813	--	60	171
70 years and over	406	5.8	406	403	3	.7	6,623	5,611	6	469	537
WHITE FEMALE											
16 years and over	26,783	42.1	26,748	25,542	1,206	4.5	36,864	32,206	825	697	3,136
16 to 21 years	5,459	59.3	5,441	4,863	578	10.6	3,749	1,637	596	27	1,490
16 to 19 years	3,535	57.2	3,527	3,058	469	13.3	2,645	855	410	15	1,364
16 and 17 years	1,515	47.7	1,514	1,260	254	16.8	1,662	371	196	1	1,094
18 and 19 years	2,021	67.3	2,012	1,797	215	10.7	983	484	214	14	270
20 to 64 years	22,343	46.9	22,316	21,597	719	3.2	25,282	23,509	409	234	1,131
20 to 24 years	4,072	57.2	4,056	3,835	221	5.5	3,043	2,516	279	24	224
25 to 54 years	14,609	45.8	14,598	14,173	425	2.9	17,289	16,354	123	136	678
25 to 34 years	4,304	39.7	4,299	4,116	182	4.2	6,532	6,213	71	28	220
35 to 44 years	4,866	46.8	4,863	4,730	133	2.7	5,526	5,216	31	40	239
45 to 54 years	5,438	51.0	5,437	5,327	109	2.0	5,231	4,924	20	67	219
55 to 64 years	3,662	42.5	3,662	3,589	73	2.0	4,950	4,640	7	74	228
55 to 59 years	2,301	49.7	2,301	2,255	46	2.0	2,328	2,185	5	36	101
60 to 64 years	1,361	34.2	1,361	1,334	28	2.0	2,622	2,455	2	38	127
65 years and over	905	9.2	905	887	18	2.0	8,937	7,841	6	448	641
NONWHITE FEMALE											
16 years and over	4,034	51.1	4,030	3,661	368	9.1	3,858	3,095	181	167	416
16 to 21 years	750	51.7	747	575	173	23.1	701	333	135	6	227
16 to 19 years	468	47.0	467	348	119	25.4	527	211	104	5	208
16 and 17 years	219	43.0	219	163	56	25.5	291	76	68	2	145
18 and 19 years	249	51.2	248	185	63	25.3	237	135	36	3	63
20 to 64 years	3,464	57.1	3,461	3,212	250	7.2	2,601	2,301	77	81	142
20 to 24 years	603	58.7	601	513	88	14.6	424	331	54	4	34
25 to 54 years	2,457	58.9	2,456	2,314	142	5.8	1,714	1,570	24	43	77
25 to 34 years	874	57.4	874	820	54	6.2	649	588	16	6	39
35 to 44 years	841	59.0	840	785	55	6.5	584	558	6	9	11
45 to 54 years	742	60.7	742	709	33	4.4	481	424	2	28	27
55 to 64 years	405	46.6	405	385	20	4.9	463	399	--	33	30
55 to 59 years	267	54.7	267	258	9	3.4	222	187	--	21	14
60 to 64 years	137	36.3	137	127	11	7.7	241	212	--	13	16
65 years and over	102	12.3	102	101	--	.5	730	583	--	81	66

HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
MALE								
16 years and over	55,501	55,021	83.6	84.2	52,020	51,473	82.7	83.2
16 to 19 years	5,643	5,560	77.0	77.3	5,228	5,079	75.6	75.6
16 and 17 years	2,619	2,524	69.4	68.9	2,589	2,499	69.1	68.7
18 and 19 years	3,024	3,035	85.0	86.0	2,640	2,580	83.2	83.9
20 to 24 years	7,546	7,260	92.3	92.5	5,737	5,473	90.1	90.3
25 to 34 years	33,091	32,901	96.2	96.5	31,838	31,625	96.0	96.4
25 to 34 years	11,756	11,427	97.3	97.4	10,983	10,648	97.1	97.2
35 to 44 years	10,923	11,094	96.9	97.0	10,531	10,695	96.7	96.9
45 to 54 years	10,413	10,379	94.3	95.0	10,324	10,282	94.2	95.0
55 to 64 years	7,044	7,066	83.0	84.7	7,040	7,061	83.0	84.6
55 to 59 years	4,182	4,137	89.7	90.3	4,178	4,133	89.7	90.3
60 to 64 years	2,862	2,929	74.9	77.8	2,861	2,928	74.9	77.8
65 years and over	2,177	2,236	27.2	28.3	2,177	2,236	27.2	28.3
WHITE MALE								
16 years and over	49,892	49,452	83.9	84.4	46,783	46,267	83.0	83.5
16 to 19 years	4,955	4,860	77.9	77.7	4,586	4,424	76.5	76.0
16 and 17 years	2,303	2,209	70.3	69.5	2,277	2,185	70.1	69.2
18 and 19 years	2,652	2,651	85.9	86.2	2,309	2,238	84.1	84.1
20 to 24 years	6,663	6,444	92.4	92.8	5,033	4,823	90.2	90.7
25 to 34 years	29,834	29,645	96.7	96.9	28,729	28,520	96.6	96.8
25 to 34 years	10,487	10,203	97.6	97.7	9,813	9,522	97.4	97.5
35 to 44 years	9,855	9,992	97.5	97.5	9,507	9,638	97.5	97.4
45 to 54 years	9,492	9,450	95.0	95.6	9,409	9,361	94.9	95.6
55 to 64 years	6,440	6,466	83.4	85.1	6,436	6,461	83.4	85.1
55 to 59 years	3,828	3,777	90.3	90.7	3,824	3,773	90.3	90.7
60 to 64 years	2,613	2,689	74.9	78.4	2,612	2,688	74.9	78.4
65 years and over	1,999	2,038	27.3	28.1	1,999	2,038	27.3	28.1
NONWHITE MALE								
16 years and over	5,609	5,569	81.0	82.4	5,236	5,207	79.9	81.4
16 to 19 years	688	700	71.0	74.5	642	655	69.5	73.2
16 and 17 years	316	315	63.3	65.2	312	313	63.0	65.1
18 and 19 years	373	384	79.1	84.2	330	342	77.1	82.6
20 to 24 years	883	816	91.2	89.9	704	650	89.2	87.6
25 to 34 years	3,258	3,255	91.6	92.9	3,110	3,104	91.3	92.6
25 to 34 years	1,269	1,224	95.0	95.1	1,171	1,126	94.6	94.7
35 to 44 years	1,068	1,103	91.0	93.4	1,024	1,057	90.6	93.1
45 to 54 years	921	929	88.0	89.6	915	921	87.9	89.5
55 to 64 years	603	600	79.2	79.8	603	600	79.2	79.8
55 to 59 years	354	361	83.0	86.1	354	360	83.0	86.1
60 to 64 years	249	240	74.4	71.9	249	240	74.4	71.9
65 years and over	178	197	26.4	30.1	178	197	26.4	30.1

HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
FEMALE								
16 years and over	30,817	29,529	43.1	42.0	30,778	29,490	43.0	42.0
16 to 19 years	4,003	3,822	55.8	54.4	3,993	3,812	55.7	54.4
16 and 17 years	1,733	1,675	47.0	46.9	1,733	1,674	47.0	46.9
18 and 19 years	2,269	2,148	65.0	62.2	2,260	2,138	65.0	62.1
20 to 24 years	4,675	4,341	57.4	55.8	4,657	4,324	57.3	55.7
25 to 54 years	17,066	16,545	47.3	46.3	17,054	16,533	47.3	46.3
25 to 34 years	5,179	4,947	41.9	41.2	5,172	4,940	41.9	41.2
35 to 44 years	5,707	5,606	48.3	46.7	5,703	5,602	48.3	46.7
45 to 54 years	6,180	5,992	52.0	51.1	6,178	5,991	52.0	51.1
55 to 64 years	4,067	3,859	42.9	41.6	4,067	3,859	42.9	41.5
55 to 59 years	2,568	2,382	50.2	47.5	2,568	2,382	50.2	47.5
60 to 64 years	1,499	1,476	34.4	34.5	1,499	1,476	34.4	34.5
65 years and over	1,007	963	9.4	9.2	1,007	963	9.4	9.2
WHITE FEMALE								
16 years and over	26,783	25,574	42.1	40.9	26,748	25,540	42.0	40.8
16 to 19 years	3,535	3,341	57.2	55.2	3,527	3,332	57.1	55.1
16 and 17 years	1,515	1,450	47.7	47.2	1,514	1,450	47.7	47.2
18 and 19 years	2,021	1,891	67.3	63.4	2,012	1,882	67.2	63.3
20 to 24 years	4,072	3,752	57.2	55.0	4,056	3,738	57.1	54.9
25 to 54 years	14,609	14,161	45.8	44.8	14,598	14,150	45.8	44.8
25 to 34 years	4,304	4,119	39.7	39.1	4,299	4,113	39.7	39.1
35 to 44 years	4,866	4,773	46.8	45.2	4,863	4,770	46.8	45.1
45 to 54 years	5,438	5,269	51.0	50.0	5,437	5,267	51.0	50.0
55 to 64 years	3,662	3,464	42.5	41.0	3,662	3,464	42.5	41.0
55 to 59 years	2,301	2,131	49.7	46.9	2,301	2,131	49.7	46.9
60 to 64 years	1,361	1,333	34.2	34.2	1,361	1,333	34.2	34.2
65 years and over	905	856	9.2	8.9	905	856	9.2	8.9
NONWHITE FEMALE								
16 years and over	4,034	3,955	51.1	51.5	4,030	3,950	51.1	51.5
16 to 19 years	468	481	47.0	49.9	467	480	46.9	49.9
16 and 17 years	219	224	43.0	45.4	219	224	43.0	45.4
18 and 19 years	249	257	51.2	54.7	248	256	51.1	54.6
20 to 24 years	603	589	58.7	61.4	601	586	58.6	61.3
25 to 54 years	2,457	2,384	58.9	58.2	2,456	2,383	58.9	58.2
25 to 34 years	874	828	57.4	56.0	874	827	57.4	56.0
35 to 44 years	841	832	59.0	58.4	840	832	59.0	58.4
45 to 54 years	742	723	60.7	60.5	742	723	60.7	60.5
55 to 64 years	405	395	46.6	46.7	405	395	46.6	46.7
55 to 59 years	267	251	54.7	53.1	267	251	54.7	53.1
60 to 64 years	137	144	36.3	38.6	137	144	36.3	38.6
65 years and over	102	106	12.3	13.1	102	106	12.3	13.1

HOUSEHOLD DATA

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex

July 1969
(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	21,520	10,861	10,659	18,664	9,455	9,209	2,856	1,406	1,451
Total labor force	15,058	8,848	6,210	13,224	7,765	5,459	1,834	1,084	750
Percent of population	70.0	81.5	58.3	70.9	82.1	59.3	64.2	77.1	51.7
Civilian labor force	13,534	7,345	6,188	11,856	6,415	5,441	1,677	930	747
Employed	11,998	6,550	5,438	10,665	5,802	4,863	1,322	747	575
Agriculture	737	605	132	614	516	98	123	90	34
Nonagricultural industries	11,250	5,944	5,306	10,051	5,286	4,765	1,199	658	541
Unemployed	1,546	795	751	1,191	613	578	355	182	173
Percent of labor force	11.4	10.8	12.1	10.0	9.6	10.6	21.2	19.6	23.1
Looking for full-time work	1,153	618	535	877	468	409	277	150	127
Looking for part-time work	392	177	215	314	145	169	78	32	46
Not in labor force	6,462	2,012	4,450	5,440	1,691	3,749	1,022	322	701
Major activity: going to school									
Civilian labor force	371	221	150	324	204	120	48	17	31
Employed	313	197	116	275	181	94	37	16	22
Agriculture	7	6	2	7	6	1	--	--	--
Nonagricultural industries	305	191	114	268	176	93	37	16	21
Unemployed	59	24	34	49	23	26	10	1	9
Percent of labor force	15.8	11.0	23.0	15.0	11.3	21.4	21.3	7.0	29.1
Looking for full-time work	3	2	--	--	1	--	4	2	2
Looking for part-time work	56	22	34	50	22	27	6	--	7
Not in labor force	1,259	529	730	1,033	437	596	226	92	135
Major activity: other									
Civilian labor force	13,162	7,124	6,038	11,533	6,211	5,321	1,630	913	717
Employed	11,675	6,353	5,322	10,390	5,621	4,769	1,285	732	553
Agriculture	730	600	130	608	510	97	123	89	33
Nonagricultural industries	10,945	5,753	5,192	9,783	5,111	4,672	1,162	642	520
Unemployed	1,487	771	716	1,142	590	552	345	181	164
Percent of labor force	11.3	10.8	11.9	9.9	9.5	10.4	21.2	19.8	22.8
Looking for full-time work	1,151	616	535	878	467	411	273	148	125
Looking for part-time work	336	155	181	265	123	142	72	33	39
Not in labor force	5,203	1,483	3,719	4,407	1,253	3,153	796	230	566

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

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
TOTAL								
Total noninstitutional population	137,935	135,639	59,063	58,185	64,365	63,238	14,507	14,216
Total labor force	86,318	84,550	49,858	49,462	26,814	25,707	9,646	9,382
Percent of population	62.6	62.3	84.4	85.0	41.7	40.7	66.5	66.0
Civilian labor force	82,797	80,964	46,791	46,395	26,784	25,678	9,222	8,891
Employed	79,616	77,746	45,846	45,474	25,798	24,684	7,972	7,589
Agriculture	4,155	4,476	2,815	3,030	715	754	625	692
Nonagricultural industries	75,460	73,270	43,031	42,444	25,082	23,930	7,346	6,896
Unemployed	3,182	3,217	945	921	987	994	1,250	1,302
Percent of labor force	3.8	4.0	2.9	2.0	3.7	3.9	13.6	14.6
Not in labor force	51,617	51,088	9,205	8,723	37,550	37,531	4,861	4,834
WHITE								
Total noninstitutional population	123,115	121,202	53,105	52,365	57,467	56,525	12,542	12,313
Total labor force	76,675	75,026	44,937	44,593	23,248	22,233	8,490	8,201
Percent of population	62.3	61.9	84.6	85.2	40.5	39.3	67.7	66.6
Civilian labor force	73,531	71,807	42,197	41,843	23,221	22,208	8,113	7,756
Employed	71,045	69,315	41,422	41,084	22,484	21,473	7,139	6,758
Agriculture	3,653	3,890	2,519	2,668	606	640	528	583
Nonagricultural industries	67,392	65,425	38,903	38,416	21,878	20,833	6,611	6,175
Unemployed	2,487	2,492	775	759	737	735	974	998
Percent of labor force	3.4	3.5	1.8	1.8	3.2	3.3	12.0	12.9
Not in labor force	46,440	46,176	8,168	7,772	34,219	34,292	4,052	4,112
NONWHITE								
Total noninstitutional population	14,820	14,436	5,958	5,820	6,897	6,713	1,965	1,904
Total labor force	9,644	9,524	4,921	4,869	3,566	3,474	1,156	1,181
Percent of population	65.1	66.0	82.6	83.7	51.7	51.7	58.8	62.0
Civilian labor force	9,266	9,157	4,594	4,552	3,563	3,470	1,109	1,135
Employed	8,571	8,432	4,424	4,390	3,313	3,211	833	831
Agriculture	503	586	296	362	109	114	98	109
Nonagricultural industries	8,068	7,846	4,128	4,028	3,204	3,097	735	721
Unemployed	695	725	170	161	250	259	276	305
Percent of labor force	7.5	7.9	3.7	3.5	7.0	7.5	24.8	26.8
Not in labor force	5,177	4,912	1,037	950	3,331	3,239	809	722

HOUSEHOLD DATA

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

July 1969
(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	73,514	68,471	2,456	2,587	3.5	9,283	8,688	594	6.4
16 to 21 years	10,873	8,626	1,094	1,153	10.6	2,660	2,268	392	14.8
16 to 19 years	7,029	5,173	954	902	12.8	2,193	1,845	347	15.8
16 and 17 years	2,872	1,811	608	452	15.7	1,450	1,198	252	17.4
18 and 19 years	4,157	3,361	346	450	10.8	743	647	96	12.9
20 years and over	66,485	63,299	1,502	1,685	2.5	7,090	6,843	247	3.5
20 to 24 years	9,479	8,685	263	530	5.6	915	851	64	7.0
25 years and over	57,006	54,614	1,239	1,155	2.0	6,175	5,992	183	3.0
25 to 54 years	45,070	43,211	914	945	2.1	3,821	3,700	121	3.2
55 years and over	11,936	11,403	325	209	1.8	2,354	2,292	62	2.6
MALE									
16 years and over	49,008	46,322	1,332	1,354	2.8	3,012	2,758	254	8.4
16 to 21 years	6,130	4,886	626	618	10.1	1,215	1,038	177	14.6
16 to 19 years	4,189	3,126	557	506	12.1	1,040	883	157	15.1
20 years and over	44,819	43,196	775	848	1.9	1,972	1,875	97	4.9
20 to 24 years	5,378	4,987	134	256	4.8	359	330	29	8.1
25 years and over	39,441	38,209	641	592	1.5	1,613	1,545	68	4.2
25 to 54 years	31,294	30,374	454	466	1.5	544	509	35	6.4
55 years and over	8,147	7,834	187	125	1.5	1,069	1,036	34	3.2
FEMALE									
16 years and over	24,507	22,150	1,123	1,234	5.0	6,271	5,931	340	5.4
16 to 21 years	4,743	3,740	468	535	11.3	1,445	1,230	215	14.9
16 to 19 years	2,840	2,047	397	396	14.0	1,153	962	191	16.5
20 years and over	21,666	20,103	727	837	3.9	5,118	4,969	150	2.9
20 to 24 years	4,101	3,698	129	274	6.7	556	521	35	6.3
25 years and over	17,565	16,405	598	563	3.2	4,562	4,448	115	2.5
25 to 54 years	13,776	12,837	460	480	3.5	3,277	3,191	86	2.6
55 years and over	3,789	3,567	139	83	2.2	1,285	1,257	28	2.2

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

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A- 8: Unemployed persons by age and sex

	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
Total, 16 years and over	1,608	1,548	3.1	3.0	1,574	1,669	5.1	5.7
16 to 19 years	663	627	12.7	12.4	587	675	14.7	17.7
16 and 17 years	394	372	15.2	14.9	310	339	17.9	20.2
18 and 19 years	268	255	10.2	9.9	277	336	12.3	15.7
20 years and over	945	921	2.0	2.0	987	994	3.7	3.9
20 to 24 years	285	242	5.0	4.4	309	291	6.6	6.7
25 years and over	660	679	1.6	1.7	678	704	3.1	3.3
25 to 34 years	195	197	1.8	1.9	236	265	4.6	5.4
35 to 44 years	150	151	1.4	1.4	188	179	3.3	3.2
45 to 54 years	156	150	1.5	1.5	142	149	2.3	2.5
55 to 64 years	110	123	1.6	1.7	93	86	2.3	2.2
55 to 59 years	67	73	1.6	1.8	55	43	2.1	1.8
60 to 64 years	43	50	1.5	1.7	38	44	2.5	3.0
65 years and over	49	57	2.3	2.6	18	25	1.8	2.6
Household head, 16 years and over	666	619	1.6	1.5	215	223	3.4	3.7
16 to 24 years	100	70	3.2	2.4	24	34	3.8	6.1
25 to 54 years	415	385	1.4	1.3	140	137	4.0	4.1
55 years and over	151	164	1.7	1.8	52	53	2.3	2.6

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
Total, 16 years and over	1,608	1,548	3.1	3.0	1,574	1,669	5.1	5.7
Married, spouse present	551	556	1.4	1.4	657	669	3.9	4.1
Widowed, divorced, or separated	122	113	4.6	4.4	217	247	3.9	4.5
Single (never married)	935	879	8.8	8.5	699	753	8.6	9.7
Total, 20 to 64 years of age	896	864	2.0	2.0	969	969	3.8	3.9
Married, spouse present	487	500	1.3	1.4	593	597	3.6	3.8
Widowed, divorced, or separated	114	97	4.8	4.3	190	215	3.9	4.5
Single (never married)	295	266	5.3	4.9	185	159	4.2	3.8
White, 16 years and over	1,281	1,231	2.7	2.7	1,206	1,261	4.5	4.9
Married, spouse present	462	472	1.3	1.3	524	522	3.5	3.6
Widowed, divorced, or separated	93	79	4.4	4.0	151	173	3.4	4.0
Single (never married)	725	681	7.8	7.5	531	566	7.5	8.4
White, 20 to 64 years of age	732	705	1.8	1.8	719	715	3.2	3.3
Married, spouse present	402	419	1.2	1.3	465	464	3.2	3.3
Widowed, divorced, or separated	89	65	4.8	3.8	126	145	3.2	3.8
Single (never married)	241	221	5.0	4.6	128	105	3.4	2.9
Nonwhite, 16 years and over	327	317	6.2	6.1	368	408	9.1	10.3
Married, spouse present	88	84	2.6	2.5	134	147	7.0	8.0
Widowed, divorced, or separated	29	32	5.1	6.0	66	74	6.0	6.9
Single (never married)	210	199	16.1	15.4	168	187	16.5	18.0
Nonwhite, 20 to 64 years of age	164	158	3.7	3.6	250	254	7.2	7.6
Married, spouse present	85	82	2.6	2.6	128	132	6.9	7.5
Widowed, divorced, or separated	25	32	4.9	6.2	64	69	6.3	6.9
Single (never married)	54	44	8.0	6.8	57	54	9.5	9.1

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
Total.....	3,182	3,217	3.8	4.0	3.1	3.0	5.1	5.7
White-collar workers.....	800	717	2.1	2.0	1.3	1.2	3.0	2.9
Professional and technical.....	170	157	1.6	1.6	1.3	1.1	2.3	2.4
Managers, officials, and proprietors.....	57	78	.7	1.0	.5	.8	1.7	1.7
Clerical workers.....	426	371	3.0	2.7	2.3	1.8	3.3	3.1
Sales workers.....	148	111	3.0	2.3	2.2	1.7	4.0	3.2
Blue-collar workers.....	1,112	1,200	3.6	4.0	3.1	3.4	6.2	7.2
Craftsmen and foremen.....	156	200	1.5	1.9	1.4	1.8	2.5	6.4
Carpenters and other construction craftsmen.....	59	80	1.9	2.6	1.9	2.6	(1)	(1)
All other.....	97	120	1.3	1.6	1.2	1.4	2.4	6.4
Operatives.....	675	685	4.4	4.7	3.5	3.6	6.3	7.1
Drivers and deliverymen.....	63	85	2.4	3.2	2.3	3.2	(1)	(1)
All other.....	612	600	4.8	5.0	3.9	3.7	6.3	7.2
Nonfarm laborers.....	281	315	6.2	6.9	6.1	6.8	11.1	10.1
Construction laborers.....	87	94	7.8	9.4	7.9	9.4	--	--
All other.....	194	221	5.7	6.3	5.5	6.1	11.3	10.4
Service workers.....	442	505	4.4	5.0	4.5	3.9	4.3	5.7
Private household.....	71	94	4.5	5.4	3.5	8.7	4.5	5.3
All other.....	371	411	4.4	5.0	4.5	3.9	4.2	5.8
Farmers and farm laborers.....	93	82	2.4	2.0	2.2	1.7	3.0	3.2
No previous work experience.....	734	713	--	--	--	--	--	--
16 to 19 years.....	627	650	--	--	--	--	--	--
20 to 24 years.....	71	28	--	--	--	--	--	--
25 years and over.....	36	35	--	--	--	--	--	--

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	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
Total.....	100.0	100.0	3.8	4.0	3.1	3.0	5.1	5.7
Private wage and salary workers.....	64.1	65.2	3.4	3.6	2.8	2.9	4.3	4.7
Mining.....	.1	.4	.6	2.3	.3	2.3	(1)	1.8
Construction.....	5.1	5.9	4.0	5.0	4.2	4.9	1.1	5.5
Manufacturing.....	21.9	21.2	3.2	3.2	2.5	2.4	4.7	5.1
Durable goods.....	13.2	11.0	3.2	2.8	2.8	2.3	4.7	4.7
Primary metal industries.....	.8	.9	1.7	2.0	1.5	1.9	3.5	3.5
Fabricated metal products.....	2.1	1.3	3.7	2.3	2.8	2.0	7.0	3.7
Machinery.....	1.5	2.3	2.1	3.3	1.6	2.9	4.2	5.2
Electrical equipment.....	1.9	1.6	2.8	2.6	2.7	2.0	3.0	3.6
Motor vehicles and equipment.....	2.4	.9	6.4	2.5	6.2	2.3	7.5	4.1
All other transportation equipment.....	1.9	1.2	4.9	3.0	5.2	2.6	3.3	5.3
Other durable goods industries.....	2.6	2.8	2.9	3.3	1.8	2.4	5.8	6.0
Nondurable goods.....	8.7	10.3	3.1	3.7	2.0	2.6	4.7	5.4
Food and kindred products.....	1.9	2.7	3.1	4.5	2.7	3.1	4.4	8.1
Textile mill products.....	1.5	1.2	4.3	3.3	2.1	.9	6.9	5.9
Apparel and other finished textile products.....	2.4	2.4	5.4	5.4	4.5	4.8	5.5	5.5
Other nondurable goods industries.....	3.0	4.0	2.0	2.9	1.5	2.5	3.2	4.1
Transportation and public utilities.....	2.8	3.2	2.0	2.3	1.4	2.1	4.1	3.0
Railroads and railway express.....	.4	.2	2.0	.6	2.1	.4	(1)	4.5
Other transportation.....	1.3	2.1	2.2	3.5	1.8	3.5	4.0	3.6
Communication and other public utilities.....	1.1	1.0	1.8	1.8	.4	1.3	4.4	2.6
Wholesale and retail trade.....	17.3	16.7	4.2	4.1	3.7	3.3	4.8	5.2
Finance, insurance, and real estate.....	2.4	2.1	2.1	1.9	1.4	1.8	2.8	1.9
Service industries.....	14.5	15.8	3.8	4.3	3.4	3.4	4.1	4.9
Professional services.....	4.9	5.1	2.8	3.2	2.6	2.0	2.9	3.8
All other service industries.....	9.6	10.7	4.7	5.3	3.9	4.3	5.2	5.9
Agricultural wage and salary workers.....	3.3	3.1	6.8	6.0	5.5	5.0	12.5	11.0
All other classes of workers.....	9.5	9.5	1.5	1.5	1.1	1.0	2.1	2.5
No previous work experience.....	23.1	22.2	--	--	--	--	--	--

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

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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		Nonwhite	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
UNEMPLOYMENT LEVEL												
Total unemployed, in thousands	3,182	3,217	945	921	987	994	1,250	1,302	2,487	2,492	695	725
Lost last job	979	1,022	534	536	307	324	138	162	760	801	219	222
Left last job	459	470	170	160	184	198	105	113	385	373	74	97
Reentered labor force	1,010	1,014	195	208	434	426	380	380	784	769	226	245
Never worked before	734	711	46	17	62	46	627	648	558	549	176	162
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	30.8	31.8	56.5	58.2	31.1	32.6	11.1	12.5	30.6	32.2	31.5	30.6
Left last job	14.4	14.6	18.0	17.4	18.6	19.9	8.4	8.6	15.5	15.0	10.7	13.4
Reentered labor force	31.7	31.5	20.7	22.6	44.0	42.9	30.4	29.1	31.5	30.9	32.5	33.7
Never worked before	23.1	22.1	4.8	1.8	6.3	4.7	50.1	49.8	22.4	22.0	25.3	22.3
UNEMPLOYMENT RATE												
Total unemployment rate	3.8	4.0	2.0	2.0	3.7	3.9	13.6	14.6	3.4	3.5	7.5	7.9
Job-loser rate ¹	1.1	1.3	1.1	1.1	1.2	1.3	1.5	1.8	1.0	1.1	2.4	2.4
Job-leaver rate ¹ . . . . .	.6	.6	.4	.3	.7	.8	1.1	1.3	.5	.5	.8	1.1
Reentrant rate ¹	1.2	1.3	.4	.4	1.6	1.7	4.1	4.3	1.1	1.1	2.4	2.7
New entrant rate ¹ . . . . .	.9	.9	.1	-	.2	.2	6.8	7.3	.8	.8	1.9	1.8

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

A-13: Unemployed persons by reason for unemployment, duration, sex, and age
July 1969

(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	3,182	100.0	58.4	31.0	10.6	5.0	5.6
Lost last job	979	100.0	60.9	22.4	16.8	8.6	8.2
Left last job	459	100.0	60.1	30.1	9.8	4.1	5.7
Reentered labor force	1,010	100.0	56.6	34.0	9.4	4.0	5.4
Never worked before	734	100.0	56.4	39.1	4.5	2.2	2.3
Male, 20 years and over	945	100.0	57.4	27.2	15.4	6.2	9.2
Lost last job	534	100.0	63.5	21.5	15.0	7.3	7.7
Left last job	170	100.0	51.2	37.6	11.2	4.1	7.1
Reentered labor force	195	100.0	43.9	37.8	18.4	5.6	12.8
Never worked before	46	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	987	100.0	58.8	27.1	14.2	7.3	6.9
Lost last job	307	100.0	49.4	27.9	22.8	11.4	11.4
Left last job	184	100.0	66.8	24.5	8.7	6.0	2.7
Reentered labor force	434	100.0	62.3	26.4	11.2	5.5	5.7
Never worked before	62	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	1,250	100.0	58.8	37.0	4.2	2.2	2.0
Lost last job	138	100.0	76.1	13.0	10.9	8.0	2.9
Left last job	105	100.0	61.3	29.2	9.4	.9	8.5
Reentered labor force	380	100.0	56.7	40.4	2.9	1.3	1.6
Never worked before	626	100.0	55.9	41.5	2.6	1.6	1.0

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

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A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
Total.....	3,182	3,217	100.0	100.0	881	842	100.0	100.0
Less than 5 weeks.....	1,858	1,836	58.4	57.1	503	432	57.1	51.2
5 to 14 weeks.....	986	1,003	31.0	31.2	241	241	27.4	28.6
5 to 10 weeks.....	838	898	26.3	27.9	169	199	19.2	23.6
11 to 14 weeks.....	148	106	4.7	3.3	72	42	8.2	5.0
15 weeks and over.....	337	378	10.6	11.8	137	170	15.5	20.2
15 to 26 weeks.....	159	199	5.0	6.2	51	82	5.8	9.7
27 weeks and over.....	179	179	5.6	5.6	86	88	9.8	10.4
Average (mean) duration.....	7.4	7.9	--	--	9.4	11.3	--	--

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

Sex, age, color, and marital status	Thousands of persons					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				
						July 1969	July 1968	July 1969	July 1968
Total	3,182	1,858	986	159	179	58.4	57.1	10.6	11.8
16 to 21 years.....	1,546	940	525	44	37	60.8	58.7	5.2	5.2
16 to 19 years.....	1,250	735	463	27	25	58.8	57.4	4.2	4.1
20 to 24 years.....	594	381	146	43	24	64.1	64.0	11.3	9.5
25 to 44 years.....	769	460	218	42	49	59.8	56.8	11.8	16.4
45 years and over.....	569	282	159	46	81	49.6	50.4	22.3	24.4
Male	1,608	967	479	72	90	60.1	54.7	10.1	13.1
16 to 21 years.....	795	515	250	19	11	64.7	56.6	3.8	4.9
16 to 19 years.....	663	424	222	13	4	64.0	55.4	2.5	3.5
20 to 24 years.....	285	175	77	19	14	61.5	60.4	11.6	9.8
25 to 44 years.....	345	218	87	13	26	63.2	56.9	11.3	18.7
45 years and over.....	316	149	93	27	46	47.3	46.8	23.1	27.7
Female	1,574	891	508	86	89	56.6	59.3	11.1	10.5
16 to 21 years.....	751	425	274	25	26	56.7	60.6	6.8	5.4
16 to 19 years.....	587	311	241	14	21	53.0	59.3	6.0	4.7
20 to 24 years.....	309	206	69	24	10	66.6	66.9	11.1	9.3
25 to 44 years.....	424	242	132	28	23	57.1	56.8	12.0	14.6
45 years and over.....	253	133	66	20	35	52.6	55.0	21.4	20.1
White: Total	2,487	1,460	755	125	147	58.7	57.8	10.9	11.8
Male.....	1,281	769	382	50	80	60.0	55.1	10.2	13.5
Female.....	1,206	691	372	74	67	57.3	60.5	11.8	10.1
Nonwhite: Total	695	398	232	34	32	57.3	54.6	9.4	11.6
Male.....	327	198	96	22	10	60.6	53.1	9.9	11.4
Female.....	368	200	135	12	21	54.3	55.7	9.0	11.8
Male: Married, wife present	551	310	150	40	51	56.3	53.3	16.5	20.3
Widowed, divorced, or separated.....	122	68	30	8	16	55.7	53.5	19.7	19.5
Single (never married).....	935	589	298	24	24	63.0	55.7	5.1	7.7
Female: Married, husband present	657	388	167	53	49	59.0	63.6	15.5	12.8
Widowed, divorced, or separated.....	217	135	59	6	17	62.2	50.1	10.8	21.5
Single (never married).....	699	368	282	27	23	52.6	58.5	7.1	4.8

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

July 1969

Occupation and industry	Thousands of persons					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	July	July	July	July
						1969	1968	1969	1968
OCCUPATION									
White-collar workers	800	427	259	52	62	53.3	57.2	14.2	13.8
Professional and managerial	227	125	65	18	18	51.1	15.9	15.9	16.2
Clerical workers	426	238	136	20	32	55.9	59.4	12.2	12.6
Sales workers.....	148	64	58	13	12	43.3	62.8	17.3	12.8
Blue-collar workers.....	1,112	689	274	71	78	61.9	58.4	13.4	14.7
Craftsmen and foremen	156	87	44	8	17	55.8	48.6	15.9	19.8
Operatives	675	394	173	57	51	58.4	59.0	16.0	16.8
Nonfarm laborers.....	281	208	57	7	10	73.9	63.0	5.9	6.7
Service workers	442	254	148	19	21	57.4	59.8	9.1	12.1
INDUSTRY ¹									
Agriculture	106	81	21	4	--	76.4	62.0	3.8	8.7
Construction.....	167	109	42	2	14	65.2	57.9	9.5	14.3
Manufacturing.....	702	425	166	52	58	60.6	57.0	15.7	17.2
Durable goods	423	266	92	33	32	62.9	55.5	15.4	18.7
Nondurable goods	279	160	74	19	27	57.2	58.7	16.2	15.6
Transportation and public utilities.....	98	55	25	11	7	(2)	74.2	(2)	8.3
Wholesale and retail trade	557	307	191	26	33	55.1	55.8	10.7	11.7
Finance and service industries.....	682	397	214	36	35	58.2	59.0	10.4	12.5
Public administration	85	42	29	7	7	(2)	(2)	(2)	(2)
No previous work experience.....	734	414	287	16	17	56.4	52.1	4.5	5.4

¹Includes wage and salary workers only.²Percent not shown where base is less than 100,000.A-17: Employed persons by age and sex
(In thousands)

Age and type of industry	Total		Male		Female	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
All industries.....	79,616	77,746	50,412	49,925	29,204	27,821
16 to 19 years.....	7,972	7,589	4,566	4,451	3,406	3,138
16 and 17 years.....	3,618	3,462	2,194	2,126	1,423	1,336
18 and 19 years.....	4,354	4,126	2,371	2,325	1,982	1,802
20 to 24 years.....	9,800	9,264	5,452	5,231	4,348	4,033
25 to 34 years.....	47,825	47,067	31,337	31,127	16,488	15,940
25 to 34 years.....	15,724	15,126	10,788	10,450	4,936	4,675
35 to 44 years.....	15,896	15,967	10,381	10,544	5,515	5,423
45 to 54 years.....	16,204	15,974	10,167	10,132	6,036	5,842
55 to 64 years.....	10,903	10,710	6,929	6,938	3,974	3,772
55 to 59 years.....	6,625	6,400	4,112	4,060	2,513	2,340
60 to 64 years.....	4,278	4,310	2,818	2,878	1,461	1,433
65 years and over.....	3,116	3,116	2,128	2,179	989	938
Nonagricultural industries.....	75,460	73,270	47,090	46,311	28,370	26,959
16 to 19 years.....	7,346	6,896	4,059	3,868	3,288	3,029
16 and 17 years.....	3,199	2,991	1,860	1,738	1,339	1,253
18 and 19 years.....	4,147	3,905	2,198	2,129	1,949	1,776
20 to 24 years.....	9,527	8,949	5,221	4,959	4,307	3,990
25 to 34 years.....	45,812	44,947	29,849	29,529	15,963	15,418
25 to 34 years.....	15,189	14,613	10,389	10,067	4,800	4,545
35 to 44 years.....	15,196	15,212	9,869	9,996	5,327	5,215
45 to 54 years.....	15,427	15,123	9,590	9,466	5,837	5,657
55 to 64 years.....	10,161	9,891	6,291	6,253	3,869	3,638
55 to 59 years.....	6,238	5,938	3,789	3,688	2,449	2,250
60 to 64 years.....	3,923	3,953	2,502	2,566	1,421	1,388
65 years and over.....	2,613	2,586	1,670	1,702	943	884
Agriculture.....	4,155	4,476	3,322	3,614	834	862
16 to 19 years.....	625	692	507	584	118	109
16 and 17 years.....	419	471	334	388	85	83
18 and 19 years.....	206	221	173	195	33	26
20 to 24 years.....	272	315	231	272	41	43
25 to 34 years.....	2,013	2,120	1,488	1,597	525	523
25 to 34 years.....	535	513	399	383	136	130
35 to 44 years.....	700	756	512	548	189	208
45 to 54 years.....	777	851	577	666	200	185
55 to 64 years.....	742	819	638	685	105	134
55 to 59 years.....	387	462	323	372	64	89
60 to 64 years.....	355	357	315	312	40	45
65 years and over.....	503	530	458	477	45	53

HOUSEHOLD DATA

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

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 15-19 years		Female, 16-19 years	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
Total	79,616	77,746	45,846	45,474	25,798	24,684	4,566	4,451	3,406	3,138
White-collar workers	36,687	35,580	18,807	18,503	15,236	14,583	778	798	1,865	1,696
Professional and technical	10,279	9,836	6,469	6,236	3,504	3,332	145	145	161	124
Medical and other health	1,751	1,578	738	642	982	916	7	3	23	16
Teachers, except college	1,738	1,635	518	466	1,212	1,151	1	1	7	17
Other professional and technical	6,790	6,622	5,213	5,127	1,310	1,264	137	141	131	91
Managers, officials, and proprietors	8,050	7,860	6,734	6,569	1,261	1,236	36	40	18	15
Salaried workers	5,665	5,541	4,780	4,679	840	809	29	38	16	15
Self-employed workers in retail trade	1,154	1,109	884	834	263	273	4	3	2	--
Self-employed workers, except retail trade	1,232	1,210	1,071	1,056	158	154	3	--	--	--
Clerical workers	13,614	13,172	3,145	3,172	8,725	8,353	374	403	1,370	1,245
Stenographers, typists, and secretaries	3,482	3,391	44	46	3,031	2,937	12	5	395	403
Other clerical workers	10,132	9,781	3,100	3,126	5,694	5,416	363	398	976	841
Sales workers	4,744	4,712	2,460	2,527	1,745	1,662	222	210	316	312
Retail trade	2,893	2,804	910	906	1,496	1,434	181	166	306	297
Other sales workers	1,851	1,908	1,549	1,621	250	228	41	44	10	15
Blue-collar workers	29,455	28,553	21,737	21,359	4,682	4,348	2,672	2,533	365	313
Craftsmen and foremen	10,495	10,316	9,729	9,654	368	283	384	362	14	17
Carpenters	927	917	901	883	--	1	26	33	--	--
Construction craftsmen, except carpenters	2,091	2,032	1,951	1,927	16	15	118	86	7	4
Mechanics and repairmen	2,851	2,770	2,672	2,580	28	33	150	152	2	5
Metal craftsmen, except mechanics	1,212	1,218	1,164	1,171	31	17	17	29	--	2
Other craftsmen and kindred workers	1,904	1,935	1,683	1,756	153	116	64	58	4	5
Foremen, not elsewhere classified	1,510	1,444	1,358	1,337	140	100	8	5	3	2
Operatives	14,735	14,015	9,169	8,805	4,197	3,947	1,038	998	331	265
Drivers and deliverymen	2,568	2,578	2,349	2,354	57	56	160	164	2	4
Other operatives	12,166	11,437	6,818	6,451	4,140	3,891	880	834	329	262
Durable goods manufacturing	5,041	4,728	3,373	3,173	1,334	1,223	240	255	94	78
Nondurable goods manufacturing	4,123	3,833	1,686	1,533	2,086	1,992	192	180	160	128
Other industries	3,002	2,876	1,759	1,745	720	676	448	399	75	56
Nonfarm laborers	4,225	4,222	2,839	2,900	116	118	1,250	1,172	20	31
Construction	1,025	914	735	679	2	1	287	234	1	1
Manufacturing	1,208	1,278	901	991	67	71	236	207	4	9
Other industries	1,993	2,030	1,203	1,231	48	47	727	730	15	21
Service workers	9,646	9,518	2,716	2,842	5,223	5,066	642	582	1,064	1,029
Private household workers	1,515	1,659	25	22	1,157	1,307	8	6	325	324
Service workers, except private household	8,131	7,859	2,691	2,820	4,067	3,758	635	576	739	705
Protective service workers	1,025	1,091	899	962	40	36	59	62	28	32
Waiters, cooks, and bartenders	2,180	2,125	380	436	1,331	1,248	158	119	312	323
Other service workers	4,925	4,643	1,412	1,422	2,696	2,475	418	395	399	350
Farm workers	3,828	4,096	2,587	2,769	656	688	473	539	111	100
Farmers and farm managers	1,939	2,053	1,837	1,953	92	84	9	16	2	--
Farm laborers and foremen	1,888	2,043	750	816	564	604	465	522	110	100
Paid workers	1,218	1,277	694	745	159	145	316	333	49	54
Unpaid family workers	671	766	56	71	405	459	149	190	61	46

HOUSEHOLD DATA

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	July 1969	July 1968	July 1969	July 1968	July 1969	July 1968
TOTAL						
Total employed (thousands)	79,616	77,746	50,412	49,925	29,204	27,821
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	46.1	45.8	38.9	38.7	58.6	58.5
Professional and technical	12.9	12.7	13.1	12.8	12.6	12.4
Managers, officials, and proprietors	10.1	10.1	13.4	13.2	4.4	4.5
Clerical workers	17.1	16.9	7.0	7.2	34.6	34.5
Sales workers	6.0	6.1	5.3	5.5	7.1	7.1
Blue-collar workers	37.0	36.7	48.4	47.9	17.3	16.8
Craftsmen and foremen	13.2	13.3	20.1	20.1	1.3	1.1
Operatives	18.5	18.0	20.2	19.6	15.5	15.1
Nonfarm laborers	5.3	5.4	8.1	8.2	.5	.5
Service workers	12.1	12.2	6.7	6.9	21.5	21.9
Private household workers	1.9	2.1	.1	.1	5.1	5.9
Other service workers	10.2	10.1	6.6	6.8	16.5	16.0
Farm workers	4.8	5.3	6.1	6.6	2.6	2.8
Farmers and farm managers	2.4	2.6	3.7	3.9	.3	.3
Farm laborers and foremen	2.4	2.6	2.4	2.7	2.3	2.5
WHITE						
Total employed (thousands)	71,045	69,315	45,502	45,036	25,542	24,279
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	48.5	48.4	40.9	40.9	62.1	62.4
Professional and technical	13.5	13.3	13.8	13.5	13.0	12.9
Managers, officials, and proprietors	11.0	11.0	14.4	14.3	4.8	4.9
Clerical workers	17.5	17.6	6.9	7.2	36.5	36.7
Sales workers	6.5	6.6	5.7	5.9	7.8	7.9
Blue-collar workers	36.3	36.1	47.2	46.6	16.9	16.6
Craftsmen and foremen	13.8	13.9	20.7	20.8	1.4	1.1
Operatives	17.9	17.5	19.4	18.8	15.1	14.9
Nonfarm laborers	4.7	4.8	7.0	7.0	.4	.6
Service workers	10.5	10.3	6.0	6.0	18.5	18.4
Private household workers	1.2	1.3	(1)	(1)	3.2	3.6
Other service workers	9.3	9.0	5.9	6.0	15.3	14.7
Farm workers	4.7	5.1	6.0	6.4	2.5	2.6
Farmers and farm managers	2.6	2.8	3.9	4.1	.3	.3
Farm laborers and foremen	2.1	2.3	2.1	2.3	2.1	2.3
NONWHITE						
Total employed (thousands)	8,571	8,432	4,910	4,890	3,661	3,542
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	26.0	23.8	20.1	17.8	33.8	32.0
Professional and technical	7.6	7.4	6.5	6.0	9.1	9.3
Managers, officials, and proprietors	3.1	2.8	4.4	3.6	1.5	1.7
Clerical workers	13.5	11.9	7.7	6.6	21.2	19.1
Sales workers	1.8	1.7	1.5	1.6	2.1	1.9
Blue-collar workers	42.7	41.8	59.7	59.4	19.7	17.6
Craftsmen and foremen	8.2	8.2	13.8	13.6	.8	.7
Operatives	23.7	22.7	28.0	27.1	18.0	16.6
Nonfarm laborers	10.7	10.9	18.0	18.6	.9	.3
Service workers	25.8	27.9	13.2	14.6	42.7	46.2
Private household workers	8.0	9.0	.3	.2	18.3	21.1
Other service workers	17.8	18.9	13.0	14.3	24.4	25.1
Farm workers	5.6	6.5	6.9	8.3	3.8	4.1
Farmers and farm managers	1.0	1.4	1.6	2.2	.2	.3
Farm laborers and foremen	4.6	5.1	5.3	1.0	3.6	3.9

¹ Percent less than 0.05.

HOUSEHOLD DATA

A-20: Employed persons by class of worker, age, and sex
July 1969
(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	69,517	1,765	11,594	56,158	5,408	535	1,462	2,005	688
16 to 19 years	7,223	457	916	5,850	65	59	399	16	211
16 and 17 years	3,122	365	385	2,371	35	42	276	7	136
18 and 19 years	4,101	92	530	3,478	30	17	123	9	75
20 to 24 years	9,369	76	1,384	7,908	139	20	180	43	50
25 to 34 years	14,379	149	2,372	11,858	754	57	233	224	78
35 to 44 years	13,839	206	2,293	11,340	1,242	115	200	364	137
45 to 54 years	13,855	329	2,609	10,917	1,409	163	175	476	127
55 to 64 years	8,817	326	1,727	6,764	1,250	94	182	492	68
55 to 59 years	5,444	173	1,112	4,158	734	59	92	254	41
60 to 64 years	3,373	153	614	2,606	515	35	90	238	27
65 years and over	2,036	221	293	1,522	549	28	94	391	18
Male	42,888	238	6,682	35,968	4,140	62	1,208	1,907	206
16 to 19 years	3,976	120	468	3,388	42	40	344	13	150
16 and 17 years	1,808	104	213	1,491	20	32	234	6	93
18 and 19 years	2,168	16	255	1,898	22	8	110	6	57
20 to 24 years	5,119	3	636	4,479	92	10	150	43	38
25 to 34 years	9,811	10	1,421	8,380	580	--	183	214	2
35 to 44 years	8,872	16	1,417	7,439	994	4	156	353	2
45 to 54 years	8,499	21	1,556	6,921	1,091	1	129	446	3
55 to 64 years	5,354	26	985	4,342	937	1	162	471	4
55 to 59 years	3,236	13	640	2,583	553	--	81	242	--
60 to 64 years	2,118	14	345	1,759	384	--	82	230	4
65 years and over	1,258	40	199	1,018	404	9	84	367	7
Female	26,629	1,527	4,911	20,190	1,268	473	254	98	482
16 to 19 years	3,247	337	448	2,462	23	19	54	3	61
16 and 17 years	1,314	262	172	881	15	10	42	--	43
18 and 19 years	1,933	76	276	1,581	8	9	13	3	17
20 to 24 years	4,250	73	748	3,429	46	10	30	--	12
25 to 34 years	4,567	139	950	3,478	174	59	50	9	77
35 to 44 years	4,967	189	877	3,901	248	111	44	11	134
45 to 54 years	5,356	308	1,053	3,995	318	162	46	30	124
55 to 64 years	3,463	300	742	2,421	312	94	20	21	64
55 to 59 years	2,208	161	473	1,575	181	59	11	12	41
60 to 64 years	1,255	139	269	847	131	34	9	8	23
65 years and over	779	181	94	504	146	19	10	24	11

HOUSEHOLD DATA

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					
	July 1969	July 1968	Total		Wage and salary workers ¹			
			July 1969	July 1968	Paid absence ²		Unpaid absence ²	
					July 1969	July 1968	July 1969	July 1968
Total	10,164	9,135	10,029	9,003	6,430	5,823	3,011	2,714
Vacation	8,112	7,283	8,062	7,233	5,874	5,354	1,860	1,601
Illness	1,138	1,029	1,091	988	366	305	590	579
Bad weather	23	25	22	15	--	--	--	--
Industrial dispute	113	107	113	107	--	--	--	--
All other reasons	776	691	742	660	190	163	561	534
Male	5,496	5,035	5,372	4,914	3,922	3,543	1,144	1,123
Vacation	4,313	3,967	4,269	3,921	3,556	3,232	544	540
Illness	710	641	664	600	239	200	356	348
All other reasons	473	427	439	393	127	111	244	235
Female	4,668	4,100	4,656	4,089	2,509	2,279	1,867	1,591
Vacation	3,799	3,316	3,792	3,313	2,319	2,122	1,316	1,061
Illness	428	388	426	388	127	106	233	231
All other reasons	441	396	438	388	63	51	318	299

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

July 1969

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagri- cultural industries	Agri- culture	All industries	Nonagri- cultural industries	Agri- culture
Total at work	69,452	65,432	4,021	100.0	100.0	100.0
1-34 hours	13,692	12,533	1,158	19.7	19.2	28.8
1-4 hours	515	472	43	.7	.7	1.1
5-14 hours	2,556	2,318	238	3.7	3.5	5.9
15-29 hours	6,757	6,109	648	9.7	9.3	16.1
30-34 hours	3,864	3,634	229	5.6	5.6	5.7
35 hours and over	55,760	52,897	2,863	80.3	80.8	71.2
35-39 hours	4,832	4,665	167	7.0	7.1	4.2
40 hours	29,283	28,880	403	42.2	44.1	10.0
41 hours and over	21,645	19,352	2,293	31.2	29.6	57.0
41 to 48 hours	8,634	8,318	316	12.4	12.7	7.9
49 to 59 hours	6,378	5,927	451	9.2	9.1	11.2
60 hours and over	6,633	5,107	1,526	9.6	7.8	38.0
Average hours, total at work	40.8	40.3	49.3	--	--	--
Average hours, workers on full-time schedules	44.3	43.6	58.5	--	--	--

HOUSEHOLD DATA

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

July 1969

(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.....	13,692	4,672	9,019	12,533	4,345	8,188
Economic reasons.....	2,456	968	1,488	2,156	862	1,294
Slack work.....	944	652	292	774	557	217
Material shortages or repairs to plant and equipment.....	57	57	--	54	54	--
New job started during week.....	179	179	--	177	177	--
Job terminated during week.....	80	80	--	75	75	--
Could find only part-time work.....	1,196	--	1,196	1,077	--	1,077
Other reasons.....	11,234	3,703	7,531	10,376	3,482	6,894
Does not want, or unavailable for, full-time work.....	5,204	--	5,204	4,802	--	4,802
Vacation.....	956	956	--	933	933	--
Illness.....	1,260	1,002	258	1,155	959	196
Bad weather.....	394	394	--	299	299	--
Industrial dispute.....	34	34	--	34	34	--
Legal or religious holiday.....	93	93	--	93	93	--
Full time for this job.....	1,489	--	1,489	1,418	--	1,418
All other reasons.....	1,807	1,227	580	1,645	1,167	478
Average hours:						
Economic reasons.....	20.3	23.4	18.3	20.5	23.7	18.4
Other reasons.....	21.4	25.6	19.3	21.4	25.6	19.3
Worked 30 to 34 hours:						
Economic reasons.....	622	367	255	575	342	233
Other reasons.....	3,242	1,807	1,435	3,059	1,723	1,336

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

July 1969

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	10.5	86.2	56.6	12.7	16.9	40.3	43.6
Wage and salary workers ..	100.0	3.3	10.2	86.5	59.1	12.9	14.5	39.7	42.8
Construction ..	100.0	4.9	3.8	91.2	64.4	11.5	15.3	40.1	41.9
Manufacturing	100.0	1.9	2.2	95.9	65.6	16.1	14.2	41.7	42.5
Durable goods	100.0	1.3	1.4	97.3	66.4	16.5	14.4	42.0	42.6
Nondurable goods	100.0	2.7	3.5	93.8	64.5	15.4	13.9	41.1	42.4
Transportation and public utilities	100.0	1.8	4.1	94.1	62.1	13.9	18.1	42.4	43.6
Wholesale and retail trade	100.0	4.7	17.9	77.4	45.1	14.9	17.4	38.9	44.2
Finance, insurance, and real estate	100.0	.9	8.9	90.1	66.6	10.3	13.2	39.6	41.6
Service industries	100.0	5.1	20.0	74.9	53.8	9.1	12.0	36.5	42.8
Private households	100.0	17.4	42.7	39.8	25.0	6.5	8.3	26.2	44.3
All other service	100.0	3.5	17.0	79.4	47.6	9.4	12.4	37.9	42.6
Public administration	100.0	1.5	4.0	94.5	75.3	8.4	10.8	40.6	41.7
Self-employed workers	100.0	3.2	12.3	84.5	28.6	10.9	45.0	46.9	52.4
Unpaid family workers	100.0	1.9	33.3	64.9	29.2	11.2	24.5	40.1	49.5

^{1/}Mining not shown separately but included in totals.

HOUSEHOLD DATA

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

July 1969

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.....	65,432	2,156	6,894	56,382	37,030	19,352	40.3	43.6
16 to 21 years.....	10,636	983	2,015	7,638	5,801	1,837	35.2	41.4
16 to 19 years.....	7,043	845	1,644	4,554	3,442	1,112	33.5	41.5
16 and 17 years.....	3,079	530	1,044	1,505	1,138	367	29.7	41.5
18 and 19 years.....	3,964	315	600	3,049	2,303	746	36.5	41.5
20 years and over.....	58,389	1,311	5,251	51,827	33,587	18,240	41.1	43.7
20 to 24 years.....	8,585	249	737	7,599	5,563	2,036	39.4	41.8
25 years and over.....	49,803	1,061	4,515	44,227	28,023	16,204	41.3	44.1
25 to 44 years.....	26,089	550	1,893	23,646	14,610	9,036	42.0	44.3
45 to 64 years.....	21,465	447	1,748	19,270	12,584	6,686	41.4	43.7
65 years and over.....	2,249	63	874	1,312	831	481	33.2	44.7
Males, 16 years and over.....	41,718	1,115	2,147	38,456	22,484	15,972	43.0	44.9
16 to 21 years.....	5,669	534	924	4,211	2,919	1,292	36.5	42.4
16 to 19 years.....	3,901	465	783	2,653	1,871	782	34.9	42.2
16 and 17 years.....	1,794	310	544	940	687	253	30.7	41.6
18 and 19 years.....	2,107	155	239	1,713	1,184	529	38.4	42.5
20 years and over.....	37,817	650	1,364	35,803	20,613	15,190	43.8	45.1
20 to 24 years.....	4,828	125	295	4,408	2,843	1,565	41.4	43.3
25 years and over.....	32,989	525	1,069	31,395	17,769	13,626	44.2	45.3
25 to 44 years.....	17,849	282	289	17,278	9,412	7,866	45.0	45.7
45 to 64 years.....	13,672	200	284	13,188	7,800	5,388	44.1	44.9
65 years and over.....	1,468	43	496	929	557	372	34.9	44.8
Females, 16 years and over.....	23,714	1,040	4,748	17,926	14,546	3,380	35.5	40.7
16 to 21 years.....	4,967	450	1,092	3,425	2,880	545	33.6	40.1
16 to 19 years.....	3,142	379	861	1,902	1,572	330	31.9	40.5
16 and 17 years.....	1,285	220	500	565	451	114	28.3	41.2
18 and 19 years.....	1,856	160	361	1,335	1,118	217	34.4	40.2
20 years and over.....	20,572	660	3,887	16,025	12,975	3,050	36.0	40.7
20 to 24 years.....	3,758	124	441	3,193	2,721	472	36.9	39.8
25 years and over.....	16,815	537	3,446	12,832	10,253	2,579	35.8	41.0
25 to 44 years.....	8,240	269	1,603	6,368	5,195	1,173	35.6	40.5
45 to 64 years.....	7,792	248	1,464	6,080	4,784	1,296	36.6	41.2
65 years and over.....	782	21	378	383	272	111	30.2	44.6
COLOR								
Total White.....	58,406	1,738	6,180	50,488	32,477	18,011	40.5	43.8
Male.....	37,647	910	1,960	34,777	19,806	14,971	43.3	45.2
Female.....	20,759	829	4,220	15,710	12,671	3,039	35.5	40.8
Total Nonwhite.....	7,026	417	715	5,894	4,553	1,341	38.0	41.4
Male.....	4,071	206	187	3,678	2,676	1,002	40.3	42.4
Female.....	2,955	211	528	2,216	1,876	340	34.9	39.9
MARITAL STATUS								
Male:								
Married, wife present.....	31,480	452	927	30,101	16,774	13,327	44.4	45.4
Widowed, divorced, or separated.....	2,087	64	143	1,880	1,216	664	41.2	43.6
Single (never married).....	8,150	599	1,077	6,474	4,493	1,981	38.0	42.9
Female:								
Married, husband present.....	12,661	394	2,849	9,418	7,624	1,794	35.2	40.6
Widowed, divorced, or separated.....	4,520	193	757	3,570	2,790	780	36.6	41.2
Single (never married).....	6,533	453	1,142	4,938	4,132	806	35.2	40.3

HOUSEHOLD DATA

**A-25: Persons at work in nonagricultural industries by full- or part-time status,
age, sex, color, and marital status--Continued**
July 1969

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	10.5	86.2	56.6	29.6
16 to 21 years.....	100.0	9.2	18.9	71.8	54.5	17.3
16 to 19 years.....	100.0	12.0	23.3	64.7	48.9	15.8
16 and 17 years.....	100.0	17.2	33.9	48.9	37.0	11.9
18 and 19 years.....	100.0	7.9	15.1	76.9	58.1	18.8
20 years and over.....	100.0	2.2	9.0	88.7	57.5	31.2
20 to 24 years.....	100.0	2.9	8.6	88.5	64.8	23.7
25 years and over.....	100.0	2.1	9.1	88.8	56.3	32.5
25 to 44 years.....	100.0	2.1	7.3	90.6	56.0	34.6
45 to 64 years.....	100.0	2.1	8.1	89.7	58.6	31.1
65 years and over.....	100.0	2.8	38.9	58.3	36.9	21.4
Males, 16 years and over.....						
16 to 21 years.....	100.0	2.7	5.1	92.2	53.9	38.3
16 to 19 years.....	100.0	9.4	16.3	74.3	51.5	22.8
16 and 17 years.....	100.0	11.9	20.1	68.0	48.0	20.0
18 and 19 years.....	100.0	17.3	30.3	52.4	38.3	14.1
20 years and over.....	100.0	7.4	11.3	81.3	56.2	25.1
20 to 24 years.....	100.0	1.7	3.6	94.7	54.5	40.2
25 years and over.....	100.0	2.6	6.1	91.3	58.9	32.4
25 to 44 years.....	100.0	1.6	3.2	95.2	53.9	41.3
45 to 64 years.....	100.0	1.6	1.6	96.8	52.7	44.1
65 years and over.....	100.0	1.5	2.1	96.5	57.1	39.4
Females, 16 years and over.....						
16 to 21 years.....	100.0	2.9	33.8	63.2	37.9	25.3
16 to 19 years.....	100.0	4.4	20.0	75.6	61.3	14.3
16 and 17 years.....	100.0	9.1	22.0	69.0	58.0	11.0
18 and 19 years.....	100.0	12.1	27.4	60.5	50.0	10.5
20 years and over.....	100.0	17.1	38.9	44.0	35.1	8.9
20 to 24 years.....	100.0	8.6	19.5	71.9	60.2	11.7
25 years and over.....	100.0	3.2	18.9	77.9	63.1	14.8
25 to 44 years.....	100.0	3.3	11.7	85.0	72.4	12.6
45 to 64 years.....	100.0	3.2	20.5	76.3	61.0	15.3
65 years and over.....	100.0	3.3	19.5	77.2	63.0	14.2
COLOR						
Total White.....	100.0	3.0	10.6	86.4	55.6	30.8
Male.....	100.0	2.4	5.2	92.4	52.6	39.8
Female.....	100.0	4.0	20.3	75.6	61.0	14.6
Total Nonwhite.....	100.0	5.9	10.2	83.9	64.8	19.1
Male.....	100.0	5.1	4.6	90.3	65.7	24.6
Female.....	100.0	7.1	17.9	75.0	63.5	11.5
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	1.4	2.9	95.6	53.3	42.3
Widowed, divorced, or separated.....	100.0	3.1	6.9	90.1	58.3	31.8
Single (never married).....	100.0	7.3	13.2	79.4	55.1	24.3
Female:						
Married, husband present.....	100.0	3.1	22.5	74.4	60.2	14.2
Widowed, divorced, or separated.....	100.0	4.3	16.7	79.0	61.7	17.3
Single (never married).....	100.0	6.9	17.5	75.5	63.2	12.3

HOUSEHOLD DATA

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

July 1969

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.....	31,911	570	3,603	27,738	18,132	3,450	6,156	40.9	44.1
Professional and technical	8,058	97	894	7,067	4,689	836	1,542	40.7	43.8
Managers, officials, and proprietors.....	7,405	73	249	7,083	2,916	1,049	3,118	48.3	49.6
Clerical workers	12,210	263	1,549	10,398	8,680	1,047	671	37.4	40.4
Sales workers.....	4,239	137	911	3,191	1,848	518	825	38.1	44.2
Blue-collar workers.....	25,234	977	1,257	23,000	15,097	3,955	3,948	41.0	43.0
Craftsmen and foremen	9,107	201	251	8,655	5,416	1,561	1,678	42.5	43.6
Operatives	12,225	462	561	11,202	7,355	1,933	1,914	41.2	43.0
Nonfarm laborers.....	3,903	314	445	3,144	2,326	461	357	36.8	41.3
Service workers.....	8,592	631	2,079	5,882	3,910	946	1,026	35.7	43.6
Private household.....	1,392	220	602	570	363	92	115	26.7	43.9
Other service workers.....	7,200	411	1,477	5,312	3,547	854	911	37.5	43.6
MALE									
White-collar workers.....	17,575	211	853	16,511	8,767	2,428	5,316	44.9	46.5
Professional and technical	5,710	57	340	5,313	3,282	684	1,347	43.0	44.7
Managers, officials, and proprietors	6,286	50	126	6,110	2,329	938	2,843	49.3	50.2
Clerical workers	3,151	66	165	2,920	2,112	420	388	40.7	42.3
Sales workers	2,427	38	222	2,167	1,043	386	738	43.3	46.0
Blue-collar workers	21,356	763	923	19,670	12,334	3,521	3,815	41.7	43.6
Craftsmen and foremen	8,795	195	221	8,379	5,206	1,514	1,659	42.7	43.7
Operatives	8,776	264	283	8,229	4,875	1,552	1,802	42.9	44.3
Nonfarm laborers.....	3,785	303	418	3,064	2,256	454	354	37.0	41.3
Service workers.....	3,032	159	396	2,477	1,467	430	580	40.7	45.5
Private household.....	32	3	8	21	11	5	5	35.3	45.6
Other service workers	3,000	157	387	2,456	1,456	425	575	40.8	45.5
FEMALE									
White-collar workers.....	14,336	359	2,750	11,227	9,364	1,022	841	36.0	40.5
Professional and technical	2,348	39	555	1,754	1,406	152	196	35.2	41.1
Managers, officials, and proprietors	1,118	23	123	972	586	111	275	42.8	46.2
Clerical workers	9,059	197	1,384	7,478	6,568	627	283	36.3	39.7
Sales workers	1,811	99	688	1,024	805	132	87	31.3	40.4
Blue-collar workers.....	3,879	214	335	3,330	2,762	435	133	37.0	39.6
Craftsmen and foremen	312	5	30	277	212	47	18	38.6	40.6
Operatives	3,449	198	278	2,973	2,479	381	113	37.1	39.5
Nonfarm laborers.....	118	10	27	81	71	7	3	32.7	39.3
Service workers.....	5,559	470	1,683	3,406	2,445	515	446	33.0	42.2
Private household.....	1,360	217	594	549	354	87	108	26.5	43.9
Other service workers	4,199	254	1,089	2,856	2,092	428	336	35.1	41.9

HOUSEHOLD DATA

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

July 1969

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	1.8	11.3	86.9	56.8	10.8	19.3
Professional and technical	100.0	1.2	11.1	87.7	58.2	10.4	19.1
Managers, officials, and proprietors	100.0	1.0	3.4	95.7	39.4	14.2	42.1
Clerical workers	100.0	2.2	12.7	85.2	71.1	8.6	5.5
Sales workers	100.0	3.2	21.5	75.3	43.6	12.2	19.5
Blue-collar workers	100.0	3.9	5.0	91.1	59.8	15.7	15.6
Craftsmen and foremen	100.0	2.2	2.8	95.0	59.5	17.1	18.4
Operatives	100.0	3.8	4.6	91.7	60.2	15.8	15.7
Nonfarm laborers	100.0	8.0	11.4	80.5	59.6	11.8	9.1
Service workers	100.0	7.3	24.2	68.4	45.5	11.0	11.9
Private household	100.0	15.8	43.2	41.0	26.1	6.6	8.3
Other service workers	100.0	5.7	20.5	73.9	49.3	11.9	12.7
MALE							
White-collar workers	100.0	1.2	4.9	93.9	49.9	13.8	30.2
Professional and technical	100.0	1.0	6.0	93.1	57.5	12.0	23.6
Managers, officials, and proprietors	100.0	.8	2.0	97.2	37.1	14.9	45.2
Clerical workers	100.0	2.1	5.2	92.6	67.0	13.3	12.3
Sales workers	100.0	1.6	9.1	89.3	43.0	15.9	30.4
Blue-collar workers	100.0	3.6	4.3	92.2	57.8	16.5	17.9
Craftsmen and foremen	100.0	2.2	2.5	95.3	59.2	17.2	18.9
Operatives	100.0	3.0	3.2	93.7	55.5	17.7	20.5
Nonfarm laborers	100.0	8.0	11.0	81.0	59.6	12.0	9.4
Service workers	100.0	5.2	13.1	81.7	48.4	14.2	19.1
Private household	100.0	9.4	25.0	65.6	34.4	15.6	15.6
Other service workers	100.0	5.2	12.9	81.9	48.5	14.2	19.2
FEMALE							
White-collar workers	100.0	2.5	19.2	78.3	65.3	7.1	5.9
Professional and technical	100.0	1.7	23.6	74.7	59.9	6.5	8.3
Managers, officials, and proprietors	100.0	2.1	11.0	86.9	52.4	9.9	24.6
Clerical workers	100.0	2.2	15.3	82.5	72.5	6.9	3.1
Sales workers	100.0	5.5	38.0	56.6	44.5	7.3	4.8
Blue-collar workers	100.0	5.5	8.6	85.8	71.2	11.2	3.4
Craftsmen and foremen	100.0	1.6	9.6	88.8	67.9	15.1	5.8
Operatives	100.0	5.7	8.1	86.2	71.9	11.0	3.3
Nonfarm laborers	100.0	8.5	22.9	68.6	60.2	5.9	2.5
Service workers	100.0	8.5	30.3	61.3	44.0	9.3	8.0
Private household	100.0	16.0	43.7	40.3	26.0	6.4	7.9
Other service workers	100.0	6.0	25.9	68.0	49.8	10.2	8.0

HOUSEHOLD DATA

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

July 1969
(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population.....	7,855	3,980	3,875	6,757	3,435	3,322	1,098	545	553
Civilian labor force.....	2,404	1,575	829	2,112	1,374	738	292	202	91
Employed.....	2,115	1,371	744	1,894	1,223	672	221	149	72
Agriculture.....	444	342	102	379	304	75	64	38	27
Nonagricultural industries.....	1,672	1,030	642	1,515	919	596	156	111	45
Unemployed.....	289	204	85	217	151	66	72	53	19
Not in labor force.....	5,450	2,404	3,046	4,645	2,061	2,584	805	343	462
Keeping house.....	439	25	414	344	25	318	95	--	95
Going to school.....	622	319	303	493	269	223	129	50	80
Unable to work.....	12	7	5	6	5	--	6	2	4
All other reasons.....	4,378	2,053	2,325	3,803	1,762	2,042	575	292	283

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

July 1969

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	2,115	1,371	744	100.0	100.0	100.0
Nonagricultural industries.....	1,671	1,029	642	79.1	75.1	86.2
Wage and salary workers.....	1,559	932	627	73.7	67.9	84.3
Private household workers.....	630	232	398	29.8	16.9	53.5
Government workers.....	144	89	56	6.8	6.5	7.5
Other wage and salary workers.....	785	611	173	37.1	44.5	23.3
Self-employed workers.....	74	69	4	3.5	5.0	.5
Unpaid family workers.....	39	29	10	1.8	2.1	1.3
Agriculture.....	444	342	102	20.9	24.9	13.8
Wage and salary workers.....	266	199	67	12.6	14.5	9.0
Self-employed workers.....	14	16	--	.7	1.2	--
Unpaid family workers.....	163	127	36	7.7	9.3	4.8
OCCUPATION						
Total.....	2,115	1,371	744	100.0	100.0	100.0
White-collar workers.....	364	258	105	17.2	18.8	14.1
Professional and technical.....	27	20	7	1.3	1.5	.9
Managers, officials, and proprietors.....	1	--	1	--	--	.1
Clerical workers.....	96	36	59	4.5	2.6	7.9
Sales workers.....	240	202	38	11.3	14.7	5.1
Blue-collar workers.....	595	573	22	28.1	41.8	2.8
Craftsmen and foremen.....	36	34	2	1.7	2.5	.3
Operatives.....	105	93	12	5.0	6.8	1.6
Nonfarm laborers.....	454	447	7	21.5	32.6	.9
Service workers.....	743	226	517	35.1	16.5	69.6
Private household workers.....	406	16	390	19.2	1.2	52.5
Other service workers.....	337	210	127	15.9	15.3	17.1
Farm workers.....	414	314	100	19.5	22.9	13.5
Farmers and farm managers.....	4	4	--	.2	.3	--
Farm laborers and foremen.....	410	310	100	19.4	22.6	13.5

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Employment status, age, and sex	1969							1968						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
Total														
Total labor force	84,277	83,957	83,593	83,966	83,999	83,831	83,351	82,868	82,559	82,403	82,438	82,338	82,504	
Civilian labor force	80,756	80,433	80,071	80,450	80,495	80,356	79,874	79,368	79,042	78,800	78,847	78,749	78,917	
Employed	77,874	77,671	77,265	77,605	77,767	77,729	77,229	76,765	76,388	76,002	76,000	75,973	76,020	
Agriculture	3,551	3,705	3,805	3,664	3,732	3,881	3,752	3,842	3,706	3,525	3,651	3,751	3,825	
Nonagricultural industries	74,323	73,966	73,460	73,941	74,035	73,848	73,477	72,923	72,682	72,477	72,349	72,222	72,195	
On part time for economic reasons	1,795	1,874	1,688	1,670	1,801	1,638	1,605	1,673	1,711	1,687	1,743	1,810	1,764	
Usually work full time	881	1,030	862	858	979	870	805	872	852	907	974	974	945	
Usually work part time	914	844	826	812	822	768	800	801	859	780	769	836	819	
Unemployed	2,882	2,762	2,806	2,845	2,728	2,627	2,645	2,603	2,654	2,798	2,847	2,776	2,897	
Men, 20 years and over														
Total labor force	49,389	49,304	49,267	49,286	49,378	49,336	49,189	49,132	48,926	48,911	48,981	49,023	48,983	
Civilian labor force	46,322	46,206	46,171	46,195	46,297	46,280	46,131	46,093	45,871	45,782	45,863	45,906	45,916	
Employed	45,293	45,260	45,227	45,285	45,422	45,422	45,231	45,254	44,940	44,773	44,858	44,921	44,913	
Agriculture	2,646	2,676	2,731	2,681	2,706	2,732	2,680	2,763	2,753	2,656	2,711	2,784	2,848	
Nonagricultural industries	42,647	42,584	42,496	42,604	42,716	42,690	42,551	42,491	42,187	42,117	42,147	42,137	42,065	
Unemployed	1,029	946	944	910	875	858	900	839	931	1,009	1,005	985	1,003	
Women, 20 years and over														
Civilian labor force	27,511	27,262	27,049	27,205	27,189	27,230	26,950	26,737	26,630	26,480	26,394	26,216	26,354	
Employed	26,505	26,251	26,046	26,169	26,228	26,264	25,999	25,802	25,702	25,495	25,375	25,240	25,341	
Agriculture	540	617	627	609	638	731	691	722	621	541	550	580	569	
Nonagricultural industries	25,965	25,634	25,419	25,560	25,590	25,533	25,308	25,080	25,081	24,954	24,825	24,660	24,772	
Unemployed	1,006	1,011	1,003	1,036	961	966	951	935	928	985	1,019	976	1,013	
Both sexes, 16-19 years														
Civilian labor force	6,923	6,965	6,851	7,050	7,009	6,846	6,793	6,538	6,541	6,538	6,590	6,627	6,647	
Employed	6,076	6,160	5,992	6,151	6,117	6,043	5,999	5,709	5,746	5,734	5,767	5,812	5,766	
Agriculture	365	412	447	374	388	418	381	357	332	328	390	387	408	
Nonagricultural industries	5,711	5,748	5,545	5,777	5,729	5,625	5,618	5,352	5,414	5,406	5,377	5,425	5,358	
Unemployed	847	805	859	899	892	803	794	829	795	804	823	815	881	

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-35 will not necessarily add to totals.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-30: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1969							1968						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
WHITE														
Total:														
Civilian labor force.....	71,657	71,437	71,137	71,589	71,688	71,475	71,101	70,669	70,444	70,050	70,133	69,934	69,984	
Employed	69,350	69,275	68,915	69,366	69,494	69,376	68,984	68,584	68,332	67,899	67,878	67,700	67,683	
Unemployed	2,307	2,162	2,222	2,223	2,194	2,099	2,117	2,088	2,112	2,151	2,255	2,234	2,301	
Unemployment rate	3.2	3.0	3.1	3.1	3.1	2.9	3.0	3.0	3.0	3.1	3.2	3.2	3.3	
Males, 20 years and over:														
Civilian labor force.....	41,704	41,614	41,547	41,674	41,765	41,749	41,601	41,618	41,384	41,282	41,360	41,380	41,354	
Employed	40,850	40,835	40,759	40,938	41,029	41,038	40,878	40,943	40,616	40,474	40,537	40,566	40,517	
Unemployed	854	779	788	736	736	711	723	675	768	808	823	814	837	
Unemployment rate	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.9	2.0	2.0	2.0	2.0	
Females, 20 years and over:														
Civilian labor force.....	23,866	23,686	23,530	23,656	23,681	23,656	23,466	23,208	23,230	22,976	22,923	22,743	22,826	
Employed	23,084	22,885	22,750	22,877	22,936	22,879	22,683	22,476	22,840	22,227	22,129	21,955	22,046	
Unemployed	782	801	780	779	745	777	783	732	750	749	794	788	780	
Unemployment rate	3.3	3.4	3.3	3.3	3.1	3.3	3.3	3.2	3.2	3.3	3.5	3.5	3.4	
Both sexes, 16 to 19 years:														
Civilian labor force.....	6,087	6,137	6,060	6,259	6,242	6,070	6,034	5,843	5,830	5,792	5,850	5,811	5,804	
Employed	5,416	5,555	5,406	5,551	5,529	5,459	5,423	5,162	5,236	5,198	5,212	5,179	5,120	
Unemployed	671	582	654	708	713	611	611	681	594	594	638	632	684	
Unemployment rate	11.0	9.5	10.8	11.3	11.4	10.1	10.1	11.7	10.2	10.3	10.9	10.9	11.8	
NONWHITE														
Total:														
Civilian labor force.....	8,928	8,879	8,790	8,892	8,952	8,946	8,942	8,855	8,689	8,629	8,578	8,731	8,808	
Employed	8,353	8,255	8,221	8,276	8,416	8,435	8,402	8,323	8,120	7,997	8,012	8,175	8,213	
Unemployed	575	624	569	616	536	511	540	532	569	632	566	556	595	
Unemployment rate	6.4	7.0	6.5	6.9	6.0	5.7	6.0	6.0	6.5	7.3	6.6	6.4	6.8	
Males, 20 years and over:														
Civilian labor force.....	4,574	4,567	4,551	4,516	4,566	4,563	4,559	4,544	4,509	4,466	4,505	4,524	4,531	
Employed	4,402	4,384	4,395	4,347	4,422	4,417	4,384	4,387	4,341	4,258	4,328	4,355	4,368	
Unemployed	172	183	156	169	144	146	175	157	168	208	177	169	163	
Unemployment rate	3.8	4.0	3.4	3.7	3.2	3.2	3.8	3.5	3.7	4.7	3.9	3.7	3.6	
Females, 20 years and over:														
Civilian labor force.....	3,555	3,526	3,469	3,579	3,559	3,583	3,561	3,534	3,445	3,424	3,369	3,417	3,460	
Employed	3,330	3,310	3,270	3,320	3,346	3,394	3,384	3,330	3,242	3,215	3,162	3,210	3,227	
Unemployed	225	216	199	259	213	189	177	204	203	209	207	207	233	
Unemployment rate	6.3	6.1	5.7	7.2	6.0	5.3	5.0	5.8	5.9	6.1	6.1	6.1	6.7	
Both sexes, 16 to 19 years:														
Civilian labor force.....	799	786	770	797	827	800	822	777	735	739	704	790	817	
Employed	621	561	556	609	648	624	634	606	537	524	522	610	618	
Unemployed	178	225	214	188	179	176	188	171	198	215	182	180	199	
Unemployment rate	22.3	28.6	27.8	23.6	21.6	22.0	22.9	22.0	26.9	29.1	25.9	22.8	24.4	

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-31: Major unemployment indicators, seasonally adjusted

Selected categories	(Unemployment rates)												
	1969							1968					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
Total (all civilian workers)	3.6	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.6	3.6	3.5	3.7
Men, 20 years and over	2.2	2.0	2.0	2.0	1.9	1.9	2.0	1.8	2.0	2.2	2.2	2.1	2.2
Women, 20 years and over	3.7	3.7	3.7	3.8	3.5	3.5	3.5	3.5	3.5	3.7	3.9	3.7	3.8
Both sexes, 16-19 years	12.2	11.6	12.5	12.8	12.7	11.7	11.7	12.7	12.2	12.3	12.5	12.3	13.3
White workers	3.2	3.0	3.1	3.1	3.1	2.9	3.0	3.0	3.0	3.1	3.2	3.2	3.3
Nonwhite workers	6.4	7.0	6.5	6.9	6.0	5.7	6.0	6.0	6.5	7.3	6.6	6.4	6.8
Married men	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.6
Full-time workers	3.2	3.1	3.1	3.2	2.9	2.8	2.9	2.7	3.0	3.0	3.0	3.1	3.3
Unemployed 15 weeks and over . . . . .	.5	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5	.5	.6
State insured ¹	2.2	2.1	2.0	2.1	2.1	2.2	2.1	2.0	2.2	2.1	2.2	2.3	2.3
Labor force time lost ²	4.1	3.9	3.5	3.7	3.7	3.6	3.6	3.6	3.8	3.9	4.0	4.0	4.2
OCCUPATION													
White-collar workers	2.2	2.1	1.9	1.8	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
Professional and technical	1.5	1.3	1.4	1.1	1.2	1.1	.9	1.1	1.1	1.3	1.3	1.2	1.4
Managers, officials, and proprietors . . . . .	.8	1.0	.9	.8	.9	.9	1.1	.9	1.0	1.2	1.0	1.0	1.2
Clerical workers	3.2	3.0	2.8	2.4	3.1	2.7	3.0	2.7	3.1	2.6	3.1	2.9	2.9
Sales workers	3.3	2.9	2.6	3.3	2.9	3.3	2.6	2.9	2.5	3.2	2.5	2.7	2.5
Blue-collar workers	3.8	3.7	3.8	4.1	3.7	3.6	3.8	3.6	3.9	4.0	4.1	4.2	4.3
Craftsmen and foremen	1.9	1.9	2.4	2.2	2.2	2.1	2.1	1.9	2.3	2.2	2.4	2.5	2.4
Operatives	4.2	4.3	4.0	4.6	3.9	4.2	4.2	4.2	4.3	4.3	4.5	4.5	4.5
Nonfarm laborers	7.5	5.9	6.4	6.8	7.0	5.5	6.6	6.1	6.8	7.3	6.9	7.5	8.3
Service workers	4.3	4.5	4.2	4.5	3.8	3.8	4.2	4.2	4.2	4.7	4.4	4.1	4.9
Farm workers	2.9	2.0	1.7	1.9	2.1	1.1	1.5	1.7	1.3	2.0	2.3	2.5	2.5
INDUSTRY													
Private wage and salary workers ³	3.6	3.5	3.5	3.6	3.4	3.3	3.4	3.3	3.4	3.6	3.6	3.6	3.8
Construction	5.7	5.0	5.5	6.2	6.2	5.5	5.5	5.4	6.5	6.0	5.7	6.9	7.0
Manufacturing	3.2	3.3	3.1	3.2	3.1	2.9	3.2	2.8	3.2	3.4	3.3	3.3	3.2
Durable goods	3.2	3.3	2.9	3.0	2.7	2.4	2.7	2.6	3.1	3.2	3.1	3.0	2.8
Nondurable goods	3.2	3.3	3.4	3.4	3.7	3.6	3.9	3.3	3.3	3.6	3.6	3.6	3.9
Transportation and public utilities	1.9	1.9	2.8	2.3	2.4	1.8	1.8	1.6	2.1	2.2	2.6	2.2	2.2
Wholesale and retail trade	4.1	4.2	3.9	4.2	3.8	3.9	3.8	4.1	3.9	4.0	4.0	3.9	4.0
Finance and service industries	3.7	3.2	3.4	3.3	2.9	3.1	3.1	3.2	3.0	3.4	3.3	3.3	4.0
Government wage and salary workers	1.9	1.8	1.7	1.6	1.6	1.7	1.8	1.7	1.8	1.7	2.0	1.7	2.0
Agricultural wage and salary workers	9.1	5.5	4.9	5.7	5.9	4.1	5.8	5.7	4.5	5.8	7.6	7.8	8.1

¹Insured unemployment under State programs as a percent of average covered employment.

²Man-hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force man-hours.

³Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Duration of unemployment	1969							1968						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
Less than 5 weeks	1,677	1,591	1,777	1,724	1,646	1,436	1,476	1,363	1,576	1,542	1,631	1,629	1,657	
5 to 14 weeks	830	813	629	737	757	829	741	825	785	892	811	765	844	
15 weeks and over	419	383	409	393	355	346	316	322	348	381	373	400	470	
15 to 26 weeks	244	258	278	254	237	237	193	177	221	253	235	238	295	
27 weeks and over	175	125	131	139	118	109	123	145	127	128	138	162	175	

A-33: Rates of unemployment by age and sex, seasonally adjusted

Age and sex	1969							1968						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
Total, 16 years and over . . .	3.6	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.6	3.6	3.5	3.7	
16 to 19 years	12.2	11.6	12.5	12.8	12.7	11.7	11.7	12.7	12.2	12.3	12.5	12.3	13.3	
16 and 17 years	14.7	13.4	13.8	14.5	14.0	13.1	13.5	15.0	13.7	14.6	14.4	13.8	15.3	
18 and 19 years	10.4	10.0	11.8	11.5	11.6	11.1	10.5	10.9	10.5	10.8	11.2	11.2	11.7	
20 to 24 years	5.9	5.3	5.4	5.7	5.3	5.5	5.2	5.3	5.9	6.1	5.9	6.0	5.6	
25 years and over	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.2	2.3	2.2	2.4	
25 to 54 years	2.3	2.3	2.3	2.3	2.2	2.0	2.2	2.0	2.2	2.3	2.3	2.3	2.4	
55 years and over	2.1	2.0	1.7	2.0	1.9	2.0	1.9	2.1	2.1	2.1	2.1	2.0	2.3	
Males, 16 years and over	3.0	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.7	2.9	2.8	2.8	2.9	
16 to 19 years	12.0	10.4	11.0	11.4	11.5	11.0	11.8	11.6	11.3	11.7	10.9	10.9	11.7	
16 and 17 years	14.7	12.7	13.9	12.6	12.9	12.5	13.2	14.2	13.7	14.1	12.9	12.8	14.3	
18 and 19 years	10.0	8.3	8.8	10.4	10.2	9.5	10.6	9.5	8.6	10.0	9.3	9.5	9.7	
20 to 24 years	5.5	4.8	4.8	4.7	4.5	4.9	5.0	4.2	4.7	5.7	5.2	5.3	4.9	
25 years and over	1.8	1.6	1.7	1.6	1.6	1.5	1.6	1.5	1.7	1.8	1.8	1.8	1.9	
25 to 54 years	1.7	1.6	1.8	1.6	1.5	1.4	1.5	1.4	1.7	1.7	1.7	1.7	1.7	
55 years and over	2.0	1.8	1.6	1.7	1.8	1.7	1.9	1.9	2.0	2.0	2.1	1.9	2.2	
Females, 16 years and over	4.6	4.7	4.8	4.9	4.6	4.5	4.3	4.5	4.4	4.6	4.9	4.8	5.0	
16 to 19 years	12.5	12.9	14.5	14.5	14.3	12.7	11.6	14.1	13.3	13.1	14.4	14.0	15.2	
16 and 17 years	14.8	14.3	13.5	16.9	15.6	13.9	14.0	16.2	13.7	15.3	16.6	15.4	16.8	
18 and 19 years	10.8	11.9	15.2	12.7	13.3	13.0	10.4	12.6	12.8	11.8	13.3	13.1	14.0	
20 to 24 years	6.3	5.9	6.1	6.8	6.3	6.1	5.5	6.5	7.2	6.6	6.8	6.8	6.4	
25 years and over	3.2	3.3	3.1	3.2	3.0	3.1	3.2	2.9	2.9	3.1	3.1	3.1	3.4	
25 to 54 years	3.5	3.6	3.4	3.6	3.3	3.2	3.4	3.1	3.1	3.3	3.5	3.4	3.7	
55 years and over	2.3	2.3	1.8	2.4	1.9	2.5	1.9	2.4	2.5	2.4	2.1	2.1	2.4	

HOUSEHOLD DATA

SEASONALLY ADJUSTED

A-34: Employed persons by age and sex, seasonally adjusted

Age and sex	1969							1968						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
TOTAL														
16 years and over	77,874	77,671	77,265	77,605	77,767	77,729	77,229	76,765	76,388	76,002	76,000	75,973	76,020	
16 to 19 years	6,076	6,160	5,992	6,151	6,117	6,043	5,999	5,709	5,746	5,734	5,767	5,812	5,766	
16 and 17 years	2,509	2,548	2,512	2,652	2,660	2,570	2,524	2,394	2,373	2,366	2,373	2,396	2,401	
18 and 19 years	3,509	3,594	3,443	3,518	3,533	3,492	3,527	3,364	3,387	3,370	3,374	3,390	3,321	
20 to 24 years	9,365	9,384	9,176	9,237	9,222	9,165	9,026	8,955	8,914	8,827	8,832	8,791	8,840	
25 years and over	62,387	62,096	62,101	62,203	62,416	62,552	62,217	62,121	61,777	61,438	61,384	61,385	61,835	
25 to 54 years	48,259	48,047	48,056	48,106	48,326	48,466	48,366	48,127	47,811	47,517	47,551	47,499	47,484	
55 years and over	14,022	13,954	13,992	14,131	14,160	14,113	13,973	14,016	13,931	13,846	13,810	13,847	13,822	
MALE														
16 years and over	48,638	48,653	48,609	48,766	48,919	48,875	48,686	48,579	48,235	48,030	48,120	48,203	48,162	
16 to 19 years	3,345	3,393	3,382	3,481	3,497	3,453	3,455	3,325	3,295	3,257	3,262	3,282	3,249	
16 and 17 years	1,482	1,496	1,472	1,559	1,608	1,557	1,532	1,463	1,444	1,439	1,442	1,453	1,436	
18 and 19 years	1,822	1,894	1,874	1,923	1,937	1,919	1,950	1,890	1,864	1,836	1,816	1,813	1,787	
20 to 24 years	5,037	5,061	5,005	4,977	4,923	4,887	4,814	4,921	4,830	4,790	4,819	4,804	4,827	
25 years and over	40,236	40,191	40,215	40,298	40,494	40,568	40,407	40,356	40,091	39,978	40,042	40,135	40,077	
25 to 54 years	31,263	31,207	31,185	31,216	31,393	31,466	31,422	31,339	31,083	30,984	31,042	31,054	31,054	
55 years and over	8,954	8,936	9,003	9,084	9,127	9,111	9,062	9,040	9,010	8,972	8,989	9,060	9,013	
FEMALE														
16 years and over	29,236	29,018	28,656	28,839	28,848	28,854	28,543	28,186	28,153	27,972	27,880	27,770	27,858	
16 to 19 years	2,731	2,767	2,610	2,670	2,620	2,590	2,544	2,384	2,451	2,477	2,505	2,530	2,517	
16 and 17 years	1,027	1,052	1,040	1,093	1,052	1,013	992	931	929	927	931	943	965	
18 and 19 years	1,687	1,700	1,569	1,595	1,596	1,573	1,577	1,474	1,523	1,534	1,558	1,577	1,534	
20 to 24 years	4,328	4,323	4,171	4,260	4,299	4,278	4,212	4,034	4,084	4,037	4,013	3,987	4,013	
25 years and over	22,151	21,905	21,886	21,905	21,922	21,984	21,810	21,765	21,686	21,460	21,342	21,250	21,308	
25 to 54 years	16,996	16,840	16,871	16,890	16,933	17,000	16,944	16,788	16,728	16,533	16,509	16,445	16,430	
55 years and over	5,068	5,018	4,989	5,047	5,033	5,002	4,911	4,976	4,921	4,874	4,821	4,787	4,809	

A-35: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1969							1968						
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	
White-collar workers.....	36,802	36,920	36,722	36,458	36,346	36,179	36,125	35,869	35,990	35,859	35,921	35,663	35,683	
Professional and technical.....	10,889	10,811	10,756	10,759	10,714	10,521	10,648	10,477	10,550	10,329	10,401	10,358	10,419	
Managers, officials, and proprietors.....	7,915	7,908	8,044	8,003	7,855	7,773	7,855	7,813	7,892	7,995	7,962	7,824	7,729	
Clerical workers.....	13,282	13,433	13,279	13,120	13,152	13,268	13,055	12,940	12,828	12,899	12,878	12,755	12,851	
Sales workers.....	4,716	4,768	4,643	4,576	4,625	4,617	4,567	4,639	4,720	4,636	4,680	4,726	4,684	
Blue-collar workers.....	28,347	28,032	27,603	27,990	28,220	28,395	28,151	28,051	27,622	27,596	27,530	27,538	27,459	
Craftsmen and foremen.....	10,160	10,085	9,957	10,019	10,211	10,460	10,330	10,306	10,140	10,029	9,945	9,927	9,986	
Operatives.....	14,560	14,260	14,050	14,199	14,345	14,327	14,206	14,114	13,897	14,086	13,983	13,997	13,849	
Nonfarm laborers.....	3,627	3,687	3,596	3,772	3,664	3,608	3,615	3,631	3,585	3,481	3,602	3,614	3,624	
Service workers.....	9,448	9,372	9,353	9,673	9,703	9,605	9,418	9,453	9,445	9,382	9,350	9,417	9,332	
Farmers and farm laborers.....	3,235	3,438	3,522	3,381	3,436	3,591	3,411	3,421	3,350	3,149	3,360	3,384	3,458	

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

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

(In thousands)

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.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,022	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	634	3,050	17,274	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	632	3,186	18,062	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	627	3,275	19,214	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	613	3,208	19,447	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,860	610	3,267	19,768	4,313	14,081	3,618	10,464	3,383	10,592	11,846	2,737	9,109
1968: July.....	68,036	635	3,503	19,754	4,358	14,084	3,667	10,417	3,433	10,772	11,497	2,843	8,654
August.....	68,205	636	3,557	19,910	4,375	14,114	3,677	10,437	3,457	10,753	11,403	2,795	8,608
September.....	68,610	629	3,519	20,045	4,381	14,184	3,664	10,520	3,424	10,667	11,761	2,705	9,056
October.....	68,960	574	3,503	20,019	4,363	14,302	3,686	10,616	3,430	10,732	12,037	2,694	9,343
November.....	69,248	621	3,379	20,036	4,373	14,536	3,702	10,834	3,439	10,755	12,109	2,703	9,406
December.....	69,805	619	3,247	20,008	4,370	15,113	3,715	11,398	3,449	10,773	12,226	2,769	9,457
1969: January.....	68,196	611	3,024	19,803	4,288	14,189	3,671	10,518	3,448	10,693	12,140	2,735	9,405
February.....	68,403	610	2,999	19,891	4,303	14,097	3,666	10,431	3,467	10,792	12,244	2,739	9,505
March.....	68,894	610	3,077	19,978	4,346	14,201	3,678	10,523	3,490	10,913	12,279	2,737	9,542
April.....	69,462	619	3,255	19,952	4,403	14,398	3,688	10,710	3,517	11,044	12,274	2,747	9,527
May.....	69,929	624	3,404	19,982	4,431	14,517	3,709	10,808	3,534	11,131	12,306	2,740	9,566
June.....	70,953	638	3,594	20,337	4,501	14,715	3,791	10,924	3,585	11,239	12,344	2,832	9,512
July.....	70,558	642	3,693	20,238	4,535	14,682	3,815	10,867	3,633	11,250	11,885	2,855	9,030

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.
Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

B-2: Employees on nonagricultural payrolls, by industry

(In thousands)											
SIC CODE	Industry	All employees					Production workers ¹				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
-	TOTAL	70,558	70,953	69,929	68,036	68,470	-	-	-	-	-
-	PRIVATE SECTOR	58,673	58,609	57,623	56,539	56,513	48,636	48,620	47,732	46,869	46,908
-	MINING	642	638	624	635	631	491	487	476	485	483
10	METAL MINING	-	93.3	90.9	92.5	91.5	-	75.2	73.4	74.4	73.8
101	Iron ores	-	26.6	25.8	27.2	26.7	-	21.8	21.1	22.6	22.2
102	Copper ores	-	37.5	36.3	35.4	35.2	-	29.8	29.0	27.8	27.7
11,12	COAL MINING	-	134.9	134.6	136.7	137.6	-	115.9	116.3	118.1	118.8
12	Bituminous coal and lignite mining	-	128.6	128.3	130.6	131.4	-	110.4	110.7	112.7	113.4
13	OIL AND GAS EXTRACTION	-	286.2	278.6	283.1	279.4	-	194.3	187.4	191.8	190.0
131,2	Crude petroleum and natural gas fields	-	147.0	143.4	153.0	150.0	-	76.9	74.0	80.9	79.6
138	Oil and gas field services	-	139.2	135.2	130.1	129.4	-	117.4	113.4	110.9	110.4
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	123.2	119.8	122.8	122.1	-	101.8	98.6	101.1	100.4
142	Crushed and broken stone	-	43.3	42.0	42.2	41.9	-	36.9	35.5	35.8	35.3
144	Sand and gravel	-	41.8	40.5	41.5	40.9	-	-	-	-	-
	CONTRACT CONSTRUCTION	3,693	3,594	3,404	3,503	3,394	3,141	3,054	2,875	2,986	2,879
	GENERAL BUILDING CONTRACTORS	-	1,056.9	988.8	1,040.8	1,005.6	-	904.9	838.8	891.4	854.6
16	HEAVY CONSTRUCTION CONTRACTORS	-	829.7	765.4	789.0	758.6	-	720.5	659.1	691.4	661.5
161	Highway and street construction	-	384.8	349.0	394.9	378.4	-	345.0	310.2	358.4	342.0
162	Heavy construction, n e c	-	444.9	416.4	394.1	380.2	-	375.5	348.9	333.0	319.5
17	SPECIAL TRADE CONTRACTORS	-	1,707.4	1,650.0	1,672.9	1,630.0	-	1,428.8	1,376.6	1,403.0	1,362.8
171	Plumbing, heating, air conditioning	-	405.7	392.4	394.2	385.9	-	327.6	315.4	319.4	311.6
172	Painting, paper hanging, decorating	-	140.0	129.1	149.1	140.7	-	124.3	114.3	132.7	124.5
173	Electrical work	-	282.4	274.6	269.4	265.0	-	227.2	221.3	215.5	211.8
174	Masonry, stonework, and plastering	-	238.2	229.9	240.7	234.2	-	216.1	207.2	218.7	211.7
176	Roofing and sheet metal work	-	118.9	115.4	117.1	114.3	-	98.2	94.7	96.8	93.6
	MANUFACTURING	20,238	20,337	19,982	19,754	19,926	14,801	14,926	14,624	14,434	14,642
19,24,25, 32-39	DURABLE GOODS	11,962	12,038	11,846	11,628	11,725	8,705	8,785	8,615	8,424	8,547
20-23, 26-31	NONDURABLE GOODS	8,276	8,299	8,136	8,126	8,201	6,096	6,141	6,009	6,010	6,095
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	339.4	335.6	338.7	345.6	341.4	189.2	187.2	189.1	193.5	192.6
192	Ammunition, except for small arms	252.5	250.2	253.9	258.8	255.6	134.8	132.8	135.4	137.8	137.7
1925	Complete guided missiles	-	145.7	148.9	155.8	155.2	-	47.7	49.9	52.5	54.5
1929	Ammunition, exc. for small arms, nec	-	104.5	105.0	103.0	100.4	-	85.1	85.5	85.3	83.2
24	LUMBER AND WOOD PRODUCTS	627.6	624.8	604.1	615.1	612.9	546.9	544.4	525.0	534.6	533.2
241	Logging camps & logging contractors	87.3	84.6	76.3	85.1	82.2	-	-	-	-	-
242	Sawmills and planing mills	242.8	240.4	235.0	238.9	238.1	220.9	218.9	213.6	217.6	216.8
2421	Sawmills and planing mills, general	-	201.8	196.6	201.7	199.7	-	184.0	179.0	183.8	182.1
243	Millwork, plywood & related products	172.4	172.8	168.9	169.2	169.8	146.4	146.7	143.1	142.4	143.7
2431	Millwork	-	74.3	73.1	74.0	74.8	-	60.9	59.6	60.1	61.0
2432	Veneer and plywood	-	76.6	75.2	75.4	76.0	-	69.5	68.4	68.3	69.2
244	Wooden containers	37.6	38.2	37.4	38.5	38.1	33.5	34.1	33.4	34.3	33.9
2441,2	Wooden boxes, shooks, and crates	-	30.1	29.4	30.2	30.8	-	26.9	26.3	26.9	27.4
249	Miscellaneous wood products	87.5	88.8	86.5	83.4	84.7	74.1	75.0	72.9	70.2	71.3

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)					Production workers ¹				
		All employees									
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Durable Goods--Continued</i>										
25	FURNITURE AND FIXTURES.....	493.7	497.6	489.6	467.5	474.7	409.3	413.3	406.6	384.8	391.9
251	Household furniture.....	347.3	350.6	345.4	329.4	334.6	296.9	299.9	294.7	279.6	284.8
2511	Wood household furniture.....	—	182.4	178.7	171.7	174.0	—	161.2	157.7	151.0	153.4
2512	Upholstered household furniture.....	—	89.9	89.5	84.3	85.4	—	75.7	75.3	70.3	71.2
2515	Mattresses and bedsprings.....	—	39.4	38.6	38.6	38.6	—	31.0	30.2	30.4	30.4
252	Office furniture.....	—	39.6	38.9	36.0	35.9	—	31.3	30.7	28.0	28.1
254	Partitions and fixtures.....	—	54.4	52.8	51.0	51.2	—	40.8	40.4	38.5	38.5
253,9	Other furniture and fixtures.....	52.4	53.0	52.5	51.1	53.0	40.4	41.3	40.8	38.7	40.5
32	STONE, CLAY, AND GLASS PRODUCTS...	675.2	676.9	657.2	658.6	655.8	543.7	545.5	527.3	531.4	529.1
321	Flat glass.....	—	24.7	23.9	26.2	26.0	—	18.5	17.7	19.9	19.8
322	Glass and glassware, pressed or blown...	133.8	133.6	131.3	130.9	131.1	117.7	117.8	115.6	117.8	117.7
3221	Glass containers.....	—	76.7	75.0	74.6	74.0	—	69.6	68.2	70.3	69.6
3229	Pressed and blown glass, n e c.....	—	56.9	56.3	56.3	57.1	—	48.2	47.4	47.5	48.1
324	Cement, hydraulic.....	37.1	36.4	33.8	36.4	35.9	28.8	28.1	25.6	28.2	27.8
325	Structural clay products.....	67.9	67.2	65.2	66.7	66.6	56.5	55.7	53.9	55.6	55.4
3251	Brick and structural clay tile.....	—	30.3	29.3	30.1	30.2	—	26.5	25.6	26.5	26.6
326	Pottery and related products.....	—	45.9	45.3	42.9	43.1	—	39.0	38.6	36.1	36.4
327	Concrete, gypsum, and plaster products...	196.1	196.1	188.9	189.8	187.7	154.2	154.6	148.1	148.3	146.6
328,9	Other stone and nonmetallic mineral products	142.4	142.7	139.0	138.4	138.1	106.9	107.5	103.9	103.6	103.5
3291	Abrasive products.....	—	28.4	27.2	27.5	27.4	—	19.6	18.5	19.0	18.8
33	PRIMARY METAL INDUSTRIES.....	1,363.5	1,372.8	1,346.1	1,342.0	1,348.5	1,092.5	1,101.5	1,075.8	1,066.9	1,076.4
331	Blast furnace and basic steel products...	(*)	657.4	641.8	676.4	674.6	(*)	527.5	512.5	542.4	542.5
3312	Blast furnaces and steel mills.....	—	577.0	560.7	594.2	591.9	—	465.9	450.2	479.3	479.2
332	Iron and steel foundries.....	233.9	236.9	223.3	223.7	227.3	196.9	199.4	196.3	186.3	190.1
3321	Gray iron foundries.....	—	148.6	146.0	138.8	141.5	—	127.4	125.1	117.7	120.4
3322	Malleable iron foundries.....	—	24.2	23.7	22.8	22.2	—	20.2	19.8	18.8	18.2
3323	Steel foundries.....	—	64.1	63.6	62.1	63.6	—	51.8	51.4	49.8	51.5
333,4	Nonferrous metals.....	89.6	88.4	87.0	82.0	81.3	69.4	68.7	67.1	62.5	62.2
3334	Primary aluminum.....	—	27.9	27.4	22.0	21.8	—	22.9	22.4	17.4	17.3
335	Nonferrous rolling and drawing.....	218.6	219.9	217.4	198.6	200.2	165.6	166.6	164.0	145.1	147.6
3351	Copper rolling and drawing.....	—	45.7	45.3	43.8	43.4	—	34.9	34.4	32.6	32.9
3352	Aluminum rolling and drawing.....	—	71.4	70.8	59.8	59.8	—	53.6	52.9	42.4	42.5
3357	Nonferrous wire drawing and insulating..	—	78.4	77.2	71.6	72.9	—	60.9	59.7	54.0	55.4
336	Nonferrous foundries.....	90.5	93.2	91.4	88.1	91.4	75.1	77.8	76.0	72.9	75.8
3361	Aluminum castings.....	—	48.0	46.6	45.3	47.2	—	40.8	39.4	38.1	39.8
3362,9	Other nonferrous castings.....	—	45.2	44.8	42.8	44.2	—	37.0	36.6	34.8	36.0
339	Miscellaneous primary metal products....	76.6	77.0	75.2	73.2	73.7	61.2	61.5	59.9	57.7	58.2
3391	Iron and steel forgings.....	—	52.2	50.4	48.6	49.2	—	42.0	40.5	38.9	39.4
34	FABRICATED METAL PRODUCTS.....	1,448.6	1,471.4	1,445.5	1,377.8	1,403.8	1,113.3	1,138.1	1,114.5	1,055.2	1,084.2
341	Metal cans.....	70.5	70.4	69.5	67.9	67.6	59.8	59.9	59.3	58.3	58.0
342	Cutlery, hand tools, and hardware.....	168.4	172.7	171.0	160.1	167.3	131.1	136.3	134.7	124.0	131.7
3421,3,5	Cutlery and hand tools, incl. saws.....	—	70.3	69.0	63.8	65.5	—	54.7	53.6	49.8	51.9
3429	Hardware, n e c.....	—	102.4	102.0	96.3	101.8	—	81.6	81.1	74.2	79.8
343	Plumbing and heating, except electric....	84.1	85.3	84.6	81.3	82.5	62.4	63.4	62.9	60.2	61.3
3431,2	Sanitary ware & plumbers' brass goods..	—	38.1	37.7	36.3	37.1	—	30.2	29.9	28.8	29.6
3433	Hearing equipment, except electric.....	—	47.2	46.9	45.0	45.4	—	33.2	33.0	31.4	31.7
344	Fabricated structural metal products.....	438.5	435.4	425.1	417.4	416.8	318.7	316.5	307.6	299.9	300.5
3441	Fabricated structural steel.....	—	115.8	114.5	112.1	109.7	—	85.6	84.7	82.5	80.7
3442	Metal doors, sash, and trim.....	—	73.0	70.1	68.5	69.0	—	53.7	51.0	49.6	50.3
3443	Fabricated plate work (boiler shops)....	—	113.4	112.5	109.5	110.6	—	79.8	79.0	75.6	77.0
3444	Sheet metal work.....	—	82.7	80.0	78.7	78.9	—	60.8	58.6	57.6	57.8
3446,9	Architectural and misc. metal work.....	—	50.5	48.0	48.6	48.6	—	36.6	34.3	34.6	34.7
345	Screw machine products, bolts, etc.....	115.6	116.3	114.5	108.5	111.3	90.9	92.1	90.2	85.3	88.0
3451	Screw machine products.....	—	52.9	52.4	50.2	51.3	—	44.9	44.2	42.4	43.6
3452	Bolts, nuts, rivets, and washers.....	—	63.4	62.1	58.3	60.0	—	47.2	46.0	42.9	44.4
346	Metal stampings.....	242.7	257.5	254.0	232.4	245.8	193.5	208.7	205.2	187.2	200.8
347	Metal services, n e c.....	96.6	98.6	96.5	91.5	92.0	80.3	82.3	80.3	75.6	76.7
348	Misc. fabricated wire products.....	71.0	72.5	71.0	65.5	67.6	56.9	58.5	56.9	52.5	54.5
349	Misc. fabricated metal products.....	161.2	162.7	159.3	153.2	152.9	119.7	120.4	117.4	112.2	112.7
3494,8	Valves, pipe, and pipe fittings.....	—	97.6	96.0	94.7	93.3	—	68.9	67.7	67.2	65.9

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	2,017.1	2,025.5	2,000.9	1,951.1	1,971.0	1,379.6	1,387.9	1,370.5	1,323.0	1,349.3
351	Engines and turbines	113.0	116.4	114.9	109.2	111.4	77.4	80.8	79.3	73.2	75.6
3511	Steam engines and turbines	-	39.4	39.1	37.3	38.3	-	22.9	22.8	20.8	21.9
3519	Internal combustion engines, n e c	-	77.0	75.8	71.9	73.1	-	57.9	56.5	52.4	53.7
352	Farm machinery	-	133.1	135.1	138.4	142.6	-	93.9	96.0	98.9	103.1
353	Construction and related machinery	299.1	297.7	292.1	281.6	281.6	201.3	199.9	195.5	186.4	186.4
3531,2	Construction and mining machinery	-	157.9	155.2	151.2	151.1	-	110.4	108.3	104.2	104.0
3533	Oil field machinery	-	47.0	45.7	42.0	42.0	-	32.7	31.6	28.9	29.0
3535,6	Conveyors, hoists, cranes, monorails	-	44.6	43.7	42.8	42.4	-	28.1	27.4	26.5	26.4
3537	Industrial trucks and tractors	-	33.5	33.0	30.5	30.9	-	21.9	21.5	19.2	19.5
354	Metal working machinery	340.0	343.5	342.8	340.1	344.5	252.7	255.9	255.6	251.6	257.0
3541	Machine tools, metal cutting types	-	78.7	77.7	79.4	79.9	-	53.1	52.6	53.4	54.2
3544	Special dies, tools, jigs, & fixtures	-	125.8	125.5	122.4	125.9	-	103.2	102.8	99.7	103.7
3545	Machine tool accessories	-	61.7	61.1	60.9	60.4	-	45.0	44.5	43.9	43.7
3542,8	Misc. metal working machinery	-	77.3	78.5	77.4	78.3	-	54.6	55.7	54.6	55.4
355	Special industry machinery	201.8	201.6	198.9	198.0	199.8	134.8	134.8	133.0	132.6	135.2
3551	Food products machinery	-	44.0	43.4	43.6	43.8	-	28.3	27.9	28.5	28.9
3552	Textile machinery	-	42.4	42.0	40.7	41.3	-	32.1	31.9	30.7	31.4
3555	Printing trades machinery	-	30.9	30.6	30.6	30.8	-	20.2	20.0	20.7	21.1
356	General industrial machinery	286.4	286.3	281.2	278.3	283.0	190.2	190.6	186.1	180.5	185.5
3561	Pumps and compressors	-	75.5	73.9	76.1	76.7	-	43.5	42.0	41.2	42.1
3562	Ball and roller bearings	-	61.7	60.6	58.7	61.4	-	47.9	46.8	44.9	47.6
3564	Blowers and fans	-	32.2	31.7	31.5	31.5	-	20.6	20.1	19.8	20.0
3566	Power transmission equipment	-	55.2	54.1	51.8	52.7	-	39.8	39.1	37.2	38.2
357	Office and computing machines	255.7	253.3	250.5	244.0	243.0	136.0	133.6	133.3	130.4	132.1
3573	Electronic computing equipment	-	163.7	161.5	156.7	154.5	-	68.9	69.1	67.6	68.7
358	Service industry machines	148.5	149.6	146.0	136.0	137.3	105.9	107.0	104.4	95.0	97.2
3585	Refrigeration machinery	-	98.5	95.5	87.7	88.3	-	71.3	69.0	61.3	62.5
359	Misc. machinery, except electrical	242.2	244.0	239.4	225.1	227.8	189.9	191.4	187.3	174.4	177.2
36	ELECTRICAL EQUIPMENT AND SUPPLIES	2,060.1	2,059.4	2,035.8	1,960.3	1,975.1	1,378.0	1,378.1	1,360.6	1,296.2	1,315.0
361	Electric test & distributing equipment	216.7	215.2	211.5	206.7	207.1	149.3	148.0	144.6	140.9	141.4
3611	Electric measuring instruments	-	71.3	70.2	65.8	66.3	-	45.6	45.0	42.4	43.0
3612	Transformers	-	59.8	58.7	58.1	58.3	-	43.7	42.5	41.3	41.4
3613	Switchgear and switchboard apparatus	-	84.1	82.6	82.8	82.5	-	58.7	57.1	57.2	57.0
362	Electrical industrial apparatus	223.2	222.2	219.6	210.6	210.8	157.0	156.8	155.0	145.1	146.5
3621	Motors and generators	-	121.8	120.4	114.2	115.0	-	87.8	87.0	79.5	80.7
3622	Industrial controls	-	61.3	60.1	58.0	57.6	-	40.4	39.5	37.4	37.6
363	Household appliances	187.9	190.1	187.7	174.6	177.1	150.2	151.6	149.6	138.1	140.1
3632	Household refrigerators and freezers	-	63.0	63.3	58.8	58.7	-	52.2	52.4	48.3	47.9
3633	Household laundry equipment	-	26.5	25.5	24.4	24.6	-	20.5	19.8	19.3	19.5
3634	Electric housewares and fans	-	44.6	43.8	40.4	41.8	-	35.6	34.9	31.3	32.8
364	Electric lighting and wiring equipment	210.6	212.8	210.6	198.8	202.6	162.1	164.1	162.1	151.4	155.1
3641	Electric lamps	-	40.4	39.9	38.2	38.8	-	35.7	35.2	33.7	34.3
3642	Lighting fixtures	-	67.1	66.5	63.8	64.9	-	52.0	51.8	49.4	50.4
3643,4	Wiring devices	-	105.3	104.2	96.8	98.9	-	76.4	75.1	68.3	70.4
365	Radio and TV receiving equipment	161.1	156.5	153.6	149.1	150.1	121.3	116.6	114.3	111.8	112.8
366	Communication equipment	526.0	523.0	520.4	518.2	520.2	257.8	254.8	253.2	251.8	255.4
3661	Telephone and telegraph apparatus	-	138.4	135.3	128.9	129.5	-	92.0	89.9	84.6	85.7
3662	Radio and TV communication equipment	-	384.6	385.1	389.3	390.7	-	162.8	163.3	167.2	169.7
367	Electronic components and accessories	412.1	414.1	407.6	383.5	388.5	288.2	290.0	286.1	267.6	273.3
3671-3	Electron tubes	-	71.4	70.8	74.9	75.7	-	49.2	48.5	52.1	52.7
3674,9	Other electronic components	-	342.7	336.8	308.6	312.8	-	240.8	237.8	215.5	220.6
369	Misc. electrical equipment & supplies	122.5	125.5	124.8	118.8	118.7	92.1	96.2	95.7	89.5	90.4
3694	Engine electrical equipment	-	68.1	67.6	65.8	66.2	-	53.1	52.7	50.4	51.3
37	TRANSPORTATION EQUIPMENT	2,023.2	2,053.5	2,018.9	2,026.7	2,047.7	1,415.4	1,445.0	1,411.9	1,427.5	1,451.6
371	Motor vehicles and equipment	(*)	907.4	863.3	864.3	880.8	(*)	706.5	664.0	671.3	689.2
3711	Motor vehicles	-	381.8	350.1	368.8	374.6	-	281.6	251.0	275.2	281.6
3712	Passenger car bodies	-	68.0	63.7	63.7	65.5	-	56.3	52.1	51.9	53.7
3713	Truck and bus bodies	-	40.4	38.9	38.1	38.4	-	33.0	31.5	30.4	30.8
3714	Motor vehicle parts and accessories	-	384.9	379.1	367.0	374.0	-	310.4	304.9	293.7	301.3
3715	Truck trailers	-	32.3	31.5	26.7	28.3	-	25.2	24.5	20.1	21.8
372	Aircraft and parts	822.3	805.3	820.0	853.2	852.0	475.8	458.8	473.7	503.7	505.3
3721	Aircraft	-	477.8	488.3	497.2	497.2	-	264.4	274.4	286.6	287.4
3722	Aircraft engines and engine parts	-	197.0	201.0	212.2	210.5	-	108.0	112.3	119.5	119.6
3723,9	Other aircraft parts and equipment	-	130.5	130.7	143.8	144.3	-	86.4	87.0	97.6	98.3
373	Ship and boat building and repairing	191.5	192.2	189.4	181.2	184.5	157.0	157.3	154.5	149.7	151.9
3731	Ship building and repairing	-	145.8	142.7	141.3	143.5	-	118.7	116.0	116.7	117.9

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

		(In thousands)									
SIC Code	Industry	All employees					Production workers ¹				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Durable Goods--Continued</i>										
	TRANSPORTATION EQUIPMENT--Continued										
3732	Boat building and repairing.....		46.4	46.7	39.9	41.0		38.6	38.5	33.0	34.0
374	Railroad equipment.....		52.4	52.0	43.1	44.4		40.9	40.4	31.1	32.5
375,9	Other transportation equipment.....	-	96.2	94.2	84.9	86.0	-	81.5	79.3	71.7	72.7
38	INSTRUMENTS AND RELATED PRODUCTS	474.6	474.8	470.3	455.1	459.4	294.3	293.8	290.9	276.4	282.5
381	Engineering & scientific instruments.....	-	79.4	79.6	81.1	81.8	-	38.4	38.5	37.9	39.3
382	Mechanical measuring & control devices....	113.3	113.8	113.0	109.1	109.8	72.7	72.7	72.5	68.3	69.8
3821	Mechanical measuring devices.....	-	69.1	68.3	67.6	68.3	-	41.3	40.8	40.1	41.0
3822	Automatic temperature controls.....	-	44.7	44.7	41.5	41.5	-	31.4	31.7	28.2	28.8
383,5	Optical and ophthalmic goods.....	51.0	51.6	50.7	51.0	52.5	36.3	36.7	36.1	36.3	37.5
385	Ophthalmic goods.....	-	32.8	32.0	32.0	33.0	-	25.1	24.5	24.3	25.2
384	Medical instruments and supplies.....	77.3	78.0	77.0	71.6	72.7	53.2	53.7	52.8	48.4	49.2
386	Photographic equipment and supplies.....	(*)	114.5	113.0	109.3	107.9	(*)	61.8	61.0	59.0	58.7
387	Watches, clocks, and watchcases.....	-	37.5	37.0	33.0	34.7	-	30.5	30.0	26.5	28.0
	MISCELLANEOUS MANUFACTURING										
39	INDUSTRIES	438.9	446.0	439.2	428.0	434.6	342.7	349.8	343.0	334.7	341.3
391	Jewelry, silverware, and plated ware.....	50.8	52.3	51.7	48.4	52.1	38.4	39.8	39.2	36.1	39.7
394	Toys and sporting goods.....	-	127.1	123.4	122.1	121.1	-	104.9	101.3	100.5	99.7
3941-3	Games, toys, dolls, & play vehicles....	-	73.3	69.5	73.1	71.4	-	60.7	57.0	60.9	59.5
3949	Sporting and athletic goods, n e c.....	-	53.8	53.9	49.0	49.7	-	44.2	44.3	39.6	40.2
395	Pens, pencils, office, and art supplies....	-	34.4	33.8	34.3	34.5	-	24.5	24.0	24.4	24.6
396	Costume jewelry and notions.....	-	61.3	61.4	58.3	60.1	-	50.4	50.1	47.8	49.4
393,8,9	Other manufacturing industries.....	168.1	170.9	168.9	164.9	166.8	127.0	130.2	128.4	125.9	127.9
393	Musical instruments and parts.....	-	25.0	24.8	23.2	23.8	-	19.8	19.6	18.0	18.5
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	1,281.6	1,783.7	1,725.3	1,817.6	1,787.3	1,221.5	1,187.9	1,139.9	1,218.7	1,192.3
201	Meat products.....	349.6	341.2	329.4	338.6	334.3	281.7	274.5	263.9	273.3	269.2
2011	Meat packing plants.....	-	185.8	182.6	187.0	186.9	-	144.3	141.9	145.8	145.8
2013	Sausages and other prepared meats.....	-	57.5	57.1	58.3	58.0	-	41.1	40.9	42.2	42.1
2015	Poultry dressing plants.....	-	97.9	89.7	93.3	89.4	-	89.1	81.1	85.3	81.3
202	Dairy products.....	262.6	261.8	255.3	269.4	269.3	126.4	125.7	121.2	130.1	129.8
2024	Ice cream and frozen desserts.....	-	30.6	28.9	30.6	30.2	-	16.4	15.1	16.6	16.3
2026	Fluid milk.....	-	181.7	178.6	188.4	188.3	-	70.4	68.7	73.5	73.3
203	Canned, cured, and frozen foods.....	-	264.1	244.7	244.0	269.8	-	218.6	200.3	248.3	225.2
2031,6	Canned, cured, and frozen sea foods....	-	45.4	42.1	47.4	44.7	-	40.2	36.9	42.3	39.7
2032,3	Canned food, except sea foods.....	-	125.8	117.5	160.5	134.6	-	99.5	92.2	133.1	108.5
2037	Frozen fruits and vegetables.....	-	58.5	55.0	51.8	58.0	-	51.9	48.1	45.6	51.5
204	Grain mill products.....	139.5	138.5	133.6	135.8	136.4	99.5	99.1	94.5	95.6	96.3
2041	Flour and other grain mill products.....	-	31.3	30.5	30.9	31.1	-	23.3	22.3	21.9	22.0
2042	Prepared feeds for animals and fowls....	-	66.2	63.9	64.7	65.4	-	44.4	42.4	42.7	43.4
205	Bakery products.....	279.2	278.9	274.2	283.8	282.7	164.3	163.6	159.4	166.8	166.9
2051	Bread, cake, and related products.....	-	235.6	232.0	238.2	237.6	-	128.4	125.2	129.3	129.5
2052	Cookies and crackers.....	-	43.3	42.2	45.6	45.1	-	35.2	34.2	37.5	37.4
206	Sugar.....	-	33.4	34.3	31.4	30.8	-	24.8	25.8	24.2	23.8
207	Confectionery and related products.....	81.9	82.4	80.7	76.8	80.1	66.6	67.1	65.6	61.6	64.8
2071	Confectionery products.....	-	66.4	65.2	60.9	64.2	-	55.2	54.2	49.7	52.9
208	Beverages.....	236.6	238.7	230.8	244.3	240.4	117.9	121.1	117.5	126.9	124.4
2082	Malt liquors.....	-	55.8	58.6	63.6	62.5	-	36.4	39.7	43.0	42.0
2086	Bottled and canned soft drinks.....	-	135.9	128.5	136.7	133.7	-	52.6	48.7	54.4	52.9
209	Misc. foods and kindred products.....	144.7	144.7	142.3	143.5	143.5	92.0	93.4	91.7	91.9	91.9
21	TOBACCO MANUFACTURES	73.0	72.1	71.3	75.6	75.2	60.3	59.6	58.8	62.8	62.7
211	Cigarettes.....	-	41.1	40.2	42.3	42.0	-	33.4	32.6	34.7	34.4
212	Cigars.....	-	19.4	19.5	19.1	20.3	-	17.8	17.9	17.7	18.9
22	TEXTILE MILL PRODUCTS	990.7	1,001.1	984.7	985.6	1,005.2	872.5	884.2	868.5	872.0	891.7
221	Weaving mills, cotton.....	226.9	227.1	225.0	231.9	234.7	206.0	206.3	204.4	211.5	214.3
222	Weaving mills, synthetics.....	101.0	101.5	99.9	100.3	101.9	90.3	91.1	89.4	90.1	91.7
223	Weaving and finishing mills, wool.....	43.8	45.6	45.1	45.2	45.8	37.7	39.3	38.8	39.0	39.8
224	Narrow fabric mills.....	32.2	32.1	31.6	30.2	31.6	28.6	28.6	28.1	26.8	28.2
225	Knitting mills.....	248.8	253.2	247.6	249.2	253.9	219.1	224.1	218.5	221.6	226.6
2251	Women's hosiery, except socks.....	-	66.7	65.4	63.5	64.4	-	60.7	59.4	57.9	58.8
2252	Hosiery, n e c.....	-	38.6	37.8	39.8	40.0	-	34.8	34.1	36.2	36.3
2253	Knit outerwear mills.....	-	74.6	72.9	76.2	79.8	-	64.3	62.6	66.7	70.3
2254	Knit underwear mills.....	-	34.8	34.3	33.6	33.8	-	30.8	30.3	29.8	30.1

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	Nondurable Goods--Continued										
	TEXTILE MILL PRODUCTS--Continued										
226	Textile finishing, except wool	84.5	84.7	83.1	81.5	82.9	71.7	71.7	70.4	68.8	70.1
227	Floor covering mills	—	53.5	53.0	48.8	50.0	—	42.9	42.5	38.6	39.9
228	Yarn and thread mills	123.0	123.2	121.2	119.5	122.5	113.5	113.9	112.0	110.5	113.4
229	Miscellaneous textile goods	79.2	80.2	78.2	79.0	81.9	65.2	66.3	64.4	65.1	67.7
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,392.3	1,440.0	1,419.1	1,364.9	1,428.9	1,217.5	1,266.0	1,247.0	1,199.9	1,261.6
231	Men's and boys' suits and coats	132.5	139.9	138.6	126.1	133.3	116.0	122.9	121.3	110.8	117.7
232	Men's and boys' furnishings	365.1	377.5	371.4	360.7	371.9	322.8	335.4	330.1	320.6	332.0
2321	Men's and boys' shirts and nightwear ..	—	121.5	119.3	121.4	123.7	—	109.1	106.8	109.0	111.2
2327	Men's and boys' separate trousers	—	81.9	81.3	78.5	80.4	—	74.7	74.1	71.9	74.3
2328	Men's and boys' work clothing	—	87.2	85.9	80.1	83.7	—	75.6	74.4	69.1	72.6
233	Women's and misses' outerwear	428.4	436.3	430.0	407.3	433.0	378.3	387.3	431.1	359.9	383.7
2331	Women's and misses' blouses and waists ..	—	51.9	51.1	51.0	53.2	—	46.3	45.4	45.5	47.8
2335	Women's and misses' dresses	—	203.5	206.6	185.5	202.3	—	182.9	185.7	165.3	180.9
2337	Women's and misses' suits and coats ..	—	91.7	83.2	93.0	93.7	—	81.2	73.0	83.2	83.4
2339	Women's and misses' outerwear, n e c ..	—	89.2	89.1	77.8	83.8	—	76.9	77.0	65.9	71.6
234	Women's and children's undergarments ...	121.8	126.5	125.9	121.7	125.4	105.4	110.2	109.6	106.5	110.0
2341	Women's and children's underwear	—	86.3	85.8	82.7	84.3	—	76.2	75.8	73.6	75.3
2342	Corsets and allied garments	—	40.2	40.1	39.0	41.1	—	34.0	33.8	32.9	34.7
235	Hats, caps, and millinery	—	20.8	20.2	24.1	23.4	—	18.7	18.2	21.6	20.9
236	Children's outerwear	78.3	83.0	81.2	80.3	82.4	68.7	73.8	72.4	71.6	73.7
2361	Children's dresses and blouses	—	36.1	35.5	35.4	36.1	—	32.6	32.1	32.0	32.7
237,8	Fur goods and miscellaneous apparel	—	81.3	79.1	79.2	83.3	—	70.2	68.4	68.9	72.9
239	Misc. fabricated textile products	169.5	174.7	172.7	165.5	176.2	142.2	147.5	145.9	140.0	150.7
2391,2	Housefurnishings	—	62.7	62.5	60.2	62.6	—	53.6	53.4	51.9	54.3
26	PAPER AND ALLIED PRODUCTS.....	723.6	725.2	707.6	694.4	698.8	561.9	564.1	548.6	539.2	543.4
261,2,6	Paper and pulp mills	230.3	230.0	222.3	220.7	221.2	180.4	180.2	173.3	172.7	173.6
263	Paperboard mills	75.8	73.8	72.3	72.4	73.4	60.5	58.4	57.1	57.9	58.7
264	Misc. converted paper products	186.7	188.0	184.3	180.4	181.0	135.6	137.0	134.3	132.1	132.7
2643	Bags, except textile bags	—	42.1	41.8	41.5	41.5	—	34.2	33.8	33.5	33.2
265	Paperboard containers and boxes	230.8	233.4	228.7	220.9	223.2	185.4	188.5	183.9	176.5	178.4
2651,2	Folding and setup paperboard boxes	—	72.3	70.7	68.1	69.5	—	60.6	58.9	56.5	57.5
2653	Corrugated and solid fiber boxes	—	107.6	105.2	101.3	102.2	—	83.9	81.5	77.8	78.7
2654	Sanitary food containers	—	33.0	32.7	32.0	32.4	—	26.8	26.7	26.0	26.3
27	PRINTING AND PUBLISHING.....	1,088.7	1,086.9	1,071.1	1,063.7	1,064.6	675.6	676.7	666.7	663.6	665.6
271	Newspapers	366.6	366.0	363.4	357.8	357.7	178.7	178.7	178.6	175.9	176.3
272	Periodicals	—	77.5	77.7	77.1	76.5	—	26.9	27.3	26.7	26.6
273	Books	—	96.0	95.5	96.1	96.3	—	53.8	53.5	54.9	55.7
275	Commercial printing	344.4	345.6	338.0	337.7	339.1	267.3	268.8	262.7	263.7	264.4
2751	Commercial printing, ex. lithographic ...	—	212.5	211.6	208.1	209.4	—	166.8	166.5	164.5	165.0
2752	Commercial printing, lithographic	—	121.4	114.4	118.1	118.2	—	93.0	86.9	90.3	90.5
278	Blankbooks and bookbinding	60.3	59.4	57.0	56.8	56.9	50.1	49.2	46.9	46.5	46.6
274,6,7,9	Other publishing & printing ind.	143.4	142.4	139.5	138.2	138.1	99.4	99.3	97.7	95.9	96.0
28	CHEMICALS AND ALLIED PRODUCTS...	1,063.5	1,060.5	1,045.1	1,035.5	1,029.8	621.6	625.7	618.7	609.6	610.5
281	Industrial chemicals	320.7	318.4	311.5	317.4	317.1	177.0	176.6	172.2	172.7	174.9
2812	Alkalies and chlorine	—	25.9	25.7	26.2	26.2	—	18.1	17.8	18.0	17.9
2818	Industrial organic chemicals, n e c	—	125.8	123.5	128.8	129.0	—	56.8	55.7	57.3	58.8
2819	Industrial inorganic chemicals, n e c ...	—	98.3	95.3	96.0	95.5	—	57.2	55.3	55.7	55.7
282	Plastics materials and synthetics	228.2	225.4	222.1	217.1	212.9	149.0	148.0	146.9	143.8	139.8
2821	Plastics materials and resins	—	98.6	96.4	93.0	92.5	—	59.9	59.4	57.3	57.5
2823,4	Synthetic fibers	—	113.5	112.7	109.9	106.2	—	79.3	79.0	77.0	72.8
283	Drugs	144.7	142.7	139.7	139.5	137.1	70.2	70.5	69.5	70.7	70.2
2834	Pharmaceutical preparations	—	112.3	109.8	108.2	105.9	—	55.5	54.8	53.7	53.0
284	Soap, cleaners, and toilet goods	124.6	123.9	119.9	117.6	117.0	73.5	73.0	70.7	71.1	71.3
2841	Soap and other detergents	—	39.9	38.9	40.7	40.0	—	26.0	25.4	27.2	26.8
2844	Toilet preparations	—	52.0	50.7	47.4	47.5	—	31.8	31.0	28.7	29.3
285	Paints and allied products	73.8	72.8	71.9	71.7	70.9	41.0	40.5	39.8	39.9	39.6
287	Agricultural chemicals	53.4	56.2	60.7	52.7	56.6	32.0	35.4	39.7	31.5	35.5
2871,2	Fertilizers, complete & mixing only	—	38.9	43.6	35.2	39.3	—	26.5	31.0	23.1	27.1
286,9	Other chemical products	118.1	121.1	119.3	119.5	118.2	78.9	81.7	79.9	79.9	79.2
2892	Explosives	—	47.5	47.0	47.3	46.5	—	36.7	36.3	36.5	35.8
29	PETROLEUM AND COAL PRODUCTS	196.1	193.2	188.9	192.7	190.8	122.5	120.8	117.1	122.4	121.3
291	Petroleum refining	156.3	154.3	151.6	153.9	152.2	93.2	92.4	90.2	94.1	93.2
295,9	Other petroleum and coal products	39.8	38.9	37.3	38.8	38.6	29.3	28.4	26.9	28.3	28.1

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Nondurable Goods--Continued</i>										
30	RUBBER AND PLASTICS PRODUCTS, N.E.C.	579.6	586.5	577.0	549.5	559.0	447.7	455.7	447.3	423.6	433.1
301	Tires and inner tubes.....	117.5	118.2	116.3	113.5	114.4	81.9	83.0	81.3	79.1	80.3
302,3,6	Other rubber products.....	180.5	184.2	183.3	178.2	183.2	140.8	144.8	144.0	138.8	144.0
302	Rubber footwear.....	-	26.5	26.2	26.5	27.6	-	22.5	22.2	21.9	23.1
307	Miscellaneous plastics products.....	281.6	284.1	277.4	257.8	261.4	225.0	227.9	222.0	205.7	208.8
31	LEATHER AND LEATHER PRODUCTS...	346.7	350.0	345.5	346.9	361.2	295.3	300.4	296.4	297.7	312.5
311	Leather tanning and finishing.....	29.0	30.0	29.6	30.8	31.3	25.2	26.0	25.5	26.8	27.4
314	Footwear, except rubber.....	230.6	229.6	227.8	229.0	237.9	199.3	200.1	198.7	199.7	208.4
312,3,5-7,9	Other leather products.....	87.1	90.4	88.1	87.1	92.0	70.8	74.3	72.2	71.2	76.7
316	Luggage.....	-	22.1	21.6	19.6	21.0	-	17.8	17.4	15.5	16.9
317	Handbags and personal leather goods.....	-	36.6	35.1	37.1	39.1	-	30.9	29.4	31.1	33.6
	TRANSPORTATION AND PUBLIC UTILITIES.....	4,535	4,501	4,431	4,358	4,343					
40	RAILROAD TRANSPORTATION.....	-	657.6	647.3	675.8	674.9	-	-	-	-	-
4011	Class I railroads ²	-	582.2	573.2	596.6	595.8	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT.....	-	278.1	285.9	264.0	279.2	-	-	-	-	-
411	Local and suburban transportation.....	-	80.6	81.0	80.8	81.1	-	76.5	76.8	76.7	77.0
412	Taxicabs.....	-	106.8	107.9	109.4	109.6	-	-	-	-	-
413	Intercity highway transportation.....	-	43.8	42.6	45.1	43.5	-	40.2	38.9	41.5	39.9
42	TRUCKING AND WAREHOUSING.....	-	1,106.0	1,071.6	1,058.3	1,056.6	-	1,004.0	970.2	960.4	958.7
421,3	Trucking and trucking terminals.....	-	1,022.9	990.9	974.9	973.9	-	931.8	900.4	887.8	886.6
422	Public warehousing.....	-	83.1	80.7	83.4	82.7	-	72.2	69.8	72.6	72.1
45	TRANSPORTATION BY AIR.....	-	352.4	350.3	331.8	327.7	-	-	-	-	-
451,2	Air transportation.....	-	318.2	316.4	300.0	295.9	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	19.3	18.5	19.7	19.5	-	15.8	15.0	16.4	16.2
44,47	OTHER TRANSPORTATION AND SERVICES	-	353.7	357.7	340.8	345.8	-	-	-	-	-
44	WATER TRANSPORTATION.....	-	251.0	255.3	241.6	246.9	-	-	-	-	-
47	TRANSPORTATION SERVICES.....	-	102.7	102.4	99.2	98.9	-	-	-	-	-
48	COMMUNICATION.....	-	1,065.6	1,049.7	994.9	973.8	-	837.0	821.8	779.4	759.4
481	Telephone communication.....	-	887.3	871.7	824.3	804.6	-	797.1	692.2	651.9	633.0
482	Telegraph communication ³	-	32.4	32.8	33.5	33.0	-	22.1	22.4	23.3	22.7
483	Radio and television broadcasting.....	-	130.1	129.6	123.7	123.0	-	102.4	102.0	99.6	99.1
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	667.9	649.7	672.2	665.2	-	573.8	556.9	583.0	572.7
491	Electric companies and systems.....	-	277.9	270.8	274.0	273.6	-	237.5	230.9	235.1	233.4
492	Gas companies and systems.....	-	161.7	156.4	163.6	162.1	-	138.2	133.1	140.5	139.3
493	Combination companies and systems.....	-	180.3	175.8	187.0	182.3	-	155.7	151.6	165.3	158.4
494-7	Water, steam, & sanitary systems.....	-	48.0	46.7	47.6	47.2	-	42.4	41.3	42.1	41.6
-	WHOLESALE AND RETAIL TRADE.....	14,682	14,715	14,517	14,084	14,106	13,066	13,108	12,913	12,522	12,550
50	WHOLESALE TRADE.....	3,815	3,791	3,709	3,667	3,636	3,212	3,195	3,115	3,093	3,061
501	Motor vehicles & automotive equipment.....	-	306.0	301.4	292.6	289.4	-	253.7	249.4	242.7	240.2
502	Drugs, chemicals, and allied products.....	-	232.8	230.7	222.1	220.4	-	192.0	190.9	184.0	182.3
503	Dry goods and apparel.....	-	149.9	147.1	148.7	148.0	-	119.4	116.9	121.8	120.9
504	Groceries and related products.....	-	572.6	536.4	554.6	553.9	-	503.0	467.7	486.9	485.0
506	Electrical goods.....	-	306.8	301.6	297.0	289.6	-	255.4	250.2	244.6	237.7
507	Hardware; plumbing & heating equipment.....	-	171.8	168.9	165.8	164.3	-	145.4	142.6	140.5	139.2
508	Machinery, equipment, and supplies.....	-	738.3	731.1	705.2	699.3	-	627.2	620.8	596.9	590.3
509	Miscellaneous wholesalers.....	-	1,235.7	1,215.7	1,192.4	1,185.7	-	1,035.2	1,014.8	1,002.6	995.4
52-59	RETAIL TRADE.....	10,867	10,924	10,808	10,417	10,470	9,854	9,913	9,798	9,429	9,489
53	RETAIL GENERAL MERCHANDISE.....	-	2,237.2	2,214.9	2,072.9	2,100.8	-	2,053.3	2,030.1	1,903.0	1,930.3
531	Department stores.....	-	1,468.9	1,451.8	1,348.9	1,368.3	-	1,350.7	1,332.9	1,237.8	1,257.3
532	Mail order houses.....	-	122.2	118.8	118.3	118.5	-	113.2	109.7	109.9	110.2
533	Variety stores.....	-	321.4	322.2	298.6	302.4	-	297.0	297.5	279.1	282.8
54	FOOD STORES.....	-	1,684.2	1,685.4	1,599.5	1,607.6	-	1,569.0	1,568.1	1,477.1	1,485.7
541-3	Grocery, meat, and vegetable stores.....	-	1,512.6	1,516.0	1,436.4	1,442.1	-	1,410.5	1,411.7	1,327.2	1,333.6

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	WHOLESALE AND RETAIL TRADE (Continued)										
56	APPAREL AND ACCESSORY STORES		700.4	692.6	662.2	690.5		629.2	621.5	592.5	620.2
561	Men's & boys' clothing & furnishings		123.6	119.6	115.1	119.6		110.9	106.8	102.3	106.7
562	Women's ready-to-wear stores		260.0	259.7	247.9	255.4		234.1	233.9	223.2	230.4
565	Family clothing stores		106.9	105.1	102.1	107.0		99.5	98.0	95.0	99.6
566	Shoe stores		136.9	136.8	130.9	137.2		119.9	119.7	113.9	120.2
57	FURNITURE AND HOME FURNISHINGS STORES		442.2	437.5	431.1	431.6	-	387.0	383.0	377.2	377.1
571	Furniture and home furnishings		284.2	280.7	275.9	276.2	-	247.4	244.4	241.4	241.3
58	EATING AND DRINKING PLACES		2,495.3	2,451.4	2,386.0	2,372.2	-	2,335.0	2,293.2	2,228.6	2,219.4
52,55,59	OTHER RETAIL TRADE		3,364.7	3,325.8	3,265.0	3,267.7	-	2,939.1	2,901.9	2,850.4	2,855.9
52	Building materials and farm equipment		564.9	547.1	556.0	550.9	-	487.2	469.2	479.2	474.4
55	Automotive dealers & service stations	-	1,616.2	1,589.6	1,570.5	1,562.1	-	-	-	-	-
551,2	Motor vehicle dealers	-	774.0	769.1	752.4	748.9	-	656.9	651.7	638.0	634.8
553,9	Other automotive & accessory dealers	-	227.3	222.7	217.7	216.4	-	195.9	192.1	187.7	186.7
554	Gasoline service stations	-	614.9	597.8	600.4	596.8	-	-	-	-	-
59	Miscellaneous retail stores	-	1,183.6	1,189.1	1,138.5	1,154.7	-	-	-	-	-
591	Drug stores and proprietary stores	-	431.9	431.3	422.2	428.7	-	386.9	386.3	380.8	386.1
594	Book and stationery stores	-	59.1	60.1	57.4	58.1	-	50.7	51.7	49.5	50.0
596	Farm and garden supply stores	-	113.1	112.6	103.4	106.3	-	-	-	-	-
598	Fuel and ice dealers	-	103.0	103.0	100.6	101.4	-	89.3	89.3	86.4	87.5
	FINANCE, INSURANCE, AND REAL ESTATE⁴	3,633	3,585	3,534	3,433	3,390	2,899	2,854	2,806	2,737	2,695
60	Banking	-	982.9	964.4	931.0	917.4	-	815.0	797.6	774.7	762.5
61	Credit agencies other than banks	-	361.1	358.1	353.4	349.7	-	282.3	279.9	277.6	273.7
612	Savings and loan associations	-	104.3	103.4	101.7	100.6	-	83.3	82.4	81.7	80.3
614	Personal credit institutions	-	192.9	191.5	190.7	188.3	-	-	-	-	-
62	Security, commodity brokers & services	-	219.0	217.0	195.0	186.3	-	192.1	191.9	172.8	164.7
63	Insurance carriers	-	1,019.0	1,011.5	989.0	979.6	-	713.7	705.9	693.3	682.9
631	Life insurance	-	527.4	524.4	510.3	506.7	-	311.0	307.1	296.8	293.1
632	Accident and health insurance	-	86.8	85.6	82.9	81.3	-	74.8	73.7	72.9	70.3
633	Fire, marine, and casualty insurance	-	358.7	356.2	351.1	347.7	-	289.3	287.0	287.4	283.0
64	Insurance agents, brokers, and service	-	270.0	265.8	259.2	254.3	-	-	-	-	-
65	Real estate	-	650.7	636.8	627.4	625.6	-	-	-	-	-
655	Subdividers and developers	-	91.7	88.2	85.0	84.2	-	-	-	-	-
656	Operative builders	-	46.7	45.1	45.1	44.8	-	-	-	-	-
66,67	Other finance, insurance, & real estate	-	82.2	80.0	77.7	77.5	-	-	-	-	-
	SERVICES	11,250	11,239	11,131	10,772	10,723					
70	Hotels and other lodging places	844.0	758.9	727.4	846.0	755.8	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	690.7	664.7	708.0	684.9	-	640.7	618.4	658.9	636.2
72	Personal services	1,039.6	1,043.1	1,031.1	1,036.2	1,049.6	-	-	-	-	-
721	Laundries and dry cleaning plants	-	545.6	537.5	555.5	559.2	-	497.5	489.3	506.1	509.7
722	Photographic studios	-	39.4	40.3	38.1	37.9	-	34.4	35.4	33.4	32.9
73	Miscellaneous business services	-	1,499.7	1,478.5	1,402.4	1,399.4	-	-	-	-	-
731	Advertising	-	119.4	118.5	117.9	116.9	-	-	-	-	-
732	Credit reporting and collection	-	74.6	74.0	72.6	72.1	-	-	-	-	-
734	Services to buildings	-	261.2	259.7	240.9	239.0	-	-	-	-	-
76	Miscellaneous repair services	-	183.1	180.4	178.3	176.1	-	-	-	-	-
78	Motion pictures	-	218.0	211.9	210.7	203.6	-	-	-	-	-
781	Motion picture filming & distributing	-	50.4	48.6	54.6	51.4	-	33.1	30.9	33.9	32.0
782,3	Motion picture theaters and services	-	167.6	163.3	156.1	152.2	-	-	-	-	-
80	Medical and other health services	2,898.1	2,867.6	2,816.9	2,670.5	2,645.4	-	-	-	-	-
806	Hospitals	-	1,769.1	1,745.4	1,674.2	1,655.8	-	-	-	-	-
81	Legal services	-	222.7	214.2	215.0	209.5	-	-	-	-	-
82	Educational services	975.1	1,060.3	1,158.3	925.8	1,019.3	-	-	-	-	-
821	Elementary and secondary schools	-	374.4	388.9	306.2	356.1	-	-	-	-	-
822	Colleges and universities	-	594.5	673.0	537.5	578.0	-	-	-	-	-
89	Miscellaneous services	-	615.4	599.0	591.5	576.6	-	-	-	-	-
891	Engineering & architectural services	-	305.2	297.7	296.2	291.5	-	-	-	-	-
892	Nonprofit research agencies	-	94.9	94.4	95.9	93.9	-	-	-	-	-

ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	GOVERNMENT	11,885	12,344	12,306	11,497	11,957					
91	FEDERAL GOVERNMENT⁵	2,855	2,832	2,740	2,843	2,816					
	Executive	-	2,795.9	2,704.5	2,807.9	2,780.6	-	-	-	-	-
	Department of Defense	-	1,162.4	1,125.2	1,159.9	1,146.5	-	-	-	-	-
	Post Office Department	-	736.6	723.1	734.1	728.7	-	-	-	-	-
	Other agencies	-	896.9	856.2	913.9	905.4	-	-	-	-	-
	Legislative	-	29.5	28.5	28.9	28.6	-	-	-	-	-
	Judicial	-	6.7	6.6	6.6	6.5	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT . . .	9,030	9,512	9,566	8,654	9,141					
92	State government	-	2,544.7	2,556.0	2,368.4	2,446.4	-	-	-	-	-
	State education	-	1,034.5	1,078.6	824.3	929.5	-	-	-	-	-
	Other State government	-	1,510.2	1,477.4	1,544.1	1,516.9	-	-	-	-	-
93	Local government	-	6,967.0	7,009.6	6,285.9	6,694.2	-	-	-	-	-
	Local education	-	3,854.9	4,013.3	3,207.2	3,705.7	-	-	-	-	-
	Other local government	-	3,112.1	2,996.3	3,078.7	2,988.5	-	-	-	-	-

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

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. Beginning January 1969, federal employment includes approximately 39,000 civilian technicians of the National Guard who were transferred from State to federal status in accordance with Public Law 90-486.

*Not available.

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry

SIC Code	Industry	April 1969		January 1969		April 1968	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	TOTAL	25,362	37	24,885	36	24,196	36
-	PRIVATE SECTOR	20,085	35	19,703	35	19,068	34
-	MINING	37	6	36	6	35	6
10	METAL MINING	2.7	3	2.7	3	2.7	3
11,12	COAL MINING	2.1	2	2.1	2	2.1	2
13	OIL AND GAS EXTRACTION	26.6	10	26.4	9	25.3	9
131,2	Crude petroleum and natural gas fields	18.7	13	18.7	13	18.4	13
138	Oil and gas field services	7.9	6	7.7	6	6.9	6
14	NONMETALLIC MINERALS, EXCEPT FUELS	5.3	5	5.2	5	5.2	4
142	Crushed and broken stone	1.9	5	1.8	5	1.8	5
144	Sand and gravel	1.6	4	1.6	5	1.6	4
	CONTRACT CONSTRUCTION	158	5	156	5	153	5
15	GENERAL BUILDING CONTRACTORS	41.2	4	41.7	4	40.7	4
16	HEAVY CONSTRUCTION CONTRACTORS	28.0	4	26.8	5	25.5	4
161	Highway and street construction	10.0	4	9.5	5	9.5	3
162	Heavy construction, n e c	18.0	5	17.3	5	16.0	5
17	SPECIAL TRADE CONTRACTORS	88.3	5	87.5	6	86.3	5
171	Plumbing, heating, air conditioning	26.9	7	26.9	7	26.5	7
172	Painting, paper hanging, decorating	6.7	6	6.4	6	7.6	6
173	Electrical work	14.0	5	14.0	5	13.6	5
174	Masonry, stonework, and plastering	8.4	4	8.3	4	7.9	3
176	Roofing and sheet metal work	7.1	6	6.8	6	6.8	6
	MANUFACTURING	5,590	28	5,523	28	5,373	27
19,24,25,32-39	DURABLE GOODS	2,435	21	2,396	20	2,299	20
20-23,26-31	NONDURABLE GOODS	3,155	39	3,127	39	3,074	38
	<i>Durable Goods</i>						
19	ORDNANCE AND ACCESSORIES	89.6	26	92.0	26	85.6	25
192	Ammunition, except for small arms	69.7	27	72.2	27	67.0	26
1925	Complete guided missiles	27.7	19	28.3	19	29.4	19
1929	Ammunition, exc. for small arms, n e c	42.0	39	43.9	39	37.6	39
24	LUMBER AND WOOD PRODUCTS	62.4	10	60.3	10	57.8	10
241	Logging camps, & logging contractors	3.3	5	3.5	5	3.0	4
242	Sawmills and planing mills	13.0	6	12.4	5	12.3	5
2421	Sawmills and planing mills, general	9.1	5	8.8	5	9.0	5
243	Millwork, plywood & related products	20.0	12	18.9	11	17.8	11
2431	Millwork	10.4	14	9.9	14	9.3	13
2432	Veneer and plywood	8.1	11	7.7	10	7.3	10
244	Wooden containers	6.7	18	6.8	18	6.4	17
2441,2	Wooden boxes, shooks, and crates	5.4	19	5.4	19	5.2	18
249	Miscellaneous wood products	19.4	23	18.7	22	18.3	22
25	FURNITURE AND FIXTURES	117.2	24	114.9	24	103.8	22
251	Household furniture	89.8	26	88.5	25	79.1	24
2511	Wood household furniture	42.0	23	41.7	23	35.3	21
2512	Upholstered household furniture	26.4	29	26.2	29	24.1	29
2515	Mattresses and bedsprings	11.2	29	10.6	28	10.3	28
252	Office furniture	6.0	16	5.9	16	5.4	15
254	Partitions and fixtures	6.0	11	5.7	11	5.3	11
253,9	Other furniture and fixtures	15.4	29	14.8	28	14.0	27
32	STONE, CLAY, AND GLASS PRODUCTS	106.8	16	105.2	16	102.2	16
321	Flat glass	1.6	6	1.7	6	1.5	6
322	Glass and glassware, pressed or blown	42.7	33	42.6	33	41.2	33
3221	Glass containers	26.3	36	25.7	36	25.2	36
3229	Pressed and blown glass n e c	16.4	29	16.9	29	16.0	29
324	Cement, hydraulic	1.3	4	1.3	4	1.3	4
325	Structural clay products	7.4	11	7.2	11	7.0	11
3251	Brick and structural clay tile	1.3	4	1.2	4	1.0	4
326	Pottery and related products	14.8	33	14.3	32	14.1	33
327	Concrete, gypsum, and plaster products	10.1	5	10.1	6	9.8	5
328,9	Other stone and nonmetallic mineral products	20.4	15	19.9	15	19.3	14
3291	Abrasive products	5.7	21	5.7	21	5.7	21

ESTABLISHMENT DATA WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1969		January 1969		April 1968	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Durable Goods--Continued</i>						
33	PRIMARY METAL INDUSTRIES.....	92.2	7	91.8	7	89.3	7
331	Blast furnace and basic steel products.....	27.7	4	27.5	4	27.5	4
3312	Blast furnaces and steel mills.....	20.6	4	20.6	4	20.8	4
332	Iron and steel foundries.....	11.1	5	11.2	5	11.5	5
3321	Gray iron foundries.....	5.9	4	5.8	4	5.6	4
3322	Malleable iron foundries.....	1.2	5	1.2	5	1.2	5
3323	Steel foundries.....	4.0	6	4.2	7	4.7	8
333,4	Nonferrous metals.....	3.7	4	3.9	5	3.3	4
3334	Primary aluminum.....	.8	3	.8	3	.8	3
335	Nonferrous rolling and drawing.....	31.6	15	30.9	15	29.6	14
3351	Copper rolling and drawing.....	3.6	8	3.5	8	3.7	8
3352	Aluminum rolling and drawing.....	6.5	9	6.4	9	6.4	9
3357	Nonferrous wire drawing and insulating.....	17.9	24	17.6	23	16.2	23
336	Nonferrous foundries.....	12.5	14	12.6	14	12.0	13
3361	Aluminum castings.....	5.0	11	4.9	10	4.8	10
3362,9	Other nonferrous castings.....	7.5	17	7.7	17	7.2	17
339	Miscellaneous primary metal products.....	5.6	7	5.7	7	5.4	7
3391	Iron and steel forgings.....	3.0	6	3.1	6	3.1	6
34	FABRICATED METAL PRODUCTS.....	268.2	19	263.4	18	243.1	18
341	Metal cans.....	11.1	16	11.0	17	11.2	17
342	Cutlery, hand tools, and hardware.....	56.6	33	57.1	33	51.5	32
3421,3,5	Cutlery and hand tools, incl. saws.....	17.7	26	16.9	25	14.5	23
3429	Hardware, n e c.....	38.9	38	40.2	39	37.0	38
343	Plumbing and heating, except electric.....	13.3	16	13.2	16	12.4	15
3431,2	Sanitary ware & plumbers' brass goods.....	6.8	18	6.5	17	6.4	17
3433	Heating equipment, except electric.....	6.5	14	6.7	15	6.0	13
344	Fabricated structural metal products.....	41.2	10	40.2	10	38.2	9
3441	Fabricated structural steel.....	5.7	5	5.7	5	5.7	5
3442	Metal doors, sash, and trim.....	14.3	21	13.7	20	12.5	19
3443	Fabricated plate work (boiler shops).....	7.7	7	7.6	7	7.3	7
3444	Sheet metal work.....	9.5	12	9.3	12	9.0	12
3446,9	Architectural and misc. metal work.....	4.0	8	3.9	8	3.7	8
345	Screw machine products, bolts, etc.....	24.5	21	24.1	21	23.5	21
3451	Screw machine products.....	12.2	23	12.1	23	11.9	23
3452	Bolts, nuts, rivets, and washers.....	12.3	20	12.0	19	11.6	19
346	Metal stampings.....	53.3	21	52.1	20	46.2	19
347	Metal services, n e c.....	19.4	20	18.7	20	16.6	18
348	Misc. fabricated wire products.....	18.1	26	17.5	25	16.2	24
349	Misc. fabricated metal products.....	30.7	19	29.5	19	27.3	18
3494,8	Valves, pipe, and pipe fittings.....	16.9	18	16.1	17	14.8	16
35	MACHINERY, EXCEPT ELECTRICAL.....	295.7	16	291.1	15	283.6	14
351	Engines and turbines.....	15.9	14	15.9	14	15.0	14
3511	Steam engines and turbines.....	4.3	11	4.2	11	4.1	11
3519	Internal combustion engines, n e c.....	11.6	15	11.7	16	10.9	15
352	Farm machinery.....	13.5	10	13.5	10	13.9	9
353	Construction and related machinery.....	26.0	9	26.1	9	25.6	9
3531,2	Construction and mining machinery.....	11.8	8	12.4	8	12.0	8
3533	Oil field machinery.....	4.1	9	3.8	9	3.5	9
3535,6	Conveyors, hoists, cranes, monorails.....	4.7	11	4.6	11	4.7	11
3537	Industrial trucks and tractors.....	3.1	10	3.0	9	3.1	10
354	Metal working machinery.....	39.5	11	38.5	11	39.8	11
3541	Machine tools, metal cutting types.....	7.3	9	7.4	9	7.8	10
3544	Special dies, tools, jigs & fixtures.....	9.4	7	8.9	7	9.3	7
3545	Machine tool accessories.....	11.6	19	11.4	19	12.0	19
3542,8	Misc. metal working machinery.....	11.2	14	10.8	14	10.7	14
355	Special industry machinery.....	23.8	12	23.1	12	22.6	12
3551	Food products machinery.....	5.2	12	5.1	12	5.0	12
3552	Textile machinery.....	5.4	13	5.2	12	4.7	12
3555	Printing trades machinery.....	4.1	13	4.0	13	3.9	13
356	General industrial machinery.....	47.3	17	46.1	16	45.9	16
3561	Pumps and compressors.....	10.3	13	10.2	13	10.0	13
3562	Ball and roller bearings.....	14.7	24	14.4	24	14.9	24
3564	Blowers and fans.....	6.3	20	5.8	18	5.6	18
3566	Power transmission equipment.....	7.5	14	7.5	14	7.1	14
357	Office and computing machines.....	69.1	27	70.3	28	67.5	28
3573	Electronic computing equipment.....	43.5	27	43.9	28	42.3	28
358	Service industry machines.....	24.4	17	23.1	17	21.9	16
3585	Refrigeration machinery.....	14.1	15	13.1	15	12.5	14
359	Misc. machinery, except electrical.....	36.2	15	34.5	15	31.4	14

ESTABLISHMENT DATA

WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1969		January 1969		April 1968	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Durable Goods--Continued</i>						
36	ELECTRICAL EQUIPMENT AND SUPPLIES	816.6	40	804.4	40	767.3	39
361	Electrical test & distributing equipment	69.1	33	66.1	32	63.4	31
3611	Electric measuring instruments	30.0	43	29.2	43	28.0	42
3612	Transformers	14.9	25	13.8	24	13.0	23
3613	Switchgear and switchboard apparatus	24.2	29	23.1	28	22.4	28
362	Electrical industrial apparatus	73.5	34	71.9	33	67.1	32
3621	Motors and generators	39.7	33	39.9	34	36.5	32
3622	Industrial controls	24.0	40	22.5	39	21.7	38
363	Household appliances	45.9	25	46.3	25	40.6	23
3632	Household refrigerators and freezers	11.4	18	12.4	20	9.7	16
3633	Household laundry equipment	3.9	16	4.0	16	3.7	15
3634	Electric housewares and fans	21.0	48	20.9	48	18.7	45
364	Electric lighting and wiring equipment	90.6	44	87.8	42	84.0	42
3641	Electric lamps	26.1	65	26.0	65	25.4	66
3642	Lighting fixtures	22.3	34	21.7	33	20.5	32
3643,4	Wiring devices	42.2	41	40.1	40	38.1	39
365	Radio and TV receiving equipment	87.4	57	91.2	57	82.1	57
366	Communication equipment	180.7	35	179.8	34	177.6	34
3661	Telephone and telegraph apparatus	59.4	44	56.9	43	55.2	43
3662	Radio and TV communication equipment	121.3	31	122.9	32	122.4	31
367	Electronic components and accessories	231.3	57	223.6	56	217.9	57
3671-3	Electron tubes	34.3	48	35.1	48	36.1	48
3674,9	Other electronic components	197.0	59	188.5	58	181.8	59
369	Misc. electrical equipment & supplies	38.1	31	37.7	30	34.6	29
3694	Engine electrical equipment	20.2	30	20.2	29	18.8	29
37	TRANSPORTATION EQUIPMENT	219.7	11	220.6	11	221.9	11
371	Motor vehicles and equipment	71.8	8	74.1	8	71.2	8
3711	Motor vehicles	21.7	6	23.0	6	22.2	6
3712	Passenger car bodies	2.2	3	2.2	3	2.6	4
3713	Truck and bus bodies	2.6	7	2.6	7	2.3	6
3714	Motor vehicle parts and accessories	43.9	11	44.9	12	42.8	12
3715	Truck trailers	1.4	4	1.4	5	1.3	5
372	Aircraft and parts	123.3	15	123.8	15	129.0	15
3721	Aircraft	76.1	16	75.7	16	77.9	16
3722	Aircraft engines and engine parts	27.5	14	27.8	13	29.9	14
3723,9	Other aircraft parts and equipment	19.7	15	20.3	15	21.2	15
373	Ship and boat building and repairing	9.4	5	8.8	5	8.1	4
3731	Ship building and repairing	5.7	4	5.6	4	5.4	4
3732	Boat building and repairing	3.7	8	3.2	7	2.7	7
374	Railroad equipment	3.4	6	3.2	6	3.3	7
375,9	Other transportation equipment	11.8	13	10.7	13	10.3	13
38	INSTRUMENTS AND RELATED PRODUCTS	172.7	37	169.2	36	161.6	36
381	Engineering & scientific instruments	20.2	25	20.8	25	20.7	25
382	Mechanical measuring & control devices	42.2	37	40.5	37	38.3	35
3821	Mechanical measuring devices	21.2	31	20.5	31	19.7	29
3822	Automatic temperature controls	21.0	47	20.0	46	18.6	45
383,5	Optical and ophthalmic goods	20.8	41	20.4	41	21.0	40
385	Ophthalmic goods	15.4	48	15.1	48	15.3	47
384	Medical instruments and supplies	37.3	49	36.4	49	34.4	48
386	Photographic equipment and supplies	28.9	26	28.6	26	26.3	25
387	Watches, clocks, and watchcases	23.3	63	22.5	63	20.9	61
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	193.5	44	183.0	43	182.3	44
391	Jewelry, silverware, and plated ware	21.3	41	20.8	40	20.6	40
394	Toys and sporting goods	62.7	53	55.5	51	56.0	51
3941-3	Games, toys, dolls, & play vehicles	38.2	58	32.3	56	34.1	57
3949	Sporting and athletic goods, n e c	24.5	46	23.2	45	21.9	44
395	Pens, pencils, office and art supplies	17.4	52	17.4	52	17.2	51
396	Costume jewelry and notions	33.5	55	32.8	54	32.1	54
393,8,9	Other manufacturing industries	58.6	34	56.5	34	56.4	34
393	Musical instruments and parts	8.5	34	8.3	34	7.3	31
	<i>Nondurable Goods</i>						
20	FOOD AND KINDRED PRODUCTS	424.1	25	421.6	25	419.2	25
201	Meat products	90.1	28	90.7	27	87.2	27
2011	Meat packing plants	25.4	14	25.7	14	25.7	14
2013	Sausages and other prepared meats	16.9	29	17.2	30	16.6	29
2015	Poultry dressing plants	47.8	55	47.8	54	44.9	55
202	Dairy products	40.3	16	39.2	16	40.3	16
2024	Ice cream and frozen desserts	6.2	23	5.4	21	5.9	22

ESTABLISHMENT DATA WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1969		January 1969		April 1968	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	FOOD AND KINDRED PRODUCTS--Continued						
2026	Fluid milk	23.9	13	23.5	13	24.4	13
203	Canned, cured, and frozen foods	99.8	42	95.6	41	96.4	42
2031,6	Canned, cured, and frozen sea foods	24.8	60	21.1	59	24.5	60
2032,3	Canned food, except sea foods	35.0	32	38.1	33	32.6	31
2037	Frozen fruits and vegetables	28.3	49	24.9	48	28.5	50
204	Grain mill products	19.1	14	19.0	14	19.0	15
2041	Flour and other grain mill products	3.4	11	3.5	11	3.0	10
2042	Prepared feeds for animals and fowls	8.2	13	7.9	13	7.9	13
205	Bakery products	66.6	24	66.7	24	68.4	25
2051	Bread, cake, and related products	46.8	20	46.6	20	47.3	20
2052	Cookies and crackers	19.8	47	20.1	47	21.1	48
206	Sugar	3.0	9	3.3	7	2.4	8
207	Confectionery and related products	39.9	50	42.2	51	39.7	49
2071	Confectionery products	34.1	52	36.3	53	33.9	52
208	Beverages	28.5	12	28.0	12	28.4	12
2082	Malt liquors	3.7	6	3.7	6	3.7	6
2086	Bottled and canned soft drinks	12.4	10	12.2	10	12.0	10
209	Misc. foods and kindred products	36.8	26	36.9	26	37.4	27
21	TOBACCO MANUFACTURES	31.9	45	37.4	45	30.9	44
211	Cigarettes	13.8	35	15.1	36	13.5	36
212	Cigars	14.2	71	14.2	71	13.9	71
22	TEXTILE MILL PRODUCTS	454.5	46	450.0	46	444.7	45
221	Weaving mills, cotton	92.9	41	92.9	40	93.3	40
222	Weaving mills, synthetics	36.9	36	37.0	36	35.9	36
223	Weaving and finishing mills, wool	16.9	37	16.5	37	16.4	37
224	Narrow fabric mills	18.8	59	18.5	58	18.0	58
225	Knitting mills	169.5	69	166.2	69	165.6	68
2251	Women's hosiery, except socks	51.3	78	51.5	78	48.4	77
2252	Hosiery, n e c	27.3	73	27.4	73	28.2	73
2253	Knit outerwear mills	52.9	74	49.9	72	53.7	73
2254	Knit underwear mills	24.4	71	24.4	72	23.2	71
226	Textile finishing, except wool	21.5	26	21.0	25	20.6	25
227	Floor covering mills	18.1	34	18.1	34	16.3	33
228	Yarn and thread mills	57.3	47	57.2	47	56.0	47
229	Miscellaneous textile goods	22.6	28	22.6	28	22.6	28
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,136.1	81	1,120.7	80	1,115.9	80
231	Men's and boys' suits and coats	98.5	72	97.5	72	92.5	71
232	Men's and boys' furnishings	314.1	84	307.3	84	305.3	84
2321	Men's and boys' shirts and nightwear	105.1	88	104.2	88	107.1	88
2327	Men's and boys' separate trousers	67.4	82	66.5	82	64.5	82
2328	Men's and boys' work clothing	71.1	83	69.1	83	67.3	82
233	Women's and misses' outerwear	362.2	85	354.3	84	354.2	84
2331	Women's and misses' blouses and waists	45.6	89	44.9	89	46.6	89
2335	Women's and misses' dresses	181.7	87	170.7	86	180.6	86
2337	Women's and misses' suits and coats	57.7	75	65.0	74	53.8	75
2339	Women's and misses' outerwear, n e c	77.2	86	73.7	86	73.2	85
234	Women's and children's undergarments	109.7	87	108.8	87	107.0	87
2341	Women's and children's underwear	75.2	87	73.8	87	72.6	87
2342	Corsets and allied garments	34.5	85	35.0	85	34.4	85
235	Hats, caps, and millinery	13.8	70	15.5	71	15.3	68
236	Children's outerwear	68.7	87	68.8	87	67.7	86
2361	Children's dresses and blouses	31.0	90	30.7	90	30.5	89
237,8	Fur goods and miscellaneous apparel	56.4	74	55.1	74	59.3	74
239	Misc. fabricated textile products	112.7	65	113.4	65	114.6	65
2391,2	Housefurnishings	46.0	72	45.8	73	46.8	73
26	PAPER AND ALLIED PRODUCTS	151.9	22	150.2	21	145.8	21
261,2,6	Paper and pulp mills	23.7	11	24.4	11	24.0	11
263	Paperboard mills	5.8	8	5.9	8	6.0	8
264	Misc. converted paper products	66.0	36	63.3	35	62.9	36
2643	Bags, except textile bags	14.8	35	14.3	33	14.6	35
265	Paperboard containers and boxes	56.4	25	56.6	25	52.9	24
2651,2	Folding and setup paperboard boxes	24.4	35	24.8	35	22.9	34
2653	Corrugated and solid fiber boxes	15.5	15	15.4	15	14.3	14
2654	Sanitary food containers	11.0	33	10.8	33	10.4	33

ESTABLISHMENT DATA WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1969		January 1969		April 1968	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
27	PRINTING AND PUBLISHING.....	343.0	32	337.4	32	329.0	31
271	Newspapers.....	91.3	25	90.1	25	86.1	24
272	Periodicals.....	37.1	48	37.2	48	36.4	47
273	Books.....	45.7	48	44.7	47	45.1	47
275	Commercial printing.....	93.6	27	91.8	27	88.4	26
2751	Commercial printing, ex. lithographic.....	56.7	27	55.7	27	53.1	26
2752	Commercial printing, lithographic.....	32.6	27	32.1	27	31.3	27
278	Blankbooks and bookbinding.....	28.9	50	27.7	50	27.4	49
274,6,7,9	Other publishing & printing ind.	46.4	33	45.9	33	45.6	33
28	CHEMICALS AND ALLIED PRODUCTS.....	215.9	21	213.4	21	203.8	20
281	Industrial chemicals.....	33.7	11	33.4	11	33.3	11
2812	Alkalies and chlorines.....	2.0	8	2.0	8	2.0	8
2818	Industrial organic chemicals, n e c.....	16.5	13	16.5	14	16.8	13
2819	Industrial inorganic chemicals, n e c.....	9.3	10	9.1	10	8.8	9
282	Plastics materials and synthetics.....	37.2	17	37.2	17	35.8	17
2821	Plastics materials and resins.....	9.0	9	9.2	10	8.6	9
2823,4	Synthetic fibers.....	27.2	24	27.0	24	26.1	24
283	Drugs.....	55.6	40	55.0	40	52.5	39
2834	Pharmaceutical preparations.....	46.6	43	46.1	42	43.1	42
284	Soap, cleaners, and toilet goods.....	47.0	39	45.7	38	42.3	38
2841	Soap and other detergents.....	9.0	23	9.2	23	9.0	23
2844	Toilet preparations.....	28.4	56	27.4	56	24.4	55
285	Paints and allied products.....	11.2	16	11.2	16	11.1	16
287	Agricultural chemicals.....	5.5	9	5.7	10	5.7	9
2871,2	Fertilizers, complete & mixing only.....	3.1	7	3.0	8	3.2	7
286,9	Other chemical products.....	25.7	21	25.2	21	23.1	20
2892	Explosives.....	11.7	25	11.7	25	10.3	23
29	PETROLEUM AND COAL PRODUCTS.....	17.5	9	13.2	11	16.6	9
291	Petroleum refining.....	13.4	9	9.2	10	12.8	9
295,9	Other petroleum and coal products.....	4.1	11	4.0	12	3.8	11
30	RUBBER AND PLASTICS PRODUCTS, NEC.....	184.4	32	182.4	32	170.7	31
301	Tires and inner tubes.....	12.9	11	12.9	11	12.8	11
302,3,6	Other rubber products.....	63.4	34	62.7	34	61.5	34
302	Rubber footwear.....	14.3	55	14.1	54	14.6	54
307	Miscellaneous plastics products.....	108.1	39	106.8	39	96.4	38
31	LEATHER AND LEATHER PRODUCTS.....	195.2	57	200.6	57	197.0	56
311	Leather tanning and finishing.....	3.9	13	4.0	13	3.8	12
314	Footwear, except rubber.....	141.6	63	145.7	63	142.6	62
312,3,5-7,9	Other leather products.....	49.7	56	50.9	56	50.6	57
316	Luggage.....	10.4	49	10.0	48	10.1	49
317	Handbags and personal leather goods.....	24.0	68	25.5	67	25.3	68
-	TRANSPORTATION AND PUBLIC UTILITIES.....	901	20	883	21	850	20
41	LOCAL AND INTERURBAN PASSENGER TRANSIT ..	27.5	10	28.0	10	24.9	9
411	Local and suburban transportation.....	4.7	6	5.1	6	4.8	6
412	Taxicabs.....	5.2	5	5.2	5	5.0	5
413	Intercity highway transportation.....	4.2	10	4.3	10	4.2	10
42	TRUCKING AND WAREHOUSING.....	94.8	9	93.8	9	88.8	9
421,3	Trucking and trucking terminals.....	83.7	9	82.4	9	77.9	8
422	Public warehousing.....	11.1	14	11.4	14	10.9	13
45	TRANSPORTATION BY AIR.....	87.9	25	86.4	25	79.5	25
451,2	Air transportation.....	85.2	27	83.8	27	77.0	27
46	PIPE LINE TRANSPORTATION.....	1.6	9	1.6	9	1.6	9
44	WATER TRANSPORTATION.....	16.2	6	17.2	9	15.3	6
47	TRANSPORTATION SERVICES.....	22.1	22	21.0	21	20.2	21
48	COMMUNICATION.....	519.4	50	504.9	50	490.4	50
481	Telephone communication.....	475.6	55	462.5	55	449.8	55
483	Radio and television broadcasting.....	30.3	24	29.1	23	27.7	23
49	ELECTRIC, GAS, AND SANITARY SERVICES.....	99.6	15	99.4	15	97.4	15
491	Electric companies and systems.....	40.8	15	40.6	15	40.0	15
492	Gas companies and systems.....	26.4	17	26.3	17	25.8	17

ESTABLISHMENT DATA WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1969		January 1969		April 1968	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	ELECTRIC, GAS, AND SANITARY SERVICES--Cont'd						
493	Combination companies and systems	26.2	15	26.2	14	25.6	14
494-7	Water, steam, & sanitary systems	6.2	13	6.3	13	6.0	13
	WHOLESALE AND RETAIL TRADE	5,662	39	5,561	39	5,409	39
50	WHOLESALE TRADE	842	23	836	23	787	22
501	Motor vehicles & automotive equipment	56.1	19	55.5	19	51.4	18
502	Drugs, chemicals, and allied products	79.9	35	78.2	34	72.3	33
503	Dry goods and apparel	67.0	46	65.6	45	63.6	44
504	Groceries and related products	111.2	21	113.5	21	100.6	20
506	Electrical goods	72.8	24	70.8	24	66.7	23
507	Hardware; plumbing & heating equipment	37.4	22	36.9	22	35.9	22
508	Machinery, equipment, and supplies	133.6	18	131.0	18	124.0	18
509	Miscellaneous wholesalers	268.5	22	265.1	22	256.0	22
52-59	RETAIL TRADE	4,820	45	4,725	45	4,622	45
53	RETAIL GENERAL MERCHANDISE	1,505.4	69	1,528.4	69	1,438.3	69
531	Department stores	987.4	69	1,014.6	69	928.7	69
532	Mail order houses	72.3	61	75.9	60	72.7	61
533	Variety stores	249.8	78	245.1	78	243.6	79
54	FOOD STORES	580.0	35	577.3	35	550.6	34
541-3	Grocery, meat, and vegetables stores	483.0	32	482.4	32	452.0	31
56	APPAREL AND ACCESSORY STORES	462.6	66	461.4	66	471.6	65
561	Men's & boys' clothing & furnishings	48.8	41	51.4	41	46.1	40
562	Women's ready-to-wear stores	229.4	89	227.0	88	233.2	89
565	Family clothing stores	75.2	71	77.8	70	75.1	71
566	Shoe stores	52.7	38	50.1	37	58.3	36
57	FURNITURE AND HOME FURNISHINGS STORES	132.0	30	131.0	30	127.0	29
571	Furniture and home furnishings	86.0	31	85.3	30	81.8	30
58	EATING AND DRINKING PLACES	1,350.9	56	1,239.6	56	1,265.7	56
52,55,59	OTHER RETAIL TRADE	789.3	24	786.9	24	768.9	24
52	Building materials and farm equipment	86.3	16	86.3	16	83.0	16
55	Automotive dealers & service stations	180.1	11	180.2	12	170.0	11
551,2	Motor vehicle dealers	84.7	11	83.5	11	79.4	11
553,9	Other automotive & accessory dealers	29.7	14	29.6	14	27.8	13
59	Miscellaneous retail stores	522.9	45	520.4	44	515.9	44
591	Drug stores and proprietary stores	258.6	60	262.7	60	251.9	59
594	Book and stationery stores	26.5	44	26.7	44	25.9	43
596	Farm and garden supply stores	22.1	20	19.0	18	22.0	20
598	Fuel and ice dealers	18.4	17	19.9	17	18.9	18
	FINANCE, INSURANCE, AND REAL ESTATE	1,801	51	1,764	51	1,689	51
60	Banking	603.4	63	589.6	63	557.9	62
61	Credit agencies other than banks	196.3	55	193.9	55	189.9	54
612	Savings and loan associations	67.2	65	66.6	65	64.6	65
614	Personal credit institutions	93.0	49	92.0	49	91.0	48
62	Security, commodity brokers & services	77.0	35	75.3	35	61.6	34
63	Insurance carriers	512.0	51	503.0	50	488.4	50
631	Life insurance	226.6	43	223.2	43	216.8	42
632	Accident and health insurance	61.5	72	60.5	72	57.6	73
633	Fire, marine, and casualty insurance	198.4	56	194.6	56	190.2	55
64	Insurance agents, brokers, and service	152.1	57	149.1	57	143.2	57
65	Real estate	219.4	35	215.5	35	209.8	35
655	Subdividers and developers	16.0	20	15.9	22	15.3	20
656	Operative builders	6.6	15	6.3	15	5.8	14
66,67	Other finance, insurance, & real estate	40.5	51	39.6	50	37.8	50
	SERVICES	5,936	54	5,780	54	5,559	53
	Hotels and other lodging places:						
701	Hotels, tourist courts, and motels	328.8	50	305.2	50	310.2	49
72	Personal services	631.0	62	625.1	61	637.1	62
721	Laundries and dry cleaning plants	353.1	66	352.4	66	363.3	66
722	Photographic studios	23.0	57	21.2	53	21.7	56

ESTABLISHMENT DATA

WOMEN EMPLOYEES

B-3: Women employees on nonagricultural payrolls, by industry--Continued

SIC Code	Industry	April 1969		January 1969		April 1968	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<i>Nondurable Goods--Continued</i>						
	SERVICES - Continued						
73	Miscellaneous business services	494.6	34	489.4	34	456.2	33
731	Advertising	50.0	42	49.8	43	49.4	42
732	Credit reporting and collection	53.1	73	52.2	73	51.6	72
734	Services to buildings	77.1	30	75.2	31	70.3	30
76	Miscellaneous repair services	27.3	15	26.6	15	24.3	14
78	Motion pictures	69.7	34	65.1	33	66.3	34
781	Motion picture filming & distributing	14.7	31	14.9	27	14.7	30
782,3	Motion picture theaters and services	55.0	35	50.2	35	51.6	36
80	Medical and other health services	2,270.2	81	2,219.8	81	2,071.3	80
806	Hospitals	1,418.0	81	1,392.6	81	1,321.2	81
81	Legal services	137.5	64	135.7	64	129.4	64
82	Educational services	559.8	48	546.2	48	518.7	47
821	Elementary and secondary schools	237.4	61	237.3	61	216.7	59
822	Colleges and universities	277.2	41	265.8	41	261.8	41
89	Miscellaneous services	140.1	23	134.5	23	127.0	23
891	Engineering & architectural services	43.4	15	42.6	15	40.3	14
892	Nonprofit research agencies	28.5	30	28.4	30	27.5	30
-	GOVERNMENT	5,277	43	5,182	43	5,128	43
91	FEDERAL GOVERNMENT	727	26	716	26	708	26
92,93	STATE AND LOCAL GOVERNMENT	4,550	48	4,466	47	4,420	48
92	State government	1,054.3	41	1,033.6	41	1,001.5	41
	State education	433.2	40	418.0	40	396.8	40
	Other State government	621.1	42	615.6	42	604.7	41
	Local government	3,496.0	50	3,432.4	50	3,418.3	51
	Local education	2,541.2	63	2,505.0	63	2,536.9	65
	Other local government	954.8	32	927.4	32	881.4	31

ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

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

1957-59=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.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.3	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	45.9	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.2	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.2	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.4	71.3	101.8	59.3
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.2	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.3	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.0	86.0	98.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	98.8	83.9
1956.....	99.8	106.8	103.9	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.7	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.4	103.0	100.9	103.9
1960.....	103.3	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.7	106.5	102.5	108.0
1961.....	102.9	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	111.2	109.5	102.9	112.1
1962.....	105.9	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	116.4	113.3	105.7	116.3
1963.....	108.0	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	120.7	117.6	106.5	121.9
1964.....	111.1	82.3	105.6	104.1	96.9	111.3	110.1	111.8	116.9	126.3	122.3	106.1	128.7
1965.....	115.8	82.1	110.4	108.8	99.0	116.4	114.4	117.2	119.5	131.8	128.4	107.4	136.6
1966.....	121.8	81.4	113.4	115.8	101.8	121.3	118.7	122.2	122.5	138.5	137.5	115.8	146.1
1967.....	125.4	79.6	111.1	117.2	104.5	124.6	121.7	125.6	127.5	146.5	145.3	122.8	154.1
1968.....	129.2	79.2	113.2	119.1	105.8	128.9	124.9	130.4	133.7	153.6	151.0	123.6	161.7
1968: July.....	129.4	80.4	113.2	119.3	105.9	129.0	125.1	130.5	133.4	153.5	151.5	125.5	161.7
1968: August.....	129.6	80.5	113.3	119.3	106.2	129.6	125.4	131.1	134.3	154.1	151.6	123.9	162.4
1968: September.....	129.8	80.8	113.8	119.4	106.3	130.0	125.9	131.5	134.9	154.2	151.5	122.9	162.7
1968: October.....	130.3	74.4	114.5	119.5	106.5	130.6	126.4	132.1	135.7	155.5	152.3	122.3	164.1
1968: November.....	130.7	80.8	114.8	119.9	106.8	130.9	126.7	132.4	136.5	156.4	152.3	122.4	164.1
1968: December.....	131.1	80.9	115.3	120.2	107.0	130.7	127.0	132.0	136.9	157.2	153.4	123.0	165.3
1969: January.....	131.8	81.3	115.6	120.5	106.8	132.0	127.8	133.5	137.9	158.1	154.0	124.7	165.5
1969: February.....	132.3	81.6	116.6	120.9	107.3	132.5	128.2	134.0	138.4	159.1	154.5	125.0	166.1
1969: March.....	132.7	81.3	116.9	121.2	107.9	132.8	128.7	134.4	138.9	160.0	154.6	124.6	166.4
1969: April.....	132.9	81.0	116.5	121.2	108.9	133.1	129.0	134.5	139.6	160.2	154.8	124.6	166.7
1969: May.....	133.3	80.8	118.0	121.2	109.0	133.8	129.8	135.2	140.0	160.5	155.6	124.4	167.8
1969: June.....	133.8	80.8	119.8	121.7	109.3	134.3	130.2	135.7	140.6	160.4	156.2	126.0	168.1
1969: July.....	134.2	81.3	119.3	122.2	110.2	134.5	130.2	136.1	141.2	160.3	156.7	126.1	168.8

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.

Data for the 2 most recent months are preliminary.

STABLISHMENT DATA EASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	(In thousands)												
	1969							1968					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
TOTAL	70,462	70,270	70,013	69,789	69,710	69,487	69,199	68,875	68,664	68,427	68,195	68,088	67,945
MINING	626	622	622	624	626	628	626	623	622	573	622	620	619
CONTRACT CONSTRUCTION	3,445	3,459	3,407	3,363	3,374	3,366	3,338	3,330	3,313	3,305	3,286	3,272	3,268
MANUFACTURING	20,290	20,196	20,118	20,111	20,122	20,061	19,999	19,958	19,897	19,840	19,820	19,800	19,804
DURABLE GOODS	12,001	11,930	11,874	11,868	11,881	11,839	11,819	11,744	11,700	11,649	11,646	11,634	11,666
Ordnance and accessories	340	337	342	343	346	346	349	351	347	333	346	350	346
Lumber and wood products	611	607	610	604	608	607	606	603	600	600	599	599	598
Furniture and fixtures	500	497	496	496	494	494	490	485	484	480	478	476	474
Stone, clay, and glass products	657	662	656	658	664	666	664	658	652	649	645	644	641
Primary metal industries	1,345	1,345	1,333	1,326	1,332	1,330	1,321	1,313	1,300	1,294	1,302	1,308	1,324
Fabricated metal products	1,463	1,458	1,453	1,450	1,451	1,444	1,437	1,426	1,420	1,411	1,401	1,393	1,392
Machinery, except electrical	2,015	2,009	1,999	1,999	1,993	1,997	1,981	1,971	1,974	1,966	1,960	1,955	1,949
Electrical equipment	2,083	2,064	2,058	2,046	2,036	2,026	2,013	1,996	1,988	1,982	1,984	1,983	1,982
Transportation equipment	2,064	2,035	2,009	2,029	2,042	2,020	2,045	2,031	2,031	2,034	2,035	2,027	2,068
Instruments and related products	475	473	474	472	470	468	466	465	465	463	462	462	455
Miscellaneous manufacturing	448	443	444	445	445	441	447	445	439	437	434	437	437
NONDURABLE GOODS	8,289	8,266	8,244	8,243	8,241	8,222	8,180	8,214	8,197	8,191	8,174	8,166	8,138
Food and kindred products	1,781	1,787	1,793	1,795	1,793	1,801	1,792	1,789	1,781	1,782	1,782	1,781	1,777
Tobacco manufactures	82	81	82	81	83	82	84	81	82	83	84	87	85
Textile mill products	998	990	987	991	995	999	1,000	998	997	994	994	995	993
Apparel and other textile products	1,440	1,429	1,426	1,425	1,417	1,409	1,424	1,412	1,412	1,416	1,414	1,406	1,412
Paper and allied products	719	717	714	710	714	713	709	706	704	700	696	695	690
Printing and publishing	1,088	1,085	1,075	1,078	1,078	1,077	1,076	1,074	1,072	1,070	1,065	1,066	1,063
Chemicals and allied products	1,053	1,054	1,046	1,044	1,045	1,044	1,040	1,040	1,038	1,034	1,031	1,028	1,025
Petroleum and coal products	191	190	190	190	187	170	128	189	188	187	186	187	187
Rubber and plastics products, nec	589	585	581	579	579	577	573	571	567	568	565	564	558
Leather and leather products	348	348	350	350	350	350	354	354	356	357	357	357	348
TRANSPORTATION AND PUBLIC UTILITIES	4,490	4,456	4,444	4,439	4,399	4,373	4,353	4,360	4,352	4,341	4,333	4,327	4,315
WHOLESALE AND RETAIL TRADE	14,692	14,663	14,609	14,533	14,508	14,468	14,412	14,271	14,291	14,265	14,198	14,154	14,093
WHOLESALE TRADE	3,770	3,772	3,758	3,737	3,726	3,714	3,701	3,678	3,669	3,660	3,646	3,633	3,624
RETAIL TRADE	10,922	10,891	10,851	10,796	10,782	10,754	10,711	10,593	10,622	10,605	10,552	10,521	10,469
FINANCE, INSURANCE, AND REAL ESTATE	3,572	3,557	3,541	3,531	3,515	3,502	3,490	3,463	3,453	3,433	3,414	3,399	3,376
SERVICES	11,051	11,062	11,065	11,044	11,034	10,967	10,900	10,838	10,787	10,721	10,635	10,625	10,582
Hotels and other lodging places	719	720	730	741	745	733	733	729	724	722	715	718	721
Personal services	1,033	1,027	1,025	1,024	1,026	1,027	1,028	1,032	1,031	1,027	1,029	1,030	1,030
Medical and other health services	2,869	2,850	2,831	2,813	2,795	2,778	2,762	2,737	2,721	2,702	2,679	2,661	2,644
Educational services	1,108	1,100	1,120	1,119	1,117	1,112	1,090	1,096	1,090	1,080	1,061	1,051	1,052
GOVERNMENT	12,296	12,255	12,207	12,144	12,132	12,122	12,081	12,032	11,949	11,949	11,887	11,891	11,888
FEDERAL	2,791	2,790	2,754	2,758	2,759	2,767	2,760	2,724	2,709	2,708	2,721	2,743	2,779
STATE AND LOCAL	9,505	9,465	9,453	9,386	9,373	9,355	9,321	9,308	9,240	9,241	9,166	9,148	9,109

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

Major industry group	(In thousands)												
	1969							1968					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
TOTAL . . .	18,279	18,201	18,092	18,054	18,101	18,063	17,993	17,928	17,859	17,762	17,772	17,742	17,763
MINING . .	478	472	474	476	477	480	477	475	474	430	474	473	472
CONTRACT CONSTRUCTION	2,892	2,911	2,878	2,839	2,853	2,852	2,832	2,818	2,791	2,787	2,765	2,750	2,750
MANUFACTURING . . .	14,909	14,818	14,740	14,739	14,771	14,731	14,684	14,635	14,594	14,545	14,533	14,519	14,541
DURABLE GOODS	8,774	8,692	8,630	8,634	8,654	8,628	8,606	8,536	8,505	8,462	8,465	8,450	8,493
Ordnance and accessories	191	189	192	193	197	195	196	195	195	183	195	197	196
Lumber and wood products	531	528	530	525	528	527	528	524	520	519	519	520	519
Furniture and fixtures	416	413	412	413	410	410	407	402	400	397	395	394	391
Stone, clay, and glass products	528	532	526	529	535	537	534	530	524	522	519	518	516
Primary metal industries	1,077	1,075	1,062	1,057	1,063	1,058	1,051	1,044	1,031	1,027	1,034	1,037	1,052
Fabricated metal products	1,131	1,126	1,121	1,118	1,121	1,115	1,109	1,100	1,095	1,089	1,079	1,073	1,072
Machinery, except electrical	1,384	1,376	1,366	1,370	1,363	1,370	1,359	1,346	1,354	1,341	1,336	1,333	1,327
Electrical equipment and supplies	1,406	1,382	1,381	1,369	1,364	1,355	1,344	1,330	1,324	1,321	1,323	1,324	1,323
Transportation equipment	1,462	1,431	1,399	1,420	1,432	1,426	1,439	1,427	1,430	1,434	1,439	1,428	1,475
Instruments and related products	297	293	294	292	292	289	288	287	287	286	285	284	279
Miscellaneous manufacturing industries	351	347	347	348	349	346	351	351	345	343	341	342	343
NONDURABLE GOODS	6,135	6,126	6,110	6,105	6,117	6,103	6,078	6,099	6,089	6,083	6,068	6,069	6,048
Food and kindred products	1,192	1,200	1,206	1,205	1,208	1,215	1,205	1,202	1,194	1,194	1,193	1,192	1,189
Tobacco manufactures	69	69	69	68	69	69	71	69	70	70	72	74	72
Textile mill products	881	874	871	875	880	883	885	883	883	880	881	882	881
Apparel and other textile products	1,263	1,255	1,255	1,252	1,246	1,238	1,254	1,243	1,245	1,249	1,247	1,241	1,245
Paper and allied products	560	557	554	549	555	555	550	549	546	543	540	540	537
Printing and publishing	678	676	669	672	673	672	673	671	670	668	664	667	666
Chemicals and allied products	619	623	617	617	620	620	617	617	616	613	611	611	607
Petroleum and coal products	118	118	118	118	116	101	73	119	119	119	117	118	118
Rubber and plastics products, nec	458	455	451	449	449	448	444	441	439	440	437	437	433
Leather and leather products	297	299	300	300	301	302	306	305	307	307	306	307	300

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

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
1	ALABAMA	986.7	980.9	965.0	8.1	8.0	8.3	56.5	54.9	53.4	317.9	314.7	306.6
2	Birmingham	255.1	253.0	248.4	5.6	5.5	5.6	15.8	15.0	15.4	71.0	70.6	68.2
3	Huntsville	77.2	75.7	77.5	(1)	(1)	(1)	3.4	3.1	3.3	11.3	11.2	12.3
4	Mobile	(*)	103.9	105.5	(*)	(1)	(1)	(*)	6.4	6.7	(*)	24.7	23.6
5	Montgomery	68.1	67.4	66.0	(1)	(1)	(1)	5.4	5.2	5.4	10.4	10.3	10.0
6	Tuscaloosa	35.5	36.3	34.5	(1)	(1)	(1)	2.3	2.3	2.3	10.4	10.2	9.8
7	ALASKA	90.2	84.5	87.1	3.8	3.9	2.6	6.7	5.6	7.9	10.1	8.3	10.1
8	ARIZONA	504.4	502.4	467.8	18.8	18.5	17.6	32.1	31.2	26.0	93.7	92.2	84.1
9	Phoenix	297.9	298.1	274.3	.3	.3	.2	17.0	16.6	14.6	75.2	74.2	66.7
10	Tucson	96.5	96.3	87.4	5.6	5.5	4.9	9.0	8.9	6.8	8.1	7.8	7.8
11	ARKANSAS	536.0	528.3	515.5	4.8	4.8	5.0	36.4	34.0	33.0	166.5	164.9	158.7
12	Fayetteville	25.1	25.4	23.6	(1)	(1)	(1)	2.1	2.1	1.5	7.7	7.7	6.8
13	Fort Smith	43.4	43.9	41.9	.5	.5	.5	1.7	1.7	2.3	16.6	16.8	14.9
14	Little Rock-North Little Rock	121.4	118.4	119.0	(1)	(1)	(1)	8.7	8.1	9.4	27.3	26.5	25.3
15	Pine Bluff	25.0	25.0	24.7	(1)	(1)	(1)	1.4	1.5	1.9	6.0	5.8	5.8
16	CALIFORNIA	6,908.0	6,826.9	6,666.0	31.9	31.6	31.8	308.4	299.9	290.3	1,631.1	1,625.0	1,628.9
17	Anaheim-Santa Ana-Garden Grove	400.8	395.6	381.1	1.8	1.8	1.9	22.5	21.8	19.4	125.6	125.4	127.6
18	Bakersfield	93.0	89.6	92.2	6.9	6.7	6.8	5.0	5.0	5.1	8.5	8.3	8.4
19	Fresno	116.5	111.9	113.5	.7	.7	.7	5.7	5.5	5.6	17.1	16.6	16.1
20	Los Angeles-Long Beach	2,864.0	2,849.8	2,796.1	11.4	11.3	11.4	103.4	101.2	99.2	871.0	872.5	875.7
21	Oxnard-Ventura	90.0	89.1	84.8	2.1	2.1	2.1	4.0	3.8	3.4	13.7	14.0	13.8
22	Sacramento	262.1	258.9	256.3	.2	.2	.3	12.1	11.5	11.7	24.1	24.3	25.4
23	Salinas-Monterey 2	61.4	60.3	60.3	.4	.4	.4	2.7	2.7	2.6	6.9	7.3	6.8
24	San Bernardino-Riverside-Ontario	285.5	283.6	273.7	2.3	2.3	2.1	13.7	13.3	13.2	52.2	52.1	50.1
25	San Diego	364.1	358.9	341.1	.4	.4	.4	19.1	18.4	17.1	67.5	66.9	64.4
26	San Francisco-Oakland	1,253.3	1,238.7	1,214.1	1.7	1.7	1.7	63.4	62.2	61.8	206.3	203.2	205.4
27	San Jose	368.4	363.6	352.0	.1	.1	.1	18.8	18.1	17.2	122.6	121.5	121.5
28	Santa Barbara	80.0	79.3	77.2	.9	.9	.9	4.1	4.0	4.0	10.1	9.9	10.3
29	Santa Rosa	48.0	47.1	45.4	.3	.3	.3	2.5	2.4	2.4	6.7	6.4	6.6
30	Stockton	91.6	88.0	85.4	.1	.1	.1	4.0	3.9	3.8	16.1	16.4	14.8
31	Vallejo-Napa	68.0	66.4	66.2	.2	.2	.2	2.5	2.4	2.5	7.3	6.7	7.3
32	COLORADO	711.9	701.9	691.3	12.6	12.3	13.2	35.5	34.4	37.9	110.7	108.6	106.5
33	Denver	450.6	445.8	437.5	4.1	4.0	4.1	24.7	23.7	25.5	80.0	79.2	76.4
34	CONNECTICUT	1,184.4	1,174.5	1,181.3	(3)	(3)	(3)	56.2	53.4	57.7	475.8	473.4	484.4
35	Bridgeport	152.8	151.2	151.9	(3)	(3)	(3)	5.8	6.0	6.0	77.4	76.2	78.5
36	Hartford	321.4	320.0	317.0	(3)	(3)	(3)	15.2	14.3	14.3	108.8	109.3	115.1
37	New Britain	47.4	46.8	46.6	(3)	(3)	(3)	2.1	1.8	2.1	24.9	24.8	25.4
38	New Haven	153.3	151.7	154.5	(3)	(3)	(3)	7.7	7.4	7.8	44.6	44.2	47.2
39	Stamford	80.3	78.8	77.2	(3)	(3)	(3)	4.4	4.1	4.2	27.7	27.5	26.7
40	Waterbury	80.4	79.1	79.4	(3)	(3)	(3)	3.8	3.5	3.7	40.3	40.2	41.5
41	DELAWARE	210.5	206.4	208.5	(1)	(1)	(1)	11.5	10.7	15.8	75.1	74.3	73.6
42	Wilmington	182.9	179.1	185.0	(1)	(1)	(1)	8.7	8.0	12.2	69.1	68.3	69.0
43	DISTRICT OF COLUMBIA 4	(*)	675.8	689.4	(*)	(1)	(1)	(*)	16.0	20.5	(*)	20.1	20.7
44	Washington SMSA	(*)	1,088.6	1,101.5	(*)	(1)	(1)	(*)	57.4	67.0	(*)	43.4	44.4
45	Northern Virginia 5	242.9	239.3	238.1	.4	.4	.4	20.0	19.4	21.3	9.4	9.3	9.5
46	FLORIDA	2,003.5	2,001.0	1,923.9	8.5	8.3	8.5	157.5	151.4	139.4	313.6	313.1	309.1
47	Fort Lauderdale-Hollywood	149.7	148.7	134.8	(1)	(1)	(1)	20.4	19.0	15.7	20.0	19.7	18.1
48	Jacksonville	(*)	185.2	180.5	(*)	(1)	(1)	(*)	11.1	10.8	(*)	23.9	23.0
49	Miami	461.0	464.0	444.2	(1)	(1)	(1)	28.4	27.2	27.7	73.1	73.7	71.6
50	Orlando	130.0	131.0	121.1	(1)	(1)	(1)	11.6	11.6	10.2	22.4	22.5	22.4
51	Pensacola	65.9	66.0	63.2	(1)	(1)	(1)	5.7	5.6	5.1	14.3	14.3	14.0
52	Tampa-St. Petersburg	284.4	285.4	273.4	(1)	(1)	(1)	20.6	21.3	20.1	52.7	52.6	50.8
53	West Palm Beach	96.6	98.2	88.3	(1)	(1)	(1)	9.0	8.4	7.6	18.6	18.7	16.9
54	GEORGIA	1,489.3	1,474.3	1,439.3	6.9	6.7	6.8	83.7	81.4	81.9	465.4	457.6	450.9
55	Atlanta	578.5	572.2	552.1	(1)	(1)	(1)	38.1	37.2	36.7	124.0	121.0	117.8

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	
55.0	54.2	53.9	183.9	181.7	183.0	40.9	40.7	40.4	129.6	128.5	127.7	194.8	198.2	191.7	1
19.4	19.0	18.7	57.8	57.3	56.7	17.2	17.2	16.8	34.8	34.4	34.1	33.5	34.0	32.9	2
1.7	1.7	1.7	11.4	11.3	11.3	1.8	1.8	1.9	17.6	17.4	18.0	30.0	29.2	29.0	3
(*)	9.8	9.7	(*)	24.9	26.9	(*)	4.7	4.7	(*)	16.3	16.2	(*)	17.1	17.7	4
4.5	4.4	4.5	15.8	15.7	14.7	4.4	4.3	4.1	10.3	10.2	10.1	17.3	17.3	17.2	5
1.6	1.5	1.5	5.6	5.7	5.7	1.2	1.2	1.2	3.2	3.1	3.2	11.2	12.3	10.8	6
8.8	8.4	8.5	13.1	12.8	12.3	2.5	2.6	2.5	11.1	10.5	10.2	34.1	32.4	33.0	7
28.7	28.0	27.0	112.1	112.0	104.5	26.4	26.1	24.3	81.9	81.0	77.9	110.7	113.4	106.4	8
16.1	15.9	15.4	70.9	70.9	65.7	19.2	19.0	17.7	46.9	47.7	43.9	52.3	53.5	50.1	9
5.7	5.6	5.3	20.7	20.9	19.2	4.0	4.0	3.7	17.6	17.6	16.2	25.8	26.0	23.5	10
30.2	29.9	30.1	104.7	103.5	102.8	21.2	20.8	20.4	72.4	71.7	70.1	99.8	98.7	95.4	11
1.9	1.9	1.9	4.4	4.4	4.5	.5	.6	.5	3.1	3.1	2.9	5.4	5.6	5.4	12
2.5	2.5	2.6	8.9	8.7	8.8	1.4	1.4	1.4	6.6	6.5	6.3	5.2	5.8	5.1	13
9.3	9.4	9.0	25.5	25.3	25.5	8.7	8.5	8.5	17.8	17.4	17.9	24.1	23.2	23.4	14
3.2	3.2	3.1	4.6	4.6	4.5	.9	.9	.9	3.3	3.2	3.1	5.6	5.8	5.4	15
467.3	458.8	444.5	1,491.3	1,467.7	1,427.6	361.7	359.2	344.6	1,202.9	1,186.2	1,144.7	1,413.4	1,398.5	1,353.6	16
12.1	12.0	11.8	92.8	91.1	85.2	18.4	18.1	16.7	63.4	61.8	59.6	64.2	63.6	58.9	17
6.4	6.1	6.4	21.6	20.5	21.8	2.9	2.9	2.9	15.5	14.6	14.6	26.2	25.5	26.2	18
8.3	7.9	8.2	32.2	29.2	31.6	5.5	5.5	5.5	19.8	19.4	19.3	27.2	27.1	26.5	19
177.8	176.1	169.4	616.7	614.5	599.5	160.5	159.4	154.1	518.6	512.5	496.6	404.6	402.3	390.2	20
4.3	4.1	3.9	19.9	19.5	18.2	3.0	3.0	3.0	14.1	13.9	12.8	28.9	28.7	27.6	21
18.5	18.2	18.4	52.6	51.6	50.8	10.1	10.0	10.0	35.9	35.4	34.6	108.6	107.7	105.1	22
4.1	4.0	4.2	16.2	15.2	16.2	2.4	2.4	2.4	11.5	11.3	10.7	17.2	17.0	17.0	23
17.7	17.5	17.4	62.7	61.9	59.1	9.5	9.5	9.2	52.2	52.5	50.1	75.2	74.5	72.5	24
20.1	19.6	18.6	79.1	78.2	73.0	16.2	16.0	15.2	65.6	64.3	62.0	96.1	95.1	90.4	25
135.1	133.2	128.6	262.4	259.2	253.3	95.9	95.5	90.8	210.3	208.8	202.6	278.2	274.9	269.9	26
15.6	15.2	14.9	67.5	66.7	63.0	12.8	12.7	12.1	73.4	72.6	68.3	57.6	56.7	54.9	27
3.6	3.6	3.5	18.1	17.8	17.2	2.8	2.8	2.8	19.3	19.0	18.6	21.1	21.3	19.9	28
2.7	2.5	2.5	11.7	11.5	10.8	3.2	3.2	3.1	8.2	8.1	7.8	12.7	12.7	11.9	29
7.0	6.5	6.6	20.8	19.1	18.2	3.0	2.9	2.9	15.5	14.5	14.4	25.1	24.6	24.6	30
3.6	3.4	3.6	11.6	11.4	11.3	1.7	1.7	1.7	10.0	9.8	9.1	31.1	30.8	30.5	31
51.8	50.3	49.9	167.7	164.9	162.0	36.5	36.3	35.4	124.2	121.4	118.2	172.9	173.7	168.2	32
35.8	34.9	34.9	113.7	112.7	108.9	27.9	27.9	27.0	82.6	81.2	79.6	81.8	82.2	81.1	33
52.0	51.2	51.3	214.6	213.6	210.4	68.5	68.1	67.9	168.1	165.4	169.6	149.3	149.4	140.0	34
6.2	6.2	6.1	26.7	26.6	25.8	4.5	4.5	4.4	19.0	18.8	18.3	13.1	13.0	12.9	35
11.5	11.3	11.2	60.7	60.3	57.5	40.0	40.0	39.0	45.5	45.2	40.8	39.6	39.5	39.0	36
1.8	1.8	1.8	7.6	7.5	7.0	1.2	1.1	1.1	5.4	5.3	5.1	4.3	4.5	4.0	37
13.3	13.4	13.8	30.1	29.6	29.6	8.0	7.9	7.6	30.8	30.5	30.2	18.7	18.7	18.2	38
3.0	3.0	2.8	17.3	16.9	16.4	3.9	3.9	3.9	16.6	16.1	16.1	7.4	7.3	7.2	39
3.2	3.1	3.0	12.8	12.2	11.5	2.0	2.0	1.9	10.1	10.0	9.7	8.2	8.2	8.0	40
11.1	11.1	11.4	43.4	42.7	41.1	8.6	8.5	8.3	30.4	29.2	29.5	30.4	29.9	28.8	41
9.8	9.8	10.4	35.6	34.9	34.9	7.7	7.6	7.4	26.2	25.2	26.5	25.8	25.3	24.6	42
(*)	30.4	30.4	(*)	86.9	86.3	(*)	31.6	31.6	(*)	132.7	129.2	(*)	358.1	370.7	43
(*)	60.3	58.6	(*)	214.5	212.3	(*)	62.3	62.1	(*)	232.3	227.3	(*)	418.4	429.8	44
19.9	19.3	19.2	55.3	54.4	53.1	14.1	13.7	13.7	44.4	43.6	42.4	79.4	79.2	78.5	45
144.0	142.9	135.6	506.7	512.7	497.9	119.0	117.3	112.0	355.0	360.2	342.1	399.2	395.1	379.3	46
6.9	7.1	6.9	40.3	41.0	37.7	9.8	9.6	8.8	29.1	29.4	26.3	23.2	22.9	21.3	47
(*)	19.2	19.2	(*)	51.9	50.1	(*)	17.4	16.5	(*)	27.9	27.7	(*)	33.8	33.2	48
51.4	51.3	49.0	124.0	125.0	116.5	29.5	29.3	28.8	98.0	101.7	93.1	56.6	55.8	57.5	49
7.9	7.8	7.0	37.8	38.3	35.3	8.8	8.7	7.9	20.6	21.3	20.0	20.9	20.8	18.3	50
3.5	3.4	3.4	14.0	13.8	13.0	2.4	2.4	2.4	8.4	8.5	7.8	17.6	18.0	17.5	51
19.5	19.4	18.9	81.7	82.3	78.4	16.0	15.8	15.7	50.4	50.7	46.6	43.5	43.3	42.9	52
4.6	4.6	4.1	25.0	26.0	23.0	6.2	6.3	5.6	17.4	18.4	16.1	15.8	15.8	15.0	53
103.3	102.5	96.9	309.1	307.1	296.4	71.0	70.4	68.6	171.7	171.3	168.4	278.2	277.3	269.4	54
57.6	57.1	53.5	151.8	150.9	144.3	40.2	39.6	38.8	83.5	83.4	80.2	83.3	83.0	80.8	55

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
1	GEORGIA (continued)												
2	Augusta	(*)	88.2	87.0	(*)	(1)	(1)	(*)	6.6	7.1	(*)	30.6	29.9
3	Columbus	69.1	68.6	69.0	(1)	(1)	(1)	4.3	4.2	4.3	19.1	18.9	19.4
4	Macon	78.9	78.2	76.3	(1)	(1)	(1)	4.7	4.4	4.1	15.9	15.7	15.6
5	Savannah	67.3	66.5	64.0	(1)	(1)	(1)	3.7	3.6	4.0	18.0	17.5	17.0
6	HAWAII	274.6	266.7	261.8	(1)	(1)	(1)	21.2	20.5	18.8	28.7	24.4	29.6
7	Honolulu	233.7	226.6	222.1	(1)	(1)	(1)	18.5	17.8	16.2	21.4	17.9	22.1
8	IDAHO	199.1	196.8	195.1	3.6	3.6	3.5	9.6	10.0	10.4	38.3	39.0	36.0
9	Boise	38.1	37.4	36.4	(1)	(1)	(1)	2.2	2.3	2.1	4.5	4.4	4.0
10	ILLINOIS	4,422.9	4,354.0	4,314.9	24.9	24.3	24.4	208.3	198.0	202.5	1,409.2	1,377.7	1,400.4
11	Chicago	(*)	3,004.2	2,981.8	(*)	4.8	5.2	(*)	128.8	129.6	(*)	964.5	978.7
12	Chicago-Northwestern Indiana	(*)	(*)	3,201.9	(*)	(*)	5.3	(*)	(*)	143.9	(*)	(*)	1,089.1
13	Davenport-Rock Island-Moline	(*)	131.8	133.3	(*)	(3)	(3)	(*)	2.8	7.5	(*)	46.1	45.0
14	Peoria	(*)	124.1	127.6	(*)	(3)	(3)	(*)	4.6	8.7	(*)	45.6	47.3
15	Rockford	(*)	111.9	111.2	(*)	(3)	(3)	(*)	5.1	5.3	(*)	57.2	58.6
16	INDIANA	1,887.0	1,862.8	1,824.0	7.9	7.7	7.9	100.7	95.8	86.2	744.1	732.9	721.6
17	Evansville	88.1	86.7	85.3	1.7	1.6	1.8	4.2	4.1	4.4	34.5	33.7	31.3
18	Fort Wayne	118.4	116.9	112.5	(1)	(1)	(1)	5.9	5.5	4.8	45.8	45.3	43.8
19	Gary-Hammond-East Chicago	220.8	217.1	220.1	(1)	(1)	(1)	13.9	13.6	14.3	107.9	105.0	110.4
20	Indianapolis	423.7	422.3	415.8	(1)	(1)	(1)	19.1	18.8	18.8	136.8	137.1	134.4
21	Muncie	47.1	46.4	44.6	(1)	(1)	(1)	2.2	2.1	1.9	18.7	18.2	18.2
22	South Bend	96.0	93.5	97.0	(1)	(1)	(1)	4.1	4.0	3.9	35.7	33.7	37.2
23	Terre Haute	53.1	53.8	51.2	.8	.8	.9	2.8	2.8	2.2	14.3	14.1	14.1
24	IOWA	890.0	874.8	865.5	3.8	3.6	3.8	44.9	40.0	46.3	224.1	218.3	221.6
25	Cedar Rapids	67.2	66.1	66.0	(1)	(1)	(1)	3.0	2.2	3.1	28.3	27.6	27.7
26	Des Moines	129.0	127.1	125.8	(1)	(1)	(1)	6.8	6.1	6.3	26.4	25.9	26.4
27	Dubuque	33.2	33.5	31.2	(1)	(1)	(1)	1.5	1.4	1.6	14.0	13.8	13.3
28	Sioux City	41.5	40.9	41.8	(1)	(1)	(1)	2.3	2.0	2.2	8.8	8.4	9.7
29	Waterloo	50.5	49.2	49.6	(1)	(1)	(1)	3.0	2.4	2.4	19.6	18.2	20.1
30	KANSAS	(*)	691.0	681.6	(*)	11.1	11.6	(*)	38.7	38.0	(*)	141.3	149.5
31	Topeka	(*)	60.2	58.8	(*)	.1	.1	(*)	3.7	3.6	(*)	9.1	9.0
32	Wichita	(*)	145.1	149.3	(*)	2.4	2.6	(*)	6.9	6.8	(*)	48.6	53.4
33	KENTUCKY	881.7	869.2	855.7	25.8	25.7	27.9	59.4	53.3	52.1	232.9	229.0	232.9
34	Lexington	75.4	74.3	73.2	(1)	(1)	(1)	6.8	5.7	5.2	16.2	16.1	16.3
35	Louisville	334.1	329.7	314.4	(1)	(1)	(1)	18.6	17.3	17.1	123.3	122.5	113.2
36	LOUISIANA	1,060.1	1,056.0	1,046.3	52.9	52.6	52.7	91.1	89.4	96.7	181.2	178.5	179.4
37	Baton Rouge	101.5	101.5	104.2	.7	.7	.7	13.3	13.0	16.4	18.2	18.1	18.2
38	Lake Charles	40.8	40.9	41.1	1.2	1.2	1.1	5.6	5.3	6.6	8.8	9.0	8.9
39	Monroe	38.2	38.4	37.0	.3	.3	.4	4.4	4.4	4.5	6.9	6.9	6.6
40	New Orleans	372.2	373.1	372.2	14.3	14.2	14.4	26.1	26.0	26.1	57.1	56.0	59.2
41	Shreveport	94.2	93.5	90.5	4.0	4.2	4.3	7.2	7.0	7.1	17.6	17.3	16.1
42	MAINE	335.2	326.3	329.9	(1)	(1)	(1)	16.4	14.5	16.1	119.1	115.2	120.0
43	Lewiston-Auburn	29.1	28.8	29.6	(1)	(1)	(1)	1.4	1.4	1.5	13.8	13.6	14.7
44	Portland	65.6	64.0	62.4	(1)	(1)	(1)	3.8	3.5	3.3	16.2	15.6	15.2
45	MARYLAND	1,294.4	1,269.7	1,240.8	1.8	1.8	1.8	86.9	82.8	86.0	285.7	275.4	282.3
46	Baltimore	807.7	793.1	785.5	.3	.3	.3	45.2	43.2	44.6	210.3	202.2	210.8
47	MASSACHUSETTS	2,277.8	2,239.3	2,223.7	(1)	(1)	(1)	100.1	94.0	99.6	695.6	684.9	698.4
48	Boston	1,295.4	1,279.5	1,263.3	(1)	(1)	(1)	53.0	49.8	55.3	299.1	295.6	301.4
49	Brockton	50.7	49.7	49.1	-	-	-	2.1	2.0	2.1	17.7	17.0	17.4
50	Fall River	46.3	46.0	45.4	(1)	(1)	(1)	(1)	(1)	(1)	22.3	22.2	21.7
51	Lawrence-Haverhill	81.1	80.9	81.7	(1)	(1)	(1)	2.1	2.0	2.2	39.1	38.4	41.5
52	Lowell	53.1	52.1	50.9	(1)	(1)	(1)	2.2	2.1	2.4	20.6	20.3	19.7
53	New Bedford	56.1	55.6	55.4	(1)	(1)	(1)	1.9	1.8	1.9	27.2	27.1	27.5
54	Springfield-Chicopee-Holyoke	199.3	196.2	193.8	(1)	(1)	(1)	8.7	7.8	8.1	74.0	72.6	73.5
55	Worcester	132.2	130.2	129.4	(1)	(1)	(1)	5.6	5.2	5.6	49.5	48.5	49.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	
(*)	4.0	3.8	(*)	14.9	14.6	(*)	3.2	3.0	(*)	8.8	8.9	(*)	20.1	19.7	1
3.3	3.3	3.1	13.2	13.1	12.9	3.7	3.6	3.5	8.4	8.4	8.6	17.1	17.1	17.2	2
3.4	3.4	3.2	14.3	14.1	13.4	4.1	3.9	3.7	8.7	8.5	8.6	27.8	28.2	27.7	3
7.1	7.1	6.5	14.9	15.0	13.5	3.0	3.0	2.9	8.6	8.5	8.4	12.0	11.8	11.7	4
22.3	21.8	20.9	62.3	61.5	59.1	15.6	15.4	14.7	52.0	51.6	48.5	72.5	71.5	70.2	5
18.7	18.3	17.6	53.5	52.7	50.5	14.5	14.2	13.6	43.1	42.7	40.2	64.0	63.0	61.9	6
14.1	13.9	14.4	47.1	46.2	46.4	7.5	7.4	7.5	30.9	30.1	30.5	48.0	46.6	46.4	7
3.2	3.2	3.1	10.4	10.2	10.1	2.6	2.5	2.4	6.1	6.0	5.6	9.1	8.8	9.1	8
296.3	292.6	280.3	948.5	939.5	927.1	229.3	225.9	223.4	678.3	675.2	657.8	628.0	620.8	598.9	9
(*)	211.7	201.6	(*)	670.6	658.7	(*)	177.6	174.9	(*)	498.0	487.9	(*)	348.1	345.2	10
(*)	(*)	213.9	(*)	(*)	694.4	(*)	(*)	180.7	(*)	(*)	508.5	(*)	(*)	366.2	11
(*)	7.3	7.2	(*)	30.0	28.9	(*)	5.1	5.2	(*)	18.6	17.2	(*)	21.8	22.4	12
(*)	7.4	7.0	(*)	28.2	27.5	(*)	5.0	5.0	(*)	18.6	17.8	(*)	14.7	14.2	13
(*)	3.6	3.3	(*)	20.9	20.4	(*)	3.0	3.1	(*)	13.4	12.5	(*)	8.7	8.1	14
98.7	98.0	95.7	358.4	356.0	347.5	74.4	73.5	72.5	209.9	207.8	202.6	292.9	291.1	290.0	15
5.1	5.1	5.2	19.1	18.9	19.0	3.3	3.3	3.3	12.3	12.1	12.4	7.9	7.9	7.9	16
7.9	7.9	7.7	26.2	25.9	24.9	6.1	6.1	5.9	15.1	15.1	14.4	11.4	11.1	11.0	17
13.8	13.6	12.3	36.1	35.7	35.7	5.9	5.8	5.8	21.6	21.9	20.6	21.6	21.5	21.0	18
28.0	27.9	27.4	92.7	92.7	91.3	29.2	28.9	28.6	51.5	52.0	51.0	66.4	64.9	64.3	19
2.4	2.4	2.3	8.7	8.7	8.4	1.4	1.4	1.4	5.2	5.1	4.9	8.5	8.5	7.5	20
4.8	4.7	4.6	20.3	20.1	20.4	4.9	4.8	4.8	15.8	15.9	16.2	10.4	10.3	9.9	21
4.2	4.2	4.2	12.9	12.9	12.5	1.8	1.8	1.8	6.4	6.4	6.2	9.9	10.8	9.3	22
52.0	50.5	51.7	210.9	209.9	203.0	41.1	40.2	39.7	143.0	143.6	138.8	170.2	168.6	160.6	23
3.3	3.2	3.1	13.1	12.9	13.1	3.2	3.1	3.1	9.6	10.2	9.4	6.7	6.9	6.4	24
9.5	9.2	9.2	32.0	31.8	31.8	14.9	14.3	13.8	21.1	21.6	20.5	18.3	18.3	17.7	25
1.9	1.9	1.7	7.1	7.0	6.2	.9	.9	.9	5.5	6.2	5.4	2.3	2.4	2.2	26
3.3	3.3	3.4	11.9	11.7	11.6	2.1	2.0	2.0	7.9	8.0	7.8	5.3	5.4	5.2	27
2.5	2.4	2.5	10.1	10.0	9.6	1.4	1.4	1.4	7.2	7.2	7.1	6.8	7.5	6.5	28
(*)	51.2	52.8	(*)	154.1	151.9	(*)	29.0	28.6	(*)	100.4	96.6	(*)	165.2	152.6	29
(*)	7.3	7.2	(*)	12.9	12.4	(*)	3.6	3.6	(*)	9.4	9.1	(*)	14.2	14.1	30
(*)	7.5	8.0	(*)	30.8	31.4	(*)	6.5	6.4	(*)	23.2	22.7	(*)	19.2	18.3	31
61.6	60.6	59.8	183.7	179.3	174.1	34.4	33.9	33.8	120.8	122.0	115.8	163.2	165.4	159.3	32
4.0	3.9	3.8	14.4	14.4	14.5	3.7	3.6	3.4	11.4	11.4	11.1	18.9	19.2	18.9	33
22.8	22.5	22.1	68.3	67.0	64.4	16.8	16.3	16.1	45.4	46.2	43.5	38.9	37.9	38.0	34
97.1	96.0	94.5	230.2	230.1	224.9	48.0	47.8	46.3	150.4	148.7	148.4	209.2	212.9	203.4	35
5.2	5.2	5.1	21.2	21.1	20.7	5.1	5.1	5.1	14.0	14.0	13.8	23.9	24.3	24.2	36
3.4	3.3	3.2	8.2	8.1	8.1	1.5	1.5	1.4	5.5	5.6	5.5	6.6	6.9	6.3	37
2.3	2.3	2.3	9.5	9.4	9.5	2.7	2.7	2.2	5.0	5.0	4.9	7.1	7.4	6.6	38
47.9	47.1	47.9	87.9	87.9	87.7	22.1	22.0	21.6	63.8	66.5	63.6	52.9	53.2	51.7	39
9.4	9.3	9.3	23.2	23.1	22.7	4.5	4.5	4.3	14.1	13.6	13.6	14.1	14.6	13.2	40
17.7	17.3	16.5	63.5	62.4	62.4	12.0	11.7	11.4	42.0	40.4	41.1	64.5	64.8	62.4	41
.9	.9	.8	5.9	5.8	5.8	.9	.9	.8	4.2	4.3	4.1	2.0	1.9	1.9	42
5.2	5.2	4.9	17.3	17.1	16.8	5.2	5.1	4.9	10.5	10.2	10.1	7.4	7.3	7.2	43
79.6	79.0	77.3	295.0	290.6	279.3	67.8	66.7	63.9	231.7	229.2	217.3	245.9	244.2	232.9	44
57.2	56.8	55.5	167.5	165.2	161.7	43.0	42.3	41.0	131.7	131.3	125.6	152.5	151.8	146.0	45
115.8	114.5	103.5	481.8	474.3	470.8	125.6	124.0	121.2	462.3	454.7	439.2	296.6	292.9	291.0	46
73.2	73.1	62.8	291.6	288.9	285.7	90.9	89.9	88.3	314.1	310.9	300.0	173.5	171.3	169.8	47
3.2	3.2	3.0	12.3	12.2	12.0	1.4	1.4	1.3	6.4	6.3	5.8	7.6	7.6	7.5	48
1.8	1.7	1.7	9.1	9.0	9.1	(1)	(1)	(1)	8.6	8.6	8.4	4.5	4.5	4.5	49
2.3	2.3	2.0	14.8	14.8	14.3	2.4	2.4	2.3	9.6	9.9	9.3	10.8	11.1	10.1	50
2.0	1.9	1.7	11.0	10.7	10.4	1.5	1.5	1.4	9.0	8.9	8.6	6.8	6.7	6.7	51
2.6	2.6	2.2	10.0	9.9	9.8	(1)	(1)	(1)	9.7	9.6	9.4	4.7	4.6	4.6	52
8.4	8.2	7.1	39.9	39.7	38.8	9.1	9.1	9.0	34.6	34.3	33.1	24.6	24.5	24.2	53
6.5	6.5	5.8	25.8	25.6	25.2	6.8	6.7	6.5	22.3	22.1	21.3	15.7	15.6	15.7	54

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
1	MICHIGAN.....	2,995.5	2,967.5	2,856.6	13.5	13.5	13.9	110.0	105.8	63.7	1,148.9	1,136.0	1,120.9
2	Ann Arbor.....	100.8	101.1	94.5	(1)	(1)	(1)	4.1	3.7	1.9	36.2	36.2	35.2
3	Battle Creek.....	57.8	56.7	57.3	(1)	(1)	(1)	2.5	2.2	1.8	25.8	25.1	26.1
4	Bay City.....	29.7	29.7	28.5	(1)	(1)	(1)	1.1	1.1	.6	12.5	12.5	11.9
5	Detroit.....	1,499.7	1,490.5	1,422.5	1.1	1.1	.9	53.3	53.1	24.0	607.6	604.7	593.9
6	Flint.....	158.7	158.8	151.5	(1)	(1)	(1)	6.5	6.4	3.2	84.7	84.7	83.3
7	Grand Rapids.....	180.3	179.6	173.2	(1)	(1)	(1)	10.1	9.3	6.0	74.5	73.9	74.2
8	Jackson.....	46.4	46.1	45.1	(1)	(1)	(1)	2.3	2.2	1.7	19.8	19.6	19.0
9	Kalamazoo.....	70.3	70.2	67.7	(1)	(1)	(1)	3.8	3.7	2.4	29.8	29.6	29.8
10	Lansing.....	129.4	130.5	125.5	(1)	(1)	(1)	6.4	6.2	4.0	39.5	39.0	39.3
11	Muskegon-Muskegon Heights...	51.4	51.2	49.6	(1)	(1)	(1)	2.2	2.3	.9	26.8	26.5	26.4
12	Saginaw.....	72.0	71.5	67.8	(1)	(1)	(1)	4.5	3.7	2.7	32.5	32.4	31.0
13	MINNESOTA.....	1,302.1	1,281.2	1,264.8	16.3	15.5	16.7	73.0	66.5	70.8	320.8	315.0	316.4
14	Duluth-Superior.....	57.5	56.9	56.4	(1)	(1)	(1)	3.0	2.7	2.9	10.2	10.2	9.9
15	Minneapolis-St. Paul.....	775.7	766.8	757.6	(1)	(1)	(1)	41.2	38.7	40.7	216.6	213.9	213.3
16	MISSISSIPPI.....	562.1	562.9	553.0	6.3	6.2	6.3	33.2	32.2	33.2	180.0	178.1	176.6
17	Jackson.....	88.5	88.8	85.6	.8	.8	.8	6.6	6.2	6.1	14.4	14.3	13.7
18	MISSOURI.....	1,649.4	1,630.3	1,632.5	9.1	8.9	8.5	70.6	69.3	72.3	456.1	443.3	462.0
19	Kansas City.....	497.5	490.9	500.6	.5	.5	.6	14.5	14.3	26.9	131.6	126.4	132.2
20	St. Joseph.....	32.6	32.2	31.4	(3)	(3)	(3)	2.1	2.1	1.4	10.2	10.0	10.3
21	St. Louis.....	907.3	894.9	900.3	2.4	2.4	2.4	40.9	42.0	44.2	289.5	281.0	296.1
22	Springfield.....	54.0	53.3	51.9	.1	.1	.1	2.4	2.4	2.1	15.4	15.1	15.3
23	MONTANA.....	203.6	197.5	203.9	5.8	5.5	6.0	13.2	12.0	13.1	23.7	23.2	24.2
24	Billings.....	28.4	27.9	27.6	(1)	(1)	(1)	1.7	1.6	1.8	3.1	3.1	2.9
25	Great Falls.....	25.0	24.7	24.8	(1)	(1)	(1)	2.0	1.9	2.0	3.4	3.4	3.6
26	NEBRASKA.....	479.3	474.4	461.9	2.0	1.8	1.8	26.5	25.2	24.5	90.3	86.9	85.4
27	Lincoln.....	70.7	69.2	66.8	-	-	-	3.7	2.7	3.7	11.3	11.0	9.9
28	Omaha.....	204.0	201.6	196.7	(3)	(3)	(3)	11.4	11.5	10.8	40.2	38.9	38.5
29	NEVADA.....	189.1	184.8	180.7	4.1	4.0	3.9	11.8	11.5	9.6	7.5	7.3	7.1
30	Las Vegas.....	102.8	101.3	97.1	.2	.2	.2	6.4	6.2	4.8	4.1	4.0	3.8
31	Reno.....	52.3	51.0	49.1	.2	.2	.2	3.4	3.4	2.9	2.5	2.5	2.3
32	NEW HAMPSHIRE.....	259.4	247.5	254.0	.4	.3	.3	13.4	12.3	13.3	98.9	97.6	100.2
33	Manchester.....	49.1	48.3	49.0	(1)	(1)	(1)	2.7	2.5	3.0	17.2	17.0	18.0
34	NEW JERSEY.....	2,576.4	2,539.3	2,524.5	3.2	3.1	3.1	117.9	112.4	121.3	897.1	887.3	893.3
35	Atlantic City.....	65.4	61.9	64.8	-	-	-	3.7	3.7	3.9	11.5	11.1	11.2
36	Camden ⁷	243.6	244.2	240.4	.1	.1	.1	14.2	13.6	14.0	75.3	75.6	78.6
37	Jersey City ⁸	265.5	263.0	265.1	-	-	-	8.3	8.1	7.5	111.2	109.6	114.3
38	Newark ⁸	795.1	787.6	780.3	.5	.5	.5	33.5	32.2	33.0	259.9	257.9	259.3
39	Paterson-Clifton-Passaic ⁸	486.0	480.4	478.8	.4	.4	.3	21.7	20.2	22.1	190.6	188.5	188.8
40	Perth Amboy ⁸	255.6	251.6	246.6	.8	.8	.7	12.6	12.0	12.0	109.9	108.3	109.3
41	Trenton.....	131.3	130.6	127.9	(1)	(1)	(1)	3.5	3.5	4.0	42.5	42.4	41.4
42	NEW MEXICO.....	286.2	279.4	281.0	16.6	15.9	16.2	18.8	16.8	19.6	19.2	18.9	17.8
43	Albuquerque.....	102.9	101.3	99.5	(1)	(1)	(1)	6.2	5.7	6.4	8.4	8.3	7.6
44	NEW YORK.....	(*)	7,156.9	7,093.3	(*)	8.6	9.0	(*)	269.5	281.5	(*)	1,878.0	1,893.0
45	Albany-Schenectady-Troy.....	(*)	270.7	269.1	(*)	(1)	(1)	(*)	11.9	13.0	(*)	63.8	65.3
46	Binghamton.....	(*)	104.4	106.1	(*)	(1)	(1)	(*)	4.2	5.7	(*)	45.0	45.0
47	Buffalo.....	(*)	503.6	501.0	(*)	(1)	(1)	(*)	21.8	22.6	(*)	176.6	181.0
48	Elmira.....	(*)	39.4	40.3	(*)	(1)	(1)	(*)	1.8	1.9	(*)	16.1	17.0
49	Monroe County ⁹	(*)	299.9	302.1	(*)	(1)	(1)	(*)	12.8	16.0	(*)	133.9	135.3
50	Nassau and Suffolk Counties ¹⁰	(*)	702.7	685.4	(*)	(1)	(1)	(*)	41.8	41.4	(*)	162.8	164.3
51	New York-Northeastern New Jersey.....	(*)	6,644.6	6,573.2	(*)	4.8	4.4	(*)	241.7	246.1	(*)	1,763.0	1,778.7
52	New York SMSA ⁸	(*)	4,863.1	4,802.4	(*)	3.1	3.0	(*)	170.5	171.5	(*)	1,098.0	1,107.0
53	New York City ¹⁰	(*)	3,803.9	3,763.3	(*)	2.4	2.2	(*)	107.4	107.1	(*)	841.9	850.0
54	Rochester.....	(*)	340.9	342.4	(*)	(1)	(1)	(*)	14.8	18.5	(*)	146.4	147.6
55	Rockland County ¹⁰	(*)	56.2	55.7	(*)	(1)	(1)	(*)	3.0	3.5	(*)	15.4	14.9
56	Syracuse.....	(*)	228.9	224.0	(*)	(1)	(1)	(*)	12.6	12.7	(*)	67.4	67.3
57	Utica-Rome.....	(*)	117.2	116.2	(*)	(1)	(1)	(*)	3.7	4.3	(*)	44.2	42.8
58	Westchester County ¹⁰	(*)	300.2	297.9	(*)	(1)	(1)	(*)	18.3	19.5	(*)	77.9	77.7

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	
145.3	144.6	144.1	558.0	556.9	552.1	108.2	107.1	104.2	391.8	384.9	380.8	519.7	518.7	476.9	1
1.9	1.9	1.9	12.8	12.9	12.1	2.1	2.1	2.1	9.4	9.4	9.0	34.3	34.8	32.4	2
2.4	2.4	2.5	9.8	9.7	9.7	3.3	3.3	3.3	6.2	6.2	6.1	7.8	7.8	7.7	3
1.5	1.5	1.6	6.5	6.5	6.6	.8	.8	.7	3.5	3.5	3.5	3.8	3.8	3.5	4
79.6	80.0	76.9	302.0	301.5	294.8	64.7	63.8	62.1	200.6	199.3	195.9	190.8	187.1	174.0	5
5.0	5.0	5.2	24.1	23.9	22.8	4.0	4.0	3.8	16.2	16.6	15.7	18.2	18.2	17.4	6
10.1	10.0	9.7	39.5	39.9	38.8	7.0	6.9	6.6	23.0	23.0	22.2	16.1	16.7	15.7	7
3.5	3.5	3.8	8.6	8.6	8.5	1.2	1.2	1.2	4.7	4.7	4.6	6.2	6.2	6.2	8
2.3	2.2	2.4	12.9	12.8	12.2	2.1	2.0	2.0	8.4	8.3	8.0	11.1	11.5	10.9	9
3.1	3.1	3.3	21.0	21.0	20.8	4.9	4.9	4.7	14.5	14.6	14.3	40.0	41.5	39.2	10
2.7	2.6	2.5	8.3	8.2	8.7	1.5	1.5	1.4	5.2	5.2	5.1	4.7	4.9	4.7	11
4.6	4.6	4.5	13.2	13.3	13.2	2.1	2.1	1.9	7.9	7.8	7.6	7.2	7.6	6.8	12
87.6	86.1	86.3	311.0	307.0	298.8	62.0	60.9	59.8	205.5	205.2	197.6	225.9	225.0	218.3	13
7.5	7.3	7.8	13.8	13.6	13.4	2.0	2.0	2.0	11.1	11.1	10.9	10.0	10.1	9.5	14
57.1	56.2	56.0	183.2	181.0	178.9	44.7	44.3	43.8	130.9	131.0	124.9	102.1	101.8	100.1	15
29.3	28.7	29.0	102.9	101.8	101.5	19.7	19.6	19.4	63.6	63.2	63.6	127.1	133.0	123.5	16
5.5	5.5	5.4	20.2	20.2	19.4	6.7	6.6	6.5	14.3	15.0	14.0	20.0	20.1	19.7	17
126.5	125.4	124.1	362.8	358.4	359.9	88.7	87.0	85.8	256.2	255.2	251.8	279.4	282.8	268.1	18
51.6	51.2	50.0	122.1	121.6	120.4	32.7	32.2	31.2	76.6	76.1	73.8	67.9	68.6	65.5	19
2.2	2.1	2.2	7.8	7.8	7.7	1.3	1.3	1.2	4.7	4.5	4.7	4.3	4.4	3.9	20
68.8	68.2	67.7	186.0	184.7	183.4	46.8	46.0	44.9	147.0	147.6	140.9	125.9	123.0	120.7	21
4.2	4.2	4.2	12.7	12.6	12.1	2.4	2.4	2.2	8.7	8.6	8.3	8.1	7.9	7.6	22
18.0	17.6	18.3	47.6	46.8	47.3	7.8	7.7	7.6	31.5	30.0	31.6	56.0	54.7	55.8	23
2.9	2.9	2.9	8.8	8.7	8.5	1.4	1.4	1.4	5.3	5.4	5.3	5.2	4.8	4.8	24
1.9	1.9	2.0	6.4	6.4	6.2	1.4	1.4	1.4	4.7	4.6	4.4	5.2	5.1	5.2	25
37.6	36.4	37.3	117.5	117.1	114.0	28.2	27.7	27.3	77.5	78.7	75.4	99.7	100.5	96.2	26
5.0	4.9	4.9	15.0	15.1	14.2	5.5	5.4	5.2	10.5	10.7	10.2	19.7	19.4	18.6	27
21.3	20.9	21.4	50.5	50.3	48.9	16.4	16.1	15.7	35.3	35.1	33.5	29.0	28.7	27.8	28
12.9	12.7	12.2	36.4	35.5	33.8	7.0	7.0	6.8	73.3	71.1	72.6	36.1	35.7	34.7	29
6.1	6.1	5.9	20.0	19.7	18.2	3.8	3.7	3.6	46.4	45.7	45.6	15.8	15.7	15.0	30
4.6	4.6	4.5	12.0	11.5	10.9	2.6	2.6	2.6	17.4	16.6	16.7	9.6	9.6	9.0	31
11.0	10.8	9.4	48.5	47.1	45.8	10.4	10.3	9.9	45.0	37.8	44.1	31.8	31.3	31.0	32
3.1	3.0	2.7	11.6	11.4	11.0	2.8	2.8	2.8	7.9	7.8	7.6	3.8	3.8	3.9	33
172.7	171.9	169.5	522.1	513.3	501.1	113.5	112.1	109.6	393.3	386.7	378.1	356.6	352.5	348.5	34
3.5	3.4	3.5	17.7	15.7	16.9	2.8	2.8	2.8	15.8	14.8	16.1	10.4	10.4	10.4	35
11.3	11.2	12.1	55.5	50.7	50.7	8.4	8.3	8.2	34.0	34.8	33.1	44.8	44.7	43.6	36
37.2	37.1	36.1	41.3	41.2	40.5	8.8	8.6	8.6	29.4	29.2	29.3	29.3	29.2	28.8	37
60.7	60.4	58.3	154.3	152.8	149.5	54.3	53.8	52.6	129.4	128.2	125.6	102.5	101.8	101.5	38
25.5	25.5	24.9	112.0	110.9	110.3	17.2	17.0	16.4	70.0	69.8	69.1	48.6	48.1	46.9	39
13.3	12.5	11.3	47.9	47.2	44.9	5.2	5.1	5.1	26.3	26.5	25.6	39.6	39.2	37.7	40
6.7	6.7	6.6	20.3	20.3	20.2	4.5	4.5	4.3	25.7	25.4	24.7	28.1	27.8	26.7	41
19.5	19.6	19.8	59.4	58.1	58.2	11.7	11.5	11.4	54.7	51.7	52.7	86.3	86.9	85.3	42
6.4	6.3	6.6	25.6	25.2	24.2	5.9	5.8	5.6	24.9	24.8	24.1	25.5	25.2	25.0	43
(*)	500.8	489.3	(*)	1,430.1	1,424.0	(*)	584.0	559.4	(*)	1,324.6	1,297.8	(*)	1,161.3	1,139.2	44
(*)	14.6	14.9	(*)	53.6	52.1	(*)	10.3	10.6	(*)	45.5	45.0	(*)	70.9	68.2	45
(*)	4.9	4.7	(*)	17.2	17.4	(*)	3.2	3.1	(*)	11.5	11.6	(*)	18.6	18.6	46
(*)	32.9	33.1	(*)	103.9	99.6	(*)	18.7	18.5	(*)	73.4	71.8	(*)	76.3	74.4	47
(*)	1.6	1.6	(*)	7.7	7.8	(*)	.9	.9	(*)	5.9	5.8	(*)	5.4	5.3	48
(*)	11.4	11.4	(*)	54.6	53.5	(*)	10.7	10.4	(*)	45.6	44.7	(*)	31.1	30.7	49
(*)	29.9	27.8	(*)	180.3	171.6	(*)	28.6	27.7	(*)	127.6	126.1	(*)	131.7	126.5	50
(*)	514.8	498.3	(*)	1,358.3	1,341.7	(*)	585.5	562.3	(*)	1,226.1	1,201.6	(*)	950.4	940.1	51
(*)	379.9	367.7	(*)	1,006.4	996.5	(*)	501.1	479.6	(*)	972.0	952.1	(*)	732.0	725.2	52
(*)	329.0	319.4	(*)	750.4	750.6	(*)	457.6	437.0	(*)	770.6	753.1	(*)	544.6	543.9	53
(*)	13.3	13.1	(*)	61.7	61.0	(*)	11.7	11.3	(*)	50.5	49.2	(*)	42.4	41.7	54
(*)	3.1	3.1	(*)	9.6	9.6	(*)	1.8	1.8	(*)	9.6	9.3	(*)	13.8	13.5	55
(*)	14.3	14.4	(*)	48.5	47.3	(*)	11.0	10.8	(*)	38.0	35.7	(*)	37.1	35.9	56
(*)	5.2	5.3	(*)	19.3	19.1	(*)	4.5	4.3	(*)	13.7	13.9	(*)	26.6	26.5	57
(*)	17.9	17.4	(*)	66.1	64.7	(*)	13.1	13.1	(*)	64.9	64.3	(*)	41.9	41.2	58

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
1	NORTH CAROLINA	1,691.3	1,670.5	1,649.5	3.7	3.6	3.6	99.9	94.2	94.9	697.1	684.7	687.9
2	Asheville	-	-	-	-	-	-	-	-	-	19.1	18.8	18.8
3	Charlotte	172.9	171.6	165.5	(1)	(1)	(1)	13.7	13.0	12.1	40.5	40.4	40.6
4	Greensboro-Winston-Salem-High Point	253.0	250.5	244.3	(1)	(1)	(1)	13.8	13.2	12.8	112.1	109.7	110.5
5	Raleigh	-	-	-	-	-	-	-	-	-	14.0	13.8	13.0
6	NORTH DAKOTA	157.5	155.2	156.5	2.0	1.9	1.9	9.5	8.1	9.7	8.8	8.5	9.1
7	Fargo-Moorhead	39.7	39.9	38.6	(1)	(1)	(1)	3.0	2.8	2.9	2.9	2.8	2.7
8	OHIO	3,931.2	3,882.7	3,802.5	20.3	19.9	19.7	193.4	183.7	170.8	1,467.4	1,453.0	1,448.0
9	Akron	249.4	247.5	241.1	.2	.2	.2	9.8	9.2	9.3	100.1	99.9	99.6
10	Canton	138.3	136.2	134.8	.3	.3	.3	5.8	5.5	5.7	63.3	62.3	63.5
11	Cincinnati	508.4	502.0	487.9	.4	.4	.4	24.0	23.3	19.7	174.6	171.1	170.8
12	Cleveland	872.6	862.8	855.0	1.5	1.5	1.5	41.5	39.9	38.9	313.5	311.4	316.9
13	Columbus	374.2	368.7	359.6	.8	.8	.8	21.6	20.3	19.4	91.8	92.0	89.6
14	Dayton	333.2	329.8	319.2	.5	.5	.5	13.4	12.5	10.3	133.6	132.1	128.8
15	Toledo	244.7	241.9	231.7	.3	.3	.3	12.3	11.6	8.0	84.3	83.9	81.8
16	Youngstown-Warren	198.8	196.6	193.3	.4	.4	.4	9.2	8.6	8.6	91.8	91.4	90.8
17	OKLAHOMA	750.8	742.8	735.9	40.4	39.2	41.6	36.4	33.9	36.5	126.9	124.6	122.7
18	Oklahoma City	247.2	243.8	238.8	6.8	6.8	6.9	13.0	12.3	12.3	34.8	34.0	32.9
19	Tulsa	177.1	176.3	174.8	13.1	13.2	13.7	9.3	8.8	8.7	42.7	42.6	42.8
20	OREGON	716.6	696.5	690.7	1.6	1.5	1.8	35.3	33.8	32.6	184.2	174.1	175.6
21	Eugene	69.6	68.2	66.3	(1)	(1)	(1)	3.9	3.6	3.5	19.1	18.9	19.0
22	Portland	382.4	374.6	365.6	(1)	(1)	(1)	20.3	19.4	18.5	92.4	88.4	87.5
23	Salem	54.5	50.8	51.7	(1)	(1)	(1)	2.7	2.6	2.7	11.7	8.3	10.6
24	PENNSYLVANIA	4,376.3	4,317.0	4,318.3	39.7	39.0	39.9	210.2	201.1	210.5	1,579.5	1,555.7	1,583.4
25	Allentown-Bethlehem-Easton	217.6	213.1	214.7	.5	.5	.5	8.8	8.3	9.5	108.5	106.3	107.4
26	Altoona	47.7	47.4	47.4	(1)	(1)	(1)	1.8	1.8	2.0	15.6	15.4	15.1
27	Erie	97.7	96.2	94.6	(1)	(1)	(1)	5.3	4.8	4.5	43.3	42.6	43.0
28	Harrisburg	174.1	171.4	167.9	(1)	(1)	(1)	11.0	10.4	8.8	39.2	38.6	39.9
29	Johnstown	79.6	78.0	80.0	4.9	4.7	5.1	4.0	3.7	3.7	25.9	25.4	26.7
30	Lancaster	119.0	116.9	116.3	(1)	(1)	(1)	6.4	6.1	6.3	57.1	55.9	55.7
31	Philadelphia	1,790.6	1,784.2	1,776.7	1.4	1.3	1.5	89.8	86.1	90.0	571.5	569.0	583.2
32	Pittsburgh	883.1	866.2	869.1	9.0	8.8	8.8	44.7	42.7	44.5	297.5	292.3	299.7
33	Reading	122.6	122.0	120.5	(1)	(1)	(1)	3.9	4.9	4.5	59.2	58.6	58.2
34	Scranton	86.6	85.6	86.8	.5	.5	.5	2.8	2.6	2.6	35.7	35.1	35.8
35	Wilkes-Barre-Hazleton	122.7	121.4	120.4	2.3	2.3	2.3	6.0	5.9	5.5	54.2	53.7	53.7
36	York	128.6	126.3	125.0	(1)	(1)	(1)	7.3	6.8	7.3	62.0	60.7	60.2
37	RHODE ISLAND	347.8	344.9	347.9	(1)	(1)	(1)	14.0	14.8	16.8	128.1	126.6	128.9
38	Providence-Pawtucket-Warwick	358.0	356.2	357.6	(1)	(1)	(1)	13.9	15.0	16.7	145.1	144.2	144.9
39	SOUTH CAROLINA	785.4	787.3	768.1	1.5	1.5	1.6	49.8	49.0	49.5	334.7	331.2	324.1
40	Charleston	87.2	86.4	84.9	(1)	(1)	(1)	5.3	5.0	5.7	16.6	16.3	15.2
41	Columbia	103.0	102.5	100.6	(1)	(1)	(1)	7.8	7.5	7.8	19.9	19.8	19.4
42	Greenville	120.5	121.0	118.8	(1)	(1)	(1)	10.3	10.2	10.6	56.2	55.8	55.0
43	SOUTH DAKOTA	175.3	170.6	172.4	2.3	2.2	2.4	10.1	9.0	9.1	16.3	15.9	16.3
44	Sioux Falls	34.5	33.5	33.3	(1)	(1)	(1)	2.2	1.7	1.6	6.3	6.1	6.2
45	TENNESSEE	1,309.3	1,303.2	1,283.7	7.2	7.3	7.1	71.6	70.1	68.7	467.8	466.1	460.6
46	Chattanooga	121.5	122.3	120.7	.2	.2	.2	4.7	4.6	5.8	52.4	51.6	50.8
47	Knoxville	148.8	148.5	144.4	1.8	1.8	1.8	7.8	7.8	6.8	49.2	48.8	48.5
48	Memphis	268.2	264.1	259.1	.2	.2	.2	14.5	13.8	14.6	61.9	61.0	59.7
49	Nashville	215.0	214.0	213.3	(1)	(1)	(1)	13.5	13.2	13.8	61.7	61.7	60.9
50	TEXAS	3,584.7	3,558.3	3,439.3	107.4	105.1	104.4	231.1	223.1	225.3	727.6	725.0	722.7
51	Amarillo	-	-	-	-	-	-	-	-	-	6.2	6.0	5.2
52	Austin	-	-	-	-	-	-	-	-	-	10.5	10.3	9.5
53	Beaumont-Port Arthur-Orange	-	-	-	-	-	-	-	-	-	36.6	36.0	35.0
54	Corpus Christi	-	-	-	-	-	-	-	-	-	11.3	11.1	10.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

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			
June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	
89.9	89.1	86.5	301.9	299.4	293.5	66.5	65.0	63.0	202.9	197.1	199.9	229.4	237.4	220.2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.6	18.5	17.9	44.2	43.9	42.5	11.9	11.8	11.0	24.7	24.2	23.6	19.3	19.8	17.8	3
14.8	14.7	13.9	44.3	43.8	43.1	11.8	11.6	11.7	29.5	28.8	27.3	26.7	28.7	25.0	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
12.7	12.3	12.5	43.7	42.9	42.9	6.8	6.7	6.8	28.3	28.1	28.2	45.8	46.8	45.5	6
3.3	3.2	3.2	12.2	12.1	12.0	2.2	2.2	2.3	7.6	8.0	7.2	8.6	8.8	8.3	7
226.2	222.8	219.1	758.4	751.0	729.9	153.8	151.3	148.2	555.0	547.7	526.0	556.7	553.2	540.7	8
14.7	14.6	14.7	48.7	48.2	46.3	6.9	6.8	6.4	32.4	32.4	31.8	36.7	36.1	32.8	9
7.3	7.1	6.9	25.5	25.2	24.4	4.7	4.6	4.4	18.4	18.1	17.7	13.1	13.0	11.9	10
35.6	35.2	34.8	106.0	105.2	101.7	25.4	24.8	25.1	75.1	74.4	72.1	67.2	67.4	63.4	11
52.9	52.0	51.0	181.4	178.8	173.6	41.2	40.6	40.0	133.4	131.9	127.8	107.4	106.6	105.3	12
20.6	20.4	20.1	76.8	76.0	73.6	24.1	23.6	23.0	59.5	58.8	56.5	79.0	76.9	76.6	13
12.6	12.4	12.2	58.5	58.4	56.1	9.4	9.2	8.9	45.8	45.5	44.3	59.4	59.3	58.1	14
18.1	17.7	17.3	50.4	49.9	48.9	7.9	7.7	7.5	37.7	37.3	35.9	33.7	33.6	31.9	15
10.5	10.4	10.0	35.8	35.2	34.3	5.5	5.4	5.2	26.6	26.2	24.9	19.1	19.1	19.0	16
53.2	52.4	52.4	165.6	162.6	161.8	35.7	35.1	34.6	109.1	108.2	105.2	183.5	186.8	181.1	17
16.3	16.1	15.8	53.9	53.3	52.3	15.5	15.3	14.5	36.6	36.1	35.2	70.3	69.9	68.9	18
16.6	16.5	16.4	39.9	39.5	39.4	8.9	8.8	8.6	29.2	29.0	27.8	17.4	17.9	17.4	19
49.8	49.2	49.8	157.8	155.7	152.5	34.3	33.8	33.2	109.1	106.7	104.5	144.5	141.7	140.7	20
4.1	4.1	4.1	13.1	13.1	12.8	2.9	2.9	2.8	9.5	9.5	8.7	17.0	16.1	15.4	21
30.9	30.5	30.4	91.4	90.1	88.2	23.4	23.1	22.9	64.3	63.4	60.0	59.7	59.7	58.1	22
1.8	1.8	1.8	10.7	10.6	10.2	3.1	3.1	3.0	7.2	7.1	6.8	17.3	17.3	16.6	23
272.8	270.3	271.6	815.8	804.1	794.6	184.9	182.6	181.0	667.6	657.7	650.5	605.8	606.5	586.8	24
12.0	11.7	11.7	35.1	34.6	34.8	6.6	6.4	6.3	26.6	26.2	25.6	19.5	19.1	18.9	25
7.8	7.8	8.1	8.5	8.4	8.1	1.2	1.2	1.2	6.9	6.9	6.9	5.9	5.9	6.0	26
5.6	5.4	5.4	16.4	16.4	16.3	3.4	3.3	3.2	12.6	12.5	12.3	11.1	11.2	9.9	27
13.0	12.9	12.7	32.9	32.5	31.6	8.3	8.2	8.0	25.5	25.0	23.9	44.2	43.8	43.0	28
5.2	5.2	5.2	13.0	12.9	13.6	2.0	2.0	2.0	12.4	11.9	11.8	12.2	12.2	11.9	29
5.5	5.5	5.4	20.9	20.6	20.9	2.7	2.7	2.6	16.4	16.0	16.0	10.0	10.1	9.4	30
110.0	109.9	110.3	360.7	360.0	352.8	98.1	96.8	95.9	301.5	302.4	292.4	257.6	258.7	250.6	31
58.8	58.2	59.0	170.4	166.3	167.8	37.9	37.8	36.5	158.1	155.3	150.5	106.7	104.8	102.3	32
6.4	6.4	6.4	19.1	18.8	18.5	4.8	4.7	4.5	16.5	16.0	16.3	12.7	12.6	12.1	33
5.2	5.2	5.4	16.9	16.6	17.0	2.5	2.5	2.6	13.6	13.8	13.4	9.4	9.3	9.5	34
6.6	6.5	6.7	20.1	19.9	19.9	4.2	4.2	3.7	14.1	13.8	13.8	15.2	15.1	14.8	35
5.6	5.6	5.5	22.3	22.2	21.8	2.9	2.8	2.7	15.0	14.9	14.4	13.5	13.3	13.1	36
16.0	15.6	13.8	67.2	66.4	65.9	15.1	14.9	15.0	54.5	54.2	54.8	52.9	52.4	52.7	37
15.4	15.0	13.4	67.1	66.4	66.5	15.2	15.0	14.9	52.8	52.6	53.1	48.5	48.0	48.1	38
34.4	34.1	33.2	130.3	129.6	127.6	27.3	27.2	26.3	77.4	76.9	77.0	130.0	137.8	128.8	39
5.2	5.3	5.4	16.5	16.5	16.4	3.4	3.3	3.3	9.5	9.4	9.6	30.7	30.6	29.3	40
6.5	6.5	6.2	20.9	20.5	20.4	6.1	6.0	5.7	13.3	13.2	12.9	28.5	29.0	28.2	41
4.5	4.5	4.5	19.5	19.6	19.9	4.5	4.5	4.4	11.8	11.8	11.8	13.7	14.6	12.6	42
10.2	10.2	10.5	46.5	45.5	45.4	7.3	7.2	7.3	31.8	30.8	30.3	50.8	49.8	51.1	43
3.0	3.0	3.1	9.6	9.5	9.6	2.5	2.4	2.0	6.5	6.4	6.2	4.5	4.4	4.6	44
64.4	64.0	63.8	246.4	245.0	244.3	53.2	52.5	52.5	173.3	171.9	169.8	225.4	226.3	216.9	45
6.1	6.2	6.4	22.1	22.1	21.9	7.0	7.0	6.8	14.7	14.4	14.5	14.3	16.2	14.3	46
6.6	6.6	6.3	31.1	30.8	30.7	4.9	4.9	4.7	19.5	19.5	18.7	27.9	28.3	26.8	47
20.0	19.9	19.3	67.0	66.2	65.3	13.9	13.7	13.7	43.8	43.1	40.5	46.9	46.2	45.8	48
12.9	12.6	12.5	46.5	45.6	46.5	13.3	13.1	12.8	34.8	35.1	34.4	32.3	32.7	32.4	49
265.3	262.4	251.1	838.3	828.4	801.9	186.3	182.2	175.1	572.0	558.2	531.4	656.7	673.9	627.4	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
1	TEXAS (continued)												
2	Dallas	613.3	607.1	588.8	8.2	8.0	8.1	36.1	34.6	33.0	171.3	168.6	164.6
3	El Paso	-	-	-	-	-	-	-	-	-	(*)	(*)	20.4
4	Fort Worth	-	-	-	-	-	-	-	-	-	83.6	89.9	92.1
5	Galveston-Texas City	-	-	-	-	-	-	-	-	-	11.2	10.7	11.0
6	Houston	722.9	716.7	695.9	28.6	28.1	27.5	64.2	61.1	66.2	142.5	140.5	139.2
7	Lubbock	-	-	-	-	-	-	-	-	-	6.9	7.0	6.3
8	San Antonio	250.4	249.8	248.9	1.5	1.5	1.5	15.4	14.9	16.5	31.2	31.0	29.7
9	Waco	-	-	-	-	-	-	-	-	-	13.2	12.9	13.6
	Wichita Falls	-	-	-	-	-	-	-	-	-	4.3	4.1	4.0
10	UTAH	349.6	346.9	342.1	12.7	12.5	12.1	13.1	12.4	15.1	54.1	52.9	52.6
11	Salt Lake City	184.1	181.7	178.1	7.6	7.4	7.3	8.1	7.6	8.1	28.7	28.7	28.8
12	VERMONT	146.3	143.0	141.3	1.1	1.0	1.1	10.8	10.1	9.8	44.5	43.9	44.5
13	Burlington ¹¹	37.1	36.1	34.8	-	-	-	-	-	-	11.1	10.9	10.5
14	Springfield ¹¹	13.6	13.4	13.9	-	-	-	-	-	-	6.7	6.7	7.1
15	VIRGINIA ⁴	1,431.2	1,415.3	1,394.7	14.1	14.0	14.0	103.0	98.3	98.0	365.0	361.8	360.9
16	Lynchburg	50.2	49.7	49.2	(1)	(1)	(1)	2.8	2.5	2.8	23.2	23.0	22.8
17	Newport News-Hampton	95.5	94.0	94.9	(1)	(1)	(1)	5.3	4.9	4.8	26.8	26.6	28.6
18	Norfolk-Portsmouth	194.7	193.1	193.9	(1)	(1)	(1)	13.3	12.8	13.3	20.4	20.0	20.3
19	Richmond	226.7	225.3	220.8	.2	.2	.2	16.0	15.4	15.3	51.6	51.3	50.2
20	Roanoke	79.7	78.6	77.0	.1	.1	.1	5.2	5.0	5.1	19.0	18.6	18.5
21	WASHINGTON	(*)	1,118.3	1,111.9	(*)	1.5	1.7	(*)	56.7	61.1	(*)	280.7	287.6
22	Seattle-Everett	(*)	564.7	556.2	(*)	(1)	(1)	(*)	31.3	30.6	(*)	163.6	170.4
23	Spokane	(*)	87.8	86.4	(*)	(1)	(1)	(*)	4.7	4.2	(*)	13.2	13.5
24	Tacoma	(*)	108.6	108.2	(*)	(1)	(1)	(*)	6.1	6.4	(*)	20.6	21.5
25	WEST VIRGINIA	512.8	512.0	514.6	47.3	47.1	47.5	26.8	26.5	26.8	132.5	132.2	134.7
26	Charleston	82.6	82.1	84.2	3.6	3.5	3.5	3.9	3.7	2.7	18.3	18.1	21.4
27	Huntington-Ashland	80.6	80.5	82.3	.7	.7	.7	4.3	4.3	4.5	25.8	25.5	26.4
28	Wheeling	59.2	58.6	57.7	4.3	4.3	3.8	6.1	5.8	4.3	15.4	15.4	16.6
29	WISCONSIN	1,526.6	1,497.6	1,486.6	2.9	2.6	2.9	74.3	69.3	71.3	516.4	501.0	512.8
30	Green Bay	52.2	51.2	50.8	(1)	(1)	(1)	2.6	2.6	2.2	16.4	15.6	16.4
31	Kenosha	33.4	33.3	33.8	(1)	(1)	(1)	1.2	1.2	1.4	15.3	15.2	16.0
32	La Crosse	29.6	29.5	28.5	(1)	(1)	(1)	1.3	1.2	1.3	8.9	8.6	8.6
33	Madison	117.3	117.0	114.8	(1)	(1)	(1)	7.5	6.9	7.1	16.3	16.0	15.7
34	Milwaukee	568.7	563.7	562.3	(1)	(1)	(1)	24.1	23.3	24.8	211.3	210.0	213.1
35	Racine	55.3	54.9	54.5	(1)	(1)	(1)	2.1	1.8	2.0	25.0	25.3	25.3
36	WYOMING	113.1	105.5	108.3	11.3	10.9	10.7	6.9	6.5	7.4	6.7	6.5	6.5
37	Casper	19.7	19.2	18.6	3.4	3.2	3.1	1.7	1.7	1.4	1.5	1.5	1.3
38	Cheyenne	18.9	18.2	19.0	(1)	(1)	(1)	1.4	1.4	1.4	1.1	1.1	1.1

¹ Combined with services.

² Initial inclusion in this publication. (See area definition on opposite page.)

³ Combined with construction.

⁴ Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.

⁵ Subarea of Washington Standard Metropolitan Statistical Area.

⁶ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.

⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁸ Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁹ Subarea of Rochester Standard Metropolitan Statistical Area.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.

* Not available.

NOTE: Data for the current month are 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			
June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	
48.9	47.6	47.5	158.5	155.7	153.2	48.7	47.7	46.5	83.1	83.2	82.3	58.4	61.8	53.5	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
66.3	65.2	62.5	177.8	175.5	170.6	37.0	36.7	35.7	129.2	125.3	119.6	77.3	84.3	74.6	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.3	11.2	10.6	61.9	61.4	60.7	15.7	15.6	15.1	43.5	42.7	44.8	69.9	71.5	70.0	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.7	23.3	23.9	78.3	77.2	74.5	13.9	13.7	13.5	54.0	54.8	50.7	99.8	100.2	99.7	10
15.8	15.5	15.1	48.5	47.9	46.4	10.4	10.2	10.1	30.1	29.7	28.8	34.9	34.7	33.4	11
7.9	7.8	7.1	27.1	26.8	25.8	5.1	5.1	5.0	25.9	24.4	24.7	24.2	24.1	23.5	12
1.8	1.7	1.7	7.5	7.6	6.9	-	-	-	7.0	6.7	6.5	-	-	-	13
.8	.8	.8	2.0	2.0	1.9	-	-	-	1.7	1.6	1.6	-	-	-	14
96.6	95.4	94.9	285.6	283.1	278.0	65.2	64.1	62.2	206.7	204.4	201.0	295.0	294.2	285.7	15
2.4	2.4	2.4	8.3	8.2	7.9	1.9	1.9	1.9	6.0	6.1	6.1	5.6	5.6	5.3	16
4.6	4.4	4.3	15.9	15.5	14.7	2.8	2.8	2.6	11.2	11.1	10.8	28.9	28.7	29.1	17
16.1	16.1	16.2	45.5	45.3	44.6	8.7	8.6	8.6	28.1	28.0	28.2	62.6	62.3	62.7	18
18.2	18.1	17.8	50.4	50.3	49.3	17.7	17.7	17.1	32.3	32.2	31.9	40.3	40.1	39.0	19
10.5	10.4	10.4	18.9	18.5	17.7	3.9	3.9	3.8	12.4	12.3	12.2	9.7	9.8	9.2	20
(*)	72.5	72.9	(*)	242.4	236.0	(*)	57.9	55.8	(*)	166.8	162.0	(*)	239.8	234.8	21
(*)	40.3	39.9	(*)	122.8	116.7	(*)	35.4	34.0	(*)	81.2	78.4	(*)	90.1	86.2	22
(*)	7.4	7.5	(*)	22.7	22.6	(*)	5.0	4.8	(*)	17.7	17.3	(*)	17.1	16.5	23
(*)	6.5	6.7	(*)	24.5	23.1	(*)	6.0	5.7	(*)	18.2	17.4	(*)	26.7	27.4	24
41.9	41.3	41.5	91.5	91.4	90.2	15.3	15.1	14.9	62.9	63.4	62.8	94.5	94.9	96.1	25
9.2	9.1	8.6	18.5	18.4	18.5	4.1	4.0	3.8	11.6	11.8	11.4	13.5	13.6	14.3	26
8.1	8.0	8.2	17.0	16.9	17.0	2.8	2.8	2.7	10.1	10.2	10.0	11.9	12.1	12.8	27
3.5	3.5	3.6	12.6	12.5	12.3	2.1	2.1	2.1	8.6	8.6	8.6	6.6	6.6	6.5	28
80.3	80.1	78.3	319.9	317.2	310.5	59.7	58.8	57.1	218.9	215.7	209.2	254.2	252.9	244.6	29
4.4	4.2	4.4	12.8	12.8	12.6	1.3	1.3	1.3	7.9	7.9	7.6	6.7	6.7	6.2	30
1.3	1.3	1.3	6.2	6.0	5.9	.7	.7	.7	4.6	4.7	4.6	4.1	4.2	3.9	31
2.3	2.2	2.2	6.6	6.8	6.6	.6	.6	.6	5.8	5.7	5.4	4.2	4.3	3.9	32
4.8	4.8	4.9	22.8	22.9	22.1	6.3	6.2	6.1	16.5	16.3	15.8	42.9	43.8	43.1	33
31.1	31.0	30.8	118.5	117.5	116.0	28.1	27.7	27.0	83.2	83.1	81.0	72.5	71.1	69.5	34
2.3	2.3	2.2	9.8	9.6	9.5	1.4	1.4	1.4	7.7	7.6	7.4	7.0	6.9	6.7	35
10.9	10.5	10.6	23.9	22.3	23.9	3.6	3.6	3.5	18.3	14.7	16.9	31.5	30.5	28.7	36
1.4	1.4	1.4	4.5	4.3	4.3	.9	.9	.8	2.5	2.5	2.7	3.8	3.7	3.6	37
2.7	2.5	2.7	3.7	3.7	4.0	.9	.9	1.0	3.4	3.0	3.3	5.7	5.6	5.5	38

New area definition:

Salinas-Monterey, California.....Monterey County.

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 weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
		Total private ¹			Manufacturing			Durable goods			Nondurable goods		
1947.....		\$45.58	40.3	\$1.131	\$49.17	40.4	\$1.217	\$51.76	40.5	\$1.278	\$46.03	40.2	\$1.145
1948.....		49.00	40.0	1.225	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....		50.24	39.4	1.275	53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....		53.13	39.8	1.335	58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....		57.86	39.9	1.45	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....		60.65	39.9	1.52	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....		63.76	39.6	1.61	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....		64.52	39.1	1.65	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....		67.72	39.6	1.71	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....		70.74	39.3	1.80	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....		73.33	38.8	1.89	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....		75.08	38.5	1.95	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....		78.78	39.0	2.02	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....		80.67	38.6	2.09	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....		82.60	38.6	2.14	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....		85.91	38.7	2.22	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....		88.46	38.8	2.28	99.63	40.5	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1964.....		91.33	38.7	2.36	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....		95.06	38.8	2.45	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1966.....		98.82	38.6	2.56	112.34	41.3	2.72	122.09	42.1	2.90	98.49	40.2	2.45
1967.....		101.84	38.0	2.68	114.90	40.6	2.83	123.60	41.2	3.00	102.03	39.7	2.57
1968.....		107.73	37.8	2.85	122.51	40.7	3.01	132.07	41.4	3.19	109.05	39.8	2.74
1968: July.....		108.87	38.2	2.85	122.10	40.7	3.00	131.02	41.2	3.18	110.00	40.0	2.75
August.....		109.16	38.3	2.85	121.69	40.7	2.99	130.29	41.1	3.17	110.55	40.2	2.75
September.....		110.49	38.1	2.90	125.25	41.2	3.04	135.01	41.8	3.23	112.03	40.3	2.78
October.....		110.29	37.9	2.91	125.77	41.1	3.06	135.43	41.8	3.24	111.88	40.1	2.79
November.....		109.50	37.5	2.92	125.97	40.9	3.08	136.36	41.7	3.27	111.72	39.9	2.80
December.....		110.38	37.8	2.92	127.82	41.1	3.11	137.61	41.7	3.30	113.08	40.1	2.82
1969: January.....		110.25	37.5	2.94	126.05	40.4	3.12	136.04	41.1	3.31	111.50	39.4	2.83
February.....		110.11	37.2	2.96	124.80	40.0	3.12	135.05	40.8	3.31	110.48	38.9	2.84
March.....		111.67	37.6	2.97	127.39	40.7	3.13	137.45	41.4	3.32	113.15	39.7	2.85
April.....		111.75	37.5	2.98	127.58	40.5	3.15	137.20	41.2	3.33	113.08	39.4	2.87
May.....		113.48	37.7	3.01	128.61	40.7	3.16	138.69	41.4	3.35	114.34	39.7	2.88
June.....		114.76	38.0	3.02	129.65	40.9	3.17	139.78	41.6	3.36	115.31	39.9	2.89
July.....		115.44	38.1	3.03	128.79	40.5	3.18	138.10	41.1	3.36	115.82	39.8	2.91
Year and month		Mining			Contract construction			Wholesale and retail trade			Finance, insurance, and real estate		
1947.....		\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140
1948.....		65.56	39.4	1.664	65.27	38.1	1.713	40.80	40.4	1.010	45.48	37.9	1.200
1949.....		62.33	36.3	1.717	67.56	37.7	1.792	42.93	40.5	1.060	47.63	37.8	1.260
1950.....		67.16	37.9	1.772	69.68	37.4	1.863	44.55	40.5	1.100	50.52	37.7	1.340
1951.....		74.11	38.4	1.93	76.96	38.1	2.02	47.79	40.5	1.18	54.67	37.7	1.45
1952.....		77.59	38.6	2.01	82.86	38.9	2.13	49.20	40.0	1.23	57.08	37.8	1.51
1953.....		83.03	38.8	2.14	86.41	37.9	2.28	51.35	39.5	1.30	59.57	37.7	1.58
1954.....		82.60	38.6	2.14	88.91	37.2	2.39	53.33	39.5	1.35	62.04	37.6	1.65
1955.....		89.54	40.7	2.20	90.90	37.1	2.45	55.16	39.4	1.40	63.92	37.6	1.70
1956.....		95.06	40.8	2.33	96.38	37.5	2.57	57.48	39.1	1.47	65.68	36.9	1.78
1957.....		98.65	40.1	2.46	100.27	37.0	2.71	59.60	38.7	1.54	67.53	36.7	1.84
1958.....		96.08	38.9	2.47	103.78	36.8	2.82	61.76	38.6	1.60	70.12	37.1	1.89
1959.....		103.68	40.5	2.56	108.41	37.0	2.93	64.41	38.8	1.66	72.74	37.3	1.95
1960.....		105.44	40.4	2.61	113.04	36.7	3.08	66.01	38.6	1.71	75.14	37.2	2.02
1961.....		106.92	40.5	2.64	118.08	36.9	3.20	67.41	38.3	1.76	77.12	36.9	2.09
1962.....		110.43	40.9	2.70	122.47	37.0	3.31	69.91	38.2	1.83	80.94	37.3	2.17
1963.....		114.40	41.6	2.75	127.19	37.3	3.41	72.01	38.1	1.89	84.38	37.5	2.25
1964.....		117.74	41.9	2.81	132.06	37.2	3.55	74.28	37.9	1.96	85.79	37.3	2.30
1965.....		123.52	42.3	2.92	138.38	37.4	3.70	76.53	37.7	2.03	88.91	37.2	2.39
1966.....		130.24	42.7	3.05	146.26	37.6	3.89	79.02	37.1	2.13	92.13	37.3	2.47
1967.....		135.89	42.6	3.19	154.95	37.7	4.11	81.76	36.5	2.24	95.46	37.0	2.58
1968.....		143.05	42.7	3.35	164.56	37.4	4.40	86.40	36.0	2.40	101.75	37.0	2.75
1968: July.....		145.62	43.6	3.34	168.30	38.6	4.36	88.56	36.9	2.40	102.40	37.1	2.76
August.....		144.62	43.3	3.34	170.72	38.8	4.40	88.80	37.0	2.40	102.40	37.1	2.76
September.....		146.45	43.2	3.39	173.76	38.7	4.49	88.08	36.1	2.44	103.23	37.0	2.79
October.....		138.86	41.7	3.33	173.57	38.4	4.52	87.11	35.7	2.44	103.51	37.1	2.79
November.....		148.52	42.8	3.47	159.35	35.1	4.54	87.33	35.5	2.46	103.69	36.9	2.81
December.....		151.12	43.3	3.49	168.81	37.1	4.55	87.96	35.9	2.45	104.99	37.1	2.83
1969: January.....		150.15	42.9	3.50	168.09	36.7	4.58	88.40	35.5	2.49	106.76	37.2	2.87
February.....		149.60	42.5	3.52	166.90	36.6	4.56	88.60	35.3	2.51	107.59	37.1	2.90
March.....		148.54	42.2	3.52	171.86	37.2	4.62	88.85	35.4	2.51	107.22	37.1	2.89
April.....		154.78	43.6	3.55	174.46	37.6	4.64	88.96	35.3	2.52	106.85	37.1	2.88
May.....		155.30	43.5	3.57	179.92	38.2	4.71	89.92	35.4	2.54	107.30	37.0	2.90
June.....		150.17	42.3	3.55	181.42	38.6	4.70	91.55	35.9	2.55	108.33	37.1	2.92
July.....		150.10	42.4	3.54	183.05	38.7	4.73	93.08	36.5	2.55	107.38	36.9	2.91

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

NOTE: Data include Alaska and Hawaii beginning 1959. Data for the 2 most recent months are 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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	TOTAL PRIVATE	\$115.44	\$114.76	\$113.48	\$108.87	\$108.20	\$3.03	\$3.02	\$3.01	\$2.85	\$2.84
	MINING	150.10	150.17	155.30	145.62	144.52	3.54	3.55	3.57	3.34	3.33
10	METAL MINING	-	157.54	158.56	151.40	151.30	-	3.63	3.62	3.41	3.40
101	Iron ores	-	151.32	151.42	145.43	145.61	-	3.62	3.64	3.39	3.41
102	Copper ores	-	171.68	172.28	168.08	166.91	-	3.70	3.65	3.48	3.47
11,12	COAL MINING	-	141.75	166.84	156.11	156.15	-	4.05	4.14	3.78	3.79
12	Bituminous coal and lignite mining	-	143.21	169.29	157.70	158.53	-	4.08	4.18	3.80	3.82
13	OIL AND GAS EXTRACTION	-	150.23	148.92	138.35	136.21	-	3.43	3.40	3.21	3.19
131,2	Crude petroleum and natural gas fields	-	147.65	145.60	137.16	138.31	-	3.61	3.56	3.37	3.39
138	Oil and gas field services	-	151.72	151.27	139.02	134.64	-	3.32	3.31	3.11	3.06
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	152.38	151.13	142.60	140.75	-	3.27	3.25	3.06	3.04
142	Crushed and broken stone	-	156.33	153.76	144.83	142.59	-	3.23	3.21	2.98	2.94
	CONTRACT CONSTRUCTION	183.05	181.42	179.92	168.30	165.50	4.73	4.70	4.71	4.36	4.31
15	GENERAL BUILDING CONTRACTORS	-	166.70	165.80	154.61	152.67	-	4.53	4.53	4.19	4.16
16	HEAVY CONSTRUCTION CONTRACTORS	-	188.76	186.14	178.76	172.40	-	4.40	4.39	4.10	4.00
161	Highway and street construction	-	181.88	178.49	180.50	169.94	-	4.22	4.19	4.02	3.88
162	Heavy construction, n.e.c.	-	194.68	192.43	177.66	175.54	-	4.57	4.56	4.20	4.14
17	SPECIAL TRADE CONTRACTORS	-	187.13	185.63	171.86	169.92	-	4.99	4.99	4.62	4.58
171	Plumbing, heating, air conditioning	-	199.68	199.68	180.78	181.12	-	5.12	5.12	4.72	4.68
172	Painting, paper hanging, decorating	-	167.29	168.37	155.09	150.88	-	4.66	4.69	4.32	4.25
173	Electrical work	-	223.67	222.46	200.07	197.88	-	5.55	5.52	5.13	5.10
174	Masonry, stonework, and plastering	-	169.13	165.87	158.75	155.11	-	4.86	4.85	4.51	4.47
176	Roofing and sheetmetal work	-	153.47	151.11	146.16	139.09	-	4.36	4.38	4.06	4.02
	MANUFACTURING	128.79	129.65	128.61	122.10	123.30	3.18	3.17	3.16	3.00	3.00
19,24,25, 32-39	DURABLE GOODS	138.10	139.78	138.69	131.02	132.92	3.36	3.36	3.35	3.18	3.18
20-23,26-31	NONDURABLE GOODS	115.82	115.31	114.34	110.00	109.47	2.91	2.89	2.88	2.75	2.73
	Durable Goods										
19	ORDNANCE AND ACCESSORIES	140.42	141.11	138.85	132.02	134.78	3.45	3.45	3.42	3.22	3.24
192	Ammunition, except for small arms	136.80	137.42	134.86	128.79	132.02	3.42	3.41	3.38	3.18	3.22
1925	Complete guided missiles	-	166.69	164.19	152.77	152.48	-	3.95	3.90	3.69	3.71
1929	Ammunition, exc. for small arms, nec	-	121.13	117.73	114.11	118.90	-	3.09	3.05	2.86	2.90
24	LUMBER AND WOOD PRODUCTS	108.94	110.30	109.08	105.41	106.97	2.71	2.71	2.68	2.59	2.59
242	Sawmills and planing mills	104.26	105.56	104.49	101.43	102.18	2.60	2.60	2.58	2.48	2.48
2421	Sawmills and planing mills, general	-	108.27	107.46	105.22	105.73	-	2.68	2.66	2.56	2.56
243	Millwork, plywood & related products	115.26	116.57	115.87	111.79	113.15	2.86	2.85	2.84	2.72	2.72
2431	Millwork	-	114.69	112.58	106.67	109.88	-	2.86	2.85	2.66	2.68
2432	Veneer and plywood	-	117.03	117.04	115.50	116.05	-	2.82	2.80	2.75	2.75
244	Wooden containers	92.11	92.39	91.30	89.02	86.58	2.28	2.27	2.26	2.22	2.17
2441,2	Wooden boxes, shooks, and crates	-	90.39	89.32	86.80	84.96	-	2.21	2.20	2.17	2.14
249	Miscellaneous wood products	98.01	100.12	99.53	93.09	93.66	2.42	2.45	2.41	2.31	2.29
25	FURNITURE AND FIXTURES	105.44	106.75	105.04	99.14	101.52	2.61	2.61	2.60	2.46	2.47
251	Household furniture	98.40	99.88	98.65	93.20	95.47	2.46	2.46	2.46	2.33	2.34
2511	Wood household furniture	-	96.05	94.71	89.35	90.89	-	2.32	2.31	2.19	2.19
2512	Upholstered household furniture	-	105.74	103.09	96.97	102.47	-	2.65	2.65	2.48	2.53
2515	Mattresses and bedsprings	-	108.27	104.79	103.34	103.57	-	2.70	2.68	2.59	2.57
252	Office furniture	-	125.54	125.24	117.60	118.85	-	2.94	2.94	2.80	2.79
254	Partitions and fixtures	-	133.66	131.11	125.05	127.19	-	3.19	3.19	3.05	3.05
253,9	Other furniture and fixtures	111.04	113.24	109.73	103.02	107.74	2.79	2.81	2.75	2.55	2.59
32	STONE, CLAY, AND GLASS PRODUCTS	133.98	134.41	134.41	126.30	127.20	3.19	3.17	3.17	3.00	3.00
321	Flat glass	-	179.17	178.85	156.11	164.78	-	4.10	4.14	3.78	3.85
322	Glass and glassware, pressed or blown	130.94	132.36	133.42	125.56	126.68	3.29	3.26	3.27	3.07	3.06
3221	Glass containers	-	137.09	139.26	132.70	133.98	-	3.36	3.38	3.19	3.19
3229	Pressed and blown glass, n.e.c.	-	125.64	124.31	114.91	115.83	-	3.11	3.10	2.88	2.86
324	Cement, hydraulic	154.87	151.79	148.10	148.19	146.02	3.61	3.58	3.56	3.52	3.51
325	Structural clay products	110.16	110.15	109.75	105.37	105.06	2.70	2.68	2.69	2.57	2.55
3251	Brick and structural clay tile	-	105.75	105.66	101.82	101.64	-	2.53	2.54	2.43	2.42
326	Pottery and related products	-	112.97	114.00	108.36	110.09	-	2.86	2.85	2.80	2.78
327	Concrete, gypsum, and plaster products	144.70	144.45	144.13	138.16	136.65	3.23	3.21	3.21	3.01	3.01
328,9	Other stone and nonmetallic mineral products	132.39	132.61	133.46	122.40	124.80	3.19	3.18	3.17	3.00	3.00
3291	Abrasive products	-	130.28	132.40	122.49	122.80	-	3.29	3.31	3.07	3.07

See footnotes at end of table. NOTE: Data for the 2 most recent months are 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 hours					Average overtime hours				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
-	TOTAL PRIVATE	38.1	38.0	37.7	38.2	38.1					
-	MINING	42.4	42.3	43.5	43.6	43.4					
10	METAL MINING	-	43.4	43.8	44.4	44.5					
101	Iron ores	-	41.8	41.6	42.9	42.7					
102	Copper ores	-	46.4	47.2	48.3	48.1					
11,12	COAL MINING	-	35.0	40.3	41.3	41.2					
12	Bituminous coal and lignite mining . .	-	35.1	40.5	41.5	41.5					
13	OIL AND GAS EXTRACTION	-	43.8	43.8	43.1	42.7					
131,2	Crude petroleum and natural gas fields	-	40.9	40.9	40.7	40.8					
138	Oil and gas field services	-	45.7	45.7	44.7	44.0					
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	46.6	46.5	46.6	46.3					
142	Crushed and broken stone	-	48.4	47.9	48.6	48.5					
-	CONTRACT CONSTRUCTION	38.7	38.6	38.2	38.6	38.4					
15	GENERAL BUILDING CONTRACTORS . .	-	36.8	36.6	36.9	36.7					
16	HEAVY CONSTRUCTION CONTRACTORS .	-	42.9	42.4	43.6	43.1					
161	Highway and street construction . .	-	43.1	42.6	44.9	43.8					
162	Heavy construction, n e c	-	42.6	42.2	42.3	42.4					
17	SPECIAL TRADE CONTRACTORS	-	37.5	37.2	37.2	37.1					
171	Plumbing, heating, air conditioning .	-	39.0	39.0	38.3	38.7					
172	Painting, paper hanging, decorating .	-	35.9	35.9	35.9	35.5					
173	Electrical work	-	40.3	40.3	39.0	38.8					
174	Masonry, stonework, and plastering .	-	34.8	34.2	35.2	34.7					
176	Roofing and sheet metal work	-	35.2	34.5	36.0	34.6					
-	MANUFACTURING	40.5	40.9	40.7	40.7	41.1	3.5	3.7	3.6	3.5	3.7
19,24,25, 32-39	DURABLE GOODS	41.1	41.6	41.4	41.2	41.8	3.5	3.9	3.7	3.6	3.9
20-23,26-31	NONDURABLE GOODS	39.8	39.9	39.7	40.0	40.1	3.3	3.4	3.3	3.4	3.4
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	40.7	40.9	40.6	41.0	41.6		2.7	2.5	3.2	3.7
192	Ammunition; except for small arms . .	40.0	40.3	39.9	40.5	41.0		2.3	2.1	3.1	3.5
1925	Complete guided missiles	-	42.2	42.1	41.4	41.1		-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	39.2	38.6	39.9	41.0		-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.2	40.7	40.7	40.7	41.3		4.0	4.1	4.0	4.2
242	Sawmills and planing mills	40.1	40.6	40.5	40.9	41.2		4.0	4.2	4.3	4.4
2421	Sawmills and planing mills, general	-	40.4	40.4	41.1	41.3					
243	Millwork, plywood & related products.	40.3	40.9	40.8	41.1	41.6		3.7	3.8	4.0	4.4
2431	Millwork	-	40.1	39.5	40.1	41.0		-	-	-	-
2432	Veneer and plywood	-	41.5	41.8	42.0	42.2		-	-	-	-
244	Wooden containers	40.4	40.7	40.4	40.1	39.9		3.8	3.8	3.2	3.4
2441,2	Wooden boxes, shooks, and crates . .	-	40.9	40.6	40.0	39.7					
249	Miscellaneous wood products	40.5	41.2	41.3	40.3	40.9		4.4	4.2	3.5	3.7
25	FURNITURE AND FIXTURES	40.4	40.9	40.4	40.3	41.1		3.6	3.3	3.1	3.6
251	Household furniture	40.0	40.6	40.1	40.0	40.8		3.3	3.0	2.8	3.3
2511	Wood household furniture	-	41.4	41.0	40.8	41.5		-	-	-	-
2512	Upholstered household furniture . .	-	39.9	38.9	39.1	40.5		-	-	-	-
2515	Mattresses and bedsprings	-	40.1	39.1	39.9	40.3		-	-	-	-
252	Office furniture	-	42.7	42.6	42.0	42.6		5.0	5.0	4.4	4.7
254	Partitions and fixtures	-	41.9	41.1	41.0	41.7		4.5	3.9	3.9	4.0
253,9	Other furniture and fixtures	39.8	40.3	39.9	40.4	41.6		3.2	2.9	3.3	4.1
32	STONE, CLAY, AND GLASS PRODUCTS .	42.0	42.4	42.4	42.1	42.4		4.9	4.9	4.6	4.8
321	Flat glass	-	43.7	43.2	41.3	42.8		4.4	4.3	4.3	5.3
322	Glass and glassware, pressed or blown	39.8	40.6	40.8	40.9	41.4		4.4	4.5	4.6	4.8
3221	Glass containers	-	40.8	41.2	41.6	42.0		-	-	-	-
3229	Pressed and blown glass, n e c . . .	-	40.4	40.1	39.9	40.5		-	-	-	-
324	Cement, hydraulic	42.9	42.4	41.6	42.1	41.6		3.1	2.9	2.9	2.7
325	Structural clay products	40.8	41.1	40.8	41.0	41.2		4.2	4.2	4.0	3.9
3251	Brick and structural clay tile	-	41.8	41.6	41.9	42.0		-	-	-	-
326	Pottery and related products	-	39.5	40.0	38.7	39.6		2.6	2.7	2.3	2.4
327	Concrete, gypsum and plaster products	44.8	45.0	44.9	45.9	45.4		7.2	7.1	7.3	7.3
328,9	Other stone and nonmetallic mineral products	41.5	41.7	42.1	40.8	41.6		4.2	4.3	3.1	3.7
3291	Abrasive products	-	39.6	40.0	39.9	40.0		-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	\$156.83	\$158.72	\$157.13	\$148.75	\$149.67	\$3.77	\$3.77	\$3.75	\$3.55	\$3.53
331	Blast furnace and basic steel products ..	(*)	165.98	165.17	157.13	157.41	(*)	3.99	3.98	3.75	3.73
3312	Blast furnaces and steel mills	-	167.67	166.85	159.60	159.14	-	4.05	4.04	3.80	3.78
332	Iron and steel foundries	145.38	148.19	147.84	137.52	140.25	3.52	3.52	3.52	3.29	3.30
3321	Gray iron foundries	-	147.84	148.33	139.50	142.76	-	3.52	3.54	3.29	3.32
3322	Malleable iron foundries	-	148.83	148.06	134.46	138.65	-	3.63	3.62	3.37	3.39
3323	Steel foundries	-	148.52	147.74	133.58	135.43	-	3.47	3.46	3.25	3.24
333,4	Nonferrous metals	152.70	152.93	148.68	143.65	140.70	3.61	3.59	3.54	3.38	3.35
3334	Primary aluminum	-	165.23	161.82	155.74	155.80	-	4.03	3.89	3.78	3.60
335	Nonferrous rolling and drawing	152.44	155.73	152.50	142.19	144.86	3.57	3.58	3.53	3.33	3.33
3351	Copper rolling and drawing	-	160.56	159.48	147.90	151.51	-	3.60	3.60	3.40	3.42
3352	Aluminum rolling and drawing	-	159.71	153.58	147.27	148.82	-	3.68	3.58	3.37	3.39
3357	Nonferrous wire drawing and insulating ..	-	150.07	148.52	136.54	139.85	-	3.49	3.47	3.29	3.26
336	Nonferrous foundries	134.87	137.12	135.88	125.83	129.27	3.33	3.32	3.29	3.13	3.13
3361	Aluminum castings	-	140.08	139.33	127.66	132.61	-	3.40	3.39	3.16	3.18
3362,9	Other nonferrous castings	-	134.46	132.39	124.31	125.56	-	3.24	3.19	3.10	3.07
339	Miscellaneous primary metal products ...	166.76	169.58	167.53	156.79	156.61	3.98	3.99	3.97	3.76	3.72
3391	Iron and steel forgings	-	175.55	174.71	161.90	160.63	-	4.16	4.14	3.92	3.88
34	FABRICATED METAL PRODUCTS	137.45	139.86	138.03	130.41	132.62	3.32	3.33	3.31	3.15	3.15
341	Metal cans	172.87	166.66	169.02	170.57	164.25	3.85	3.84	3.85	3.70	3.65
342	Cutlery, hand tools, and hardware	127.84	129.74	129.92	122.82	124.94	3.18	3.18	3.20	3.04	3.04
3421,3,5	Cutlery and hand tools, incl. saws	-	126.28	129.07	118.26	119.89	-	3.08	3.11	2.92	2.91
3429	Hardware, n e c	-	131.95	130.73	125.33	128.33	-	3.25	3.26	3.11	3.13
343	Plumbing and heating, except electric ...	125.86	129.58	125.76	117.38	120.18	3.10	3.13	3.09	2.92	2.96
3431,2	Sanitary ware & plumbers' brass goods ..	-	131.33	129.90	118.26	122.70	-	3.18	3.13	2.92	3.00
3433	Heating equipment, except electric	-	127.51	122.09	116.51	117.68	-	3.08	3.06	2.92	2.92
344	Fabricated structural metal products	135.29	136.92	134.96	126.38	128.13	3.26	3.26	3.26	3.09	3.08
3441	Fabricated structural steel	-	136.18	133.16	129.89	130.09	-	3.25	3.24	3.10	3.09
3442	Metal doors, sash, and trim	-	115.36	113.81	105.32	110.43	-	2.80	2.81	2.68	2.70
3443	Fabricated plate work (boiler shops) ..	-	146.70	146.28	132.60	136.27	-	3.46	3.45	3.25	3.26
3444	Sheet metal work	-	145.12	142.96	130.73	132.89	-	3.48	3.47	3.22	3.21
3446,9	Architectural and misc. metal work ...	-	132.49	131.99	126.77	124.42	-	3.11	3.15	3.04	3.02
345	Screw machine products, bolts, etc.	141.62	146.83	145.73	133.34	134.90	3.34	3.36	3.35	3.13	3.13
3451	Screw machine products	-	141.70	139.96	126.72	127.80	-	3.28	3.27	3.01	3.00
3452	Bolts, nuts, rivets, and washers	-	151.61	151.16	139.32	141.70	-	3.43	3.42	3.24	3.25
346	Metal stampings	152.72	158.36	152.04	145.39	150.95	3.68	3.70	3.62	3.47	3.47
347	Metal services, n e c	120.18	121.95	121.77	112.44	113.12	2.96	2.96	2.97	2.79	2.80
348	Misc. fabricated wire products	120.60	122.70	122.70	117.26	119.26	3.00	3.00	3.00	2.86	2.86
349	Misc. fabricated metal products	132.57	134.92	133.86	126.79	128.52	3.21	3.22	3.21	3.07	3.06
3494,8	Valves, pipe, and pipe fittings	-	137.99	136.83	127.82	130.62	-	3.27	3.25	3.11	3.11
35	MACHINERY, EXCEPT ELECTRICAL	149.10	152.44	151.66	139.70	141.37	3.55	3.57	3.56	3.35	3.35
351	Engines and turbines	155.90	158.65	160.61	151.06	151.84	3.84	3.86	3.87	3.64	3.65
3511	Steam engines and turbines	-	157.17	163.07	153.03	159.00	-	3.90	3.92	3.76	3.75
3519	Internal combustion engines, n e c	-	158.98	159.78	150.48	149.09	-	3.84	3.85	3.60	3.61
352	Farm machinery	-	138.40	138.05	132.33	129.68	-	3.46	3.46	3.35	3.25
353	Construction and related machinery	148.12	151.36	149.80	140.78	141.71	3.51	3.52	3.50	3.36	3.35
3531,2	Construction and mining machinery	-	154.94	152.64	143.66	145.67	-	3.62	3.60	3.47	3.46
3533	Oil field machinery	-	140.81	143.12	132.60	134.28	-	3.29	3.29	3.12	3.13
3535,6	Conveyors, hoists, cranes, monorails ..	-	152.86	150.77	146.73	143.88	-	3.49	3.45	3.35	3.30
3537	Industrial trucks and tractors	-	145.15	145.06	129.38	128.13	-	3.36	3.35	3.11	3.11
354	Metal working machinery	168.73	172.27	171.83	157.11	159.07	3.87	3.88	3.87	3.62	3.64
3541	Machine tools, metal cutting types	-	167.64	167.20	149.25	152.14	-	3.81	3.80	3.52	3.53
3544	Special dies, tools, jigs & fixtures ..	-	193.16	190.99	177.18	180.52	-	4.19	4.17	3.92	3.95
3545	Machine tool accessories	-	150.23	152.72	143.19	140.68	-	3.56	3.56	3.33	3.31
3542,8	Misc. metal working machinery	-	155.88	156.24	139.18	140.53	-	3.60	3.60	3.37	3.37
355	Special industry machinery	140.10	143.19	142.86	133.24	134.62	3.32	3.33	3.33	3.18	3.16
3551	Food products machinery	-	149.88	149.88	138.51	140.38	-	3.51	3.51	3.29	3.28
3552	Textile machinery	-	120.70	119.57	111.11	112.05	-	2.82	2.82	2.71	2.70
3555	Printing trades machinery	-	154.01	153.44	143.87	146.12	-	3.59	3.56	3.45	3.43
356	General industrial machinery	148.04	150.94	150.17	137.37	139.44	3.55	3.56	3.55	3.31	3.32
3561	Pumps and compressors	-	144.48	143.72	133.76	136.75	-	3.44	3.43	3.20	3.21
3562	Ball and roller bearings	-	155.24	154.40	145.78	142.54	-	3.67	3.65	3.43	3.41
3564	Blowers and fans	-	137.99	140.25	129.56	131.46	-	3.27	3.30	3.16	3.13
3566	Power transmission equipment	-	154.07	152.93	135.14	138.36	-	3.55	3.54	3.28	3.31
357	Office and computing machines	150.23	152.46	151.62	135.46	136.95	3.62	3.63	3.61	3.32	3.30
3573	Electronic computing equipment	-	152.64	150.65	137.52	138.65	-	3.60	3.57	3.29	3.27
358	Service industry machines	132.02	136.08	131.93	118.11	122.31	3.22	3.24	3.21	2.99	3.02
3585	Refrigeration machinery	-	140.25	134.88	117.81	124.44	-	3.30	3.25	2.99	3.05
359	Misc. machinery, except electrical	145.95	147.49	147.74	135.04	138.46	3.41	3.43	3.42	3.20	3.22

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	41.6	42.1	41.9	41.9	42.4	-	4.2	4.1	4.2	4.3
331	Blast furnace and basic steel products . .	(*)	41.6	41.5	41.9	42.2	-	3.4	3.3	3.9	3.7
3312	Blast furnaces and steel mills	-	41.4	41.3	42.0	42.1	-	-	-	-	-
332	Iron and steel foundries	41.3	42.1	42.0	41.8	42.5	-	4.8	4.8	5.0	5.1
3321	Gray iron foundries	-	42.0	41.9	42.4	43.0	-	-	-	-	-
3322	Malleable iron foundries	-	41.0	40.9	39.9	40.9	-	-	-	-	-
3323	Steel foundries	-	42.8	42.7	41.1	41.8	-	-	-	-	-
333,4	Nonferrous metals	42.3	42.6	42.0	42.5	42.0	-	4.6	4.4	4.2	4.2
3334	Primary aluminum	-	41.0	41.6	41.2	41.0	-	-	-	-	-
335	Nonferrous rolling and drawing	42.7	43.5	43.2	42.7	43.5	-	5.8	5.5	4.7	5.1
3351	Copper rolling and drawing	-	44.6	44.3	43.5	44.3	-	-	-	-	-
3352	Aluminum rolling and drawing	-	43.4	42.9	43.7	43.9	-	-	-	-	-
3357	Nonferrous wire drawing and insulating . .	-	43.0	42.8	41.5	42.9	-	-	-	-	-
336	Nonferrous foundries	40.5	41.3	41.3	40.2	41.3	-	4.2	4.0	3.5	4.0
3361	Aluminum castings	-	41.2	41.1	40.4	41.7	-	-	-	-	-
3362,9	Other nonferrous castings	-	41.5	41.5	40.1	40.9	-	-	-	-	-
339	Miscellaneous primary metal products . .	41.9	42.5	42.2	41.7	42.1	-	5.2	5.0	4.6	4.9
3391	Iron and steel forgings	-	42.2	42.2	41.3	41.4	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.4	42.0	41.7	41.4	42.1	-	4.5	4.2	4.0	4.3
341	Metal cans	44.9	43.4	43.9	46.1	45.0	-	4.7	5.1	6.5	5.7
342	Cutlery, hand tools, and hardware	40.2	40.8	40.6	40.4	41.1	-	3.1	3.2	2.7	3.1
3421,3,5	Cutlery and hand tools, incl. saws . . .	-	41.0	41.5	40.5	41.2	-	-	-	-	-
3429	Hardware, n e c	-	40.6	40.1	40.3	41.0	-	-	-	-	-
343	Plumbing and heating, except electric . .	40.6	41.4	40.7	40.2	40.6	-	3.7	3.4	2.5	3.0
3431,2	Sanitary ware & plumbers' brass goods . .	-	41.3	41.5	40.5	40.9	-	-	-	-	-
3433	Heating equipment, except electric . . .	-	41.4	39.9	39.9	40.3	-	-	-	-	-
344	Fabricated structural metal products . . .	41.5	42.0	41.4	40.9	41.6	-	4.1	3.9	3.6	3.6
3441	Fabricated structural steel	-	41.9	41.1	41.9	42.1	-	-	-	-	-
3442	Metal doors, sash, and trim	-	41.2	40.5	39.3	40.9	-	-	-	-	-
3443	Fabricated plate work (boiler shops) . . .	-	42.4	42.4	40.8	41.8	-	-	-	-	-
3444	Sheet metal work	-	41.7	41.2	40.6	41.4	-	-	-	-	-
3446,9	Architectural and misc. metal work . . .	-	42.6	41.9	41.7	41.2	-	-	-	-	-
345	Screw machine products, bolts, etc. . . .	42.4	43.7	43.5	42.6	43.1	-	6.2	6.0	4.9	5.3
3451	Screw machine products	-	43.2	42.8	42.1	42.6	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	44.2	44.2	43.0	43.6	-	-	-	-	-
346	Metal stampings	41.5	42.8	42.0	41.9	43.5	-	5.5	4.5	5.0	5.9
347	Metal services, n e c	40.6	41.2	41.0	40.3	40.4	-	4.6	4.4	3.8	3.8
348	Misc. fabricated wire products	40.2	40.9	40.9	41.0	41.7	-	3.9	3.9	3.8	4.0
349	Misc. fabricated metal products	41.3	41.9	41.7	41.3	42.0	-	4.2	4.1	3.6	4.0
3494,8	Valves, pipe, and pipe fittings	-	42.2	42.1	41.1	42.0	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	42.0	42.7	42.6	41.7	42.2	-	4.5	4.5	3.7	4.0
351	Engines and turbines	40.6	41.1	41.5	41.5	41.6	-	3.9	4.6	3.9	4.3
3511	Steam engines and turbines	-	40.3	41.6	40.7	42.4	-	-	-	-	-
3519	Internal combustion engines, n e c . . .	-	41.4	41.5	41.8	41.3	-	-	-	-	-
352	Farm machinery	-	40.0	39.9	39.5	39.9	-	2.3	2.3	2.2	2.1
353	Construction and related machinery . . .	42.2	43.0	42.8	41.9	42.3	-	4.4	4.3	3.8	4.1
3531,2	Construction and mining machinery . . .	-	42.8	42.4	41.4	42.1	-	-	-	-	-
3533	Oil field machinery	-	42.8	43.5	42.5	42.9	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails . .	-	43.8	43.7	43.8	43.6	-	-	-	-	-
3537	Industrial trucks and tractors	-	43.2	43.3	41.6	41.2	-	-	-	-	-
354	Metal working machinery	43.6	44.4	44.4	43.4	43.7	-	6.0	6.0	4.9	5.5
3541	Machine tools, metal cutting types . . .	-	44.0	44.0	42.4	43.1	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures . . .	-	46.1	45.8	45.2	45.7	-	-	-	-	-
3545	Machine tool accessories	-	42.2	42.9	43.0	42.5	-	-	-	-	-
3542,8	Misc. metal working machinery	-	43.3	43.4	41.3	41.7	-	-	-	-	-
355	Special industry machinery	42.2	43.0	42.9	41.9	42.6	-	4.9	4.8	3.9	4.3
3551	Food products machinery	-	42.7	42.7	42.1	42.8	-	-	-	-	-
3552	Textile machinery	-	42.8	42.4	41.0	41.5	-	-	-	-	-
3555	Printing trades machinery	-	42.9	43.1	41.7	42.6	-	-	-	-	-
356	General industrial machinery	41.7	42.4	42.3	41.5	42.0	-	4.3	4.2	3.5	3.6
3561	Pumps and compressors	-	42.0	41.9	41.8	42.6	-	-	-	-	-
3562	Ball and roller bearings	-	42.3	42.3	42.5	41.8	-	-	-	-	-
3564	Blowers and fans	-	42.2	42.5	41.0	42.0	-	-	-	-	-
3566	Power transmission equipment	-	43.4	43.2	41.2	41.8	-	-	-	-	-
357	Office and computing machines	41.5	42.0	42.0	40.8	41.5	-	3.5	3.4	2.0	2.5
3573	Electronic computing equipment	-	42.4	42.2	41.8	42.4	-	-	-	-	-
358	Service industry machines	41.0	42.0	41.1	39.5	40.5	-	3.5	3.3	2.6	2.6
3585	Refrigeration machinery	-	42.5	41.5	39.4	40.8	-	-	-	-	-
359	Misc. machinery, except electrical	42.8	43.0	43.2	42.2	43.0	-	5.4	5.2	4.8	5.1

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$124.53	\$125.36	\$124.34	\$116.11	\$118.15	\$3.09	\$3.08	\$3.07	\$2.91	\$2.91
361	Electric test & distributing equipment...	133.40	134.50	132.48	124.64	126.27	3.23	3.21	3.20	3.04	3.05
3611	Electric measuring instruments	-	117.97	117.86	114.65	113.27	-	2.92	2.91	2.81	2.79
3612	Transformers	-	137.28	132.66	128.96	128.34	-	3.23	3.22	3.10	3.10
3613	Switchgear and switchboard apparatus...	-	144.75	143.48	129.65	134.40	-	3.39	3.40	3.17	3.20
362	Electrical industrial apparatus	135.34	134.27	133.54	123.93	123.82	3.23	3.22	3.21	3.03	3.02
3621	Motors and generators	-	135.11	134.69	125.66	125.25	-	3.24	3.23	3.05	3.04
3622	Industrial controls	-	131.75	130.82	117.60	119.36	-	3.19	3.16	2.94	2.94
363	Household appliances	133.25	132.84	132.76	125.60	128.64	3.29	3.28	3.27	3.14	3.13
3632	Household refrigerators and freezers...	-	146.16	146.26	135.94	139.67	-	3.60	3.55	3.39	3.39
3633	Household laundry equipment	-	140.70	136.86	130.54	134.40	-	3.44	3.43	3.28	3.27
3634	Electric housewares and fans	-	106.40	105.87	98.94	101.75	-	2.68	2.66	2.55	2.55
364	Electric lighting and wiring equipment...	116.69	116.98	115.49	108.35	111.10	2.91	2.91	2.88	2.75	2.75
3641	Electric lamps	-	115.02	113.94	108.08	110.68	-	2.89	2.87	2.75	2.76
3642	Lighting fixtures	-	117.91	114.56	108.81	112.12	-	2.97	2.93	2.79	2.81
3643,4	Wiring devices	-	117.22	116.97	108.26	110.84	-	2.88	2.86	2.72	2.71
365	Radio and TV receiving equipment	103.83	104.64	102.26	95.48	96.22	2.69	2.69	2.67	2.48	2.48
366	Communication equipment	139.60	141.25	140.35	129.44	131.75	3.43	3.42	3.39	3.22	3.19
3661	Telephone and telegraph apparatus	-	147.35	145.17	126.10	128.56	-	3.50	3.44	3.25	3.19
3662	Radio and TV communication equipment...	-	138.24	137.83	130.56	133.34	-	3.38	3.37	3.20	3.19
367	Electronic components and accessories...	105.45	106.66	105.60	99.71	101.24	2.69	2.68	2.66	2.55	2.55
3671-3	Electron tubes	-	117.20	113.94	108.70	109.14	-	2.93	2.87	2.78	2.77
3674,9	Other electronic components	-	104.01	103.36	97.75	99.50	-	2.62	2.61	2.50	2.50
369	Misc. electrical equipment & supplies...	137.16	138.02	137.76	127.52	129.92	3.37	3.35	3.36	3.18	3.20
3694	Engine electrical equipment	-	143.44	144.02	132.33	135.41	-	3.49	3.53	3.35	3.36
37	TRANSPORTATION EQUIPMENT	158.24	160.58	158.18	152.52	155.55	3.85	3.86	3.83	3.64	3.66
371	Motor vehicles and equipment	(*)	170.10	166.03	163.24	168.35	(*)	4.05	4.02	3.85	3.87
3711	Motor vehicles	-	172.22	169.74	165.06	171.39	-	4.14	4.09	3.93	3.94
3712	Passenger car bodies	-	184.47	184.02	164.83	165.65	-	4.31	4.34	4.04	4.06
3713	Truck and bus bodies	-	128.05	127.66	132.75	133.31	-	3.25	3.24	3.23	3.22
3714	Motor vehicle parts and accessories...	-	173.42	167.28	167.57	173.16	-	4.09	4.07	3.87	3.90
3715	Truck trailers	-	127.75	125.82	120.88	120.72	-	3.02	3.01	2.97	2.93
372	Aircraft and parts	159.42	158.18	158.53	150.72	150.72	3.86	3.83	3.82	3.58	3.58
3721	Aircraft	-	158.21	159.74	151.01	150.72	-	3.84	3.84	3.57	3.58
3722	Aircraft engines and engine parts	-	155.90	156.67	149.19	148.10	-	3.84	3.84	3.63	3.63
3723,9	Other aircraft parts and equipment	-	159.85	158.20	151.59	153.64	-	3.77	3.74	3.55	3.54
373	Ship and boat building and repairing	146.26	147.20	144.67	133.20	137.35	3.55	3.53	3.52	3.33	3.35
3731	Ship building and repairing	-	158.34	154.16	141.55	145.14	-	3.77	3.76	3.53	3.54
3732	Boat building and repairing	-	113.70	115.92	106.00	110.02	-	2.78	2.80	2.65	2.69
374	Railroad equipment	-	157.06	156.53	139.04	139.48	-	3.84	3.79	3.52	3.54
375,9	Other transportation equipment	-	117.56	116.00	112.20	112.61	-	2.91	2.90	2.75	2.76
38	INSTRUMENTS AND RELATED PRODUCTS ..	127.08	128.74	127.39	119.39	120.88	3.13	3.14	3.13	2.97	2.97
381	Engineering & scientific instruments	-	147.84	146.50	136.45	137.03	-	3.52	3.53	3.32	3.31
382	Mechanical measuring & control devices...	125.64	127.39	126.36	115.63	117.89	3.11	3.13	3.12	2.92	2.94
3821	Mechanical measuring devices	-	129.88	129.15	117.12	120.39	-	3.16	3.15	2.95	2.98
3822	Automatic temperature controls	-	124.31	122.89	113.47	114.73	-	3.10	3.08	2.88	2.89
383,5	Optical and ophthalmic goods	118.70	120.88	120.47	110.09	112.06	2.96	2.97	2.96	2.78	2.76
385	Ophthalmic goods	-	109.87	110.02	98.67	102.11	-	2.74	2.73	2.53	2.54
384	Medical instruments and supplies	108.53	109.62	109.34	101.91	103.60	2.72	2.72	2.72	2.58	2.59
386	Photographic equipment and supplies	(*)	153.55	149.82	144.50	144.93	(*)	3.63	3.61	3.40	3.41
387	Watches, clocks, and watchcases	-	100.10	99.45	90.52	95.69	-	2.56	2.55	2.44	2.46
39	MISC. MANUFACTURING INDUSTRIES	102.43	103.49	102.96	96.36	99.00	2.64	2.64	2.64	2.49	2.50
391	Jewelry, silverware, and plated ware	109.82	113.87	113.68	106.92	112.59	2.86	2.89	2.90	2.77	2.78
394	Toys and sporting goods	-	91.15	90.20	86.26	88.98	-	2.38	2.38	2.27	2.27
3941-3	Games, toys, dolls & play vehicles	-	86.18	84.82	81.97	84.37	-	2.28	2.28	2.18	2.18
3949	Sporting and athletic goods, n e c	-	97.64	97.39	92.49	96.40	-	2.51	2.51	2.39	2.41
395	Pens, pencils, office and art supplies	-	103.36	104.92	96.29	96.53	-	2.61	2.61	2.45	2.45
396	Costume jewelry and notions	-	95.50	95.80	88.32	93.30	-	2.43	2.45	2.30	2.35
393,8,9	Other manufacturing industries	112.97	113.83	111.50	104.15	105.60	2.86	2.86	2.83	2.65	2.66
393	Musical instruments and parts	-	111.60	109.02	103.88	106.40	-	2.79	2.76	2.65	2.66
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	121.42	119.95	119.77	115.51	115.08	2.94	2.94	2.95	2.79	2.80
201	Meat products	128.33	126.48	126.07	124.07	122.72	3.07	3.07	3.09	2.94	2.95
2011	Meat packing plants	-	150.42	148.99	147.06	145.95	-	3.59	3.59	3.42	3.41
2013	Sausages and other prepared meats	-	140.97	138.99	137.01	132.89	-	3.43	3.39	3.27	3.21
2015	Poultry dressing plants	-	80.80	79.40	78.53	75.45	-	2.02	2.01	1.92	1.91

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES ..	40.3	40.7	40.5	39.9	40.6	-	2.9	2.8	2.3	2.6
361	Electric test & distributing equipment ..	41.3	41.9	41.4	41.0	41.4	-	3.5	3.1	2.9	2.9
3611	Electric measuring instruments	-	40.4	40.5	40.8	40.6	-	-	-	-	-
3612	Transformers	-	42.5	41.2	41.6	41.4	-	-	-	-	-
3613	Switchgear and switchboard apparatus ..	-	42.7	42.2	40.9	42.0	-	-	-	-	-
362	Electrical industrial apparatus	41.9	41.7	41.6	40.9	41.0	-	4.0	3.9	2.9	3.0
3621	Motors and generators	-	41.7	41.7	41.2	41.2	-	-	-	-	-
3622	Industrial controls	-	41.3	41.4	40.0	40.6	-	-	-	-	-
363	Household appliances	40.5	40.5	40.6	40.0	41.1	-	2.8	2.8	2.6	3.0
3632	Household refrigerators and freezers ..	-	40.6	41.2	40.1	41.2	-	-	-	-	-
3633	Household laundry equipment	-	40.9	39.9	39.8	41.1	-	-	-	-	-
3634	Electric housewares and fans	-	39.7	39.8	38.8	39.9	-	-	-	-	-
364	Electric lighting and wiring equipment ..	40.1	40.2	40.1	39.4	40.4	-	2.7	2.6	2.1	2.5
3641	Electric lamps	-	39.8	39.7	39.3	40.1	-	-	-	-	-
3642	Lighting fixtures	-	39.7	39.1	39.0	39.9	-	-	-	-	-
3643,4	Wiring devices	-	40.7	40.9	39.8	40.9	-	-	-	-	-
365	Radio and TV receiving equipment	38.6	38.9	38.3	38.5	38.8	-	1.8	1.4	1.4	1.4
366	Communication equipment	40.7	41.3	41.4	40.2	41.3	-	3.1	3.0	2.3	2.7
3661	Telephone and telegraph apparatus	-	42.1	42.2	38.8	40.3	-	-	-	-	-
3662	Radio and TV communication equipment ..	-	40.9	40.9	40.8	41.8	-	-	-	-	-
367	Electronic components and accessories ..	39.2	39.8	39.7	39.1	39.7	-	2.4	2.2	2.0	2.2
3671-3	Electron tubes	-	40.0	39.7	39.1	39.4	-	-	-	-	-
3674,9	Other electronic components	-	39.7	39.6	39.1	39.8	-	-	-	-	-
369	Misc. electrical equipment & supplies ..	40.7	41.2	41.0	40.1	40.6	-	3.3	3.1	2.3	2.9
3694	Engine electrical equipment	-	41.1	40.8	39.5	40.3	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	41.1	41.6	41.3	41.9	42.5	-	3.8	3.6	4.3	4.8
371	Motor vehicles and equipment	(*)	42.0	41.3	42.4	43.5	-	4.5	4.1	5.1	6.1
3711	Motor vehicles	-	41.6	41.5	42.0	43.5	-	-	-	-	-
3712	Passenger car bodies	-	42.8	42.4	40.8	40.8	-	-	-	-	-
3713	Truck and bus bodies	-	39.4	39.4	41.1	41.4	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	42.4	41.1	41.3	44.4	-	-	-	-	-
3715	Truck trailers	-	42.3	41.8	40.7	41.2	-	-	-	-	-
372	Aircraft and parts	41.3	41.3	41.5	42.1	42.1	-	2.7	3.0	3.8	3.8
3721	Aircraft	-	41.2	41.6	42.3	42.1	-	-	-	-	-
3722	Aircraft engines and engine parts	-	40.6	40.8	41.1	40.8	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	42.4	42.3	42.7	43.4	-	-	-	-	-
373	Ship and boat building and repairing	41.2	41.7	41.1	40.0	41.0	-	4.2	3.7	3.1	3.8
3731	Ship building and repairing	-	42.0	41.0	40.1	41.0	-	-	-	-	-
3732	Boat building and repairing	-	40.9	41.4	40.0	40.9	-	-	-	-	-
374	Railroad equipment	-	40.9	41.3	39.5	39.4	-	4.2	3.2	1.7	2.0
375,9	Other transportation equipment	-	40.4	40.0	40.8	40.8	-	3.3	3.1	3.5	3.5
38	INSTRUMENTS AND RELATED PRODUCTS ..	40.6	41.0	40.7	40.2	40.7	-	3.1	2.9	2.3	2.5
381	Engineering & scientific instruments	-	42.0	41.5	41.1	41.4	-	4.0	3.2	2.6	2.6
382	Mechanical measuring & control devices ..	40.4	40.7	40.5	39.6	40.1	-	3.2	3.0	2.1	2.4
3821	Mechanical measuring devices	-	41.1	41.0	39.7	40.4	-	-	-	-	-
3822	Automatic temperature controls	-	40.1	39.9	39.4	39.7	-	-	-	-	-
383,5	Optical and ophthalmic goods	40.1	40.7	40.7	39.6	40.6	-	2.8	2.8	1.6	2.3
385	Ophthalmic goods	-	40.1	40.3	39.0	40.2	-	2.5	2.7	1.6	2.3
384	Medical instruments and supplies	39.9	40.3	40.2	39.5	40.0	-	2.5	2.4	1.9	2.2
386	Photographic equipment and supplies	(*)	42.3	41.5	42.5	42.5	-	3.4	3.2	3.5	3.5
387	Watches, clocks, and watch cases	-	39.1	39.0	37.1	38.9	-	2.1	2.2	1.2	1.5
39	MISC. MANUFACTURING INDUSTRIES ...	38.8	39.2	39.0	38.7	39.6	-	2.7	2.4	2.0	2.5
391	Jewelry, silverware, and plated ware	38.4	39.4	39.2	38.6	40.5	-	2.8	2.5	1.9	2.7
394	Toys and sporting goods	-	38.3	37.9	38.0	39.2	-	2.1	2.0	2.1	2.5
3941-3	Games, toys, dolls, & play vehicles	-	37.8	37.2	37.6	38.7	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	38.9	38.8	38.7	40.0	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	39.6	40.2	39.3	39.4	-	2.6	2.1	1.6	2.0
396	Costume jewelry and notions	-	39.3	39.1	38.4	39.7	-	2.9	2.8	1.6	3.0
393,8,9	Other manufacturing industries	-	39.8	39.4	39.3	39.7	-	3.1	2.7	2.2	2.5
393	Musical instruments and parts	-	40.0	39.5	39.2	40.0	-	2.7	2.1	1.4	2.1
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	41.3	40.8	40.6	41.4	41.1	-	4.2	4.0	4.5	4.4
201	Meat products	41.8	41.2	40.8	42.2	41.6	-	4.6	4.4	5.0	4.8
2011	Meat packing plants	-	41.9	41.5	43.0	42.8	-	-	-	-	-
2013	Sausages and other prepared meats	-	41.1	41.0	41.9	41.4	-	-	-	-	-
2015	Poultry dressing plants	-	40.0	39.5	40.9	39.5	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	\$131.33	\$128.05	\$125.40	\$121.84	\$120.84	\$3.04	\$3.02	\$3.00	\$2.84	\$2.83
2024	Ice cream and frozen desserts	-	121.25	120.72	120.98	119.28	-	2.95	2.93	2.86	2.84
2026	Fluid milk	-	135.56	132.93	128.60	127.28	-	3.16	3.15	2.97	2.96
203	Canned, cured, and frozen foods	-	95.38	97.66	92.04	91.06	-	2.51	2.53	2.36	2.39
2031,6	Canned, cured, and frozen sea foods ..	-	79.81	84.94	82.60	79.42	-	2.30	2.34	2.14	2.17
2032,3	Canned food, except sea foods	-	100.61	104.28	94.53	96.61	-	2.62	2.64	2.43	2.49
2037	Frozen fruits and vegetables	-	91.65	90.32	87.53	82.73	-	2.35	2.34	2.25	2.23
204	Grain mill products	135.74	134.85	134.85	130.87	128.37	3.03	2.99	3.01	2.87	2.84
2041	Flour and other grain mill products ..	-	137.87	137.10	137.59	131.62	-	3.03	3.04	2.94	2.88
2042	Prepared feeds for animals and fowls ..	-	121.64	122.21	119.92	116.72	-	2.65	2.68	2.53	2.51
205	Bakery products	122.10	120.80	118.50	114.21	113.96	3.00	2.99	2.97	2.82	2.80
2051	Bread, cake, and related products	-	122.72	120.40	115.59	114.90	-	3.03	3.01	2.84	2.83
2052	Cookies and crackers	-	115.54	112.86	108.26	109.75	-	2.86	2.85	2.72	2.69
206	Sugar	-	124.97	127.60	127.58	124.97	-	3.18	3.19	3.15	3.14
207	Confectionery and related products	101.92	101.53	101.00	96.72	98.89	2.60	2.59	2.57	2.48	2.46
2071	Confectionery products	-	97.39	97.36	93.27	96.00	-	2.51	2.49	2.41	2.40
208	Beverages	139.36	137.69	134.46	134.27	134.05	3.35	3.35	3.37	3.22	3.23
2082	Malt liquors	-	190.89	180.96	174.29	176.82	-	4.46	4.35	4.22	4.20
2086	Bottled and canned soft drinks	-	108.00	102.03	105.72	103.74	-	2.59	2.57	2.47	2.47
209	Misc. foods and kindred products	121.96	120.80	119.94	115.64	115.78	2.89	2.89	2.89	2.76	2.75
21	TOBACCO MANUFACTURES	105.71	112.00	103.02	98.89	102.31	2.76	2.80	2.74	2.63	2.63
211	Cigarettes	-	135.20	121.48	117.50	119.87	-	3.25	3.18	3.06	3.05
212	Cigars	-	78.25	75.60	74.37	77.37	-	2.07	2.06	2.01	2.02
22	TEXTILE MILL PRODUCTS	96.52	95.63	94.07	88.97	90.69	2.36	2.31	2.30	2.17	2.18
221	Weaving mills, cotton	97.34	94.21	92.62	87.31	87.54	2.38	2.27	2.27	2.14	2.13
222	Weaving mills, synthetics	107.31	100.62	99.68	96.80	95.26	2.45	2.34	2.34	2.21	2.20
223	Weaving and finishing mills, wool	102.12	101.15	103.25	97.16	99.64	2.42	2.38	2.39	2.27	2.28
224	Narrow fabric mills	97.00	95.45	93.89	88.75	89.86	2.36	2.30	2.29	2.17	2.16
225	Knitting mills	86.91	87.98	86.46	82.71	84.16	2.24	2.25	2.24	2.11	2.12
2251	Women's hosiery, except socks	-	87.91	85.91	81.59	83.39	-	2.22	2.22	2.05	2.09
2252	Hosiery, n e c	-	76.70	75.28	72.15	73.91	-	2.04	2.04	1.95	1.95
2253	Knit outerwear mills	-	88.50	88.60	84.36	87.19	-	2.36	2.35	2.22	2.23
2254	Knit underwear mills	-	80.47	78.45	79.20	78.60	-	2.09	2.07	2.00	2.00
226	Textile finishing, except wool	102.66	105.11	102.97	95.40	99.53	2.51	2.45	2.44	2.31	2.32
227	Floor covering mills	-	101.91	99.17	95.85	97.22	-	2.37	2.35	2.25	2.24
228	Yarn and thread mills	88.91	87.97	88.17	84.66	85.46	2.19	2.13	2.14	2.04	2.03
229	Miscellaneous textile goods	113.42	111.89	108.97	99.12	103.94	2.65	2.59	2.57	2.40	2.44
23	APPAREL AND OTHER TEXTILE PRODUCTS ..	82.70	83.49	82.67	79.06	80.30	2.31	2.30	2.29	2.19	2.20
231	Men's and boys' suits and coats	104.53	106.60	103.79	94.86	99.68	2.78	2.82	2.71	2.55	2.63
232	Men's and boys' furnishings	71.91	72.69	72.10	70.48	71.62	1.97	1.97	1.97	1.91	1.92
2321	Men's and boys' shirts and nightwear ..	-	70.64	69.87	69.73	70.12	-	1.93	1.93	1.90	1.89
2327	Men's and boys' separate trousers	-	73.85	73.68	70.88	72.58	-	1.98	1.97	1.88	1.91
2328	Men's and boys' work clothing	-	72.36	72.17	68.61	70.87	-	1.94	1.94	1.89	1.90
233	Women's and misses' outerwear	85.50	84.87	84.04	81.98	81.42	2.50	2.46	2.45	2.39	2.36
2331	Women's and misses' blouses and waists ..	-	76.33	75.17	71.89	72.10	-	2.15	2.16	2.06	2.06
2335	Women's and misses' dresses	-	85.43	86.10	82.16	80.83	-	2.55	2.57	2.46	2.42
2337	Women's and misses' suits and coats	-	96.81	91.87	94.66	93.18	-	2.79	2.71	2.72	2.67
2339	Women's and misses' outerwear, n e c ..	-	77.68	78.26	72.57	74.98	-	2.14	2.15	2.05	2.06
234	Women's and children's undergarments ..	76.02	75.66	75.60	72.83	74.17	2.10	2.09	2.10	1.99	2.01
2341	Women's and children's underwear	-	73.73	73.49	72.15	73.11	-	2.02	2.03	1.95	1.96
2342	Corsets and allied garments	-	79.52	79.88	74.05	77.11	-	2.24	2.25	2.08	2.13
235	Hats, caps, and millinery	-	79.12	75.68	78.84	76.96	-	2.15	2.12	2.19	2.12
236	Children's outerwear	76.89	76.83	75.97	74.46	75.44	2.13	2.14	2.14	2.04	2.05
2361	Children's dresses and blouses	-	76.23	75.54	74.70	74.91	-	2.10	2.11	2.03	2.03
237,8	Fur goods and miscellaneous apparel	-	88.70	86.99	83.88	84.91	-	2.43	2.43	2.33	2.32
239	Misc. fabricated textile products	86.98	92.44	91.82	83.93	87.86	2.37	2.42	2.41	2.25	2.30
2391,2	Housefurnishings	-	78.11	77.52	74.48	72.74	-	2.05	2.04	1.96	1.95
26	PAPER AND ALLIED PRODUCTS	140.83	138.46	137.17	132.32	130.59	3.26	3.22	3.19	3.07	3.03
261,2,6	Paper and pulp mills	163.71	158.42	157.34	151.87	147.52	3.63	3.56	3.52	3.39	3.33
263	Paperboard mills	(*)	163.80	160.72	156.74	151.30	(*)	3.60	3.54	3.40	3.34
264	Misc. converted paper products	120.83	121.18	120.47	113.44	113.85	2.94	2.92	2.91	2.76	2.75
2643	Bags, except textile bags	-	115.37	112.48	109.15	107.79	-	2.78	2.75	2.63	2.61
265	Paperboard containers and boxes	125.88	124.32	123.02	119.14	119.14	2.99	2.96	2.95	2.83	2.81
2651,2	Folding and setup paperboard boxes	-	113.58	112.61	106.37	107.01	-	2.75	2.74	2.62	2.61
2653	Corrugated and solid fiber boxes	-	131.86	131.13	127.87	126.87	-	3.11	3.10	2.96	2.93
2654	Sanitary food containers	-	124.95	123.22	120.13	120.55	-	2.94	2.92	2.84	2.81

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	43.2	42.4	41.8	42.9	42.7	-	4.4	4.2	4.5	4.5
2024	Ice cream and frozen desserts.....	-	41.1	41.2	42.3	42.0	-	-	-	-	-
2026	Fluid milk.....	-	42.9	42.2	43.3	43.0	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	38.0	38.6	39.0	38.1	-	2.9	3.0	3.7	3.4
2031,6	Canned, cured and frozen sea foods.....	-	34.7	36.3	38.6	36.6	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	38.4	39.5	38.9	38.8	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	39.0	38.6	38.9	37.1	-	-	-	-	-
204	Grain mill products.....	44.8	45.1	44.8	45.6	45.2	-	6.9	6.7	7.6	6.9
2041	Flour and other grain mill product.....	-	45.5	45.1	46.8	45.7	-	-	-	-	-
2042	Prepared feeds for animals and fowls.....	-	45.9	45.6	47.4	46.5	-	-	-	-	-
205	Bakery products.....	40.7	40.4	39.9	40.5	40.7	-	4.0	3.8	3.7	4.0
2051	Bread, cake, and related products.....	-	40.5	40.0	40.7	40.6	-	-	-	-	-
2052	Cookies and crackers.....	-	40.4	39.6	39.8	40.8	-	-	-	-	-
206	Sugar.....	-	39.3	40.0	40.5	39.8	-	2.7	2.9	3.9	3.0
207	Confectionery and related products.....	39.2	39.2	39.3	39.0	40.2	-	2.4	2.6	2.3	2.9
2071	Confectionery products.....	-	38.8	39.1	38.7	40.0	-	-	-	-	-
208	Beverages.....	41.6	41.1	39.9	41.7	41.5	-	4.5	3.6	4.3	4.5
2082	Malt liquors.....	-	42.8	41.6	41.3	42.1	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	41.7	39.7	42.8	42.0	-	-	-	-	-
209	Misc. foods and kindred products.....	42.2	41.8	41.5	41.9	42.1	-	4.7	4.7	4.6	4.6
21	TOBACCO MANUFACTURES.....	38.3	40.0	37.6	37.6	38.9	-	2.6	1.1	2.3	1.9
211	Cigarettes.....	-	41.6	38.2	38.4	39.3	-	3.5	1.1	3.2	2.2
212	Cigars.....	-	37.8	36.7	37.0	38.3	-	1.5	1.2	.9	1.7
22	TEXTILE MILL PRODUCTS.....	40.9	41.4	40.9	41.0	41.6	-	4.2	3.9	3.9	4.2
221	Weaving mills, cotton.....	40.9	41.5	40.8	40.8	41.1	-	4.2	3.8	3.7	3.9
222	Weaving mills, synthetics.....	43.8	43.0	42.6	43.8	43.3	-	5.0	4.8	5.5	5.2
223	Weaving and finishing mills, wool.....	42.2	42.5	43.2	42.8	43.7	-	4.9	5.3	4.9	5.3
224	Narrow fabric mills.....	41.1	41.5	41.0	40.9	41.6	-	3.7	3.4	3.4	3.8
225	Knitting mills.....	38.8	39.1	38.6	39.2	39.7	-	2.9	2.6	3.1	3.2
2251	Women's hosiery, except socks.....	-	39.6	38.7	39.8	39.9	-	-	-	-	-
2252	Hosiery, n e c.....	-	37.6	36.9	37.0	37.9	-	-	-	-	-
2253	Knit outerwear mills.....	-	37.5	37.7	38.0	39.1	-	-	-	-	-
2254	Knit underwear mills.....	-	38.5	37.9	39.6	39.3	-	-	-	-	-
226	Textile finishing, except wool.....	40.9	42.9	42.2	41.3	42.9	-	5.2	4.9	4.4	5.3
227	Floor covering mills.....	-	43.0	42.2	42.6	43.4	-	5.4	4.6	4.6	5.2
228	Yarn and thread mills.....	40.6	41.3	41.2	41.5	42.1	-	4.0	4.2	4.2	4.5
229	Miscellaneous textile goods.....	42.8	43.2	42.4	41.3	42.6	-	5.4	4.8	3.5	4.7
23	APPAREL AND OTHER TEXTILE PRODUCTS.....	35.8	36.3	36.1	36.1	36.5	-	1.4	1.3	1.3	1.4
231	Men's and boys' suits and coats.....	37.6	37.8	38.3	37.2	37.9	-	1.4	1.6	.8	1.3
232	Men's and boys' furnishings.....	36.5	36.9	36.6	36.9	37.3	-	1.1	1.1	1.2	1.3
2321	Men's and boys' shirts and nightwear.....	-	36.6	36.2	36.7	37.1	-	-	-	-	-
2327	Men's and boys' separate trousers.....	-	37.3	37.4	37.7	38.0	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	37.3	37.2	36.3	37.3	-	-	-	-	-
233	Women's and misses' outerwear.....	34.2	34.5	34.3	34.3	34.5	-	1.4	1.3	1.2	1.3
2331	Women's and misses' blouses and waists.....	-	35.5	34.8	34.9	35.0	-	-	-	-	-
2335	Women's and misses' dresses.....	-	33.5	33.5	33.4	33.4	-	-	-	-	-
2337	Women's and misses' suits and coats.....	-	34.7	33.9	34.8	34.9	-	-	-	-	-
2339	Women's and misses' outerwear, n e c.....	-	36.3	36.4	35.4	36.4	-	-	-	-	-
234	Women's and children's undergarments.....	36.2	36.2	36.0	36.6	36.9	-	1.2	1.1	1.4	1.4
2341	Women's and children's underwear.....	-	36.5	36.2	37.0	37.3	-	-	-	-	-
2342	Corsets and allied garments.....	-	35.5	35.5	35.6	36.2	-	-	-	-	-
235	Hats, caps, and millinery.....	-	36.8	35.7	36.0	36.3	-	1.3	1.3	1.3	1.1
236	Children's outerwear.....	36.1	35.9	35.5	36.5	36.8	-	1.2	1.1	1.6	1.6
2361	Children's dresses and blouses.....	-	36.3	35.8	36.8	36.9	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel.....	-	36.5	35.8	36.0	36.6	-	1.2	1.0	1.3	1.2
239	Misc. fabricated textile products.....	36.7	38.2	38.1	37.3	38.2	-	2.0	2.0	1.9	2.0
2391,2	Housefurnishings.....	-	38.1	38.0	38.0	37.3	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.....	43.2	43.0	43.0	43.1	43.1	-	5.5	5.3	5.5	5.3
261,2,6	Paper and pulp mills.....	45.1	44.5	44.7	44.8	44.3	-	6.7	6.5	6.7	6.3
263	Paperboard mills.....	(*)	45.5	45.4	46.1	45.3	-	7.8	7.7	8.4	7.4
264	Misc. converted paper products.....	41.1	41.5	41.4	41.1	41.4	-	4.1	3.8	3.6	3.7
2643	Bags, except textile bags.....	-	41.5	40.9	41.5	41.3	-	-	-	-	-
265	Paperboard containers and boxes.....	42.1	42.0	41.7	42.1	42.4	-	4.6	4.6	4.8	4.7
2651,2	Folding and setup paperboard boxes.....	-	41.3	41.1	40.6	41.0	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	42.4	42.3	43.2	43.3	-	-	-	-	-
2654	Sanitary food containers.....	-	42.5	42.2	42.3	42.9	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	\$140.56	\$141.31	\$140.18	\$132.94	\$132.94	\$3.67	\$3.68	\$3.66	\$3.48	\$3.48
271	Newspapers.....	145.48	146.65	145.89	134.98	137.23	4.03	4.04	4.03	3.76	3.77
272	Periodicals.....	-	158.71	159.12	151.33	151.66	-	3.89	3.90	3.70	3.69
273	Books.....	-	130.09	131.46	121.50	119.89	-	3.22	3.23	3.03	3.02
275	Commercial printing.....	143.56	144.69	143.13	136.50	135.41	3.70	3.71	3.67	3.50	3.49
2751	Commercial printing, ex. lithographic.....	-	139.35	138.93	133.86	133.52	-	3.61	3.59	3.45	3.45
2752	Commercial printing, lithographic.....	-	152.83	149.29	140.66	139.16	-	3.84	3.77	3.57	3.55
278	Blankbooks and bookbinding.....	105.64	109.52	107.06	102.26	103.03	2.78	2.83	2.81	2.67	2.69
274,6,7,9	Other publishing & printing ind.....	140.82	140.43	138.65	134.40	134.05	3.62	3.61	3.62	3.50	3.50
28	CHEMICALS AND ALLIED PRODUCTS	144.84	144.97	143.72	136.45	136.27	3.49	3.46	3.43	3.28	3.26
281	Industrial chemicals.....	162.82	163.11	160.74	152.46	152.70	3.84	3.82	3.80	3.63	3.61
2812	Alkalies and chlorine.....	-	167.96	161.78	154.66	151.52	-	3.87	3.78	3.70	3.66
2818	Industrial organic chemicals, n e c.....	-	173.69	170.49	161.70	160.82	-	4.03	4.04	3.85	3.82
2819	Industrial inorganic chemicals, n e c.....	-	152.67	152.15	145.46	144.56	-	3.67	3.64	3.48	3.45
282	Plastics materials and synthetics.....	146.20	145.69	143.40	138.78	137.70	3.44	3.42	3.39	3.25	3.24
2821	Plastics materials and resins.....	-	156.88	154.66	147.56	147.50	-	3.59	3.58	3.40	3.36
2823,4	Synthetic fibers.....	-	133.12	130.82	129.02	126.88	-	3.20	3.16	3.05	3.05
283	Drugs.....	133.39	133.74	133.74	122.70	121.47	3.31	3.27	3.27	3.00	2.97
2834	Pharmaceutical preparations.....	-	129.36	129.77	117.60	117.27	-	3.21	3.22	2.94	2.91
284	Soap, cleaners, and toilet goods.....	139.54	138.72	136.82	128.32	129.02	3.42	3.40	3.37	3.20	3.17
2841	Soap and other detergents.....	-	177.66	175.14	162.66	161.32	-	4.23	4.19	3.91	3.85
2844	Toilet preparations.....	-	112.18	111.39	100.73	102.83	-	2.84	2.82	2.63	2.63
285	Paints and allied products.....	134.15	134.23	136.12	128.34	128.24	3.28	3.25	3.28	3.10	3.09
287	Agricultural chemicals.....	119.77	120.41	122.92	111.79	114.75	2.90	2.86	2.80	2.72	2.70
2871,2	Fertilizers, complete & mixing only.....	-	111.78	117.75	105.93	109.39	-	2.70	2.67	2.59	2.58
286,9	Other chemical products.....	132.87	135.05	135.79	129.56	129.47	3.33	3.31	3.28	3.16	3.15
2892	Explosives.....	-	136.97	138.85	132.80	132.66	-	3.45	3.42	3.32	3.30
29	PETROLEUM AND COAL PRODUCTS	174.47	170.40	174.50	163.18	158.90	4.02	4.00	4.03	3.76	3.73
291	Petroleum refining.....	181.90	176.40	182.33	169.92	164.67	4.24	4.22	4.26	3.97	3.93
295,9	Other petroleum and coal products.....	150.30	149.85	148.17	140.14	140.26	3.34	3.33	3.30	3.08	3.11
30	RUBBER AND PLASTICS PRODUCTS, N E C	124.64	126.58	125.25	121.42	121.64	3.07	3.05	3.04	2.94	2.91
301	Tires and inner tubes.....	183.18	186.30	185.02	184.91	180.24	4.26	4.14	4.13	4.10	3.97
302,3,6	Other rubber products.....	118.31	120.29	119.29	113.36	114.93	2.98	2.97	2.96	2.82	2.81
302	Rubber footwear.....	-	105.99	105.86	103.97	100.61	-	2.69	2.68	2.58	2.56
307	Miscellaneous plastics products.....	107.20	108.12	107.73	102.72	103.32	2.66	2.65	2.66	2.53	2.52
31	LEATHER AND LEATHER PRODUCTS	87.38	88.60	87.66	85.31	87.36	2.33	2.35	2.35	2.21	2.24
311	Leather tanning and finishing.....	114.55	119.95	118.67	107.68	113.70	2.90	2.94	2.93	2.74	2.78
314	Footwear, except rubber.....	85.20	85.88	84.96	83.98	85.63	2.26	2.29	2.29	2.17	2.19
312,3,5-7,8	Other leather products.....	83.62	85.79	84.27	80.73	83.11	2.31	2.30	2.29	2.13	2.17
316	Luggage.....	-	86.74	87.56	81.16	84.04	-	2.37	2.36	2.17	2.20
317	Handbags and personal leather goods.....	-	83.63	80.00	79.25	81.15	-	2.23	2.21	2.08	2.13
	TRANSPORTATION AND PUBLIC UTILITIES:										
4011	RAILROAD TRANSPORTATION: Class I railroads ²		(*)	(*)	154.66	146.20		(*)	(*)	3.46	3.40
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation.....	-	133.24	133.14	126.65	123.94	-	3.18	3.14	2.98	2.93
413	Intercity highway transportation.....	-	166.21	159.78	154.93	156.71	-	3.92	3.85	3.68	3.67
42	TRUCKING AND WAREHOUSING	-	154.28	151.06	145.51	146.20	-	3.63	3.64	3.44	3.44
421,3	Trucking and trucking terminals.....	-	157.93	153.87	148.75	149.37	-	3.69	3.69	3.50	3.49
422	Public warehousing.....	-	112.22	109.54	107.73	105.45	-	2.87	2.86	2.70	2.69
46	PIPE LINE TRANSPORTATION	-	178.83	174.28	166.78	167.27	-	4.33	4.23	3.99	4.06
48	COMMUNICATION	-	131.60	129.49	124.00	124.26	-	3.29	3.27	3.10	3.13
481	Telephone communication.....	-	129.85	128.16	122.21	121.70	-	3.23	3.22	3.04	3.05
4817	Switchboard operating employees ³ ..	-	96.26	94.96	91.25	90.22	-	2.63	2.66	2.50	2.52
4818	Line construction employees ⁴	-	181.60	177.75	173.81	173.12	-	4.00	3.95	3.82	3.83
482	Telegraph communication ⁵	-	150.77	144.62	143.86	143.19	-	3.49	3.34	3.33	3.33
483	Radio and television broadcasting.....	-	139.85	138.74	133.06	138.34	-	3.70	3.69	3.52	3.65

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	38.3	38.4	38.3	38.2	38.2		3.3	3.3	3.0	3.0
271	Newspapers.....	36.1	36.3	36.2	35.9	36.4		3.0	3.1	2.4	2.9
272	Periodicals.....	-	40.8	40.8	40.9	41.1		4.6	4.7	3.9	4.1
273	Books.....	-	40.4	40.7	40.1	39.7		3.9	4.2	3.4	2.9
275	Commercial printing.....	38.8	39.0	39.0	39.0	38.8		3.4	3.6	3.4	3.3
2751	Commercial printing, ex. lithographic.....	-	38.6	38.7	38.8	38.7		-	-	-	-
2752	Commercial printing, lithographic....	-	39.8	39.6	39.4	39.2		-	-	-	-
278	Blankbooks and bookbinding.....	38.0	38.7	38.1	38.3	38.3		2.7	2.4	2.2	2.3
274, 6, 7, 9	Other publishing & printing ind.....	38.9	38.9	38.3	38.4	38.3		3.2	2.8	3.0	2.7
28	CHEMICALS AND ALLIED PRODUCTS..	41.5	41.9	41.9	41.6	41.8		3.4	3.4	3.3	3.3
281	Industrial chemicals.....	42.4	42.7	42.3	42.0	42.3		4.0	3.5	3.5	3.6
2812	Alkalies and chlorine.....	-	43.4	42.8	41.8	41.4		-	-	-	-
2818	Industrial organic chemicals, n.e.c....	-	43.1	42.2	42.0	42.1		-	-	-	-
2819	Industrial inorganic chemicals, n.e.c..	-	41.6	41.8	41.8	41.9		-	-	-	-
282	Plastics materials and synthetics.....	42.5	42.6	42.3	42.7	42.5		3.7	3.3	3.9	3.5
2821	Plastics materials and resins.....	-	43.7	43.2	43.4	43.9		-	-	-	-
2823, 4	Synthetic fibers.....	-	41.6	41.4	42.3	41.6		-	-	-	-
283	Drugs.....	40.3	40.9	40.9	40.9	40.9		2.7	3.1	2.7	2.6
2834	Pharmaceutical preparations.....	-	40.3	40.3	40.0	40.3		-	-	-	-
284	Soap, cleaners, and toilet goods.....	40.8	40.8	40.6	40.1	40.7		2.7	2.6	2.7	2.9
2841	Soap and other detergents.....	-	42.0	41.8	41.6	41.9		-	-	-	-
2844	Toilet preparations.....	-	39.5	39.5	38.3	39.1		-	-	-	-
285	Paints and allied products.....	40.9	41.3	41.5	41.4	41.5		3.4	3.5	3.4	3.4
287	Agricultural chemicals.....	41.3	42.1	43.9	41.1	42.5		4.2	6.2	3.0	4.2
2871, 2	Fertilizers, complete & mixing only..	-	41.4	41.1	40.9	42.4		-	-	-	-
286, 9	Other chemical products.....	39.9	40.8	41.4	41.0	41.1	-	2.8	3.2	3.0	3.2
2892	Explosives.....	-	39.7	40.6	40.0	40.2	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.....	43.4	42.6	43.3	43.4	42.6	-	3.9	4.1	4.2	3.7
291	Petroleum refining.....	42.9	41.8	42.8	42.8	41.9	-	2.9	3.3	3.4	2.8
295, 9	Other petroleum and coal products.....	45.0	45.0	44.9	45.5	45.1	-	7.2	6.8	7.0	6.8
30	RUBBER AND PLASTICS PRODUCTS, NEC..	40.6	41.5	41.2	41.3	41.8	-	4.3	4.2	4.3	4.3
301	Tires and inner tubes.....	43.0	45.0	44.8	45.1	45.4	-	7.0	6.9	7.5	6.7
302, 3, 6	Other rubber products.....	39.7	40.5	40.3	40.2	40.9	-	3.4	3.3	3.1	3.4
302	Rubber footwear.....	-	39.4	39.5	40.3	39.3	-	2.5	2.6	2.5	2.2
307	Miscellaneous plastics products.....	40.3	40.8	40.5	40.6	41.0	-	3.9	3.9	3.9	4.0
31	LEATHER AND LEATHER PRODUCTS.....	37.5	37.7	37.3	38.6	39.0	-	1.8	1.7	2.1	2.4
311	Leather tanning and finishing.....	39.5	40.8	40.5	39.3	40.9	-	4.0	3.8	3.2	4.0
314	Footwear, except rubber.....	37.7	37.5	37.1	38.7	39.1	-	1.6	1.5	2.0	2.3
312, 3, 5-7, 9	Other leather products.....	36.2	37.3	36.8	37.9	38.3	-	1.7	1.4	1.9	2.2
316	Luggage.....	-	36.6	37.1	37.4	38.2	-	1.6	1.8	1.8	2.0
317	Handbags and personal leather goods..	-	37.5	36.2	38.1	38.1	-	1.5	1.3	2.0	2.1
	TRANSPORTATION AND PUBLIC UTILITIES:										
11	RAILROAD TRANSPORTATION:										
	Class I railroads ²	-	(*)	(*)	44.7	43.0					
	LOCAL AND INTERURBAN PASSENGER TRANSPORT:										
411	Local and suburban transportation.....	-	41.9	42.4	42.5	42.3	-	-	-	-	-
413	Intercity highway transportation.....	-	42.4	41.5	42.1	42.7	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	-	42.5	41.5	42.3	42.5	-	-	-	-	-
421, 3	Trucking and trucking terminals.....	-	42.8	41.7	42.5	42.8	-	-	-	-	-
422	Public warehousing.....	-	39.1	38.3	39.9	39.2	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	41.3	41.2	41.8	41.2	-	-	-	-	-
48	COMMUNICATION	-	40.0	39.6	40.0	39.7	-	-	-	-	-
481	Telephone communication.....	-	40.2	39.8	40.2	39.9	-	-	-	-	-
4817	Switchboard operating employees ³ ...	-	36.6	35.7	36.5	35.8	-	-	-	-	-
4818	Line construction employees ⁴	-	45.4	45.0	45.5	45.2	-	-	-	-	-
482	Telegraph communication ⁵	-	43.2	43.3	43.2	43.0	-	-	-	-	-
483	Radio and television broadcasting.....	-	37.8	37.6	37.8	37.9	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES		\$159.01	\$157.80	\$150.59	\$149.09	-	\$3.85	\$3.83	\$3.62	\$3.61
491	Electric companies and systems		163.46	162.24	155.45	153.92	-	3.92	3.90	3.71	3.70
492	Gas companies and systems		143.82	143.37	135.79	136.08	-	3.56	3.54	3.32	3.36
493	Combination companies and systems...		173.47	172.22	162.63	159.80	-	4.19	4.16	3.90	3.86
494-7	Water, steam, & sanitary systems		131.84	129.65	125.44	122.78	-	3.20	3.17	3.03	2.98
-	WHOLESALE AND RETAIL TRADE.....	\$93.08	91.55	89.92	86.56	87.36	\$2.55	2.55	2.54	2.40	2.40
50	WHOLESALE TRADE	130.82	129.85	128.00	123.12	122.51	3.23	3.23	3.20	3.04	3.04
501	Motor vehicles & automotive equipment ..	-	121.01	120.95	113.58	113.16	-	2.93	2.95	2.75	2.74
502	Drugs, chemicals, and allied products ..	-	130.70	128.59	123.16	123.09	-	3.36	3.34	3.11	3.14
503	Dry goods and apparel.....	-	120.46	120.46	117.04	114.53	-	3.17	3.17	3.08	3.03
504	Groceries and related products	-	118.40	119.60	118.30	115.77	-	2.96	2.99	2.81	2.81
506	Electrical goods.....	-	130.10	130.83	126.07	127.51	-	3.12	3.13	3.06	3.08
507	Hardware; plumbing & heating equipment ..	-	123.29	123.69	119.58	120.69	-	3.09	3.10	2.96	2.98
508	Machinery, equipment, and supplies.....	-	145.02	143.15	138.72	137.76	-	3.52	3.50	3.40	3.41
509	Miscellaneous wholesalers.....	-	131.14	125.83	119.99	121.09	-	3.32	3.21	3.03	3.05
52-59	RETAIL TRADE.....	80.73	79.23	77.63	77.33	75.82	2.30	2.29	2.29	2.16	2.16
53	Retail general merchandise	-	72.58	71.14	71.36	69.86	-	2.24	2.23	2.13	2.13
531	Department stores	-	76.31	74.81	74.81	73.68	-	2.37	2.36	2.26	2.26
532	Mail order houses	-	86.87	86.27	83.13	82.21	-	2.38	2.37	2.29	2.29
533	Variety stores	-	56.36	53.91	54.43	53.11	-	1.86	1.84	1.75	1.73
54	Food stores.....	-	83.74	81.28	81.74	79.73	-	2.53	2.54	2.39	2.38
541-3	Grocery, meat, and vegetable stores ..	-	85.32	82.50	82.90	81.22	-	2.57	2.57	2.41	2.41
56	Apparel and accessory stores	-	69.55	67.73	68.34	66.38	-	2.16	2.15	2.04	2.03
561	Men's & boys' clothing & furnishings ..	-	85.56	83.58	84.13	80.73	-	2.48	2.48	2.35	2.30
562	Women's ready-to-wear stores	-	62.37	61.29	61.37	60.10	-	1.98	1.99	1.90	1.89
565	Family clothing stores	-	66.58	63.83	63.55	62.51	-	2.03	1.97	1.92	1.90
566	Shoe stores.....	-	68.85	65.93	71.32	67.84	-	2.25	2.25	2.11	2.12
57	Furniture and home furnishings stores ..	-	103.13	101.28	99.20	99.58	-	2.75	2.73	2.59	2.60
571	Furniture and home furnishings.....	-	104.25	102.67	98.56	99.58	-	2.78	2.76	2.58	2.60
58	Eating and drinking places ⁶	-	56.23	54.84	55.08	53.61	-	1.73	1.73	1.62	1.61
52,55,59	Other retail trade	-	98.82	97.41	95.04	93.84	-	2.56	2.55	2.40	2.40
52	Building materials and farm equipment ..	-	106.08	105.71	101.92	100.85	-	2.60	2.61	2.45	2.43
551,2	Motor vehicle dealers.....	-	130.60	129.15	122.30	123.02	-	3.17	3.15	2.94	2.95
553,9	Other automotive & accessory dealers ..	-	108.36	107.17	103.87	102.00	-	2.58	2.57	2.41	2.40
591	Drug stores and proprietary stores ..	-	70.74	69.54	71.69	68.80	-	2.17	2.18	2.06	2.06
594	Book and stationery stores	-	84.42	81.74	84.37	82.36	-	2.44	2.44	2.36	2.36
598	Fuel and ice dealers.....	-	115.30	115.30	108.77	108.26	-	2.84	2.84	2.64	2.66
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	107.38	108.33	107.30	102.40	101.75	2.91	2.92	2.90	2.76	2.75
60	Banking	-	96.72	96.46	92.01	91.39	-	2.60	2.60	2.48	2.47
61	Credit agencies other than banks	-	99.15	97.61	94.00	93.00	-	2.63	2.61	2.50	2.48
612	Savings and loan associations	-	96.46	94.06	93.00	91.39	-	2.60	2.57	2.48	2.47
62	Security, commodity brokers & services ..	-	181.54	180.58	175.10	176.54	-	4.79	4.79	4.56	4.55
63	Insurance carriers	-	114.08	112.55	106.87	107.16	-	3.10	3.05	2.92	2.92
631	Life insurance	-	115.99	113.44	108.06	107.34	-	3.24	3.16	3.01	2.99
632	Accident and health insurance	-	99.64	98.91	94.84	93.76	-	2.76	2.74	2.62	2.59
633	Fire, marine, and casualty insurance ..	-	115.52	114.38	109.13	110.46	-	3.04	3.01	2.91	2.93
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ..	-	64.08	62.66	59.78	59.37	-	1.79	1.78	1.62	1.64
721	Personal Services: Laundries and dry cleaning plants.....	-	73.77	73.20	69.56	70.31	-	2.01	2.00	1.87	1.89
722	Photographic studios	-	81.31	83.90	82.25	82.48	-	2.35	2.35	2.33	2.33
781	Motion pictures: Motion picture filming & distributing ..	-	176.18	169.60	157.20	154.35	-	4.35	4.24	3.93	3.83

NOTE: Data for the 2 most recent months are preliminary.

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				
		July 1969	June 1969	May 1969	July 1968	June 1968	July 1969	June 1969	May 1969	July 1968	June 1968
	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES		41.3	41.2	41.6	41.3				-	
491	Electric companies and systems.....		41.7	41.6	41.9	41.6				-	
492	Gas companies and systems.....		40.4	40.5	40.9	40.5					
493	Combination companies and systems..		41.4	41.4	41.7	41.4					
494-7	Water, steam & sanitary systems.....		41.2	40.9	41.4	41.2					
-	WHOLESALE AND RETAIL TRADE.....	36.5	35.9	35.4	36.9	36.4					
50	WHOLESALE TRADE.....	40.5	40.2	40.0	40.5	40.3					
501	Motor vehicles & automotive equipment..	-	41.3	41.0	41.3	41.3					
502	Drugs, chemicals, and allied products...	-	38.9	38.5	39.6	39.2					
503	Dry goods and apparel.....	-	38.0	38.0	38.0	37.8					
504	Groceries and related products.....	-	40.0	40.0	42.1	41.2					
506	Electrical goods.....	-	41.7	41.8	41.2	41.4					
507	Hardware; plumbing & heating equipment	-	39.9	39.9	40.4	40.5					
508	Machinery, equipment, and supplies....	-	41.2	40.9	40.8	40.4					
509	Miscellaneous wholesalers.....	-	39.5	39.2	39.6	39.7					
52-59	RETAIL TRADE.....	35.1	34.6	33.9	35.8	35.1					
53	Retail general merchandise.....	-	32.4	31.9	33.5	32.8					
531	Department stores.....	-	32.2	31.7	33.1	32.6					
532	Mail order houses.....	-	36.5	36.4	36.3	35.9					
533	Variety stores.....	-	30.3	29.3	31.1	30.7					
54	Food stores.....	-	33.1	32.0	34.2	33.5					
541-3	Grocery, meat, and vegetable stores...	-	33.2	32.1	34.4	33.7					
56	Apparel and accessory stores.....	-	32.2	31.5	33.5	32.7					
561	Men's & boys' clothing & furnishings..	-	34.5	33.7	35.8	35.1					
562	Women's ready-to-wear stores.....	-	31.5	30.8	32.3	31.8					
565	Family clothing stores.....	-	32.8	32.4	33.1	32.9					
566	Shoe stores.....	-	30.6	29.3	33.8	32.0					
57	Furniture and home furnishings stores..	-	37.5	37.1	38.3	38.3					
571	Furniture and home furnishings.....	-	37.5	37.2	38.2	38.3					
58	Eating and drinking places ⁶	-	32.5	31.7	34.0	33.3					
52,55,59	Other retail trade.....	-	38.6	38.2	39.6	39.1					
52	Building materials and farm equipment	-	40.8	40.5	41.6	41.5					
551,2	Motor vehicle dealers.....	-	41.2	41.0	41.6	41.7					
553,9	Other automotive & accessory dealers.	-	42.0	41.7	43.1	42.5					
591	Drug stores and proprietary stores...	-	32.6	31.9	34.8	33.4					
594	Book and stationery stores.....	-	34.6	33.5	35.9	34.9					
598	Fuel and ice dealers.....	-	40.6	40.6	41.2	40.7					
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	36.9	37.1	37.0	37.1	37.0					
60	Banking.....	-	37.2	37.1	37.1	37.0					
61	Credit agencies other than banks.....	-	37.7	37.4	37.6	37.5					
612	Savings and loan associations.....	-	37.1	36.6	37.5	37.0					
62	Security, commodity brokers & services.	-	37.9	37.7	38.4	38.8					
63	Insurance carriers.....	-	36.8	36.9	36.6	36.7					
631	Life insurance.....	-	35.8	35.9	35.9	35.9					
632	Accident and health insurance.....	-	36.1	36.1	36.2	36.2					
633	Fire, marine, and casualty insurance..	-	38.0	38.0	37.5	37.7					
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	35.8	35.2	36.9	36.2					
721	Personal Services: Laundries & dry cleaning plants.....	-	36.7	36.6	37.2	37.2					
722	Photographic studios.....	-	34.6	35.7	35.3	35.4					
781	Motion pictures: Motion picture filming & distributing..	-	40.5	40.0	40.0	40.3					

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.

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 1966, such employees made up 33 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 1966, such employees made up 33 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.

NOTE: Data for the 2 most recent months are 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	1969					1968							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
EXECUTIVE BRANCH													
Total employment	2,704.5	2,712.0	2,701.9	2,704.2	2,699.3	2,734.3	2,667.6	2,658.9	2,670.2	2,759.9	2,807.9	2,780.6	2,676.0
Average weekly hours	39.4	39.5	39.5	39.9	39.5	39.8	39.5	39.3	39.1	39.2	39.6	39.2	39.3
Average overtime hours	1.0	1.0	1.1	1.0	1.0	1.8	1.0	1.1	1.0	.9	.9	1.0	.9
Indexes (1965=100):													
Average weekly earnings	118.9	117.5	117.5	118.7	117.5	119.0	117.2	115.8	114.3	112.1	108.4	108.7	109.5
Average hourly earnings	122.2	120.5	120.5	120.5	120.5	121.1	120.2	119.3	118.4	115.8	110.8	112.3	112.9
DEPARTMENT OF DEFENSE													
Total employment	1,125.2	1,128.2	1,129.0	1,130.4	1,131.3	1,090.6	1,093.1	1,094.1	1,097.0	1,136.5	1,159.9	1,146.5	1,096.8
Average weekly hours	39.9	39.8	40.2	40.7	40.2	39.5	40.0	40.1	39.8	40.0	40.5	40.3	40.4
Average overtime hours	1.0	.8	1.2	1.2	1.3	1.2	1.1	1.4	1.0	1.1	1.1	1.2	1.1
Indexes (1965=100):													
Average weekly earnings	119.9	116.5	117.4	118.8	117.7	115.6	115.7	114.8	113.4	111.1	107.9	109.4	110.8
Average hourly earnings	122.6	119.4	119.1	119.1	119.4	119.4	118.0	116.8	116.2	113.3	108.7	110.7	111.9
POST OFFICE DEPARTMENT													
Total employment	723.1	720.9	718.5	718.4	718.5	795.4	721.8	711.5	712.8	731.5	734.1	728.7	708.4
Average weekly hours	38.5	38.8	38.7	39.4	38.6	41.4	39.3	38.6	38.2	38.1	38.6	38.1	38.3
Average overtime hours	1.1	1.3	1.2	1.0	1.1	4.0	1.2	1.2	.9	.6	.7	.8	.9
Indexes (1965=100):													
Average weekly earnings	112.0	113.2	112.6	114.3	112.3	123.7	114.0	112.0	109.6	108.4	104.6	103.8	104.7
Average hourly earnings	120.1	120.5	120.1	119.8	120.1	123.4	119.8	118.5	117.5	111.9	111.9	112.5	112.9
OTHER AGENCIES													
Total employment	856.2	862.9	854.4	855.4	849.5	848.3	852.7	853.3	860.4	891.9	913.9	905.4	870.8
Average weekly hours	39.6	39.8	39.3	39.4	39.2	38.9	39.1	38.8	38.9	39.2	39.1	38.6	38.9
Average overtime hours . . . . .	.9	.9	.8	.8	.7	.7	.8	.7	.8	.7	.7	.8	.7
Indexes (1965=100):													
Average weekly earnings	124.2	122.9	121.9	122.4	121.8	121.4	122.1	120.1	119.0	116.5	111.9	112.3	112.6
Average hourly earnings	123.8	122.0	122.5	122.8	122.8	123.3	123.3	122.2	120.9	117.3	113.0	114.9	114.4

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				
	July 1969	June 1969	May 1969	July 1968	June 1968
MANUFACTURING	\$3.05	\$3.03	\$3.03	\$2.88	\$2.87
DURABLE GOODS	3.22	3.21	3.20	3.04	3.04
Ordnance and accessories	-	3.34	3.31	3.10	3.10
Lumber and wood products	-	2.58	2.55	2.46	2.46
Furniture and fixtures	-	2.50	2.50	2.37	2.37
Stone, clay, and glass products	-	3.00	2.99	2.85	2.84
Primary metal industries	-	3.59	3.57	3.38	3.37
Fabricated metal products	-	3.16	3.15	3.01	3.00
Machinery, except electrical	-	3.39	3.38	3.21	3.19
Electrical equipment and supplies	-	2.97	2.96	2.83	2.82
Transportation equipment	-	3.69	3.67	3.46	3.46
Instruments and related products	-	3.03	3.03	2.88	2.88
Miscellaneous manufacturing industries	-	2.55	2.56	2.42	2.42
NONDURABLE GOODS	2.80	2.77	2.77	2.63	2.62
Food and kindred products	-	2.80	2.81	2.65	2.66
Tobacco manufactures	-	2.71	2.69	2.56	2.57
Textile mill products	-	2.20	2.20	2.07	2.07
Apparel and other textile products	-	2.26	2.25	2.16	2.16
Paper and allied products	-	3.03	3.01	2.88	2.85
Printing and publishing	-	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.32	3.29	3.15	3.13
Petroleum and coal products	-	3.82	3.85	3.58	3.57
Rubber and plastics products, n e c	-	2.89	2.89	2.80	2.77
Leather and leather products	-	2.30	2.30	2.16	2.17

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.

NOTE: Data for the 2 most recent months are 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 1957-59 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
TOTAL PRIVATE:									
Current dollars	\$114.76	\$113.48	\$108.20	\$91.07	\$90.13	\$86.68	\$100.11	\$99.13	\$95.55
1957-59 dollars	89.94	89.50	89.50	71.37	71.08	71.70	78.46	78.18	79.03
MINING:									
Current dollars	150.17	155.30	144.52	116.80	120.66	113.39	127.33	131.50	123.58
1957-59 dollars	117.69	122.48	119.54	91.54	95.16	93.79	99.79	103.71	102.22
CONTRACT CONSTRUCTION:									
Current dollars	181.42	179.92	165.50	140.32	139.19	128.94	152.70	151.49	140.37
1957-59 dollars	142.18	141.89	136.89	109.97	109.77	106.65	119.67	119.47	116.10
MANUFACTURING:									
Current dollars	129.65	128.61	123.30	102.00	101.24	97.83	111.54	110.74	107.16
1957-59 dollars	101.61	101.43	101.99	79.94	79.84	80.92	87.41	87.33	88.64
WHOLESALE AND RETAIL TRADE:									
Current dollars	91.55	89.92	87.36	73.83	72.58	70.97	82.27	80.97	79.26
1957-59 dollars	71.75	70.91	72.26	57.86	57.24	58.70	64.47	63.86	65.56
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	108.33	107.30	101.75	86.35	85.59	81.92	95.22	94.44	90.63
1957-59 dollars	84.90	84.62	84.16	67.67	67.50	67.76	74.62	74.48	74.96

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

NOTE: Beginning April 1968, data reflect the income tax surcharge imposed by the Revenue and Expenditure Control Act of 1968.

Data for the current month are preliminary.

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

Industry	1957-59=100				
	July 1969	June 1969	May 1969	July 1968	June 1968
	Man-hours				
TOTAL	120.2	121.2	117.4	117.1	118.6
MINING	82.6	81.7	82.1	84.0	83.1
CONTRACT CONSTRUCTION	132.4	128.2	119.6	125.4	120.2
MANUFACTURING	119.8	121.9	118.8	117.2	120.1
DURABLE GOODS	126.2	128.9	125.8	122.4	126.0
Ordnance and accessories	216.9	215.6	215.9	223.3	225.4
Lumber and wood products	98.0	98.8	95.3	97.1	98.1
Furniture and fixtures	133.1	135.9	132.0	124.8	129.5
Stone, clay, and glass products	116.9	118.2	114.2	114.5	114.7
Primary metal industries	115.2	117.4	114.2	113.3	115.5
Fabricated metal products	130.5	135.5	131.6	123.8	129.3
Machinery, except electrical	136.8	139.7	137.8	130.1	134.4
Electrical equipment and supplies	149.4	150.7	148.3	139.0	143.5
Transportation equipment	117.0	121.0	117.3	120.4	124.2
Instruments and related products	130.8	131.9	129.6	121.7	126.1
Miscellaneous manufacturing industries	108.5	112.0	109.1	105.8	110.5
NONDURABLE GOODS	111.5	112.7	109.7	110.4	112.4
Food and kindred products	99.9	96.1	91.6	99.8	97.1
Tobacco manufactures	70.4	72.7	67.4	72.1	74.3
Textile mill products	105.5	108.1	104.9	105.7	109.5
Apparel and other textile products	114.3	120.5	118.0	113.5	120.8
Paper and allied products	124.0	123.9	120.3	118.7	119.5
Printing and publishing	118.9	119.5	117.4	116.6	116.9
Chemicals and allied products	124.3	126.2	124.7	122.2	122.9
Petroleum and coal products	87.8	84.9	83.7	87.8	85.4
Rubber and plastics products, nec.	159.9	166.2	162.2	154.0	159.2
Leather and leather products	90.6	92.8	90.5	93.9	99.8
Industry	Payrolls				
	July 1969	June 1969	May 1969	July 1968	June 1968
MINING	117.4	116.2	117.5	112.5	111.0
CONTRACT CONSTRUCTION	221.7	213.6	199.4	193.8	183.7
MANUFACTURING	180.1	182.8	177.5	166.3	170.2

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

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED HOURS

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

Industry	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968	Nov. 1968	Oct. 1968	Sept. 1968	Aug. 1968	July 1968
TOTAL PRIVATE	37.8	37.8	37.8	37.8	37.8	37.5	37.8	37.6	37.6	37.8	37.9	37.9	37.9
MINING	41.9	41.8	43.4	43.8	42.8	43.3	43.3	43.3	43.2	41.2	42.9	42.8	43.1
CONTRACT CONSTRUCTION	37.4	37.7	38.1	38.0	37.9	38.0	38.2	37.6	36.2	37.5	37.5	37.5	37.3
MANUFACTURING	40.7	40.7	40.7	40.8	40.9	40.1	40.6	40.8	40.8	40.9	41.0	40.7	40.9
Overtime hours	3.6	3.6	3.6	3.7	3.7	3.5	3.8	3.7	3.8	3.7	3.7	3.6	3.6
DURABLE GOODS	41.4	41.4	41.4	41.4	41.5	40.9	41.3	41.3	41.6	41.6	41.6	41.3	41.5
Overtime hours	3.7	3.9	3.8	3.8	3.9	3.8	3.8	3.9	4.0	3.9	3.9	3.6	3.8
Ordnance and accessories	41.1	41.0	40.6	40.9	40.8	40.3	40.0	41.3	41.4	42.0	41.7	41.7	41.4
Lumber and wood products	40.2	40.2	40.3	40.2	40.9	40.8	40.0	41.1	40.6	40.7	41.0	40.8	40.7
Furniture and fixtures	40.8	40.8	40.9	40.9	40.7	40.1	40.6	40.5	40.5	40.8	40.8	40.7	40.7
Stone, clay, and glass products	41.8	41.9	42.1	42.0	42.3	42.2	41.8	42.0	41.8	42.1	42.1	41.9	41.9
Primary metal industries	41.5	41.8	41.7	41.8	41.9	41.6	41.7	41.6	41.4	41.4	41.4	40.3	41.8
Fabricated metal products	41.8	41.8	41.6	41.8	41.9	41.2	41.8	41.7	42.1	42.1	41.9	41.7	41.8
Machinery, except electrical	42.4	42.6	42.6	42.6	42.7	42.3	42.5	42.2	42.3	42.3	42.3	42.0	42.1
Electrical equipment and supplies	40.8	40.6	40.6	40.9	40.7	39.7	40.4	40.2	40.3	40.4	40.7	40.5	40.4
Transportation equipment	41.8	41.6	41.1	41.5	41.6	41.6	41.4	41.8	42.3	42.5	42.3	42.2	42.6
Instruments and related products	41.0	40.9	40.8	40.8	40.7	39.7	40.7	40.5	40.7	40.6	40.6	40.6	40.6
Miscellaneous manufacturing industries	39.5	39.2	39.1	39.5	39.0	37.6	39.2	39.0	39.2	39.4	39.6	39.3	39.4
NONDURABLE GOODS	39.7	39.8	39.8	39.8	39.9	39.1	39.8	39.9	39.7	39.9	40.0	39.9	39.9
Overtime hours	3.3	3.4	3.4	3.4	3.4	3.2	3.6	3.4	3.4	3.3	3.4	3.4	3.4
Food and kindred products	40.7	40.6	40.8	40.9	40.9	40.7	40.6	40.9	40.6	40.8	40.8	41.0	40.8
Tobacco manufactures	38.8	39.6	38.1	36.4	36.5	36.6	37.2	37.1	37.5	37.7	38.2	38.7	38.1
Textile mill products	41.4	41.2	41.0	41.1	40.9	39.9	40.6	41.2	41.1	41.2	41.4	41.2	41.5
Apparel and other textile products	35.9	36.2	36.1	36.0	36.0	35.2	36.2	36.1	36.0	36.3	36.4	36.1	36.2
Paper and allied products	43.2	42.9	43.0	43.4	43.2	42.5	43.5	43.2	43.0	43.1	43.2	43.0	43.1
Printing and publishing	38.4	38.4	38.4	38.3	38.3	37.9	38.4	38.5	38.4	38.6	38.5	38.5	38.3
Chemicals and allied products	41.7	41.9	41.8	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.8	41.8
Petroleum and coal products	42.7	42.3	43.0	42.9	43.2	42.6	41.8	42.7	42.6	42.6	42.5	42.2	42.7
Rubber and plastics products, nec	41.0	41.5	41.4	41.4	41.4	40.7	41.5	41.5	41.4	41.6	41.6	41.5	41.7
Leather and leather products	37.1	37.3	37.6	37.7	37.6	35.3	37.6	37.8	37.9	38.6	38.1	38.0	38.1
WHOLESALE AND RETAIL TRADE	35.7	35.7	35.7	35.6	35.7	35.7	35.8	35.7	35.8	35.9	36.1	36.2	36.1
WHOLESALE TRADE	40.2	40.1	40.1	40.2	40.1	40.1	40.1	40.0	40.0	40.1	40.2	40.2	40.1
RETAIL TRADE	34.1	34.3	34.3	34.1	34.3	34.2	34.4	34.3	34.5	34.5	34.7	34.8	34.8
FINANCE, INSURANCE, AND REAL ESTATE ...	36.8	37.2	37.0	37.1	37.1	37.1	37.2	37.0	36.9	37.1	37.1	37.1	37.0

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

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED

**C-8: Indexes of aggregate weekly man-hours in industrial and construction activities¹
seasonally adjusted**

1957-59=100													
Industry	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968	Nov. 1968	Oct. 1968	Sept. 1968	Aug. 1968	July 1968
TOTAL ...	119.0	118.7	118.1	118.1	118.3	116.8	117.4	116.9	115.9	116.0	116.2	115.5	116.0
MINING ...	79.5	78.3	81.7	82.8	81.1	82.5	82.0	81.7	81.3	70.3	80.7	80.4	80.8
CONTRACT CONSTRUCTION	117.7	119.5	119.3	117.4	117.7	118.0	117.7	115.3	110.0	113.8	112.9	112.2	111.6
MANUFACTURING ...	121.3	120.6	119.7	120.0	120.3	118.4	119.1	119.0	118.7	118.7	118.7	117.9	118.6
DURABLE GOODS	128.3	127.1	125.8	126.3	126.8	124.9	125.3	124.5	124.4	124.1	124.1	123.0	124.4
Ordnance and accessories	220.9	218.0	219.3	222.1	226.2	221.1	220.6	226.6	227.2	216.3	228.8	231.1	228.3
Lumber and wood products	95.2	94.7	95.3	94.2	96.3	95.9	94.2	96.0	94.2	94.2	95.0	94.6	94.2
Furniture and fixtures	136.5	135.5	135.6	135.9	134.2	132.3	132.9	130.8	130.4	130.2	129.6	129.0	128.1
Stone, clay, and glass products	112.9	114.0	113.3	113.6	115.7	115.9	114.2	113.9	112.0	112.4	111.8	111.0	110.6
Primary metal industries	113.2	113.9	112.2	111.9	112.9	111.5	111.0	110.0	108.1	107.7	108.5	105.9	111.4
Fabricated metal products	133.9	133.3	132.1	132.4	133.0	130.1	131.3	129.9	130.6	129.9	128.1	126.7	126.9
Machinery, except electrical	138.4	138.3	137.3	137.7	137.3	136.7	136.3	134.0	135.1	133.8	133.4	132.1	131.8
Electrical equipment and supplies	154.3	150.9	150.8	150.6	149.3	144.7	146.0	143.8	143.5	143.5	144.8	144.2	143.8
Transportation equipment	123.0	119.8	115.7	118.6	119.9	119.4	119.9	120.0	121.7	122.6	122.5	121.3	126.4
Instruments and related products	133.4	131.3	131.5	130.6	130.2	125.7	128.5	127.5	127.8	127.1	126.6	126.5	124.0
Miscellaneous manufacturing industries	113.2	111.1	110.8	112.3	111.2	106.3	112.4	111.8	110.5	110.4	110.3	109.8	110.4
NONDURABLE GOODS	112.1	112.1	111.8	111.7	111.8	109.8	111.0	111.8	111.3	111.7	111.5	111.3	111.0
Food and kindred products	96.1	96.5	97.4	97.6	97.8	97.9	96.9	97.3	96.0	96.5	96.4	96.8	96.1
Tobacco manufactures	81.6	83.3	80.2	75.5	76.8	77.0	80.5	78.0	80.0	80.5	83.8	87.3	83.6
Textile mill products	107.7	106.4	105.5	106.2	106.3	104.1	106.1	107.5	107.2	107.1	107.7	107.3	108.0
Apparel and other textile products	118.9	119.1	118.8	118.2	117.6	114.3	119.0	117.7	117.5	118.9	119.0	117.5	118.2
Paper and allied products	123.5	122.0	121.6	121.6	122.4	120.4	122.1	121.0	119.8	119.4	119.1	118.5	118.1
Printing and publishing	119.6	119.3	118.1	118.3	118.5	117.0	118.8	118.7	118.2	118.5	117.5	118.0	117.2
Chemicals and allied products	124.3	125.7	124.2	123.6	124.5	124.5	124.5	124.5	124.3	123.7	123.3	123.0	122.2
Petroleum and coal products	83.2	82.4	83.8	83.6	82.8	71.0	50.4	83.9	83.7	83.7	82.1	82.2	83.2
Rubber and plastics products, nec	165.1	166.1	164.2	163.5	163.5	160.4	162.0	161.0	159.8	161.0	159.9	159.5	158.8
Leather and leather products	90.2	91.3	92.3	92.5	92.6	87.2	94.1	94.3	95.2	97.0	95.4	95.5	93.5

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

NOTE: Data for the 2 most recent months are preliminary.

OUTPUT PER MAN-HOUR SEASONALLY ADJUSTED

C-9: Output per man-hour, hourly compensation, and unit labor costs,
private economy, seasonally adjusted

(Indexes 1957-59=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	
	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm
1966: 1st Quarter	143.2	144.8	109.4	113.7	130.9	127.3	139.2	135.5	124.9	121.6	106.3	106.5
2d Quarter	144.3	146.3	109.8	114.5	131.5	127.7	142.0	137.9	126.1	122.5	108.0	108.0
3d Quarter	145.3	147.4	110.5	115.5	131.5	127.6	144.0	139.6	126.7	122.9	109.5	109.4
4th Quarter	146.9	149.0	110.6	115.5	132.9	129.0	146.5	141.9	128.0	123.9	110.3	110.0
Annual average	144.9	146.9	110.1	114.8	131.7	127.9	142.9	138.8	126.5	122.8	108.5	108.5
1967: 1st Quarter	146.4	148.2	110.6	115.5	132.4	128.3	147.9	143.5	129.0	125.2	111.7	111.9
2d Quarter	147.2	148.9	109.6	114.9	134.4	129.6	150.3	145.5	130.1	126.0	111.9	112.3
3d Quarter	148.9	150.7	110.3	115.3	134.9	130.6	152.2	147.6	130.4	126.4	112.9	113.0
4th Quarter	150.2	152.1	110.9	116.0	135.4	131.1	154.3	149.7	131.1	127.2	114.0	114.2
Annual average	148.2	150.0	110.4	115.4	134.3	129.9	151.2	146.6	130.1	126.2	112.6	112.9
1968: 1st Quarter	152.4	154.3	111.2	116.4	137.0	132.6	158.5	153.6	133.3	129.2	115.7	115.9
2d Quarter	155.2	157.5	112.2	117.5	138.3	134.1	160.8	155.7	133.7	129.4	116.3	116.1
3d Quarter	156.7	159.0	112.7	118.3	139.0	134.4	163.7	158.1	134.5	129.8	117.8	117.6
4th Quarter	158.1	160.6	112.6	118.3	140.4	135.8	167.8	162.0	136.3	131.5	119.6	119.4
Annual average	155.6	157.9	112.2	117.6	138.7	134.2	162.7	157.4	134.4	130.0	117.4	117.3
1969: 1st Quarter	159.1	161.5	113.7	119.6	139.9	135.0	170.5	164.4	136.7	131.8	121.8	121.8
2d Quarter	160.0	162.5	114.7	120.7	139.5	134.6	172.7	166.4	136.2	131.2	123.8	123.7
Percent change from previous quarter ³												
1966: 1st Quarter	2.0	2.1	0.5	0.8	1.5	1.2	2.1	1.8	1.4	1.0	0.6	0.5
2d Quarter	0.8	1.0	0.4	0.7	0.4	0.3	2.0	1.8	0.9	0.7	1.6	1.5
3d Quarter	0.7	0.8	0.7	0.9	0.0	- 0.1	1.4	1.2	0.5	0.3	1.4	1.3
4th Quarter	1.1	1.1	0.1	0.0	1.0	1.1	1.8	1.6	1.0	0.8	0.7	0.5
1967: 1st Quarter	- 0.4	- 0.6	0.0	- 0.1	- 0.4	- 0.5	1.0	1.2	0.8	1.0	1.3	1.7
2d Quarter	0.6	0.5	- 0.9	- 0.5	1.5	1.0	1.6	1.3	0.9	0.6	0.1	0.3
3d Quarter	1.1	1.2	0.7	0.4	0.4	0.7	1.3	1.4	0.2	0.4	0.9	0.7
4th Quarter	0.9	1.0	0.5	0.6	0.4	0.4	1.4	1.4	0.5	0.6	1.0	1.1
1968: 1st Quarter	1.5	1.5	0.3	0.3	1.2	1.2	2.7	2.6	1.7	1.6	1.5	1.4
2d Quarter	1.8	2.0	0.9	0.9	0.9	1.1	1.5	1.3	0.3	0.2	0.5	0.2
3d Quarter	1.0	1.0	0.5	0.7	0.5	0.3	1.8	1.6	0.6	0.3	1.3	1.3
4th Quarter	0.9	1.0	- 0.1	0.0	0.9	1.0	2.5	2.5	1.3	1.3	1.6	1.5
1969: 1st Quarter	0.7	0.6	0.9	1.1	- 0.3	- 0.6	1.6	1.4	0.3	0.2	1.8	2.0
2d Quarter	0.6	0.6	0.9	0.9	- 0.3	- 0.3	1.3	1.2	- 0.4	- 0.5	1.6	1.5
Annual percent change ⁴												
Year ending -												
1968: 1st Quarter	2.7	2.5	0.1	0.4	2.6	2.2	6.0	5.9	3.0	2.9	3.4	3.7
2d Quarter	3.5	3.5	0.8	0.8	2.7	2.7	6.3	6.3	2.9	2.9	3.5	3.5
3d Quarter	4.3	4.4	1.3	1.5	2.9	2.8	6.8	6.7	2.9	2.8	3.8	3.7
4th Quarter	5.0	5.3	1.7	1.9	3.3	3.3	7.6	7.4	3.3	3.0	4.2	3.9
1969: 1st Quarter	5.1	5.4	2.1	2.4	2.9	2.9	7.7	7.4	3.1	2.7	4.7	4.3
2d Quarter	4.5	4.7	2.0	2.5	2.4	2.2	7.8	7.3	2.9	2.4	5.3	5.1

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 Percent change based on aggregates.

⁴ Average for 12 months ending with quarter, divided by average for preceding 12 months.

NOTE: Data for 1966, 1967, 1968, and 1st quarter 1969 have been revised to reflect new benchmark information on output, employment and compensation.

Source: Output data from the Office of Business Economics, 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.

ESTABLISHMENT DATA

STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
ALABAMA	\$111.10	\$110.42	\$105.42	41.3	41.2	42.0	\$2.69	\$2.68	\$2.51
Birmingham	132.02	131.43	131.82	41.0	41.2	42.8	3.22	3.19	3.08
Mobile	(*)	134.35	125.71	(*)	43.2	43.2	(*)	3.11	2.91
ALASKA	(*)	181.81	180.40	(*)	38.6	41.0	(*)	4.71	4.40
ARIZONA	126.69	125.97	124.53	41.0	40.9	41.1	3.09	3.08	3.03
Phoenix	128.54	127.51	123.30	41.2	41.0	41.1	3.12	3.11	3.00
Tucson	131.77	131.57	128.47	42.1	41.9	40.4	3.13	3.14	3.18
ARKANSAS	94.94	94.94	89.32	41.1	41.1	40.6	2.31	2.31	2.20
Fort Smith	91.48	90.17	86.83	40.3	39.9	40.2	2.27	2.26	2.16
Little Rock-North Little Rock	101.50	99.72	92.80	40.6	40.7	40.0	2.50	2.45	2.32
Pine Bluff	117.31	117.16	112.75	41.6	41.4	41.0	2.82	2.83	2.75
CALIFORNIA	146.97	144.32	140.13	40.6	40.2	40.5	3.62	3.59	3.46
Anaheim-Santa Ana-Garden Grove	147.85	145.49	138.43	41.3	41.1	41.2	3.58	3.54	3.36
Bakersfield	146.97	144.79	145.38	41.4	40.9	41.3	3.55	3.54	3.52
Fresno	124.49	120.98	115.67	39.9	38.9	38.3	3.12	3.11	3.02
Los Angeles-Long Beach	143.50	140.94	137.16	41.0	40.5	40.7	3.50	3.48	3.37
Oxnard-Ventura	129.65	128.90	122.76	38.7	39.3	39.6	3.35	3.28	3.10
Sacramento	153.65	151.32	148.50	38.8	39.1	39.6	3.96	3.87	3.75
Salinas-Monterey	125.63	126.06	125.85	37.5	38.2	39.7	3.35	3.30	3.17
San Bernardino-Riverside-Ontario	141.55	140.35	140.01	40.1	40.1	41.3	3.53	3.50	3.39
San Diego	161.52	158.32	152.56	41.1	40.7	40.9	3.93	3.89	3.73
San Francisco-Oakland	159.19	156.41	151.65	39.5	39.2	39.7	4.03	3.99	3.82
San Jose	155.50	153.54	145.30	40.6	40.3	40.7	3.83	3.81	3.57
Santa Barbara	139.54	133.38	126.81	40.8	39.0	38.9	3.42	3.42	3.26
Santa Rosa	129.50	129.88	122.85	38.2	38.2	39.0	3.39	3.40	3.15
Stockton	150.69	147.06	141.15	40.4	40.4	40.1	3.73	3.64	3.52
Vallejo-Napa	137.23	147.07	133.32	37.7	38.5	38.2	3.64	3.82	3.49
COLORADO	142.21	138.10	133.14	42.2	41.1	42.0	3.37	3.36	3.17
Denver	142.35	140.22	135.43	41.5	41.0	41.8	3.43	3.42	3.24
CONNECTICUT	137.67	136.83	128.21	42.1	42.1	41.9	3.27	3.25	3.06
Bridgeport	139.02	139.26	134.40	42.0	42.2	42.4	3.31	3.30	3.17
Hartford	151.20	147.15	138.24	43.7	42.9	42.8	3.46	3.43	3.23
New Britain	137.61	138.51	128.75	41.7	42.1	41.4	3.30	3.29	3.11
New Haven	138.27	137.85	129.89	41.9	41.9	41.9	3.30	3.29	3.10
Stamford	146.03	146.38	130.10	42.7	42.8	41.3	3.42	3.42	3.15
Waterbury	127.98	130.05	119.52	42.1	42.5	41.5	3.04	3.06	2.88
DELAWARE	130.15	128.93	129.27	40.8	40.8	41.3	3.19	3.16	3.13
Wilmington	146.93	144.63	143.66	40.7	40.4	41.4	3.61	3.58	3.47
DISTRICT OF COLUMBIA Washington SMSA	(*)	139.70	129.75	(*)	39.8	39.8	(*)	3.51	3.26
FLORIDA	113.28	112.32	106.08	41.8	41.6	41.6	2.71	2.70	2.55
Fort Lauderdale-Hollywood	111.10	111.52	102.36	40.4	41.0	40.3	2.75	2.72	2.54
Jacksonville	(*)	112.61	109.08	(*)	41.1	40.7	(*)	2.74	2.68
Miami	106.30	106.86	98.81	41.2	41.1	41.0	2.58	2.60	2.41
Orlando	(*)	116.60	109.52	(*)	44.0	41.8	(*)	2.65	2.62
Pensacola	(*)	129.36	126.95	(*)	42.0	42.6	(*)	3.08	2.98
Tampa-St. Petersburg	(*)	115.79	109.78	(*)	41.8	41.9	(*)	2.77	2.62
West Palm Beach	(*)	119.84	118.55	(*)	40.9	44.4	(*)	2.93	2.67
GEORGIA	103.91	102.50	97.88	41.4	41.0	41.3	2.51	2.50	2.37
Atlanta	131.24	131.14	123.31	41.4	41.5	41.8	3.17	3.16	2.95
Savannah	127.07	123.55	119.00	41.8	41.6	42.2	3.04	2.97	2.82
HAWAII	114.95	117.96	105.60	39.1	38.3	39.7	2.94	3.08	2.66
Honolulu	114.07	115.60	104.28	38.8	37.9	39.8	2.94	3.05	2.62
IDAHO	125.06	119.25	124.34	39.7	38.1	40.9	3.15	3.13	3.04
ILLINOIS	141.57	140.25	132.41	41.3	41.0	41.0	3.43	3.42	3.23
Chicago	(*)	142.50	135.10	(*)	41.2	41.3	(*)	3.46	3.27
Davenport-Rock Island-Moline	(*)	154.23	141.79	(*)	40.1	39.3	(*)	3.84	3.61

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA

STATE AND AREA HOURS AND EARNINGS

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**C-10: 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		
	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
ILLINOIS (continued)									
Peoria	(*)	\$156.49	\$152.32	(*)	41.4	42.1	(*)	\$3.78	\$3.62
Rockford	(*)	140.28	128.35	(*)	41.6	40.5	(*)	3.37	3.17
INDIANA	(*)	143.15	138.11	(*)	40.9	41.6	(*)	3.50	3.32
Indianapolis	(*)	139.60	140.36	(*)	40.0	41.9	(*)	3.49	3.35
IOWA	\$136.00	134.58	127.49	40.0	39.7	40.1	\$3.40	3.39	3.18
Cedar Rapids	135.20	136.86	128.01	40.6	41.1	40.7	3.33	3.33	3.15
Des Moines	145.27	138.57	133.67	39.8	38.6	39.6	3.65	3.59	3.37
Dubuque	140.59	142.49	138.35	36.9	37.4	38.3	3.81	3.81	3.62
Sioux City	141.70	140.15	129.25	43.2	42.6	42.7	3.28	3.29	3.02
Waterloo	155.09	145.16	151.26	40.6	38.0	40.4	3.82	3.82	3.74
KANSAS	(*)	129.17	126.06	(*)	42.4	42.9	(*)	3.05	2.94
Topeka	(*)	148.00	135.70	(*)	44.6	43.7	(*)	3.32	3.10
Wichita	(*)	131.52	133.23	(*)	41.8	42.8	(*)	3.15	3.11
KENTUCKY	125.75	122.27	119.72	40.6	39.8	41.0	3.10	3.07	2.92
Louisville	136.90	134.56	134.75	40.0	39.2	41.1	3.42	3.43	3.28
LOUISIANA	129.86	128.63	122.25	42.3	41.9	42.3	3.07	3.07	2.89
Baton Rouge	154.03	156.34	141.38	42.2	42.6	41.1	3.65	3.67	3.44
New Orleans	132.80	131.93	127.20	41.5	41.1	42.4	3.20	3.21	3.00
Shreveport	123.81	125.42	111.04	42.4	43.1	41.9	2.92	2.91	2.65
MAINE	104.04	102.97	98.57	40.8	40.7	40.9	2.55	2.53	2.41
Lewiston-Auburn	85.70	85.10	84.14	37.1	37.0	37.9	2.31	2.30	2.22
Portland	109.33	108.53	99.18	41.1	40.8	39.2	2.66	2.66	2.53
MARYLAND	(*)	129.34	124.84	(*)	40.8	41.2	(*)	3.17	3.03
Baltimore	(*)	133.74	128.75	(*)	40.9	41.4	(*)	3.27	3.11
MASSACHUSETTS	120.80	121.40	114.74	40.0	40.2	40.4	3.02	3.02	2.84
Boston	128.77	130.40	122.61	39.5	40.0	40.2	3.26	3.26	3.05
Brockton	105.05	104.56	102.03	38.2	38.3	39.7	2.75	2.73	2.57
Fall River	93.47	91.69	86.28	36.8	36.1	36.1	2.54	2.54	2.39
Lawrence-Haverhill	113.83	113.98	105.85	40.8	41.0	40.4	2.79	2.78	2.62
Lowell	104.37	104.93	96.72	38.8	39.3	39.0	2.69	2.67	2.48
New Bedford	103.62	101.53	97.02	39.4	38.9	39.6	2.63	2.61	2.45
Springfield-Chicopee-Holyoke	124.14	124.85	119.89	40.7	40.8	41.2	3.05	3.06	2.91
Worcester	128.02	127.08	120.60	40.9	40.6	40.2	3.13	3.13	3.00
MICHIGAN	164.86	163.26	165.19	41.8	41.7	43.7	3.94	3.92	3.78
Ann Arbor	160.33	168.17	169.09	41.1	42.2	43.4	3.90	3.99	3.90
Battle Creek	163.68	168.59	153.44	43.2	44.1	43.1	3.79	3.82	3.56
Bay City	150.30	152.81	139.51	41.6	42.2	40.9	3.61	3.62	3.41
Detroit	177.17	171.93	174.74	42.6	41.7	44.6	4.16	4.12	3.92
Flint	185.88	173.82	179.44	42.4	40.2	42.3	4.38	4.32	4.24
Grand Rapids	143.43	142.90	133.65	41.3	41.3	41.3	3.47	3.46	3.24
Jackson	161.84	157.10	147.76	42.4	41.2	39.7	3.82	3.81	3.72
Kalamazoo	163.35	157.24	140.28	43.9	43.4	42.0	3.72	3.62	3.34
Lansing	174.81	166.51	169.03	41.7	42.1	43.0	4.19	3.96	3.93
Muskegon-Muskegon Heights	143.09	145.73	138.66	42.0	42.9	41.0	3.41	3.40	3.38
Saginaw	167.77	168.16	162.17	41.2	41.3	42.2	4.07	4.07	3.84
MINNESOTA	135.95	134.29	128.88	41.2	41.0	41.4	3.30	3.28	3.11
Duluth-Superior	122.84	119.72	121.21	38.3	37.8	39.9	3.20	3.17	3.04
Minneapolis-St. Paul	144.31	142.52	135.74	41.8	41.7	41.8	3.45	3.42	3.25
MISSISSIPPI	93.96	94.66	92.13	40.5	40.8	41.5	2.32	2.32	2.22
Jackson	91.76	91.13	91.54	40.6	40.5	41.8	2.26	2.25	2.19
MISSOURI	126.08	126.63	124.03	39.9	40.2	40.8	3.16	3.15	3.04
Kansas City	(*)	128.30	128.23	(*)	40.6	41.1	(*)	3.16	3.12
St. Joseph	133.11	130.93	121.98	42.8	42.1	42.5	3.11	3.11	2.87
St. Louis	143.72	144.49	138.84	40.6	40.7	41.2	3.54	3.55	3.37
MONTANA	137.54	137.42	130.98	40.1	40.3	40.3	3.43	3.41	3.25
NEBRASKA	127.25	127.80	119.69	43.4	43.4	43.5	2.93	2.94	2.75
Omaha	128.47	128.84	122.16	42.0	42.2	42.3	3.06	3.05	2.89

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
NEVADA.....	\$164.02	\$161.18	\$151.62	40.8	40.6	39.9	\$4.02	\$3.97	\$3.80
NEW HAMPSHIRE.....	104.00	103.46	98.58	40.0	40.1	40.4	2.60	2.58	2.44
Manchester.....	93.21	93.80	89.78	38.2	38.6	38.7	2.44	2.43	2.32
NEW JERSEY.....	133.81	133.08	125.97	41.3	41.2	40.9	3.24	3.23	3.08
Atlantic City.....	104.93	103.88	98.50	39.3	39.8	39.4	2.67	2.61	2.50
Camden ²	134.15	132.75	127.30	40.9	41.1	40.8	3.28	3.23	3.12
Jersey City ³	137.01	136.78	126.07	41.9	41.7	40.8	3.27	3.28	3.09
Newark ³	133.58	133.99	126.69	41.1	41.1	41.0	3.25	3.26	3.09
Paterson-Clifton-Passaic ³	132.75	133.40	125.46	41.1	41.3	41.0	3.23	3.23	3.06
Perth Amboy ³	139.36	139.59	131.29	41.6	41.3	40.9	3.35	3.38	3.21
Trenton.....	124.34	125.37	123.93	39.6	39.8	40.5	3.14	3.15	3.06
NEW MEXICO.....	108.28	99.71	103.63	42.8	39.1	40.8	2.53	2.55	2.54
Albuquerque.....	122.48	107.98	112.74	43.9	39.7	41.6	2.79	2.72	2.71
NEW YORK.....	(*)	127.12	121.60	(*)	39.6	40.0	(*)	3.21	3.04
Albany-Schenectady-Troy.....	(*)	139.67	128.07	(*)	41.2	40.4	(*)	3.39	3.17
Binghamton.....	(*)	129.58	119.14	(*)	41.4	40.8	(*)	3.13	2.92
Buffalo.....	(*)	149.74	149.60	(*)	40.8	42.5	(*)	3.67	3.52
Elmira.....	(*)	122.09	111.67	(*)	39.9	39.6	(*)	3.06	2.82
Monroe County ⁴	(*)	150.10	143.87	(*)	40.9	41.7	(*)	3.67	3.45
Nassau and Suffolk Counties ⁵	(*)	129.28	125.97	(*)	40.4	41.3	(*)	3.20	3.05
New York-Northeastern New Jersey.....	(*)	126.32	119.99	(*)	39.6	39.6	(*)	3.19	3.03
New York SMSA ³	(*)	121.20	115.24	(*)	38.6	38.8	(*)	3.14	2.97
New York City ⁵	(*)	119.57	113.07	(*)	38.2	38.2	(*)	3.13	2.96
Rochester.....	(*)	146.78	140.19	(*)	41.0	41.6	(*)	3.58	3.37
Rockland County ⁵	(*)	132.68	125.58	(*)	42.8	42.0	(*)	3.10	2.99
Syracuse.....	(*)	135.27	129.56	(*)	40.5	41.0	(*)	3.34	3.16
Utica-Rome.....	(*)	117.81	115.02	(*)	39.8	40.5	(*)	2.96	2.84
Westchester County ⁵	(*)	124.43	116.52	(*)	39.5	39.1	(*)	3.15	2.98
NORTH CAROLINA.....	94.53	93.38	89.19	41.1	40.6	41.1	2.30	2.30	2.17
Asheville.....	93.56	91.21	89.79	41.4	40.9	41.0	2.26	2.23	2.19
Charlotte.....	101.50	100.77	95.56	41.6	41.3	41.4	2.44	2.44	2.26
Greensboro-Winston-Salem-High Point.....	102.11	100.19	93.77	40.2	39.6	39.9	2.54	2.53	2.35
Raleigh.....	95.51	96.29	87.78	40.3	40.8	39.9	2.37	2.36	2.20
NORTH DAKOTA.....	110.47	113.12	108.77	38.1	40.7	40.1	2.90	2.78	2.71
Fargo-Moorhead.....	125.15	123.89	124.43	39.3	39.2	41.6	3.18	3.16	2.99
OHIO.....	153.60	151.53	142.20	42.3	42.0	41.8	3.63	3.61	3.40
Akron.....	170.24	166.98	161.70	43.2	42.6	43.6	3.94	3.92	3.71
Canton.....	150.07	150.82	140.08	41.5	41.9	41.8	3.62	3.60	3.35
Cincinnati.....	140.08	137.89	131.46	42.0	41.7	41.7	3.34	3.31	3.15
Cleveland.....	162.37	158.01	147.52	43.4	42.6	42.2	3.74	3.71	3.50
Columbus.....	141.55	137.87	130.86	41.0	40.5	40.4	3.45	3.40	3.24
Dayton.....	172.73	173.14	158.04	42.7	42.9	42.1	4.05	4.04	3.75
Toledo.....	164.88	163.37	154.29	42.8	42.5	42.6	3.85	3.84	3.62
Youngstown-Warren.....	161.48	156.58	148.23	41.6	40.8	40.9	3.88	3.84	3.62
OKLAHOMA.....	120.01	120.42	114.12	41.1	41.1	41.2	2.92	2.93	2.77
Oklahoma City.....	117.31	115.90	107.94	41.6	41.1	41.2	2.82	2.82	2.62
Tulsa.....	132.80	132.70	126.65	41.5	41.6	41.8	3.20	3.19	3.03
OREGON.....	138.77	139.87	136.21	39.2	39.4	40.3	3.54	3.55	3.38
Eugene.....	142.74	141.60	146.01	39.0	40.0	42.2	3.66	3.54	3.46
Portland.....	141.05	140.37	132.66	39.4	39.1	39.6	3.58	3.59	3.35
PENNSYLVANIA.....	128.39	127.35	120.29	40.5	40.3	40.5	3.17	3.16	2.97
Allentown-Bethlehem-Easton.....	122.93	120.12	115.34	39.4	39.0	39.5	3.12	3.08	2.92
Altoona.....	107.46	108.13	98.25	39.8	39.9	39.3	2.70	2.71	2.50
Erie.....	135.88	134.82	129.93	42.2	42.0	42.6	3.22	3.21	3.05
Harrisburg.....	118.61	117.22	109.89	40.9	40.7	40.7	2.90	2.88	2.70
Johnstown.....	127.49	126.21	120.59	38.4	37.9	38.9	3.32	3.33	3.10
Lancaster.....	115.37	115.26	107.33	40.2	40.3	40.2	2.87	2.86	2.67
Philadelphia.....	136.08	135.94	127.26	40.5	40.7	40.4	3.36	3.34	3.15
Pittsburgh.....	146.83	145.35	139.33	40.9	40.6	41.1	3.59	3.58	3.39
Reading.....	115.37	116.18	109.89	40.2	40.2	40.7	2.87	2.89	2.70
Scranton.....	102.18	97.92	95.59	39.0	38.1	38.7	2.62	2.57	2.47
Wilkes-Barre-Hazleton.....	94.38	94.37	87.19	37.6	37.3	37.1	2.51	2.53	2.35
York.....	120.70	120.98	112.20	42.5	42.6	42.5	2.84	2.84	2.64

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA

STATE AND AREA HOURS AND EARNINGS

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**C-10: 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		
	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968	June 1969	May 1969	June 1968
RHODE ISLAND	\$107.33	\$106.40	\$102.72	40.2	40.0	40.6	\$2.67	\$2.66	\$2.53
Providence-Pawtucket-Warwick	108.54	107.46	103.93	40.2	40.1	40.6	2.70	2.68	2.56
SOUTH CAROLINA	97.29	95.94	90.86	41.4	41.0	41.3	2.35	2.34	2.20
Charleston	111.38	113.42	109.20	40.8	41.7	42.0	2.73	2.72	2.60
Greenville	97.48	95.86	90.06	42.2	41.5	41.5	2.31	2.31	2.17
SOUTH DAKOTA	119.84	121.27	123.76	42.8	42.7	46.7	2.80	2.84	2.65
Sioux Falls	140.90	144.14	135.61	45.6	46.2	46.6	3.09	3.12	2.91
TENNESSEE	103.68	103.02	100.86	40.5	40.4	41.0	2.56	2.55	2.46
Chattanooga	114.39	113.57	110.15	41.9	41.6	41.1	2.73	2.73	2.68
Knoxville	114.97	116.06	114.24	40.2	40.3	40.8	2.86	2.88	2.80
Memphis	116.75	114.80	111.90	41.4	41.0	41.6	2.82	2.80	2.69
Nashville	113.48	112.96	107.73	40.1	40.2	40.5	2.83	2.81	2.66
TEXAS	124.38	123.90	120.51	41.6	41.3	41.7	2.99	3.00	2.89
Amarillo	111.38	112.34	101.25	41.1	41.0	40.5	2.71	2.74	2.50
Austin	101.30	100.50	96.16	40.2	40.2	39.9	2.52	2.50	2.41
Beaumont-Port Arthur-Orange	164.77	164.39	151.89	41.4	41.2	41.5	3.98	3.99	3.66
Corpus Christi	144.67	143.56	138.42	42.3	42.6	42.2	3.42	3.37	3.28
Dallas	117.01	117.58	113.58	41.2	41.4	41.3	2.84	2.84	2.75
El Paso	(*)	(*)	84.44	(*)	(*)	40.4	(*)	(*)	2.09
Fort Worth	133.14	134.40	129.55	42.4	42.0	42.2	3.14	3.20	3.07
Galveston-Texas City	187.89	182.75	179.25	43.9	42.9	44.7	4.28	4.26	4.01
Houston	147.80	147.99	143.34	43.6	43.4	43.7	3.39	3.41	3.28
Lubbock	106.58	105.41	103.28	43.5	43.2	45.3	2.45	2.44	2.28
San Antonio	102.05	100.56	95.08	42.7	41.9	41.7	2.39	2.40	2.28
Waco	102.68	104.64	105.32	38.6	38.9	41.3	2.66	2.69	2.55
Wichita Falls	105.32	99.30	96.24	43.7	41.9	40.1	2.41	2.37	2.40
UTAH	133.17	128.84	130.79	40.6	39.4	41.0	3.28	3.27	3.19
Salt Lake City	124.40	120.36	125.10	40.0	38.7	41.7	3.11	3.11	3.00
VERMONT	116.34	116.20	110.50	42.0	42.1	42.5	2.77	2.76	2.60
Burlington	134.84	130.98	118.80	45.4	44.4	43.2	2.97	2.95	2.75
Springfield	128.64	127.92	119.19	41.1	41.0	41.1	3.13	3.12	2.90
VIRGINIA	107.74	106.30	102.83	41.6	41.2	41.8	2.59	2.58	2.46
Lynchburg	101.18	100.28	99.33	41.3	41.1	43.0	2.45	2.44	2.31
Norfolk-Portsmouth	113.82	114.78	114.91	42.0	42.2	43.2	2.71	2.72	2.66
Richmond	118.78	116.52	110.70	41.1	40.6	41.0	2.89	2.87	2.70
Roanoke	99.36	98.47	96.56	41.4	41.2	41.8	2.40	2.39	2.31
WASHINGTON	(*)	149.35	141.60	(*)	39.2	40.0	(*)	3.81	3.54
Seattle-Everett	(*)	152.49	143.96	(*)	39.1	40.1	(*)	3.90	3.59
Spokane	(*)	144.44	144.13	(*)	39.9	40.6	(*)	3.62	3.55
Tacoma	(*)	144.00	134.78	(*)	38.4	38.4	(*)	3.75	3.51
WEST VIRGINIA	128.56	127.52	124.03	40.3	40.1	40.4	3.19	3.18	3.07
Charleston	155.03	157.25	147.00	41.9	42.5	42.0	3.70	3.70	3.50
Huntington-Ashland	140.35	140.76	138.00	40.8	40.8	40.0	3.44	3.45	3.45
Wheeling	130.25	130.17	122.40	40.2	40.3	40.0	3.24	3.23	3.06
WISCONSIN	140.19	139.62	132.00	41.5	41.3	41.4	3.38	3.38	3.19
Green Bay	143.23	144.84	132.03	42.6	42.9	42.6	3.36	3.37	3.10
Kenosha	164.73	159.01	138.17	42.9	41.8	39.4	3.84	3.80	3.51
La Crosse	115.99	116.04	111.39	40.6	40.4	40.8	2.86	2.88	2.73
Madison	149.97	147.98	139.95	41.2	40.5	41.1	3.64	3.65	3.40
Milwaukee	150.12	150.32	143.42	41.2	41.1	41.3	3.64	3.66	3.47
Racine	139.79	143.18	134.68	40.5	41.0	40.6	3.46	3.49	3.32
WYOMING	121.41	134.20	114.39	38.3	40.3	36.9	3.17	3.33	3.10
Casper	146.83	190.28	142.16	39.9	47.1	40.5	3.68	4.04	3.51

¹ Initial inclusion in this publication. (See table B-7 for area definition.)

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.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA LABOR TURNOVER

D-1: Labor turnover rates in manufacturing

1958 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 ¹	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	3.9	4.3	4.6	5.9	5.0	5.7	5.7	5.0	3.8	3.0	4.6
1969.....	4.6	3.9	4.4	4.5	4.8	6.5							
New hires													
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
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	4.5	4.0	2.9	2.2	3.5
1969.....	3.3	3.0	3.4	3.5	3.8	5.3							
Total separations													
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 ¹	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	4.9	4.1	3.8	4.6
1969.....	4.5	4.0	4.4	4.5	4.6	4.5							
Quits													
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
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	2.2	2.3	3.7	4.1	2.8	2.1	1.6	2.5
1969.....	2.3	2.1	2.4	2.6	2.7	2.7							
Layoffs													
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
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	.8	1.7	1.2	1.1	1.2	1.2	1.4	1.2
1969.....	1.2	1.0	1.0	.9	.9	.8							

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.

Data for the current month are preliminary.

ESTABLISHMENT DATA LABOR TURNOVER

D-2: Labor turnover rates, by industry

		(Per 100 employees)									
SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969
	MANUFACTURING	6.5	4.8	5.3	3.8	4.5	4.6	2.7	2.7	0.8	0.9
19,24,25,32-39	DURABLE GOODS	6.2	4.5	5.1	3.6	4.3	4.4	2.5	2.5	.7	.9
20-23,26-31	NONDURABLE GOODS	6.9	5.2	5.6	4.0	4.7	4.9	3.0	3.0	.9	1.0
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	3.8	2.3	2.8	1.7	3.0	3.3	1.7	1.8	.6	.6
192	Ammunition, except for small arms	3.4	2.2	2.6	1.6	3.0	3.4	1.6	1.9	.7	.7
24	LUMBER AND WOOD PRODUCTS	8.9	7.5	7.8	6.3	6.3	6.8	4.4	5.2	.8	.5
242	Sawmills and planing mills	7.6	6.5	6.7	5.7	6.0	6.1	4.3	4.7	.6	.4
2421	Sawmills and planing mills, general	7.6	6.3	6.8	5.4	5.9	5.7	4.2	4.3	.6	.4
243	Millwork, plywood & related products	7.2	6.2	6.5	5.6	5.7	6.2	3.7	4.6	1.2	.7
2431	Millwork	7.2	5.0	6.5	4.6	5.5	5.8	3.5	3.9	1.2	1.0
2432	Veneer and plywood	6.4	6.0	5.8	5.3	5.9	6.4	3.9	4.8	1.3	.5
244	Wooden containers	10.5	10.0	10.1	9.1	7.8	9.4	5.9	7.8	.3	.4
2441,2	Wooden boxes, shooks, and crates	9.6	9.7	9.3	8.9	7.4	9.2	5.7	7.4	.4	.5
249	Miscellaneous wood products	8.0	7.1	6.9	6.2	5.8	6.4	4.1	4.8	.5	.5
25	FURNITURE AND FIXTURES	7.5	6.4	6.9	5.8	5.7	6.5	3.9	4.9	.5	.4
251	Household furniture	7.1	6.5	6.5	5.9	5.8	6.7	3.8	5.1	.5	.4
2511	Wood household furniture	7.6	6.4	6.8	5.8	5.4	6.7	4.1	5.2	.3	.2
2512	Upholstered household furniture	5.0	4.9	4.6	4.6	4.1	5.4	2.9	3.9	.6	.6
2515	Mattresses and bedsprings	8.9	7.7	8.2	7.2	6.6	7.0	4.2	5.6	.8	.3
252	Office furniture	8.6	6.2	7.9	5.9	5.9	5.2	4.9	4.0	.1	.2
32	STONE, CLAY, AND GLASS PRODUCTS	7.4	5.5	6.2	4.6	4.7	4.9	3.1	3.1	.6	.7
321	Flat glass	6.1	3.1	1.5	.7	3.7	5.4	.6	.5	2.6	4.4
322	Glass and glassware, pressed or blown	6.7	5.2	5.4	3.9	4.5	4.5	2.6	2.6	.6	.6
3221	Glass containers	7.3	6.5	6.4	5.2	4.6	5.1	2.9	3.3	.5	.5
3229	Pressed and blown glass, n e c	5.9	3.5	4.0	2.2	4.5	3.7	2.2	1.6	.8	.7
324	Cement, hydraulic	4.3	2.5	4.0	2.3	1.6	1.5	.9	.8	.1	(1)
325	Structural clay products	8.7	7.2	8.1	6.4	6.6	6.7	5.0	4.9	.6	.6
3251	Brick and structural clay tile	8.8	7.6	8.1	7.0	7.1	7.5	6.1	5.8	.1	.4
326	Pottery and related products	6.0	5.4	5.6	4.9	5.4	5.0	3.9	3.7	.2	.2
3291	Abrasive products	4.9	2.2	4.7	1.9	2.3	1.9	1.7	1.2	(1)	.1
33	PRIMARY METAL INDUSTRIES	6.3	4.2	5.5	3.4	3.4	3.6	2.0	1.9	.2	.4
331	Blast furnace and basic steel products	5.9	3.8	5.0	2.9	2.4	2.4	1.1	1.1	.2	.1
3312	Blast furnaces and steel mills	5.9	3.7	5.0	2.8	2.2	2.2	.9	.9	.1	.1
332	Iron and steel foundries	8.1	5.6	7.5	4.7	5.6	6.0	4.1	3.6	.2	.8
3321	Gray iron foundries	8.9	5.6	8.3	4.6	6.0	6.1	4.6	3.7	.2	1.0
3322	Malleable iron foundries	7.9	5.5	7.1	4.6	6.0	5.9	4.0	3.6	.1	.7
3323	Steel foundries	6.5	5.5	5.8	4.9	4.7	5.8	2.9	3.4	.4	.3
333,4	Nonferrous metals	7.5	3.5	6.4	3.2	3.4	3.3	2.2	2.0	.1	.2
335	Nonferrous rolling and drawing	4.8	3.5	3.9	2.5	3.3	3.6	1.8	1.6	.2	.8
3351	Copper rolling and drawing	4.7	2.9	4.1	2.5	2.8	2.8	1.4	1.3	.1	.2
3352	Aluminum rolling and drawing	4.0	2.6	3.0	1.9	3.3	3.9	1.7	1.8	.3	.4
3357	Nonferrous wire drawing, and insulating	6.0	5.1	5.1	3.4	3.6	4.2	2.3	1.6	.2	1.8
336	Nonferrous foundries	8.0	6.3	6.9	5.6	6.0	6.1	3.9	3.8	.6	.9
3361	Aluminum castings	7.7	6.3	6.2	5.7	5.6	6.0	3.7	3.8	.2	.9
3362,9	Other nonferrous castings	8.3	6.2	7.8	5.4	6.4	6.2	4.1	3.9	1.0	.8
339	Miscellaneous primary metal products	5.3	3.3	5.1	3.0	3.1	3.7	2.0	2.0	.2	.5
3391	Iron and steel forgings	(2)	2.9	(2)	2.7	(2)	3.3	(2)	1.6	(2)	.5

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)											
SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969
	<i>Durable Goods--Continued</i>										
34	FABRICATED METAL PRODUCTS	7.3	5.3	6.5	4.5	5.1	5.4	3.3	3.1	0.7	1.1
341	Metal cans	5.3	5.3	3.5	3.6	2.7	4.0	1.2	1.5	.5	1.0
342	Cutlery, hand tools, and hardware	6.0	4.1	4.9	3.0	4.7	5.4	2.6	2.3	1.0	2.0
3421,3,5	Cutlery and hand tools, incl. saws	4.4	3.9	3.9	3.6	4.1	4.1	2.6	2.6	.5	.4
3429	Hardware, n e c	(2)	4.2	(2)	2.6	(2)	6.3	(2)	2.1	(2)	3.1
343	Plumbing and heating, except electric	6.1	4.9	5.8	4.4	5.3	5.0	3.3	3.1	.6	.5
3431,2	Sanitary ware & plumbers' brass goods	5.3	4.7	4.9	4.2	4.3	5.5	3.2	3.3	.1	.8
3433	Heating equipment, except electric	6.9	4.9	6.6	4.6	6.1	4.5	3.4	2.9	1.0	.3
344	Fabricated structural metal products	8.5	6.2	7.8	5.6	5.4	5.5	3.4	3.3	.7	.8
3441	Fabricated structural steel	7.6	5.8	7.0	5.2	5.2	5.8	3.3	3.5	.8	.9
3443	Fabricated plate work (boiler shops)	5.7	3.7	5.1	3.3	4.3	4.0	2.5	2.4	.9	.6
3446,9	Architectural and misc. metal work	10.8	7.9	9.5	7.0	6.1	6.2	3.8	3.4	.9	1.3
345	Screw machine products, bolts, etc.	6.6	4.1	5.9	3.7	4.2	4.5	2.9	3.1	.4	.5
3452	Bolts, nuts, rivets, and washers	6.2	3.6	5.4	3.3	3.3	3.9	2.3	2.4	.2	.5
346	Metal stampings	(2)	4.5	(2)	3.2	(2)	5.3	(2)	2.3	(2)	2.0
348	Misc. fabricated wire products	7.8	6.3	7.2	5.9	6.1	6.6	4.4	4.2	.3	1.0
349	Misc. fabricated metal products	6.8	4.6	6.2	4.2	4.0	4.6	2.8	3.1	.3	.5
3494,8	Valves, pipe, and pipe fittings	5.9	4.1	5.2	3.7	3.9	4.3	2.6	2.8	.2	.4
35	MACHINERY, EXCEPT ELECTRICAL	5.7	3.5	4.7	2.9	3.5	3.5	2.0	1.9	.5	.6
351	Engines and turbines	3.9	3.8	2.5	2.1	2.5	4.2	1.0	1.4	.3	1.3
3511	Steam engines and turbines	2.0	2.1	1.7	1.4	1.1	2.2	.7	1.0	(1)	(1)
3519	Internal combustion engines, n e c	5.0	4.7	2.9	2.5	3.2	5.2	1.2	1.6	.4	2.0
352	Farm machinery	4.6	2.8	2.7	1.8	5.2	5.4	1.8	2.0	2.6	2.3
353	Construction and related machinery	5.9	3.4	5.6	3.0	3.4	3.1	2.3	1.9	.2	.2
3531,2	Construction and mining machinery	5.4	2.9	5.1	2.4	3.0	2.6	2.0	1.5	.2	.1
3533	Oil field machinery	6.5	4.4	6.1	4.1	4.0	4.0	2.7	2.8	(1)	(1)
3535,6	Conveyors, hoists, cranes, monorails	5.8	3.6	5.6	3.2	3.5	3.2	2.3	2.2	.1	.1
354	Metal working machinery	4.8	3.2	4.1	2.4	2.9	3.1	1.8	1.7	.3	.6
3541	Machine tools, metal cutting types	3.6	2.1	3.3	1.7	2.0	2.1	1.2	1.3	.2	.2
3545	Machine tool accessories	5.1	2.9	4.4	2.5	3.0	2.5	2.2	1.8	.3	.2
3542,8	Misc. metal working machinery	3.3	2.4	3.0	2.1	1.9	2.5	1.3	1.6	.1	.2
355	Special industry machinery	4.5	2.9	4.1	2.7	3.0	2.8	1.8	1.9	.2	.2
3551	Food products machinery	4.7	2.8	4.3	2.6	2.4	2.8	1.5	1.7	.3	.4
3552	Textile machinery	4.0	3.0	3.7	2.5	3.3	3.1	2.0	2.2	.4	.1
356	General industrial machinery	5.0	3.6	4.5	3.0	2.9	3.4	1.8	1.9	.1	.5
3561	Pumps and compressors	4.4	3.1	3.8	2.6	2.5	3.1	1.6	1.9	.1	.3
3562	Ball and roller bearings	4.4	3.1	3.5	1.7	2.4	3.5	1.8	1.2	.1	1.1
3566	Power transmission equipment	6.1	4.1	5.4	3.5	3.0	3.3	1.8	2.1	.1	.2
357	Office and computing machines	6.3	3.3	5.4	2.8	3.6	3.1	2.1	1.8	.3	.2
3573	Electronic computing equipment	5.8	2.5	4.7	1.9	3.4	2.2	2.0	1.3	.3	.1
358	Service industry machines	10.7	5.1	7.1	4.6	5.2	4.4	2.8	2.7	.9	.3
3585	Refrigeration machinery	8.1	5.4	7.4	4.9	5.0	4.4	2.7	2.7	.6	.2
36	ELECTRICAL EQUIPMENT AND SUPPLIES	5.3	4.0	4.3	3.2	3.6	3.9	2.2	2.2	.4	.6
361	Electric test & distributing equipment	4.8	3.5	4.1	3.0	3.2	3.1	2.1	2.1	.1	.2
3611	Electric measuring instruments	5.1	3.8	4.2	3.2	3.5	3.6	2.1	2.3	.2	.3
3612	Transformers	5.0	4.0	4.5	3.4	3.6	3.1	2.6	2.1	.2	.2
3613	Switchgear and switchboard apparatus	4.4	2.8	3.8	2.5	2.8	1.7	1.9	(1)	.1	.1
362	Electrical industrial apparatus	5.2	3.4	4.3	2.9	3.4	3.4	2.2	2.1	.4	.5
3621	Motors and generators	5.0	3.7	4.4	2.9	3.5	3.6	2.2	2.2	.4	.7
3622	Industrial controls	5.7	3.1	4.1	2.6	3.8	3.1	2.4	1.9	.4	.5
363	Household appliances	5.4	5.5	4.5	4.1	3.4	4.9	2.2	2.2	.2	1.2
3632	Household refrigerators and freezers	4.0	4.4	3.2	3.7	2.5	4.5	1.7	1.7	.2	1.4
3633	Household laundry equipment	(2)	8.1	(2)	3.6	(2)	5.5	(2)	1.5	(2)	3.2
3634	Electric housewares and fans	6.9	6.4	5.8	5.5	5.2	5.8	3.4	3.2	.3	1.1
364	Electric lighting and wiring equipment	5.7	4.8	5.0	4.0	4.3	4.8	2.7	2.8	.7	.9
3641	Electric lamps	3.3	2.6	3.0	1.9	2.4	2.7	1.7	1.7	(1)	.4
3642	Lighting fixtures	5.4	4.9	6.4	4.0	4.3	4.9	2.2	2.5	1.2	1.2
3643,4	Wiring devices	6.9	5.6	6.1	4.8	5.2	5.5	3.5	3.4	.6	.9
365	Radio and TV receiving equipment	6.6	5.6	4.2	3.8	5.1	5.7	2.8	2.7	.5	1.2
366	Communication equipment	4.2	2.4	3.6	1.8	2.6	2.8	1.6	1.5	.4	.4
3661	Telephone and telegraph apparatus	(2)	2.8	(2)	2.5	(2)	2.2	(2)	1.6	(2)	(1)
3662	Radio and TV communication equipment	3.7	2.3	3.0	1.6	2.9	3.0	1.6	1.5	.5	.6
367	Electronic components and accessories	6.7	5.4	5.4	4.3	4.6	4.7	2.8	2.9	.6	.5
3671-3	Electron tubes	5.9	3.9	3.7	2.6	4.0	4.2	1.8	2.3	.8	.7
3674,9	Other electronic components	6.8	5.7	5.7	4.6	4.7	4.8	3.0	3.0	.6	.5
369	Misc. electrical equipment & supplies	4.0	3.2	3.2	2.2	2.8	2.9	1.6	1.7	.2	.4
3694	Engine electrical equipment	3.1	2.4	2.3	1.5	2.2	2.0	1.2	1.0	.2	.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA

LABOR TURNOVER

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

(Per 100 employees)											
SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	5.9	4.4	4.0	2.8	5.0	4.6	2.1	1.9	1.9	1.8
371	Motor vehicles and equipment	(2)	5.4	(2)	2.9	(2)	5.3	(2)	1.7	(2)	2.5
3711	Motor vehicles	(2)	6.8	(2)	3.1	(2)	5.6	(2)	1.7	(2)	2.8
3712	Passenger car bodies	(2)	6.2	(2)	3.1	(2)	6.1	(2)	.7	(2)	4.4
3713	Truck and bus bodies	(2)	5.6	(2)	4.8	(2)	6.5	(2)	3.2	(2)	2.2
3714	Motor vehicle parts and accessories	(2)	3.6	(2)	2.1	(2)	4.5	(2)	1.5	(2)	2.1
372	Aircraft and parts	3.5	1.7	2.6	1.3	3.1	2.4	1.4	1.3	1.0	.7
3721	Aircraft	3.8	1.6	3.0	1.3	2.9	2.0	1.5	1.2	.8	.4
3722	Aircraft engines and engine parts	2.9	1.6	1.9	1.0	2.9	2.8	1.0	1.1	1.0	1.2
3723,9	Other aircraft parts and equipment	3.0	2.4	2.3	1.8	4.1	3.3	1.8	1.7	1.6	1.0
373	Ship and boat building and repairing	11.3	8.0	7.7	5.4	9.5	8.2	4.1	3.6	3.7	3.1
3731	Ship building and repairing	11.5	7.8	7.1	4.5	9.6	8.1	3.3	2.8	4.5	3.9
374	Railroad equipment	(2)	6.6	(2)	4.4	(2)	5.8	(2)	1.8	(2)	2.5
375,9	Other transportation equipment	10.0	8.7	9.2	8.2	10.2	9.7	6.7	6.1	1.3	1.5
38	INSTRUMENTS AND RELATED PRODUCTS	4.0	3.1	3.3	2.6	3.5	3.4	2.0	2.0	.6	.5
381	Engineering & scientific instruments	2.9	2.2	2.3	1.8	4.5	3.9	2.0	1.8	2.0	1.5
382	Mechanical measuring & control devices	5.0	3.3	4.4	2.9	3.3	3.4	2.0	2.0	.3	.4
3821	Mechanical measuring devices	4.6	3.2	4.3	3.0	2.6	3.2	1.9	2.1	.2	.3
3822	Automatic temperature controls	5.7	3.5	4.4	2.9	4.4	3.7	2.2	1.9	.5	.4
383,5	Optical and ophthalmic goods	4.7	3.9	3.9	3.2	3.4	3.5	1.8	2.1	.2	.3
384	Medical instruments and supplies	5.4	3.9	4.5	3.5	4.4	3.9	3.1	2.7	.1	.2
386	Photographic equipment and supplies	(2)	2.1	(2)	1.9	(2)	2.1	(2)	1.1	(2)	.2
387	Watches, clocks, and watchcases	5.3	4.1	3.8	2.9	5.0	4.6	3.1	2.9	.8	.5
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	7.2	6.7	6.1	5.4	5.5	5.7	3.4	3.5	1.1	.9
391	Jewelry, silverware, and plated ware	4.1	4.2	3.3	3.7	3.4	4.2	2.4	2.8	.4	.5
394	Toys and sporting goods	11.4	11.8	10.0	9.1	8.1	8.8	5.5	5.4	1.3	1.8
3941-3	Games, toys, dolls, & play vehicles	13.2	14.9	11.4	10.7	8.6	9.8	6.3	6.1	1.3	2.3
3949	Sporting and athletic goods, n e c	9.1	7.9	8.2	7.1	7.3	7.7	4.3	4.6	1.3	1.1
395	Pens, pencils, office and art supplies	5.0	3.8	4.4	3.0	5.8	4.4	2.4	2.4	1.8	.8
396	Costume jewelry and notions	5.1	5.5	4.0	4.2	4.3	5.0	3.3	3.1	.4	1.1
393,8,9	Other manufacturing industries	6.2	4.6	5.1	4.1	4.6	4.3	2.4	2.8	1.3	.4
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	10.0	7.2	7.9	5.2	6.3	6.2	3.7	3.5	1.9	1.9
201	Meat products	10.1	7.8	7.5	5.0	7.0	6.3	4.4	3.7	1.8	1.8
2011	Meat packing plants	8.1	6.2	4.4	2.5	5.8	5.5	2.1	1.9	3.1	2.9
2015	Poultry dressing plants	16.4	13.9	14.7	11.2	11.3	9.7	9.9	8.6	.2	.2
204	Grain mill products	6.6	5.0	5.7	4.1	3.7	4.1	2.1	2.3	.8	.9
2041	Flour and other grain mill products	6.0	3.5	5.3	3.0	4.3	3.6	2.2	2.0	1.2	.8
2042	Prepared feeds for animals and fowls	6.0	6.0	5.5	5.3	3.8	4.3	2.5	2.7	.5	.7
205	Bakery products	6.5	5.6	5.9	4.9	4.4	5.0	3.3	3.4	.5	.8
2051	Bread, cake, and related products	6.3	5.7	6.0	5.1	4.3	4.8	3.4	3.5	.3	.6
2052	Cookies and crackers	7.8	4.8	5.4	3.3	5.3	5.8	2.8	2.4	1.1	2.1
207	Confectionery and related products	9.9	7.1	6.5	5.4	8.5	8.0	4.2	4.7	3.6	2.2
2071	Confectionery products	10.2	7.7	6.7	6.0	9.6	9.1	4.4	5.3	4.4	2.6
208	Beverages	9.1	7.5	7.9	5.7	4.7	5.6	3.7	3.5	.3	1.3
2082	Malt liquors	7.1	3.9	4.2	1.7	2.2	3.1	1.1	.5	.7	2.2
21	TOBACCO MANUFACTURES	4.6	3.1	3.0	1.9	3.4	3.7	1.7	1.8	.9	1.2
211	Cigarettes	3.5	1.9	2.0	1.1	1.1	1.7	.6	1.0	(1)	(1)
212	Cigars	(2)	4.5	(2)	3.4	(2)	5.7	(2)	3.7	(2)	1.1

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA LABOR TURNOVER

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

SIC Code	Industry	(Per 100 employees)									
		Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969
	<i>Nondurable Goods--Continued</i>										
22	TEXTILE MILL PRODUCTS	6.5	5.8	5.4	4.8	5.1	5.7	3.8	4.2	0.3	0.5
221	Weaving mills, cotton	6.1	5.9	4.8	4.8	5.4	6.0	4.2	4.6	.2	.3
222	Weaving mills, synthetics	6.2	5.8	5.0	4.8	5.2	5.6	3.7	4.2	.2	.2
223	Weaving and finishing mills, wool	6.2	5.4	5.6	4.5	4.6	5.3	3.3	3.8	.3	.3
224	Narrow fabric mills	6.3	4.8	5.3	4.1	4.6	4.9	3.2	3.4	.5	.7
225	Knitting mills	6.0	5.5	5.0	4.6	4.4	5.1	3.4	3.8	.3	.6
2251	Women's hosiery, except socks	5.5	4.4	4.8	3.9	4.5	4.4	3.9	3.6	.1	.4
2252	Hosiery, n e c	6.7	5.4	6.0	4.5	4.3	4.6	3.6	3.6	.1	.3
2254	Knit underwear mills	4.7	4.7	3.5	3.6	3.7	3.9	3.2	3.3	.2	.3
226	Textile finishing, except wool	5.8	4.7	5.4	3.8	4.1	4.5	3.2	3.1	.3	.3
227	Floor covering mills	7.5	6.0	6.2	5.3	5.5	5.9	3.8	4.1	.7	.6
228	Yarn and thread mills	7.8	7.2	6.5	5.9	6.6	7.2	5.1	5.9	.4	.3
229	Miscellaneous textile goods	7.5	5.4	6.5	4.5	5.2	6.1	3.4	3.9	.5	1.0
23	APPAREL AND OTHER TEXTILE PRODUCTS	6.1	6.0	4.4	3.8	5.0	5.5	3.1	3.2	1.1	1.5
231	Men's and boys' suits and coats	4.2	4.4	2.8	2.6	2.7	3.0	1.4	2.1	.6	.4
232	Men's and boys' furnishings	6.6	5.9	5.2	4.8	5.4	6.0	3.8	4.4	.8	.7
2321	Men's and boys' shirts and nightwear	6.8	6.1	5.5	4.8	5.5	5.9	3.7	4.1	1.0	.9
2327	Men's and boys' separate trousers	4.7	5.4	3.9	4.2	4.4	5.5	3.5	4.6	.2	.1
2328	Men's and boys' work clothing	6.6	6.4	5.2	5.3	5.5	5.9	4.4	4.9	.6	.3
234	Women's and children's undergarments	5.6	4.7	4.6	3.5	5.3	5.3	4.0	3.7	.4	.9
2341	Women's and children's underwear	5.6	4.7	4.6	3.7	5.4	5.4	4.1	3.9	.4	.6
2342	Corsets and allied garments	5.5	4.5	4.5	2.9	5.2	5.3	3.6	3.0	.4	1.5
26	PAPER AND ALLIED PRODUCTS	6.7	4.5	5.8	3.9	3.8	4.2	2.5	2.8	.4	.4
261,2,6	Paper and pulp mills	5.3	2.7	4.3	2.3	1.9	2.0	1.2	1.2	.1	.2
263	Paperboard mills	4.8	2.8	4.0	2.6	2.9	2.7	2.0	1.7	.3	.3
264	Misc. converted paper products	7.4	5.3	6.4	4.6	4.4	5.2	2.9	3.6	.5	.5
2643	Bags, except textile bags	6.8	5.7	6.0	4.7	5.2	6.9	3.3	4.5	.5	1.1
265	Paperboard containers and boxes	8.1	6.1	7.2	5.4	5.5	6.0	3.5	4.1	.7	.5
2651,2	Folding and setup paperboard boxes	8.3	6.6	7.2	5.8	5.2	6.6	3.8	4.0	.3	.8
2653	Corrugated and solid fiber boxes	8.5	6.1	7.8	5.6	5.3	5.5	3.5	4.1	.4	.2
	PRINTING AND PUBLISHING	5.7	3.6	5.0	3.1	3.7	3.4	2.5	2.3	.4	.4
28	CHEMICALS AND ALLIED PRODUCTS	4.7	2.7	4.0	2.3	2.9	2.8	1.6	1.6	.5	.5
281	Industrial chemicals	4.0	1.9	3.4	1.5	2.0	1.8	1.3	1.0	.2	.3
282	Plastics materials and synthetics	4.1	2.1	3.6	1.8	2.0	1.8	1.3	1.1	.1	.1
2821	Plastics materials and resins	5.3	2.4	5.1	2.1	2.0	1.9	1.4	1.3	.1	.1
2823,4	Synthetic fibers	3.2	2.1	2.5	1.7	2.0	1.8	1.2	1.1	.1	.2
283	Drugs	4.9	2.6	4.0	2.3	2.0	2.5	1.2	1.6	.3	.3
2834	Pharmaceutical preparations	5.4	2.7	4.3	2.4	2.1	2.3	1.3	1.7	.3	.2
284	Soap, cleaners, and toilet goods	6.5	4.1	5.6	3.3	3.6	3.5	2.3	2.0	.2	.6
2841	Soap and other detergents	3.7	2.5	3.0	1.9	2.2	2.5	1.1	.9	.4	.8
2844	Toilet preparations	8.7	5.6	7.5	4.5	5.0	4.5	3.2	2.7	.2	.6
285	Paints and allied products	5.0	3.3	4.7	3.0	2.3	2.7	1.5	1.9	.2	.1
286,9	Other chemical products	5.4	3.4	4.5	2.8	4.0	4.0	2.3	2.2	.7	.5
29	PETROLEUM AND COAL PRODUCTS	4.9	2.5	4.4	2.2	1.9	2.2	1.1	1.1	.1	.4
291	Petroleum refining	4.1	1.6	3.5	1.3	1.2	1.6	.6	.5	.1	.4
295,9	Other petroleum and coal products	8.0	6.3	7.5	5.5	4.5	4.7	3.3	3.1	.2	.3
30	RUBBER AND PLASTICS PRODUCTS, N E C	7.4	5.5	6.4	4.7	5.4	5.7	3.3	3.6	.9	.9
301	Tires and inner tubes	4.8	3.3	4.0	2.7	2.0	2.1	1.1	1.2	.3	.2
302,3,6	Other rubber products	5.9	4.4	5.0	3.6	4.8	5.1	3.1	3.0	.3	.8
307	Miscellaneous plastics products	9.4	7.1	8.2	6.2	7.1	7.7	4.4	5.0	1.5	1.2

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA

LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969	June 1969	May 1969
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	7.0	6.6	5.4	5.0	5.7	6.5	3.5	4.2	1.3	1.1
311	Leather tanning and finishing	7.1	5.4	6.2	4.5	5.2	5.8	2.7	3.8	1.5	1.0
314	Footwear, except rubber	6.3	6.5	4.9	4.6	5.2	6.1	3.5	4.0	.8	1.0
	NONMANUFACTURING										
10	METAL MINING.	6.7	3.9	5.9	3.2	2.9	2.6	2.0	1.9	(1)	(1)
101	Iron ores	7.0	4.3	5.8	2.9	2.0	1.4	.7	.8	(1)	(1)
102	Copper ores	5.0	2.5	4.0	2.0	2.5	1.9	1.7	1.1	(1)	.1
11,12	COAL MINING.	1.7	2.0	1.3	1.6	1.0	1.5	.5	1.0	.2	.2
12	Bituminous coal and lignite mining ...	1.6	2.0	1.3	1.6	1.0	1.5	.5	1.0	.2	.2
	COMMUNICATION:										
481	Telephone communication	(2)	2.7	-	-	(2)	2.1	(2)	1.6	(2)	.1
482	Telegraph communication ³	(2)	2.6	-	-	(2)	3.1	(2)	1.7	(2)	.7

¹ Less than 0.05.

² Not available.

³ Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1958 to date
seasonally adjusted

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1958.....	3.1	3.1	3.2	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 ¹	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	5.2	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.6
1967.....	4.6	4.3	4.1	4.2	4.6	4.5	4.4	4.4	4.3	4.5	4.5	4.4
1968.....	4.5	4.5	4.1	4.7	4.6	4.5	4.7	4.6	4.7	4.8	4.6	4.7
1969.....	4.9	4.6	4.6	4.9	4.8	4.9						
New hires												
1958.....	1.4	1.4	1.3	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.7	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	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966.....	3.7	3.8	4.3	3.9	4.0	4.0	3.7	3.8	3.7	3.8	3.7	3.5
1967.....	3.5	3.3	3.3	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.3
1968.....	3.5	3.3	3.4	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.5	3.7
1969.....	3.8	3.7	4.0	3.9	3.7	3.7						
Total separations												
1958.....	5.4	4.8	4.9	4.6	4.2	3.8	3.8	3.7	3.6	3.8	3.6	3.7
1959 ¹	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.1	4.2	5.0	4.6	4.1
1960.....	3.6	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.4	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	4.2	4.2	4.4
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	5.2	4.7	4.6	4.7	4.4	4.3	4.5	4.4	4.4	4.3
1968.....	4.5	4.7	4.6	4.5	4.7	4.5	4.6	4.9	4.6	4.6	4.5	4.2
1969.....	4.6	4.8	4.9	4.9	5.0	4.9						
Quits												
1958.....	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
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	1.9	2.0	2.0	2.1	2.2
1966.....	2.3	2.3	2.6	2.7	2.6	2.6	2.6	2.6	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	2.3	2.4
1968.....	2.4	2.4	2.4	2.3	2.5	2.3	2.4	2.6	2.4	2.6	2.6	2.5
1969.....	2.7	2.7	2.7	2.7	2.8	2.8						
Layoffs												
1958.....	3.4	3.3	3.4	3.3	3.0	2.4	2.5	2.3	2.1	2.1	1.9	1.9
1959.....	1.8	1.7	1.7	1.7	1.7	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	2.4	2.6	2.7	2.8
1961.....	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.8	1.9	2.0
1962.....	1.8	2.0	1.7	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	1.1	1.1	1.1	1.2	1.3
1967.....	1.3	1.5	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	1.3	1.1	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.2	1.0	1.1	1.0						

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.

Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

100

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	
	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969
ALABAMA:										
Birmingham	3.1	3.9	2.5	2.9	2.7	2.8	1.3	1.5	0.5	0.5
Mobile ¹	6.5	6.8	3.4	4.5	7.5	4.4	2.4	2.0	4.0	1.5
ALASKA	(*)	28.9	(*)	18.4	(*)	12.7	(*)	8.4	(*)	3.3
ARIZONA	6.2	6.5	5.0	5.1	5.9	5.1	3.4	2.9	1.3	.9
Phoenix	5.8	6.3	4.7	5.0	6.0	5.0	3.2	2.9	1.5	.9
ARKANSAS	7.5	7.5	6.5	6.2	6.4	6.6	4.6	4.7	.9	.9
Fort Smith	10.7	9.8	9.9	8.4	7.6	7.7	6.6	6.7	.1	.2
Little Rock-North Little Rock	7.6	7.2	7.2	6.5	5.3	5.1	4.1	4.2	.3	.1
Pine Bluff	4.9	5.1	4.2	4.3	5.5	5.0	3.3	3.8	1.4	.4
CALIFORNIA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Los Angeles-Long Beach	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
COLORADO	6.1	5.0	4.8	4.0	4.7	4.3	2.5	2.4	1.2	.9
Denver	6.2	5.1	5.2	4.5	5.2	4.1	2.9	2.4	1.1	.6
CONNECTICUT	3.2	3.1	2.6	2.6	3.6	3.7	2.2	2.2	.4	.6
Hartford	2.6	2.5	2.0	2.1	3.1	3.4	1.8	1.9	.3	.5
DELAWARE ¹	3.0	9.2	2.2	1.8	2.7	9.3	1.4	1.4	.4	7.0
Wilmington ¹	2.7	9.0	1.0	1.5	2.4	9.1	1.3	1.2	.4	7.1
DISTRICT OF COLUMBIA:										
Washington SMSA	3.1	2.9	2.8	2.6	3.0	3.0	2.4	2.4	.1	(2)
FLORIDA	6.4	6.6	5.4	5.9	7.5	7.0	4.3	4.6	2.3	1.4
Fort Lauderdale-Hollywood	8.5	9.2	8.1	8.4	8.5	10.5	6.3	7.3	.2	1.2
Jacksonville	8.5	7.3	8.1	6.9	8.5	7.1	6.3	4.9	.2	1.4
Miami	5.1	5.9	4.9	5.6	5.0	6.0	3.3	4.2	.9	1.0
Orlando	8.2	5.5	7.2	5.0	5.9	6.5	4.3	4.5	.9	1.2
Pensacola	2.4	1.3	2.3	1.1	1.4	1.6	1.2	1.4	.1	(2)
Tampa-St. Petersburg	6.7	7.0	5.6	5.8	7.3	7.0	4.8	4.8	1.7	1.2
West Palm Beach	5.4	4.3	3.8	4.0	4.0	5.4	3.3	3.3	.1	.2
GEORGIA	6.0	6.1	5.0	5.1	6.2	5.9	4.4	4.4	.7	.5
Atlanta ³	6.2	6.3	5.4	5.5	5.7	6.2	3.8	4.4	.8	.7
HAWAII ⁴	3.1	3.8	2.5	3.0	2.7	3.2	1.5	1.5	.2	.2
IDAHO ⁵	11.3	10.4	7.7	6.6	7.6	8.7	5.1	4.7	1.0	2.9
ILLINOIS:										
Chicago	4.8	4.4	4.1	3.9	4.7	4.5	2.9	2.8	.4	
INDIANA ¹	4.0	4.0	3.3	3.2	4.1	3.8	2.4	2.3	.6	.5
Indianapolis ⁶	3.6	3.7	3.0	3.0	4.4	4.0	2.2	2.3	.9	.5
IOWA	4.2	3.7	3.3	2.9	4.7	4.5	2.4	2.5	1.6	1.2
Cedar Rapids	3.2	3.9	2.7	2.8	2.8	3.9	1.9	2.0	.3	1.1
Des Moines	4.6	3.9	3.7	3.1	5.3	6.0	3.0	2.9	1.5	1.9
KANSAS	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Topeka	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Wichita	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
KENTUCKY	5.0	4.2	4.0	3.1	4.3	4.9	2.7	2.4	.4	1.6
Louisville	4.6	3.1	3.2	2.5	4.1	3.7	2.1	1.7	.2	.8
LOUISIANA:										
New Orleans ⁷	4.2	3.8	3.3	2.2	4.4	4.1	1.7	1.9	1.5	1.4
MAINE	6.6	5.9	4.3	4.3	6.3	6.7	3.9	3.8	1.2	1.9
Portland	5.9	4.0	4.6	3.5	6.1	4.8	4.1	2.9	.5	1.0
MARYLAND	3.5	3.5	2.7	2.6	3.4	3.6	2.0	1.8	.6	1.0
Baltimore	3.3	3.5	2.7	2.5	3.4	3.6	2.0	1.8	.6	1.0

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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	
	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969
MASSACHUSETTS.....	4.2	4.1	3.4	3.3	4.0	4.3	2.7	2.6	0.5	0.8
Boston.....	4.3	4.2	3.6	3.3	4.0	3.9	2.8	2.5	.4	.5
MICHIGAN.....	(*)	4.5	(*)	2.6	(*)	4.7	(*)	1.5	(*)	2.1
Detroit.....	(*)	5.0	(*)	2.6	(*)	5.1	(*)	1.5	(*)	2.3
MINNESOTA.....	4.5	4.7	3.6	3.6	4.3	4.9	2.9	2.9	.6	1.1
Duluth-Superior.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Minneapolis-St. Paul.....	4.3	4.7	3.5	3.7	4.1	4.7	2.9	2.9	.3	.9
MISSISSIPPI:										
Jackson.....	5.6	5.9	5.1	5.5	5.9	6.1	4.8	4.6	.2	.
MISSOURI.....	4.8	4.0	3.9	3.1	4.8	4.4	2.8	2.4	.9	.9
Kansas City.....	4.9	4.1	4.3	3.5	4.9	4.5	2.9	2.6	1.1	.9
St. Louis.....	4.2	3.4	3.5	2.8	3.8	3.4	2.1	1.8	.5	.6
MONTANA ⁵	6.2	4.7	6.1	4.2	6.0	3.8	4.1	2.9	.6	.1
NEBRASKA.....	7.2	5.3	5.9	4.5	5.1	5.1	3.8	3.8	.3	.3
NEVADA.....	7.9	7.0	7.6	6.2	6.2	6.4	3.6	2.7	1.6	1.8
NEW HAMPSHIRE.....	5.3	5.1	4.4	4.4	5.4	5.8	4.2	4.5	.5	.7
NEW JERSEY:										
Jersey City.....	3.5	4.4	2.6	2.7	4.0	3.6	1.8	1.7	1.2	.8
Newark.....	4.1	3.9	3.4	3.1	3.8	3.7	2.2	2.0	.6	.8
Paterson-Clifton-Passaic.....	4.9	4.4	3.4	3.3	4.6	5.0	2.5	2.5	1.1	1.5
Perth Amboy.....	3.6	3.1	2.7	2.6	2.8	3.1	1.9	1.6	.2	.8
Trenton.....	3.6	3.5	3.0	2.8	3.5	4.0	1.9	2.0	.6	.8
NEW YORK.....	4.5	4.1	3.2	3.0	4.2	4.5	2.2	2.1	1.2	1.5
Albany-Schenectady-Troy.....	3.4	3.9	2.7	2.6	3.1	3.5	1.9	2.0	.2	.5
Binghamton.....	2.2	1.9	1.6	1.4	2.3	2.7	1.4	1.6	.3	.4
Buffalo.....	3.6	3.2	2.6	2.0	3.2	3.1	1.4	1.4	1.0	.8
Elmira.....	3.6	3.2	2.7	2.5	3.7	3.5	2.0	1.8	.6	.9
Monroe County ⁸	2.5	2.4	2.1	2.0	2.7	2.5	1.5	1.6	.4	.3
Nassau and Suffolk Counties ⁹	3.9	3.9	3.4	3.5	4.5	4.7	2.9	2.8	.7	1.1
New York SMSA.....	5.1	4.8	3.7	3.6	5.1	5.5	2.5	2.4	1.7	2.3
New York City ⁹	5.5	5.0	3.8	3.7	5.4	5.8	2.5	2.3	2.0	2.7
Rochester.....	2.7	2.5	2.2	2.1	2.9	2.7	1.7	1.6	.5	.4
Syracuse.....	3.6	3.6	2.9	2.8	3.3	3.4	2.0	2.1	.4	.3
Utica-Rome.....	2.5	3.4	2.0	2.2	3.2	2.9	2.0	1.9	.8	.5
Westchester County ⁹	4.0	5.0	3.2	3.4	4.3	4.6	2.0	2.4	1.3	1.3
NORTH CAROLINA.....	4.9	4.6	4.2	3.9	4.8	5.0	3.8	3.7	.2	.3
Charlotte.....	4.9	5.3	4.6	4.9	5.0	5.6	4.1	4.5	.1	.2
Greensboro-Winston-Salem-High Point.....	3.9	3.7	3.4	3.3	4.0	3.7	3.1	2.9	.2	.1
NORTH DAKOTA.....	5.8	5.3	4.7	4.3	4.5	6.9	3.5	2.4	.5	3.9
Fargo-Moorhead.....	7.2	7.6	4.9	5.3	5.0	6.1	4.3	3.3	.3	2.5
OHIO.....	3.9	4.1	3.1	2.8	3.7	3.7	2.1	1.9	.7	.9
Akron.....	2.6	2.7	2.1	2.1	2.9	2.6	1.6	1.4	.5	.4
Canton.....	4.7	3.6	3.5	2.9	4.2	3.4	2.1	1.9	.6	.3
Cincinnati.....	3.9	6.3	3.2	3.3	3.6	6.1	2.2	2.3	.5	2.9
Cleveland.....	3.8	3.4	3.3	2.8	3.6	3.5	2.1	2.1	.5	.6
Columbus.....	4.2	4.5	3.6	3.6	4.9	3.9	2.7	2.3	.9	.6
Dayton.....	3.7	3.6	2.9	2.6	3.4	3.1	1.9	1.6	.6	.5
Toledo.....	4.9	3.6	4.1	2.7	3.9	3.8	2.0	1.9	.6	.4
Youngstown-Warren.....	4.0	5.6	2.5	2.1	3.6	3.0	1.3	1.0	1.2	1.0
OKLAHOMA:										
Oklahoma City.....	8.2	7.7	7.1	6.7	7.0	7.1	4.9	5.1	.7	.7
Tulsa.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
OREGON ¹	6.8	7.2	5.8	5.8	5.6	6.4	3.7	3.7	.9	1.6
Portland ¹	5.9	6.4	5.3	5.5	5.1	6.0	3.0	3.2	1.2	1.6

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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	
	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.8	3.4	2.8	2.4	3.1	3.2	1.8	1.7	0.4	0.5
Altoona	5.0	4.3	4.5	3.8	4.8	4.0	3.4	3.1	.5	.5
Erie	4.1	4.5	2.9	3.3	4.0	4.2	2.2	2.4	.9	.8
Harrisburg	3.1	2.7	2.4	1.9	2.6	2.4	1.7	1.6	.4	.2
Johnstown	4.6	3.1	2.3	2.6	3.2	4.0	1.2	1.2	1.4	1.7
Lancaster	3.9	3.5	3.0	2.9	3.7	4.0	2.6	2.6	.3	.6
Philadelphia	3.7	3.4	2.9	2.6	3.4	3.4	1.8	1.8	.7	.8
Pittsburgh	3.0	2.6	2.1	1.6	2.1	1.9	.9	.8	.4	.3
Reading	3.2	3.9	2.6	3.0	3.5	4.0	2.3	2.5	.6	.7
Scranton	5.0	3.5	2.5	2.7	4.0	3.4	1.9	1.5	1.2	1.2
Wilkes-Barre-Hazleton	4.1	3.9	3.3	2.7	3.4	3.4	2.2	2.3	.6	.6
York	4.3	4.0	3.8	3.5	4.8	4.7	3.3	3.0	.8	1.1
RHODE ISLAND:										
Providence-Pawtucket-Warwick	5.8	5.3	4.8	4.4	5.5	5.5	3.8	3.9	.9	.8
Providence-Pawtucket-Warwick	5.4	5.0	4.5	4.3	5.3	5.4	3.6	3.8	.8	.8
SOUTH CAROLINA:										
Greenville	6.2	5.4	5.5	4.8	6.0	5.7	4.8	4.5	.1	.2
SOUTH DAKOTA:										
Sioux Falls	6.4	4.5	4.2	2.8	7.4	4.7	3.1	2.6	1.4	1.6
Sioux Falls	7.2	5.4	3.3	2.6	5.8	5.3	2.6	2.0	2.7	2.9
TENNESSEE:										
Memphis	6.9	6.3	6.0	5.8	5.8	5.4	3.7	3.4	.6	.6
TEXAS:										
Dallas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Dallas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Fort Worth	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
San Antonio	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH:										
Salt Lake City	4.7	4.0	3.6	3.1	4.2	3.8	2.7	2.1	.7	.9
Salt Lake City	3.9	3.6	3.4	3.1	4.1	4.1	2.7	2.3	.3	1.0
VERMONT:										
Burlington	3.9	2.9	3.0	2.2	3.8	3.3	2.8	2.4	.4	.3
Burlington	2.5	1.7	1.8	1.2	2.7	2.6	1.8	1.8	.3	.2
Springfield	3.5	1.8	2.2	1.4	2.4	2.6	1.8	1.6	.2	.6
VIRGINIA:										
Richmond	4.3	4.0	3.5	3.3	4.5	4.4	3.1	3.0	.6	.5
Richmond	3.3	3.3	2.6	2.6	4.0	4.3	2.4	2.3	.8	.8
WASHINGTON:										
Seattle-Everett	2.9	3.6	2.3	2.9	3.7	4.2	2.4	2.8	.5	.6
WEST VIRGINIA:										
Charleston	1.3	1.0	1.0	.6	1.7	1.9	.8	.6	.5	.8
WISCONSIN:										
Milwaukee	4.2	3.8	3.3	3.1	4.4	3.9	2.5	2.4	.9	.5
Milwaukee	4.0	3.7	3.2	3.1	4.3	3.7	2.4	2.3	.8	.3
WYOMING:										
.....	7.7	7.7	6.4	5.9	6.0	6.7	3.8	3.8	1.5	1.8

¹ Excludes canning and preserving.

² Less than 0.05.

³ Excludes agricultural chemicals and miscellaneous manufacturing.

⁴ Excludes canned fruits, vegetables, preserves, jams and jellies.

⁵ Excludes canning and preserving, and sugar.

⁶ Excludes canning and preserving, and newspapers.

⁷ Excludes printing and publishing.

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Subarea of New York Standard Metropolitan Statistical Area.

¹⁰ Excludes canning and preserving, printing and publishing.

* Not available.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

E-1: Insured unemployment under State programs

(Week including the 12th of the month)								
State	Number (in thousands)					Rate (percent of average covered employment)		
	July 1969	June 1969	July 1968	Change to July 1969 from ¹		July 1969	June 1969	July 1968
				June 1969	July 1968			
TOTAL ²	1 033.3	844.2	1 022.0	189.1	11.3	2.0	1.7	2.1
SEASONALLY ADJUSTED.....	1 113.8	1 058.5	1 098.7	55.3	15.1	2.2	2.1	2.2
Alabama.....	13.7	11.3	16.7	2.4	-3.0	2.0	1.7	2.4
Alaska.....	1.9	2.0	1.7	-.2	.2	4.0	4.4	3.8
Arizona.....	4.1	3.8	5.8	.3	-1.7	1.2	1.2	1.9
Arkansas.....	8.0	7.7	7.8	.3	.1	2.1	2.0	2.1
California.....	154.2	153.5	160.4	.7	-6.2	3.1	3.1	3.3
Colorado.....	2.7	2.6	2.6	.2	.2	.6	.6	.6
Connecticut.....	34.1	18.5	34.1	15.6	-.1	3.5	1.9	3.7
Delaware.....	3.5	1.9	2.1	1.6	1.4	2.1	1.2	1.3
District of Columbia.....	3.8	4.0	4.0	-.2	-.2	1.1	1.1	1.2
Florida.....	23.9	15.7	26.2	8.1	-2.3	1.8	1.2	2.1
Georgia.....	10.4	8.6	12.6	1.8	-2.2	1.0	.8	1.3
Hawaii.....	3.2	3.0	3.1	.2	.1	1.5	1.4	1.5
Idaho.....	4.4	3.1	4.1	1.3	.3	3.1	2.2	2.9
Illinois.....	42.2	32.7	42.4	9.4	-.2	1.3	1.0	1.4
Indiana.....	13.1	12.1	15.9	1.0	-2.7	1.0	.9	1.2
Iowa.....	7.7	6.2	5.7	1.5	2.0	1.4	1.1	1.0
Kansas.....	7.4	6.3	4.4	1.1	.3	1.7	1.5	1.1
Kentucky.....	10.4	9.8	11.4	.7	-.9	1.8	1.7	2.0
Louisiana.....	19.3	19.0	15.2	.3	4.1	2.7	2.6	2.2
Maine.....	9.5	5.8	6.5	3.6	2.9	4.3	2.6	3.0
Maryland.....	13.6	10.6	13.2	2.9	.4	1.5	1.2	1.5
Massachusetts.....	50.9	36.2	53.1	14.7	-2.2	3.0	2.1	3.2
Michigan.....	61.8	37.8	58.1	23.9	3.6	2.6	1.6	2.5
Minnesota.....	6.8	6.5	7.5	.3	-.8	.7	.7	.8
Mississippi.....	5.6	5.3	5.3	.2	.3	1.5	1.5	1.5
Missouri.....	25.1	25.8	18.7	-.7	6.4	2.2	2.2	1.6
Montana.....	2.1	1.9	2.0	.2	.1	1.7	1.6	1.7
Nebraska.....	2.2	1.9	2.8	.3	-.6	.8	.7	1.0
Nevada.....	2.9	3.0	3.8	-.1	-.9	2.1	2.2	2.9
New Hampshire.....	3.0	1.3	2.1	1.6	.8	1.5	.7	1.1
New Jersey.....	63.2	48.2	61.7	15.0	1.6	3.4	2.6	3.4
New Mexico.....	3.5	3.3	3.8	.2	-.3	2.0	1.9	2.2
New York.....	129.1	111.1	130.6	18.0	-1.5	2.3	2.0	2.4
North Carolina.....	18.9	16.5	20.3	2.4	-1.4	1.5	1.3	1.7
North Dakota.....	.9	.9	.8	-.1	.1	1.1	1.1	1.0
Ohio.....	32.4	20.5	27.0	11.9	5.3	1.1	.7	1.0
Oklahoma.....	8.3	8.2	8.8	.1	-.6	1.8	1.8	2.0
Oregon.....	13.4	10.1	11.2	3.3	2.2	2.6	2.0	2.3
Pennsylvania.....	69.2	46.8	67.9	22.5	1.3	2.1	1.4	2.1
Puerto Rico ^{2*}	25.0	21.2	27.9	3.8	-2.9	6.3	5.9	6.9
Rhode Island.....	8.8	6.5	9.4	2.3	-.6	3.2	2.4	3.4
South Carolina.....	9.5	7.8	10.2	1.6	-.7	1.6	1.3	1.8
South Dakota.....	.8	.7	.9	1.0	-.1	.9	.8	1.0
Tennessee.....	16.9	16.3	18.6	.7	-1.7	1.8	1.8	2.1
Texas.....	19.9	17.6	16.6	2.2	3.3	.8	.7	.7
Utah.....	5.0	4.4	4.1	.6	.9	2.3	2.1	2.0
Vermont.....	1.7	1.5	1.6	.2	-.1	1.7	1.5	1.7
Virginia.....	5.9	5.7	5.3	.2	.6	.6	.6	.6
Washington.....	22.8	18.0	19.0	4.8	3.8	2.8	2.2	2.4
West Virginia.....	8.8	7.8	9.9	1.1	-1.1	2.5	2.2	2.8
Wisconsin.....	17.6	12.5	16.4	5.1	1.1	1.6	1.1	1.5
Wyoming.....	.5	.5	.5	-.1	-.1	.7	.8	.7

¹Based on unrounded data; changes of less than .50 not shown.²Include 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.

UNEMPLOYMENT INSURANCE DATA

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E-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	July 1969	June 1969	State and area	July 1969	June 1969	State and area	July 1969	June 1969	State and area	July 1969	June 1969
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--		
Birmingham.....	2.5	2.5	Evansville.....	.9	.9	Manchester.....	.9	.4	continued		
Mobile.....	1.5	1.4	Ft. Wayne.....	.3	.3				York.....	1.8	1
			Gary-Hammond..	1.3	1.2	NEW JERSEY			PUERTO RICO*		
ARIZONA			Indianapolis.....	1.0	1.8	Atlantic City....	1.5	1.3	Mayaguez.....	1.3	1.2
Phoenix.....	2.4	2.3	South Bend.....	1.0	1.2	Jersey City.....	10.2	7.6	Ponce.....	1.8	1.1
			Terre Haute.....	.6	.5	Newark.....	15.6	13.1	San Juan.....	4.6	3.9
ARKANSAS			IOWA			New Brunswick..	7.6	4.8			
Little Rock.....	.7	.6	Cedar Rapids....	.3	.2	Paterson.....	13.7	10.7			
			Des Moines.....	.8	.7	Trenton.....	1.9	1.6			
CALIFORNIA			KANSAS			NEW MEXICO			RHODE ISLAND		
Anaheim-S. Ana-			Wichita.....	2.4	1.9	Albuquerque....	1.5	1.2	Providence.....	9.6	7
Garden Grove..	8.7	7.5									
Fresno.....	3.6	3.7	KENTUCKY			NEW YORK			SOUTH CAROLINA		
Los Angeles.....	66.5	67.1	Louisville.....	3.0	2.4	Albany.....	2.9	2.4	Charleston.....	.9	.1
Sacramento.....	7.5	6.8				Binghamton....	1.3	1.6	Greenville.....	1.2	
San Bernardino..	7.6	7.4	LOUISIANA			Buffalo.....	9.8	8.3			
San Diego.....	7.5	6.9	Baton Rouge....	1.6	1.5	New York.....	96.6	82.7			
San Francisco...	25.1	24.6	New Orleans....	6.1	6.4	Rochester.....	3.8	3.8	TENNESSEE		
San Jose.....	6.4	8.4	Shreveport.....	1.1	.7	Syracuse.....	2.7	2.3	Chattanooga....	1.0	.7
Stockton.....	3.7	3.2				Utica.....	2.4	1.8	Knoxville.....	1.7	2.0
COLORADO			MAINE			NORTH CAROLINA			Memphis.....	2.0	2.5
Denver.....	1.5	1.4	Portland.....	.6	.5	Asheville.....	.4	.5	Nashville.....	1.8	1.4
			MARYLAND			Charlotte.....	1.0	1.0			
CONNECTICUT			Baltimore.....	9.0	6.9	Durham.....	.6	.5	TEXAS		
Bridgeport.....	4.7	3.1	MASSACHUSETTS			Greensboro....			Austin.....	.2	.2
Hartford.....	4.8	3.6	Boston.....	19.6	16.8	Winston-Salem..	2.0	1.8	Beaumont.....	1.2	1.0
New Britain.....	1.8	1.2	Brockton.....	1.6	1.0				Corpus Christi..	.6	.5
New Haven.....	3.8	2.6	Fall River.....	4.7	1.5	OHIO			Dallas.....	3.0	1.1
Stamford.....	.8	.7	Lawrence.....	4.7	2.6	Akron.....	2.1	1.5	El Paso.....	.9	.9
Waterbury.....	4.5	2.0	Lowell.....	2.1	1.6	Canton.....	1.1	.8	Ft. Worth.....	1.5	1.0
DELAWARE			New Bedford....	4.5	1.9	Cincinnati.....	2.5	2.4	Houston.....	2.3	2.5
Wilmington.....	3.5	1.8	Springfield....	4.4	4.0	Cleveland.....	5.6	3.4	San Antonio.....	1.7	1.6
			Worcester.....	2.2	2.0	Columbus.....	1.4	1.3			
DIST. OF COL.			MICHIGAN			Dayton.....	1.2	1.2	UTAH		
Washington.....	5.6	5.6	Battle Creek....	.7	.8	Hamilton.....	1.0	.6	Salt Lake City..	3.1	2.6
			Detroit.....	30.6	17.6	Lorain.....	2.4	.5			
FLORIDA			Flint.....	8.9	1.4	Steubenville...	.4	.4	VIRGINIA		
Jacksonville....	.7	.8	Grand Rapids...	4.8	3.4	Toledo.....	2.2	1.7	Hampton.....	.5	.5
Miami.....	6.6	4.8	Kalamazoo.....	1.0	.7	Youngstown....	4.0	1.0	Norfolk.....	.8	.7
Tampa.....	3.3	2.0	Lansing.....	1.1	.6	OKLAHOMA			Richmond.....	.4	.5
			Muskegon.....	1.2	1.0	Oklahoma City..	1.4	1.3	Roanoke.....	.2	.1
GEORGIA			Saginaw.....	1.0	.7	Tulsa.....	1.5	1.5			
Atlanta.....	2.3	2.0	MINNESOTA			OREGON			WASHINGTON		
Augusta.....	.6	.6	Duluth.....	.9	.8	Portland.....	4.5	4.0	Seattle.....	9.1	7.5
Columbus.....	.6	.6	Minneapolis....	2.2	1.7				Spokane.....	1.6	1.5
Macon.....	.4	.3	MISSISSIPPI			PENNSYLVANIA			Tacoma.....	2.3	2.0
Savannah.....	.4	.3	Jackson.....	.5	.5	Allentown.....	5.3	1.9			
HAWAII			MISSOURI			Altoona.....	.8	.7	WEST VIRGINIA		
Honolulu.....	2.4	2.3	Kansas City....	7.7	6.5	Erie.....	1.4	1.1	Charleston.....	1.0	.9
			St. Louis.....	12.9	13.5	Harrisburg.....	1.1	.9	Huntington.....	1.3	1.2
ILLINOIS			NEBRASKA			Johnstown.....	1.9	1.5	Wheeling.....	1.0	1.1
Chicago.....	19.2	17.3	Omaha.....	1.2	.9	Lancaster.....	.9	.6			
Davenport.....	1.8	1.6				Philadelphia....	24.0	21.1	WISCONSIN		
Peoria.....	1.4	1.5				Pittsburgh.....	10.1	8.0	Kenosha.....	1.9	.5
Rockford.....	3.0	.7				Reading.....	2.0	1.2	Madison.....	.4	.3
						Scranton.....	4.3	2.1	Milwaukee.....	5.0	3.9
						Wilkes-Barre...	7.4	3.2	Racine.....	1.3	1.2

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 Bureau of Employment Security.

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

Technical Note

Additional information concerning the preparation of the labor force, employment, hours and earnings, 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.

INTRODUCTION

The statistics in this periodical are compiled from three major sources: (1) household interviews, (2) payroll 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 payroll records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures are based on payroll reports from a sample of establishments employing about 25 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.

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 payroll series

The household and payroll 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 non-agricultural 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.

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 31 States. In general, these are establishments with less than four employees.

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 Re-

port 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.

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. The detailed questions for persons not in the labor force are asked only in those households that are new entrants to the sample and in those that are reentering the sample after 8 months' absence.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Per-

sons 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.

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 non-economic reasons but 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 ac-

cording 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.

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 non-white) 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 migra-

tion 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 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

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

Size of estimate	(In thousands)					
	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
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	...	...	...	...	...

be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

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

Table C. Standard error of estimates of month-to-month change
(In thousands)

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

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D.

Table D. Standard error of percentage

Base of percentages (thousands)	Estimated percentage								
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50
150 ...	.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, and labor turnover in nonagricultural establishments, by industry and geographic location.

Federal-State Cooperation

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

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare

State and area series and then send the establishment data to the BLS for use in preparing the national series.

Shuttle Schedules

Two types of data collection schedules are used: Form BLS 790--Monthly Report on Employment, Payroll, and Hours; and Form DL 1219--Monthly Report on 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 non-

agricultural 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 was revised in January 1969 to provide for the collection of job openings data as well.

CONCEPTS

Industrial Classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the monthly 790 or 1219 report. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the most important product or activity.

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

Industry Employment

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

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

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period, or who are hired but have not 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, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

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

Man-hours cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The man-hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

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

premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross Average Hourly and Weekly Earnings

Average hourly earnings are on a "gross" basis, reflecting not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

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

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek, 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 non-supervisory 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. The level of earnings is thus adjusted for changes in purchasing power since the base period (1957-59).

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 $1\frac{1}{2}$ 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 1957-59 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 to Employment Series

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

ESTIMATING METHODS

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

The "Link Relative" Technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives. In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described later in the table, Summary of Methods for Computing Industry Statistics on Employment, Hours, Earnings, and Labor Turnover. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Non-agricultural Industries* and on *Measurement of Labor Turnover*, 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 produc-

tion- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark Adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1968 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 follows:

Nonagricultural payroll employment estimates,
by industry division, as a percentage of the
benchmark for 1966-1968

Industry division	1966	1967	1968
Total	99.9	100.0	100.4
Mining	100.5	99.5	101.7
Contract construction	99.7	101.6	99.5
Manufacturing	99.4	99.5	99.8
Transportation and public utilities	99.7	99.8	100.7
Wholesale and retail trade	100.1	100.7	100.3
Finance, insurance, and real estate	99.5	100.2	99.2
Services	100.3	99.8	99.2
Government	100.0	100.0	102.8

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 non-certainty 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 service divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on pro-

ducing 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. The table that follows 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.

Approximate size and coverage of BLS employment and payrolls sample, March 1968¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Mining	2,200	274,000	47
Contract construction	16,200	772,000	26
Manufacturing	46,100	12,422,000	64
Transportation and public utilities:			
Railroad transportation (ICC)	100	636,000	96
Other transportation and public utilities	7,100	2,042,000	57
Wholesale and retail trade .	39,700	2,815,000	21
Finance, insurance and real estate	9,400	1,239,000	37
Services	22,400	2,227,000	21
Government:			
Federal (Civil Service Commission) ²	3,200	2,699,000	100
State and local	9,400	4,907,000	54

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.

The table below shows the approximate coverage, in terms of employment, of the labor turnover sample.

Approximate size and coverage of BLS labor turnover sample, March 1968

Industry	Employees	
	Number reported	Percent of total
Manufacturing	11,060,000	57
Metal mining	49,100	74
Coal mining	59,800	44
Communication:		
Telephone	632,400	78
Telegraph	22,400	69

Reliability of the Employment Estimates

The estimates derived from the establishment 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. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's estimate, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to the 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. (A detailed description of the March 1968 benchmark is available from the Bureau upon request.)

One measure of the reliability of ratio estimates is the root mean square error (RMSE). This measure is the standard deviation adjusted for the bias in ratio 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 several years) of differences between final estimates and benchmarks are presented in the following table.

Root-mean-square errors of differences between benchmarks and estimates	
Size of employment estimate	Root-mean-square error ¹
50,000	2,000
100,000	2,600
200,000	3,600
500,000	7,000
1,000,000	11,600
2,000,000	18,400

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. The table below presents root-mean-square-errors of the amounts of

Errors of preliminary employment estimates		
Size of empl. estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	600	600
100,000	900	900
200,000	1,700	1,700
500,000	3,000	2,800
1,000,000	4,300	4,000
2,000,000	8,000	8,000
10,000,000	29,600	27,600
Total Nonag. empl.	84,000	74,000

revision 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 or 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

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

SEASONAL ADJUSTMENT

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern--that is, changes in a seasonally adjusted series--it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but, in addition, are affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment 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 1957-59 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 1957-59 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. Factors currently in use for the establishment data are shown in the July 1969 *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 1968 are published in the February 1969 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

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 and earnings series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1968 benchmarks. Data from April 1968 forward are subject to revision at the time of the next benchmark.

Beginning with the July 1969 and subsequent issues of *Employment and Earnings*, the national data in sections B, C, and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics*, 1969. Comparable data will be published in *Employment and Earnings, United States, 1909-69*, BLS Bulletin 1312-7.

Summary of Methods for Computing Industry Statistics

on Employment, Hours, Earnings, 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 firms divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
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.

UNITED STATES DEPARTMENT OF LABOR

Bureau of Labor Statistics

Regional Offices

REGION I - BOSTON BLS Regional Director John Fitzgerald Kennedy Federal Bldg. Government Center - Room 1603 A Boston, Mass. 02203	REGION II - NEW YORK BLS Regional Director 341 Ninth Avenue New York, N.Y. 10001	REGION III - PHILADELPHIA BLS Regional Director Penn Square Bldg., Rm. 406 1317 Filbert Street Philadelphia, Pa. 19107	REGION IV - ATLANTA BLS Regional Director 1371 Peachtree Street, N.E. Atlanta, Ga. 30309
REGION V - CHICAGO BLS Regional Director 219 South Dearborn Street Chicago, Ill. 60604	REGION VI - DALLAS BLS Regional Director 411 North Akard Street Dallas, Tex. 75201	REGIONS VII & VIII - KANSAS CITY BLS Regional Director 911 Walnut Street Kansas City, Mo. 64106	REGIONS IX & X - SAN FRANCISCO BLS Regional Director 450 Golden Gate Avenue, Box 36017 San Francisco, Calif. 94102

COOPERATING STATE AGENCIES

BLS
Region

Employment and Labor Turnover Statistics Programs

IV ALABAMA	- Department of Industrial Relations, Montgomery 36104
X ALASKA	- Employment Security Division, Department of Labor, Juneau 99801
IX ARIZONA	- Unemployment 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). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
VIII COLORADO	- Department of Employment, Denver 80203
I CONNECTICUT	- Employment Security Division, Connecticut Labor Department, Hartford 06115
III DELAWARE	- Employment Security Commission, Wilmington 19801
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 30303
IX HAWAII	- Department of Labor and Industrial Relations, Honolulu 96811
X IDAHO	- Department of Employment, Boise 83707
V ILLINOIS	- Division of Research and Statistics, Department of Labor, Chicago 60606
V INDIANA	- Employment Security Division, Indianapolis 46204
VII IOWA	- Employment Security Commission, Des Moines 50319
VII KANSAS	- Employment Security Division, Department of Labor, Topeka 66603
IV KENTUCKY	- Bureau of Employment Security, Department of Economic Security, Frankfort 40601
VI LOUISIANA	- Department of Employment Security, Baton Rouge 70804
I MAINE	- Employment Security Commission, Augusta 04330
III MARYLAND	- Department of Employment Security, Baltimore 21201
I MASSACHUSETTS	- Division of Statistics, Department of Labor and Industries, Boston 02202 (Employment). Division of Employment Security, Boston 02215 (Turnover).
V MICHIGAN	- Employment Security Commission, Detroit 48202
V MINNESOTA	- Department of Manpower Services, St. Paul 55101
IV MISSISSIPPI	- Employment Security Commission, Jackson 39205
VII MISSOURI	- Division of Employment Security, Jefferson City 65102
VIII MONTANA	- Unemployment Compensation 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 (Employment); Division of Employment Security (Turnover), 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).
IV SOUTH CAROLINA	- Employment Security Commission, Columbia 29202
VIII SOUTH DAKOTA	- Employment Security Department, Aberdeen 57401
IV TENNESSEE	- Department of Employment Security, Nashville 37219
VI TEXAS	- Employment Commission, Austin 78701
VIII UTAH	- Department of Employment Security, Salt Lake City 84111
I VERMONT	- Department of Employment Security, Montpelier 05602
III VIRGINIA	- Division of Research and Statistics, Department of Labor and Industry, Richmond 23214 (Employment). Employment Commission, Richmond 23211 (Turnover).
X WASHINGTON	- Employment Security Department, Olympia 98501
III WEST VIRGINIA	- Department of Employment Security, Charleston 25305
V WISCONSIN	- Department of Industrial, Labor and Human Relations, Madison 53701
VIII WYOMING	- Employment Security Commission, Casper 82601