

EMPLOYMENT AND EARNINGS

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Employment and Unemployment Developments, March 1970

Unemployment continued to increase in March, as a substantial rise in the civilian labor force exceeded a moderate gain in employment. The over-the-month increase in unemployment was concentrated among adults seeking full-time jobs, while the increase in employment occurred among part-time workers. The overall unemployment rate rose from 4.2 percent in February to 4.4 percent in March.

Nonfarm payroll employment (seasonally adjusted) remained substantially unchanged at its high February level. In manufacturing, employment continued to edge down, but the factory workweek recovered from the sharp drop in February.

Unemployment

The number of unemployed persons totaled 3.7 million in March. Unemployment generally falls sharply between February and March; this March, however, there was little change, and, after seasonal adjustment, unemployment was up by 230,000. Virtually all of the over-the-month increase occurred among adult full-time workers, mostly women.

Compared with March 1969, when joblessness was near its post-Korean low, unemployment has risen by 1.0 million. About three-fifths of the overall increase was among persons who lost their last job.

The March increase in the overall unemployment rate, from 4.2 to 4.4 percent, marked the third consecutive month in which the rate has risen. Since December, the rate has increased by nearly a full percentage point to a 4-1/2-year high.

The unemployment rate for adult women moved up from 4.1 to 4.5 percent over the month, due to increased joblessness among women 25 years and over. Their rate was at its highest level in 2-1/2 years and has risen 1 percentage point since late 1969.

For all adult men, the March unemployment rate of 2.9 percent was little changed from February. The rate for married men, however, continued to rise, advancing from 2.0 to 2.2 percent. Both of these rates have increased sharply since late 1969.

The jobless rate for teenagers, at 13.9 percent, remained at the January and February level. Teenage joblessness in the past few months has been slightly above the rates that prevailed throughout most of 1969.

The jobless rate for white workers rose from 3.8 to 4.1 percent, while the unemployment rate for Negro workers, at 7.1 percent, was unchanged over the month. Although both rates were well above their 1969 lows, the Negro rate has remained less than double the white rate since last fall. In the first quarter of 1970, the ratio of Negro-to-white jobless rates was 1.8 to 1, the lowest since the third quarter of 1954.

Nearly all of the March increase in unemployment occurred among full-time jobseekers. The jobless rate for this group rose from 3.7 to 4.0 percent over the month. For part-time workers, the unemployment rate, at 7.1 percent, showed no significant change over the month. Since the latter part of 1969, the unemployment rate for full-time jobseekers has risen much more sharply than that for part-time workers.

The jobless rate for white-collar workers rose from 2.3 to 2.7 percent in March, due primarily to increased joblessness among professional, technical, and clerical workers. The unemployment rate for professional and technical workers, at 2.3 percent, has nearly doubled since late 1969, partly reflecting employment cutbacks in aerospace and defense related industries. The unemployment rate for blue-collar workers, which began to rise in the early fall of 1969, was essentially unchanged in March at 5.2 percent, but was at its highest level since September 1965.

Jobless rates in manufacturing (4.8 percent) and construction (8.1 percent) were unchanged over the month, after rising sharply in February. Both rates were up substantially since late 1969.

The rate for workers covered by State unemployment insurance programs remained at 2.7 percent in March. This was significantly above the 2.1 percent rate of a year ago.

The number of persons unemployed for 15 weeks or longer rose to 545,000 in March, the highest level in nearly 4 years. As a proportion of the civilian labor force, persons unemployed 15 weeks or longer edged up to 0.7 percent.

The percent of labor force time lost by the unemployed and by persons involuntarily working part time because of economic factors has increased from 3.9 percent in December to 4.8 percent in March. (Labor force time lost is a measure of man-hours lost as a percent of potentially available labor force man-hours.)

Civilian Labor Force and Total Employment

The civilian labor force rose by 520,000, seasonally adjusted, to 82.8 million in March. Labor force gains amounted to 900,000 in the first quarter of 1970, one of the largest quarterly increases in the post-Korean period.

Total employment increased by 290,000 in March to 79.1 million, seasonally adjusted. The entire increase occurred among part-time workers. Between the two most recent quarters, employment advanced by slightly over 400,000. However, a substantial increase in the civilian labor force more than offset this gain in employment, and, as a consequence, unemployment in the first quarter of 1970 was up by nearly 500,000 over the fourth quarter of 1969.

Industry Payroll Employment

Nonagricultural payroll employment was 70.3 million in March and after allowance for seasonality was virtually unchanged over the month.

A large employment gain in government and small increases in several other industries were counter-balanced by declines in trade and manufacturing. An increase of 90,000 in government occurred mainly in the federal sector, reflecting the hiring of temporary workers for the 1970 Census. Other employment gains were posted in transportation and public utilities; services; contract construction; and finance, insurance, and real estate. In trade, a 70,000 decline was attributable to less-than-usual hiring for the Easter season.

Manufacturing employment declined by 55,000 in March, despite a pickup in production in the auto industry after temporary cutbacks in February. The employment gain in transportation equipment (40,000) was offset by small but widespread declines in the other manufacturing industries. Employment declines of 10,000-15,000 took place in the stone, clay, and glass, primary metals, electrical equipment, food, textiles, and apparel industries.

Hours of Work

The workweek for all rank-and-file workers on private nonfarm payrolls remained unchanged in March at 37.4 hours, seasonally adjusted, marking the third consecutive month at this level. Average hours in the first quarter were at their lowest level since quarterly data became available in 1964.

In manufacturing, the workweek moved up 0.3 hour to 40.2 hours, seasonally adjusted, after dropping sharply in February. Part of this increase reflected the resumption of normal work schedules in the electrical equipment industry, where workers returning from strikes had worked only a portion of the survey week in February. Despite this over-the-month gain, the factory workweek remained low relative to most of 1969. Factory hours averaged 40.1 in the first quarter of 1970 compared to 40.6 in the fourth quarter of 1969 and 40.7 in both the third and second quarters.

Factory overtime declined for the third straight month, reflecting declines in both the

durable and nondurable goods sectors. At 3.1 hours in March, seasonally adjusted, overtime hours were at their lowest level since July 1964, with the exception of April 1968 when hours were affected by unusual noneconomic conditions. Since the 1969 high reached in January, factory overtime has dropped by 0.7 hour.

Earnings

Average hourly earnings for all production and nonsupervisory workers on private payrolls rose 1 cent in March to \$3.16. Compared with

a year ago, average hourly earnings were up 19 cents, or 6.4 percent.

Average weekly earnings increased 68 cents over the month to \$117.55. Over-the-month gains were greatest in contract construction and manufacturing. Compared with March 1969, average weekly earnings increased by \$5.88, or 5.3 percent.

Over the year ending in February 1970, average weekly earnings rose by 6.1 percent; however, after adjustment for consumer price changes, earnings were down by 0.2 percent.

Scheduled release dates for major BLS statistical series, May 1970.		
	<u>Press release date</u>	<u>Period covered</u>
The Employment Situation	May 8	April
Spendable Earnings and Purchasing Power	May 20	April
Factory Labor Turnover	May 28	April
The above press releases are available, without charge, upon request to any of the BLS Regional Offices (see inside back cover for addresses) or the Bureau of Labor Statistics, Washington, D.C. 20212.		

Geographic Aspects of Unemployment in 1969

Paul O. Flaim and Paul M. Schwab *

An analysis of area data from the Current Population Survey shows little change in the Nation's pattern of unemployment in 1969. One of the few significant developments was a decline in Negro joblessness in the heavily industrialized States of the North Central region. This was probably a reflection of the strength of manufacturing employment in the first half of 1969. A small unemployment decline occurred also among both Negroes and whites in some areas of the South.

In the Nation's largest metropolitan areas, the unemployment rate for central city residents—3.9 percent—continued higher than that for persons residing in the suburbs—3.0 percent. Jobless rates for individual areas showed little change from 1968 and ranged from over 4.5 percent in Los Angeles—Long Beach and San Francisco—Oakland to less than 2.5 percent in Dallas, Milwaukee, and Minneapolis—St. Paul.

Regional Developments

The West continued to have the highest unemployment rate—4.9 percent—well above the 1969 national average of 3.5 percent. The high incidence of joblessness in this region reflects, in part, the substantial immigration of workers from other areas and the initial delay they encounter in getting a job.

The overall jobless rates in the Northeast and North Central regions—3.2 and 2.9 percent, respectively—were virtually the same as in 1968 and remained below the national average. The rate in the South, 3.6 percent, was also practically unchanged. Within the Southern region, however, there was a reduction in joblessness in the East South Central division (Alabama, Kentucky, Mississippi, and Tennessee).

Although the unemployment rates for Negroes and members of other minority races trended downward in all four regions, the only statistically significant improvement took place in the North Central region. This change resulted

largely from a reduction in unemployment among Negroes residing in the heavily industrial East North Central division—Ohio, Illinois, Michigan, Indiana, and Wisconsin. (See table 1.)

10 Largest States

Unemployment rates among the Nation's 10 largest States in 1969 ranged from 3 percent in Illinois and Massachusetts to 5 percent in California. Compared with 1968, none of the 10 States showed a statistically significant change in joblessness.

Negro unemployment rates also continued to show wide variation among these States, ranging from a low of 5 percent in Florida and New York to 8 percent in Ohio. Although in most of the 10 States the Negro rates were slightly lower than in 1968, the movements were not statistically significant. (See tables 2 and 3.)

Metropolitan Areas

In the Nation's 20 largest Standard Metropolitan Statistical Areas (SMSA's), the central city residents had an unemployment rate of 3.9 percent in 1969, compared with 4.1 percent in 1968, and 4.7 percent in 1967. Persons residing in the suburbs had a jobless rate of 3.0 percent, about the same as in the previous 2 years. The 20 SMSA's contain about a third of all the Nation's workers and nearly 40 percent of its Negro workers.

Of the Negro workers in these SMSA's, over 80 percent were concentrated in the central cities, where their unemployment rate was 6.2 percent, about the same as in 1968. For the small but increasing number of Negroes residing in the suburbs, the jobless rate was 5.0 percent, significantly below the 6.5 percent rate of 1968. The 1969 jobless rates for white workers were 3.2

* Of the Division of Employment and Unemployment Analysis, Bureau of Labor Statistics.

percent for those residing in the central cities and 2.9 percent for those living in the suburbs. (See table 4.)

Among individual areas, unemployment rates varied from slightly over 2 percent in Dallas,

Milwaukee, and Minneapolis—St. Paul to well over 4 percent in Los Angeles—Long Beach and San Francisco—Oakland. This pattern, as well as the distribution of jobless rates among the central cities, was generally the same as that which prevailed in 1968. (See tables 5, 6, and 7.)

A discussion of various aspects of these data, including an analysis as to why the CPS data differ from estimates prepared by State employment security agencies, is found in the technical note that follows on pages 23-25.

Table 1. Civilian labor force and unemployment by color
for major geographic regions and their divisions

(In thousands)

Area and color	1969 annual averages				1968 averages	
	Civilian labor force	Partici- pation rate	Unemployment		Unemployment	
			Level <u>2/</u>	Rate	Level <u>2/</u>	Rate
<u>TOTAL UNITED STATES</u>						
Total.....	80,730	60.1	2,830	3.5	2,815	3.6
White.....	71,780	59.9	2,260	3.1	2,225	3.2
Negro and other races.....	8,950	62.1	570	6.4	590	6.7
<u>NORTHEAST</u>						
Total.....	19,890	59.4	630	3.2	620	3.2
White.....	18,190	59.1	535	3.0	530	3.0
Negro and other races.....	1,710	63.0	95	5.5	90	5.7
New England						
Total.....	5,100	62.7	155	3.0	145	2.9
White.....	4,900	62.5	145	2.9	140	2.9
Negro and other races.....	200	67.9	10	5.6	5	4.5
Middle Atlantic						
Total.....	14,790	58.4	475	3.2	475	3.3
White.....	13,290	57.9	395	3.0	395	3.0
Negro and other races.....	1,510	62.4	85	5.5	85	5.8
<u>NORTH CENTRAL</u>						
Total.....	23,250	61.1	685	2.9	680	3.0
White.....	21,550	61.1	570	2.6	545	2.6
Negro and other races.....	1,690	61.7	115	6.8	135	8.0
East North Central						
Total.....	16,770	61.1	530	3.2	525	3.2
White.....	15,340	61.1	430	2.8	410	2.8
Negro and other races.....	1,430	61.8	100	6.9	115	8.2

Footnotes at end of table.

Table 1. Civilian labor force and unemployment by color
for major geographic regions and their divisions--cont'd.

(In thousands)

Area and color	1969 annual averages				1968 averages	
	Civilian labor force	Partici- pation rate	Unemployment		Unemployment	
			Level <u>2/</u>	Rate	Level <u>2/</u>	Rate
West North Central						
Total.....	6,480	61.1	155	2.4	155	2.4
White.....	6,220	61.1	135	2.2	135	2.2
Negro and other races.....	260	61.1	15	6.6	20	6.8
<u>SOUTH</u>						
Total.....	24,000	59.7	855	3.6	880	3.7
White.....	19,600	59.2	575	2.9	590	3.1
Negro and other races.....	4,400	61.6	280	6.4	290	6.6
South Atlantic						
Total.....	12,080	60.3	415	3.4	420	3.6
White.....	9,580	59.4	275	2.9	275	2.9
Negro and other races.....	2,500	64.2	140	5.6	150	6.0
East South Central						
Total.....	4,760	57.8	175	3.7	200	4.2
White.....	3,970	58.3	125	3.1	140	3.6
Negro and other races.....	790	55.2	50	6.6	60	7.5
West South Central						
Total.....	7,170	59.8	265	3.7	255	3.7
White.....	6,060	59.6	175	2.9	175	3.0
Negro and other races.....	1,110	61.0	90	8.1	80	7.4
<u>WEST</u>						
Total.....	13,590	60.2	660	4.9	645	4.9
White.....	12,430	59.9	585	4.7	565	4.7
Negro and other races.....	1,160	63.3	80	6.8	80	6.8

Footnotes at end of table.

Table 1. Civilian labor force and unemployment by color
for major geographic regions and their divisions--cont'd

(In thousands)

Area and color	1969 annual averages				1968 averages	
	Civilian labor force	Partici- pation rate	Unemployment		Unemployment	
			^{2/} Level	Rate	^{2/} Level	Rate
Mountain						
Total.....	3,000	60.2	125	4.2	125	4.4
White.....	2,870	60.2	115	4.0	120	4.2
Negro and other races....	130	60.5	10	7.3	10	7.8
Pacific						
Total.....	10,600	60.2	535	5.1	520	5.1
White.....	9,560	59.8	465	4.9	450	4.9
Negro and other races....	1,030	63.7	70	6.7	70	6.7

^{1/} Rounded to nearest 10,000.

^{2/} Rounded to nearest 5,000.

^{3/} Not shown separately where unemployment estimate is less than 5,000.

NOTE: Individual items may not add to totals due to independent rounding.

Table 2. Civilian labor force and unemployment by age, sex, and color in the 10 largest States, 1969 annual averages

(In thousands)

State, age, sex, and color	Civilian labor force <u>1/</u>	Participation rate	Unemployment			
			Level	Range <u>2/</u>	Rate	Range <u>2/</u>
<u>CALIFORNIA</u>						
Total.....	7,660	59.8	393	373-413	5.1	4.9-5.3
Men 20 years and over.....	4,480	83.0	157	145-169	3.5	3.2-3.8
Women 20 years and over...	2,570	42.1	141	130-152	5.5	5.0-6.0
Both sexes, 16-19 years...	600	47.1	95	86-104	15.5	14.1-16.9
White.....	6,930	59.5	338	320-356	4.9	4.6-5.2
Negro and other races.....	730	63.2	56	49-63	7.6	6.7-8.5
<u>NEW YORK</u>						
Total.....	7,460	58.3	244	228-260	3.3	3.1-3.5
Men 20 years and over.....	4,340	81.3	103	93-113	2.4	2.2-2.6
Women 20 years and over...	2,610	41.7	87	78-96	3.3	2.9-3.7
Both sexes, 16-19 years...	500	43.1	54	47-61	10.7	9.4-12.0
White.....	6,670	57.9	205	191-219	3.1	2.9-3.3
Negro and other races.....	790	62.3	39	33-45	4.9	4.1-5.7
<u>PENNSYLVANIA</u>						
Total.....	4,770	57.6	153	139-167	3.2	3.0-3.4
Men 20 years and over.....	2,830	81.6	53	45-61	1.9	1.6-2.2
Women 20 years and over...	1,570	39.3	55	47-63	3.5	3.0-4.0
Both sexes, 16-19 years...	370	45.6	45	38-52	12.2	10.4-14.0
White.....	4,350	57.4	127	115-139	2.9	2.6-3.2
Negro and other races.....	410	60.3	27	21-33	6.4	5.1-7.7
<u>ILLINOIS</u>						
Total.....	4,590	61.8	132	119-145	2.9	2.7-3.1
Men 20 years and over.....	2,620	84.4	43	36-50	1.6	1.3-1.9
Women 20 years and over...	1,550	43.5	42	35-49	2.7	2.2-3.2
Both sexes, 16-19 years...	420	54.7	47	40-54	11.2	9.5-12.9
White.....	4,120	62.0	102	91-113	2.5	2.2-2.8
Negro and other races.....	470	59.8	30	23-37	6.4	5.2-7.6

Footnotes at end of table

Table 2. Civilian labor force and unemployment by age, sex, and color in the 10 largest States, 1969 annual averages--cont'd

(In thousands)

State, age, sex, and color	Civilian labor force <u>1/</u>	Participation rate	Unemployment			
			Level	Range <u>2/</u>	Rate	Range <u>2/</u>
<u>TEXAS</u>						
Total.....	4,480	62.4	144	129-159	3.2	2.9-3.5
Men 20 years and over.....	2,560	85.6	39	32-46	1.5	1.2-1.8
Women 20 years and over....	1,530	45.1	52	44-60	3.4	2.9-3.9
Both sexes, 16-19 years....	390	48.8	53	44-62	13.7	11.5-15.9
White.....	3,870	61.6	105	92-118	2.7	2.4-3.0
Negro and other races.....	610	67.8	38	30-46	6.3	5.1-7.5
<u>OHIO</u>						
Total.....	4,300	59.6	148	135-161	3.4	3.1-3.7
Men 20 years and over.....	2,550	84.6	46	39-53	1.8	1.5-2.1
Women 20 years and over....	1,340	39.4	43	36-50	3.2	2.7-3.7
Both sexes, 16-19 years....	410	51.2	59	50-68	14.6	12.6-16.6
White.....	3,940	59.6	119	107-131	3.0	2.7-3.3
Negro and other races.....	360	60.2	29	22-36	7.9	6.3-9.5
<u>MICHIGAN</u>						
Total.....	3,480	60.5	138	125-151	4.0	3.6-4.4
Men 20 years and over.....	2,010	82.9	44	36-52	2.2	1.8-2.6
Women 20 years and over....	1,090	40.9	46	38-54	4.2	3.5-4.9
Both sexes, 16-19 years....	370	57.3	48	40-56	12.9	10.9-14.9
White.....	3,110	60.2	109	97-121	3.5	3.1-3.9
Negro and other races.....	370	63.6	28	21-35	7.6	6.0-9.2
<u>NEW JERSEY</u>						
Total.....	2,930	59.7	92	83-101	3.1	2.7-3.5
Men 20 years and over.....	1,750	84.5	36	31-41	2.1	1.8-2.4
Women 20 years and over....	960	40.7	34	29-39	3.5	3.0-4.0
Both sexes, 16-19 years....	220	46.2	21	17-25	9.7	7.9-11.5
White.....	2,590	59.1	72	64-80	2.8	2.4-3.2
Negro and other races.....	340	65.4	20	16-24	5.8	4.7-6.9

Footnotes at end of table

Table 2. Civilian labor force and unemployment by age, sex, and color in the 10 largest States, 1969 annual averages--cont'd

(In thousands)

State, age, sex, and color	Civilian labor force <u>1/</u>	Participation rate	Unemployment			
			Level	Range <u>2/</u>	Rate	Range <u>2/</u>
<u>FLORIDA</u>						
Total.....	2,370	54.9	81	71-91	3.4	3.0-3.8
Men 20 years and over.....	1,330	74.9	28	23-33	2.1	1.7-2.5
Women 20 years and over.....	850	39.6	31	26-36	3.7	3.0-4.4
Both sexes, 16-19 years.....	190	48.5	22	18-26	11.6	8.9-14.3
White.....	2,040	53.6	65	56-74	3.2	2.8-3.6
Negro and other races.....	330	64.8	16	12-20	4.8	3.4-6.2
<u>MASSACHUSETTS</u>						
Total.....	2,320	62.1	66	58-74	2.9	2.5-3.3
Men 20 years and over.....	1,290	84.0	23	18-28	1.8	1.4-2.2
Women 20 years and over.....	810	44.7	26	21-31	3.2	2.5-3.9
Both sexes, 16-19 years.....	210	56.6	17	13-21	8.1	6.1-10.1
White.....	2,230	62.1	62	55-69	2.8	2.4-3.2
Negro and other races.....	90	62.0	<u>3/</u>	--	--	--

1/ Rounded to nearest 10,000.

2/ In 90 cases out of 100, on the average, unemployment data from a complete census would fall within the indicated ranges.

3/ Not shown separately where unemployment estimate is less than 5,000.

NOTE: Individual items may not add to totals due to independent rounding.

Table 3. Unemployment rates by color for the 10 largest States,
annual averages, 1968-69

State	All persons				Negro and other races ^{1/}			
	1969		1968 rate	Error on 1968-69 change ^{3/}	1969		1968 rate	Error on 1968-69 change ^{3/}
	Rate	Range ^{2/}			Rate	Range ^{2/}		
California.....	5.1	4.9-5.3	5.1	.3	7.6	6.7-8.5	7.9	1.3
New York.....	3.3	3.1-3.5	3.1	.3	4.9	4.1-5.7	4.3	1.1
Pennsylvania.....	3.2	3.0-3.4	3.4	.4	6.4	5.1-7.7	7.3	1.9
Illinois.....	2.9	2.7-3.1	2.9	.3	6.4	5.2-7.6	7.7	1.7
Texas.....	3.2	2.9-3.5	3.4	.5	6.3	5.1-7.5	6.0	1.7
Ohio.....	3.4	3.1-3.7	3.4	.4	7.9	6.3-9.5	9.1	2.4
Michigan.....	4.0	3.6-4.4	3.9	.5	7.6	6.0-9.2	8.2	2.3
New Jersey.....	3.1	2.7-3.5	3.3	.5	5.8	4.7-6.9	7.3	1.6
Florida.....	3.4	3.0-3.8	3.8	.6	4.8	3.4-6.2	6.0	2.1
Massachusetts.....	2.9	2.5-3.3	2.9	.6	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>

^{1/} This designation includes all races other than white.

^{2/} In 90 cases out of 100, on the average, the unemployment rate for a complete census would fall within the indicated ranges.

^{3/} Year-to-year changes in the unemployment rate cannot be considered statistically significant unless they exceed figures shown in this column.

^{4/} Data not published where unemployment estimate is less than 5,000 or civilian labor force estimate is less than 50,000.

Table 4. Employment status of the noninstitutional population in the 20 largest SMSA's combined, their central cities and suburbs, by color, sex, and age, 1969 annual averages

(In thousands)

Area category, color, sex, and age	Civilian noninstitutional population	Civilian labor force		Employed	Unemployed	Unemployment rate	
		Number	Participation rate			1969	1968
COMBINED SMSA's							
Total.....	44,042	26,581	60.4	25,675	906	3.4	3.4
White.....	38,166	22,861	59.9	22,176	686	3.0	3.0
Men 20 years and over....	16,113	13,509	83.8	13,253	256	1.9	1.9
Women 20 years and over..	18,441	7,556	41.0	7,311	244	3.2	3.1
Both sexes, 16-19 years..	3,612	1,796	49.7	1,611	185	10.3	10.6
Negro and other races.....	5,876	3,720	63.3	3,499	221	5.9	6.4
Men 20 years and over....	2,297	1,916	83.4	1,842	73	3.8	4.1
Women 20 years and over..	2,880	1,518	52.7	1,443	75	4.9	5.6
Both sexes, 16-19 years..	699	285	40.8	214	72	25.2	25.3
CENTRAL CITIES							
Total.....	19,549	11,609	59.4	11,154	455	3.9	4.1
White.....	14,865	8,668	58.3	8,394	274	3.2	3.4
Men 20 years and over....	6,259	4,980	79.6	4,859	121	2.4	2.6
Women 20 years and over..	7,398	3,106	42.0	3,010	96	3.1	3.3
Both sexes, 16-19 years..	1,207	582	48.2	525	57	9.8	11.1
Negro and other races.....	4,683	2,941	62.8	2,760	181	6.2	6.3
Men 20 years and over....	1,816	1,501	82.6	1,443	58	3.8	4.3
Women 20 years and over..	2,309	1,212	52.5	1,148	64	5.3	5.2
Both sexes, 16-19 years..	556	229	41.2	169	60	26.1	25.3

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Footnotes at end of table.

Table 4. Employment status of the noninstitutional population in the 20 largest SMSA's combined, their central cities and suburbs, by color, sex, and age, 1969 annual averages--Cont'd.

(In thousands)

Area category, color, sex, and age	Civilian noninsti- tutional population	Civilian labor force		Employed	Unemployed	Unemployment rate	
		Number	Participation rate			1969	1968
SUBURBS							
Total.....	24,493	14,972	61.1	14,521	451	3.0	2.9
White.....	23,301	14,193	60.9	13,782	412	2.9	2.7
Men 20 years and over....	9,854	8,529	86.6	8,394	135	1.6	1.5
Women 20 years and over..	11,043	4,450	40.3	4,301	148	3.3	3.0
Both sexes, 16-19 years..	2,405	1,214	50.5	1,086	128	10.5	10.3
Negro and other races.....	1,193	779	65.3	739	40	5.1	6.5

NOTE: The 20 SMSA's are based on 1969 definitions. Sums of individual items may not add to totals because of independent rounding of data for each of 20 areas.

Table 5. Civilian labor force and unemployment in the 20 largest SMSA's 1/ and selected central cities, by age, sex, and color, 1969 annual averages

(In thousands)

Area, age, sex, and color	Civilian labor force 2/	Unemployment			
		Level	Range 3/	Rate	Range 3/
NEW YORK					
SMSA: Total	4,790	155	145-165	3.2	3.0-3.4
Men 20 years and over	2,810	72	65-79	2.6	2.4-2.8
Women 20 years and over	1,700	57	51-63	3.4	3.1-3.7
Both sexes, 16-19 years	280	26	22-30	9.4	8.1-10.7
White	4,110	124	115-133	3.0	2.8-3.2
Negro and other races	680	31	24-38	4.6	3.6-5.6
Central City: Total	3,260	117	109-125	3.6	3.4-3.8
White	2,660	88	81-95	3.3	3.1-3.5
Negro and other races	600	28	21-35	4.7	3.7-5.7
LOS ANGELES-LONG BEACH					
SMSA: Total	3,420	163	153-173	4.8	4.5-5.1
Men 20 years and over	2,010	66	60-72	3.3	3.0-3.6
Women 20 years and over	1,160	58	52-64	5.0	4.5-5.5
Both sexes, 16-19 years	250	39	34-44	15.4	13.7-17.1
White	3,060	134	125-143	4.4	4.2-4.6
Negro and other races	370	29	22-36	7.9	6.3-9.5
Central City: Total	1,290	69	63-75	5.4	5.0-5.8
White	1,060	51	46-56	4.8	4.3-5.3
Negro and other races	230	19	14-24	8.0	6.2-9.8
CHICAGO					
SMSA: Total	2,840	85	78-92	3.0	2.7-3.3
Men 20 years and over	1,610	26	22-30	1.6	1.4-1.8
Women 20 years and over	980	27	23-31	2.8	2.4-3.2
Both sexes, 16-19 years	250	32	27-37	13.0	11.2-14.8
White	2,470	61	54-68	2.5	2.2-2.8
Negro and other races.....	370	23	18-28	6.2	5.1-7.3
Central City: Total	1,370	47	42-52	3.4	3.1-3.7
White	1,040	27	24-30	2.6	2.2-3.0
Negro and other races.....	330	20	16-24	5.9	4.9-6.9

Footnotes at end of table.

Table 5. Civilian labor force and unemployment in the 20 largest SMSA's and selected central cities, by age, sex, and color, 1969 annual averages--cont'd

Area, age, sex, and color	Civilian labor force 2/	Unemployment			
		Level	Range 3/	Rate	Range 3/
PHILADELPHIA					
SMSA: Total	1,920	56	51-61	2.9	2.6-3.2
Men 20 years and over	1,130	21	18-24	1.9	1.6-2.2
Women 20 years and over	650	20	16-24	3.1	2.6-3.6
Both sexes, 16-19 years	140	15	12-18	10.5	8.7-12.3
White	1,550	35	31-39	2.3	2.0-2.6
Negro and other races	370	21	16-26	5.6	4.5-6.7
Central City: Total	800	29	25-33	3.6	3.2-4.0
White	530	12	10-14	2.2	1.8-2.6
Negro and other races..	270	17	12-22	6.5	4.9-8.1
DETROIT					
SMSA: Total	1,650	67	61-73	4.1	3.7-4.5
Men 20 years and over	980	19	16-22	1.9	1.6-2.2
Women 20 years and over	510	24	20-28	4.7	4.0-5.4
Both sexes, 16-19 years	170	25	20-30	14.6	12.6-16.6
White	1,360	44	39-49	3.2	2.8-3.6
Negro and other races	290	23	18-28	7.9	6.5-9.3
Central City: Total	660	37	32-40	5.5	4.8-6.2
White	430	16	12-20	3.9	3.1-4.7
Negro and other races..	240	20	14-26	8.5	6.6-10.4
SAN FRANCISCO-OAKLAND					
SMSA: Total	1,350	61	55-67	4.5	4.1-4.9
Men 20 years and over	770	27	23-31	3.5	3.0-4.0
Women 20 years and over	490	23	19-27	4.7	4.0-5.4
Both sexes, 16-19 years	90	12	9-15	12.7	9.9-15.5
White	1,150	49	44-54	4.3	3.9-4.7
Negro and other races	200	11	8-14	5.6	4.3-6.9
Central City: Total	440	21	18-24	4.8	4.2-5.4
White	310	15	12-18	4.8	3.9-5.7
Negro and other races..	130	7	5-9	4.7	3.4-6.0

Footnotes at end of table.

Table 5. Civilian labor force and unemployment in the 20 largest SMSA's and selected central cities, by age, sex, and color, 1969 annual averages--cont'd.

(In thousands)

Area, age, sex, and color	Civilian labor force <u>2/</u>	Unemployment			
		Level	Range <u>3/</u>	Rate	Range <u>3/</u>
BOSTON					
SMSA: Total.....	1,150	32	27-37	2.8	2.4-3.2
White.....	1,110	30	26-34	2.8	2.4-3.2
Negro and other races.....	50	<u>4/</u>	-- --	--	-- --
WASHINGTON					
SMSA: Total.....	1,090	28	24-32	2.6	2.2-3.0
White.....	810	20	16-24	2.4	1.9-2.9
Negro and other races.....	280	8	5-11	3.0	1.8-4.2
Central City: Total.....	340	10	7-13	3.0	2.1-3.9
White.....	90	<u>4/</u>	-- --	--	-- --
Negro and other races..	240	8	4-12	3.1	1.6-4.6
PITTSBURGH					
SMSA: Total.....	910	37	33-41	4.1	3.7-4.5
White.....	840	32	28-36	3.8	3.3-4.3
Negro and other races.....	70	5	3-7	7.4	5.2-9.6
ST. LOUIS					
SMSA: Total.....	910	32	28-36	3.5	3.1-3.9
White.....	770	21	17-25	2.7	2.3-3.1
Negro and other races.....	140	11	8-14	7.5	5.9-9.1
Central City: Total.....	250	12	10-14	4.9	4.1-5.7
White.....	130	<u>4/</u>	-- --	--	-- --
Negro and other races.	110	8	5-11	7.5	5.4-9.6
NEWARK					
SMSA: Total.....	790	21	18-24	2.7	2.4-3.0
White.....	630	14	12-16	2.3	1.9-2.7
Negro and other races.....	160	7	5-9	4.2	3.0-5.4
CLEVELAND					
SMSA: Total.....	780	24	20-28	3.1	2.6-3.6
White.....	660	15	12-18	2.3	1.9-2.7
Negro and other races.....	120	8	5-11	7.2	5.0-9.4
Central City: Total.....	240	12	10-14	5.1	4.2-6.0
White.....	150	5	3-7	3.4	2.4-4.4
Negro and other races.	90	7	4-10	7.7	5.2-10.2

Footnotes at end of table.

Table 5. Civilian labor force and unemployment in the 20 largest SMSA's and selected central cities, by age, sex, and color, 1969 annual averages--cont'd.

(In thousands)

Area, age, sex, and color	Civilian labor force <u>2/</u>	Unemployment			
		Level	Range <u>3/</u>	Rate	Range <u>3/</u>
BALTIMORE					
SMSA: Total.....	770	27	23-31	3.5	3.0-4.0
White.....	560	14	11-17	2.5	1.9-3.1
Negro and other races.....	210	13	9-17	6.1	4.5-7.7
Central City: Total.....	370	17	14-20	4.5	3.8-5.2
White.....	190	5	3-7	2.8	1.9-3.7
Negro and other races..	180	11	8-14	6.4	4.7-8.1
MINNEAPOLIS-ST. PAUL					
SMSA: Total <u>5/</u>	720	16	13-19	2.3	1.8-2.8
Central City: Total <u>5/</u>	330	8	6-10	2.4	1.8-3.0
HOUSTON					
SMSA: Total	720	23	19-27	3.2	2.6-3.8
White	580	13	10-16	2.3	1.8-2.8
Negro and other races	140	9	5-13	6.7	4.0-9.4
Central City: Total	530	17	13-21	3.3	2.7-3.9
White	390	8	6-10	2.1	1.6-2.6
Negro and other races ..	140	9	5-13	6.6	3.9-9.3
DALLAS					
SMSA: Total	670	15	12-18	2.2	1.7-2.7
White	580	10	8-12	1.8	1.4-2.2
Negro and other races	90	5	2-8	5.3	2.3-8.3
Central City: Total	400	10	7-13	2.5	1.9-3.1
White	320	6	4-8	1.8	1.4-2.2
Negro and other races ..	80	5	2-8	5.6	2.4-8.8
PATERSON-CLIFTON-PASSAIC					
SMSA: Total	590	21	17-25	3.6	2.9-4.3
White	540	17	13-21	3.2	2.5-3.9
Negro and other races	50	<u>4/</u>	-- --	--	-- --

Footnotes at end of table.

Table 5. Civilian labor force and unemployment in the 20 largest SMSA's and selected central cities, by age, sex, and color, 1969 annual averages--cont'd

(In thousands)

Area, age, sex, and color	Civilian labor force 2/	Unemployment			
		Level	Range 3/	Rate	Range 3/
<u>BUFFALO</u>					
SMSA: Total	550	20	17-23	3.7	3.1-4.3
White	520	15	12-18	3.0	2.5-3.5
Negro and other races	4/	--	-- --	--	-- --
<u>MILWAUKEE</u>					
SMSA: Total	530	12	10-14	2.3	1.9-2.7
White	480	10	8-12	2.1	1.7-2.5
Negro and other races	50	4/	-- --	--	-- --
Central City: Total	300	7	6-8	2.2	1.8-2.6
White	260	5	4-6	1.9	1.4-2.4
Negro and other races ..	50	4/	-- --	--	-- --
<u>CINCINNATI</u>					
SMSA: Total	430	11	8-14	2.7	2.1-3.3
White	390	9	6-12	2.5	1.8-3.2
Negro and other races	50	4/	--	--	-- --

1/ For purposes of this table, the definitions of SMSA's are those which were in effect in 1960.

2/ Rounded to nearest 10,000.

3/ In 90 cases out of 100, on the average, unemployment data from a complete census would fall within the indicated ranges.

4/ Not shown separately where unemployment estimates is less than 5,000 or where labor force is less than 50,000.

5/ No color break shown because population and labor force are almost entirely white.

NOTE: Individual items may not add to totals due to independent rounding. SMSA's are based on 1960 definitions.

Table 6. Unemployment rates in the 20 largest SMSA's by color, annual averages, 1968-69

SMSA	All persons				Negro and other races ^{1/}			
	1969		1968 rate	Error on 1968-69 change ^{3/}	1969		1968 rate	Error on 1968-69 change ^{3/}
	Rate	Range ^{2/}			Rate	Range ^{2/}		
Total.....	3.4	--	3.4	--	5.9	--	6.4	--
Baltimore.....	3.5	3.0-4.0	3.4	.7	6.1	4.5-7.7	6.1	2.3
Boston.....	2.8	2.4-3.2	2.5	.5	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Buffalo.....	3.7	3.1-4.3	4.0	.8	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Chicago.....	3.0	2.7-3.3	3.0	.4	<u>6.2</u>	5.1-7.3	<u>7.6</u>	<u>1.7</u>
Cincinnati.....	2.7	2.1-3.3	2.9	.9	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Cleveland.....	3.1	2.6-3.6	3.5	.7	7.2	5.0-9.4	8.3	3.3
Dallas.....	2.2	1.7-2.7	2.3	.7	5.3	2.3-8.3	<u>4/</u>	<u>4/</u>
Detroit.....	4.1	3.7-4.5	3.8	.5	7.9	6.5-9.3	7.5	1.9
Houston.....	3.2	2.6-3.8	3.3	.8	6.7	4.0-9.4	5.7	3.5
Los Angeles-Long Beach....	4.8	4.5-5.1	4.7	.4	7.9	6.3-9.5	8.5	2.3
Milwaukee.....	2.3	1.9-2.7	2.9	.6	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Minneapolis-St. Paul.....	2.3	1.8-2.8	2.4	.7	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Newark.....	2.7	2.4-3.0	4.1	.6	4.2	3.0-5.4	9.1	2.9
New York.....	3.2	3.0-3.4	3.0	.3	4.6	3.6-5.6	3.9	1.3
Paterson-Clifton-Passaic..	3.6	2.9-4.3	2.6	.9	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Philadelphia.....	2.9	2.6-3.2	3.2	.4	5.6	4.5-6.7	6.0	1.6
Pittsburgh.....	4.1	3.7-4.5	4.4	.6	7.4	5.2-9.6	11.9	4.0
San Francisco-Oakland.....	4.5	4.1-4.9	4.8	.6	5.6	4.3-6.9	7.9	2.2
St. Louis.....	3.5	3.1-3.9	3.1	.6	7.5	5.9-9.1	6.9	2.2
Washington.....	2.6	2.2-3.0	2.7	.6	3.0	1.8-4.2	4.4	2.2

^{1/} This designation includes all races other than white.

^{2/} In 90 cases out of 100, on the average, the unemployment rate for a complete census would fall within the indicated ranges.

^{3/} Year-to-year changes in the unemployment rate cannot be considered statistically significant unless they exceed figures shown in this column.

^{4/} Data not published where unemployment estimate is less than 5,000 or civilian labor force estimate is less than 50,000

Table 7. Unemployment rates in selected central cities by color, annual averages, 1968-69

Central city	All persons				Negro and other races ^{1/}			
	1969		1968 Rate	Error on 1968-69 change ^{3/}	1969		1968 rate	Error on 1968-69 change ^{3/}
	Rate	Range ^{2/}			Rate	Range ^{2/}		
Baltimore.....	4.5	3.8-5.2	5.0	1.1	6.4	4.7-8.1	6.5	2.4
Chicago.....	3.4	3.1-3.7	3.8	.4	5.9	4.9-6.9	7.4	1.6
Cleveland.....	5.1	4.2-6.0	5.4	1.3	7.7	5.2-10.2	9.2	3.9
Dallas.....	2.5	1.9-3.1	2.6	.9	5.6	2.4-8.8	<u>4/</u>	<u>4/</u>
Detroit.....	5.5	4.8-6.2	5.1	1.0	8.5	6.6-10.4	7.3	2.5
Houston.....	3.3	2.7-3.9	3.4	.8	6.6	3.9-9.3	5.8	3.6
Los Angeles-Long Beach...	5.4	5.0-5.8	5.4	.6	8.0	6.2-9.8	8.6	2.6
Milwaukee.....	2.2	1.8-2.6	3.7	.8	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
Minneapolis-St. Paul.....	2.4	1.8-3.0	3.1	1.0	<u>4/</u>	<u>4/</u>	<u>4/</u>	<u>4/</u>
New York.....	3.6	3.4-3.8	3.1	.3	4.7	3.7-5.7	4.0	1.3
Philadelphia.....	3.6	3.2-4.0	3.9	.6	6.5	4.9-8.1	6.1	2.2
San Francisco-Oakland....	4.8	4.2-5.4	6.2	1.0	4.7	3.4-6.0	6.6	2.2
St. Louis.....	4.9	4.1-5.7	4.9	1.2	7.5	5.4-9.6	7.0	2.9
Washington, D. C.....	3.0	2.1-3.9	3.8	1.4	3.1	1.6-4.6	4.5	3.1

^{1/} This designation includes all races other than white.

^{2/} In 90 cases out of 100, on the average, the unemployment rate from a complete census would fall within the indicated ranges.

^{3/} Year-to-year changes in the unemployment rate cannot be considered statistically significant unless they exceed figures shown in this column.

^{4/} Data not published where unemployment estimate is less than 5,000 or civilian labor force estimate is less than 50,000.

Technical Note: Area Data From The Current Population Survey

The data presented in the accompanying tables were developed by the Bureau of Labor Statistics from information collected as part of the Current Population Survey (CPS), a national sample survey of 50,000 households conducted monthly by the Bureau of the Census for the Bureau of Labor Statistics. ^{1/} The publication of these data serves to provide information on the age-sex-color composition of area unemployment not available from other sources.

The figures for States, metropolitan areas, and central cities have a much larger statistical variance than national data, even when averaged over a full year. The accompanying tables give the estimated absolute levels and rates, as well as the ranges in which, in 90 cases out of 100 (on the average), the data from a complete census of the population would fall.

The statistical variability of the regional estimates closely approximates that of national data. For this reason, standard error tables for national figures are presented below for use in calculating reliability estimates for the regional data.

The States covered by the Bureau's study are the 10 largest on the basis of their 1969 populations. Figures for the 10 States have been adjusted to independent population estimates (provisional estimates) made by the Bureau of the Census for the civilian noninstitutional population 16 years of age and over as of July 1, 1969, a central point for the annual averages.

Table A. Standard error of level for regions, 1969 annual averages (in thousands)

Size of estimate	Total or white	Negro and other races
10	2	2
50	4	4
100	5	5
250	9	8
500	13	11
1,000	18	16
2,500	27	18
5,000	38	20
10,000	51	—

Table B. Standard error of percentage for regions, 1969 annual averages

Base of percentages (thousands)	Estimated percentage		
	1	2	5
150	0.4	0.5	0.8
250 .....	.3	.4	.6
500 .....	.2	.3	.4
1,000 .....	.1	.2	.3
2,000 .....	.1	.1	.2
3,000 .....	.1	.1	.2
5,000 .....	.1	.1	.1
10,000 .....	.1	.1	.1
	10	15	20
150	1.1	1.3	1.5
250	0.8	1.0	1.1
500 .....	.6	0.7	0.8
1,000 .....	.4	.5	.6
2,000 .....	.3	.3	.4
3,000 .....	.3	.3	.3
5,000 .....	.2	.2	.3
10,000 .....	.1	.1	.2

The population adjustment increases the accuracy of the civilian labor force estimates.

The statistical reliability of the estimates for individual States depends partly on the proportion of the State's population residing in primary sampling units (PSU's) which have been designated as self-representing areas (i.e., PSU's which come into the sample with statistical certainty). ^{2/} States having a relative high proportion of their population residing in these PSU's will consequently have more accurate labor force

^{1/} The CPS is fully explained in Concepts and Methods Used in Manpower Statistics from the Current Population Survey, BLS Report 313, which is available from the Bureau of Labor Statistics upon request.

^{2/} With some minor exceptions, a PSU consists of a county or a number of contiguous counties. Each standard metropolitan statistical area constitutes a PSU. The detailed description of the sample design and other technical phases of the program in Technical Paper No. 7, "The Current Population Survey—A Report on Methodology," U.S. Bureau of the Census, Washington, D.C., 1963, is still largely applicable to the present survey.

statistics. Most of the States discussed in this article fit into this classification.

The Standard Metropolitan Statistical Areas (SMSA's) for which data are presented in this report are the 20 largest in terms of their 1960 population. For the purposes of this report, the boundaries of the 20 SMSA's, which may encompass one or more large cities and the adjacent suburban counties, are those which were in effect in 1960. With the exception of one area (Boston), the 1969 SMSA's labor force and unemployment estimates have adjusted to independent population estimates prepared by the Bureau of the Census.

The central cities include the corporate limits of the city or cities named in the SMSA title. For example, the central city of the Washington SMSA consists of the District of Columbia, while the central city of the Minneapolis-St. Paul SMSA includes the two separate political entities. Central city data are not shown separately where the 1969 civilian labor force estimate was below 240,000.

The "suburbs" or "suburban areas" referred to in this report are those parts of the SMSA's which lie outside the central cities. In some cases these suburban areas include fairly large towns. For example, the suburbs of the Philadelphia SMSA include Camden, N.J., which had a population of 117,000 in 1960.

Comparability with Manpower Administration work force and unemployment statistics

The Manpower Administration (MA) and its affiliated State employment security agencies, also publish work force and unemployment levels and rates for States and SMSA's. In some instances, data presented in the BLS report may vary from figures published as part of the MA program. Variations occur 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. Following are the basic differences in methodology, coverage, and definition between BLS and MA estimates:

(1) The MA figures are estimated by State employment security agencies using insured unemployment as a base for the unemployment estimate and then applying standardized methodology to calculate the unemployment not included in these counts, such as 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 (such as workers in agriculture, State and local government, domestic service, self-employment, unpaid family work, non-profit organizations, and firms below a minimum size.)^{3/} The BLS estimates come from a sample survey of the households in the population. Although the concepts of unemployment used are the same, with minor exceptions, the two methods of estimation do result in some differences.

(2) The MA estimates of employment are based upon employer payroll records, involving some double-counting of multiple jobholders. Payroll figures count each job, whereas the household survey counts each person once only. There are also problems of place of work versus place of residence. Although both the MA and BLS unemployment estimates are based on the place of residence of the unemployed, the MA employment estimates are based on where people work, while the BLS estimates count employed persons where they live.

(3) The SMSA boundaries used in the BLS study are those that were in effect in 1960, while MA has updated SMSA definitions for boundary changes made through 1969. Eleven of the 20 largest SMSA's were redefined between 1960 and 1969; they are Baltimore, Boston, Cincinnati, Cleveland, Dallas, Houston, Los Angeles-Long Beach, Milwaukee, St. Louis, San Francisco-Oakland, and Washington.

(4) The MA unemployment definitions have not yet been adjusted for the changes in definition and coverage that were introduced by the BLS in January 1967. ^{4/}

^{3/} Handbook on Estimating Unemployment, BES No. R-185: March 1960.

^{4/} "New Definitions for Employment and Unemployment," Employment and Earnings and Monthly Report on the Labor Force, BLS: February 1967.

These differences in methodology, definitions, and coverage contribute to the variances in labor force (or work force), unemployment, and unemployment rates in the States and SMSA's covered

by both BLS and MA. A detailed study of the differences between the two series of estimates is currently underway within the Department of Labor.

Chart 1.

LABOR FORCE AND EMPLOYMENT

1957 to date
(Seasonally adjusted)

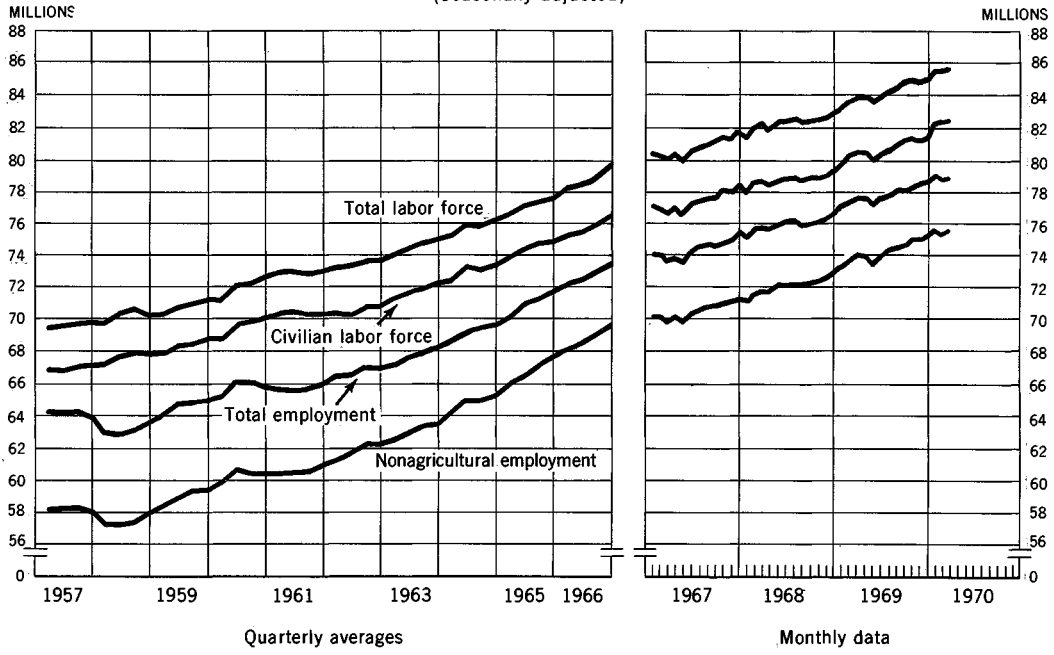
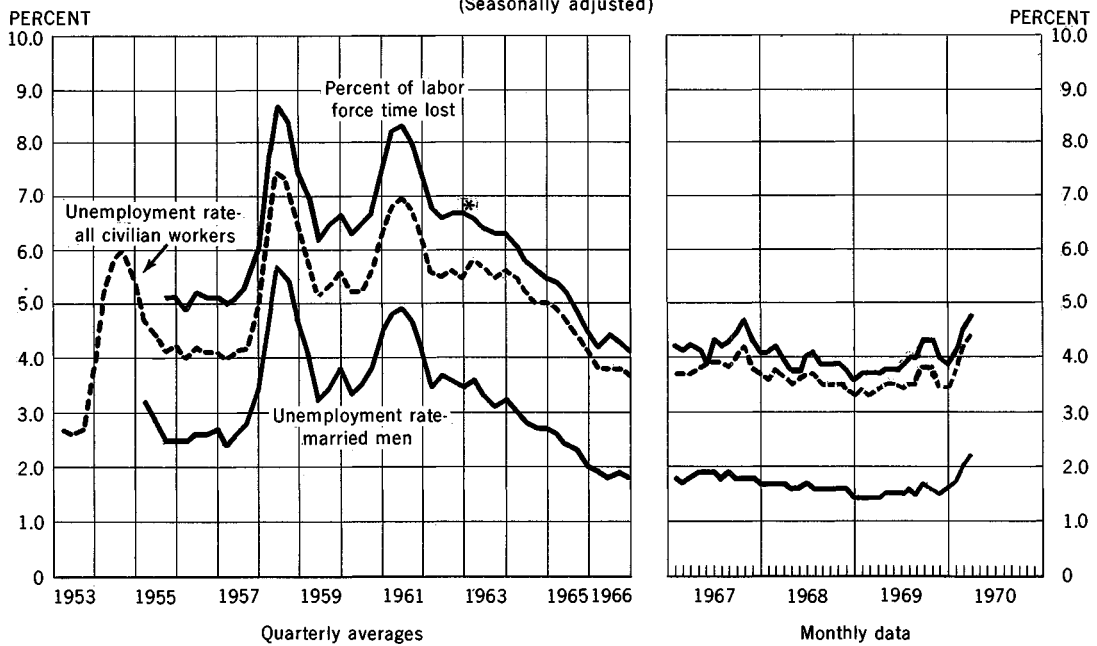


Chart 2.

MAJOR UNEMPLOYMENT INDICATORS

1953 to date
(Seasonally adjusted)

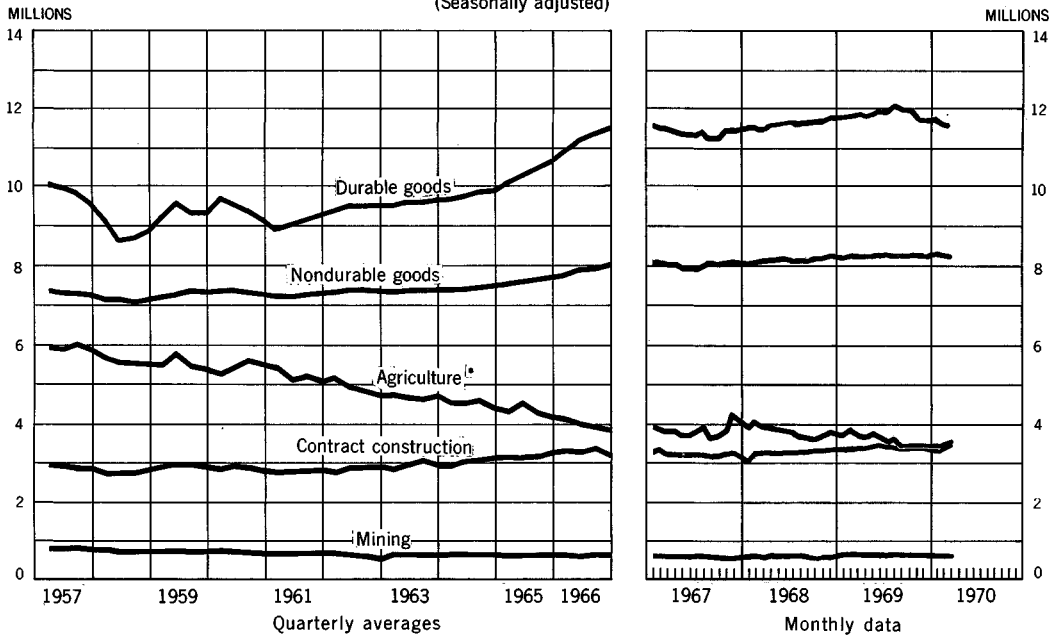


* Series revised beginning 1963 to reflect whether unemployed persons sought full-or part-time jobs,

Chart 3.

PAYROLL EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)

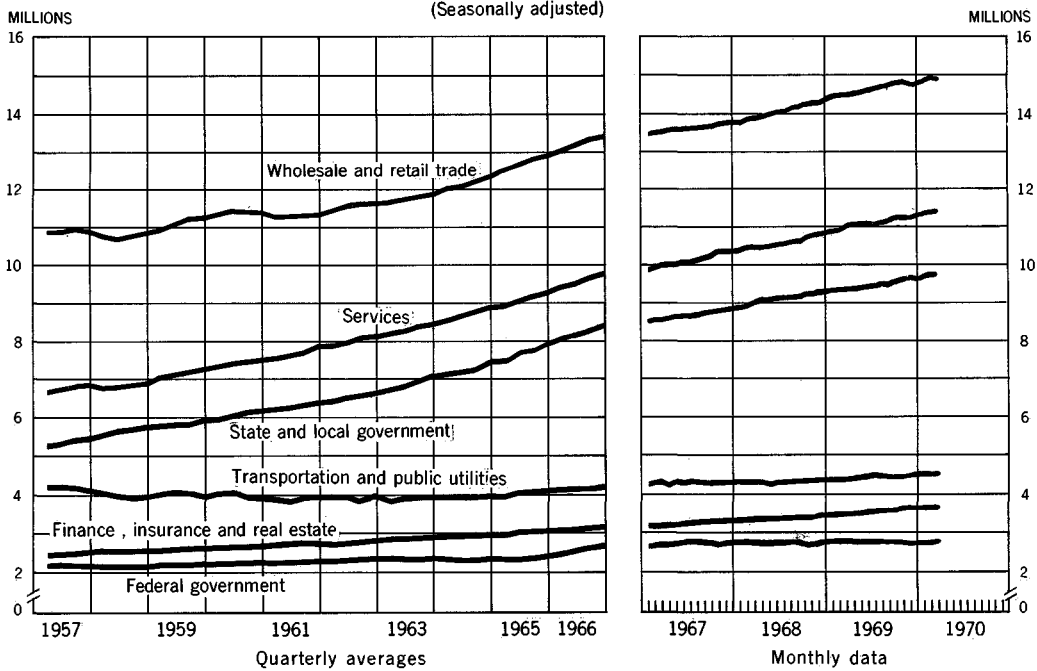


*Includes self-employed and unpaid family workers.
Note: Data for 2 most recent months are preliminary.

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)

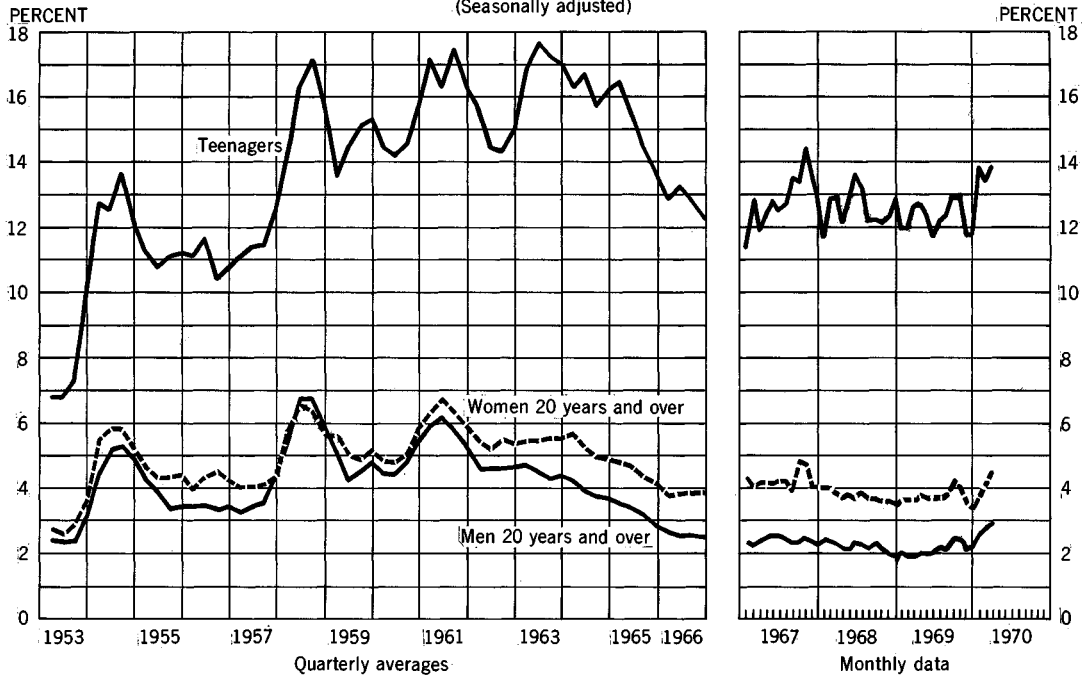


Chart 6.

TOTAL UNEMPLOYMENT BY DURATION

1953 to date
(Seasonally adjusted)

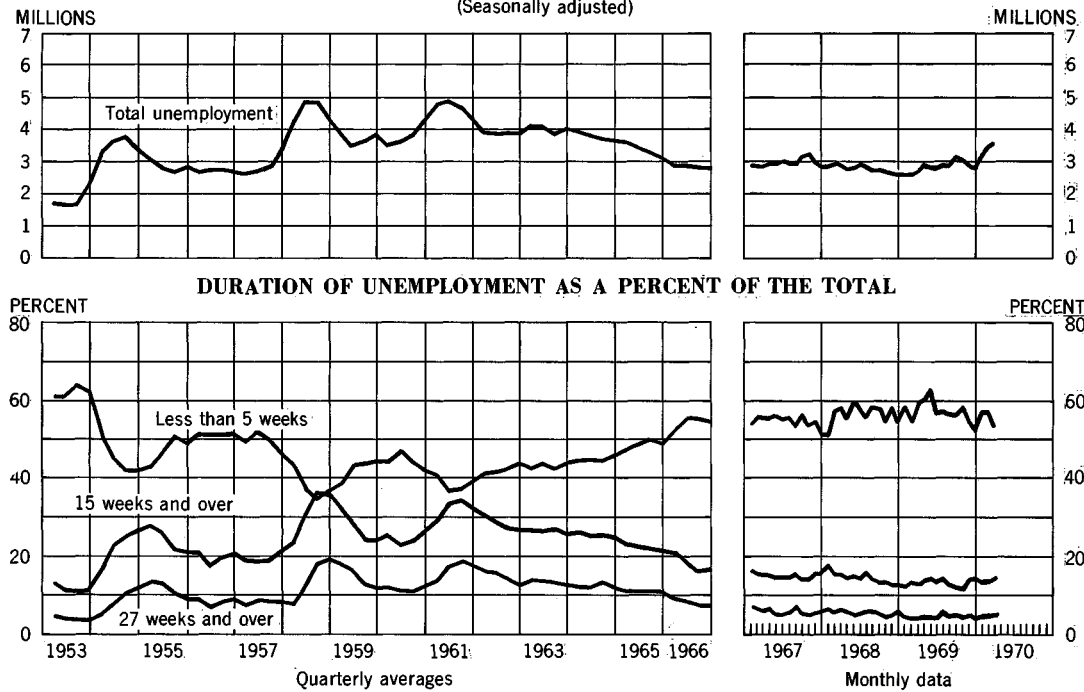
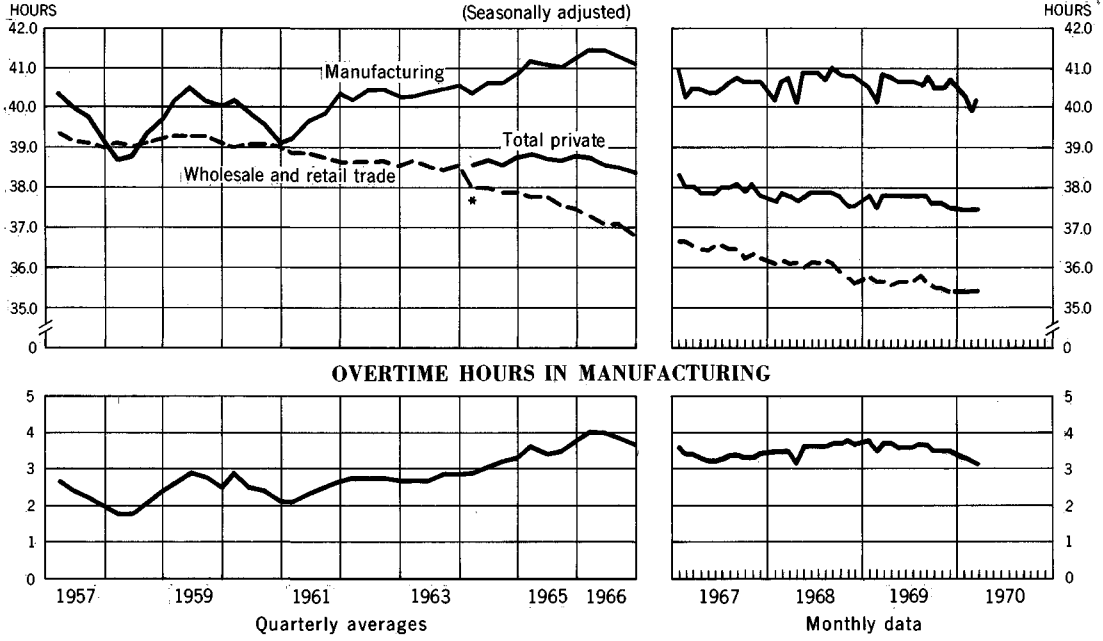


Chart 7.

HOURS OF WORK IN TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS, MANUFACTURING, AND TRADE

1957 to date
(Seasonally adjusted)

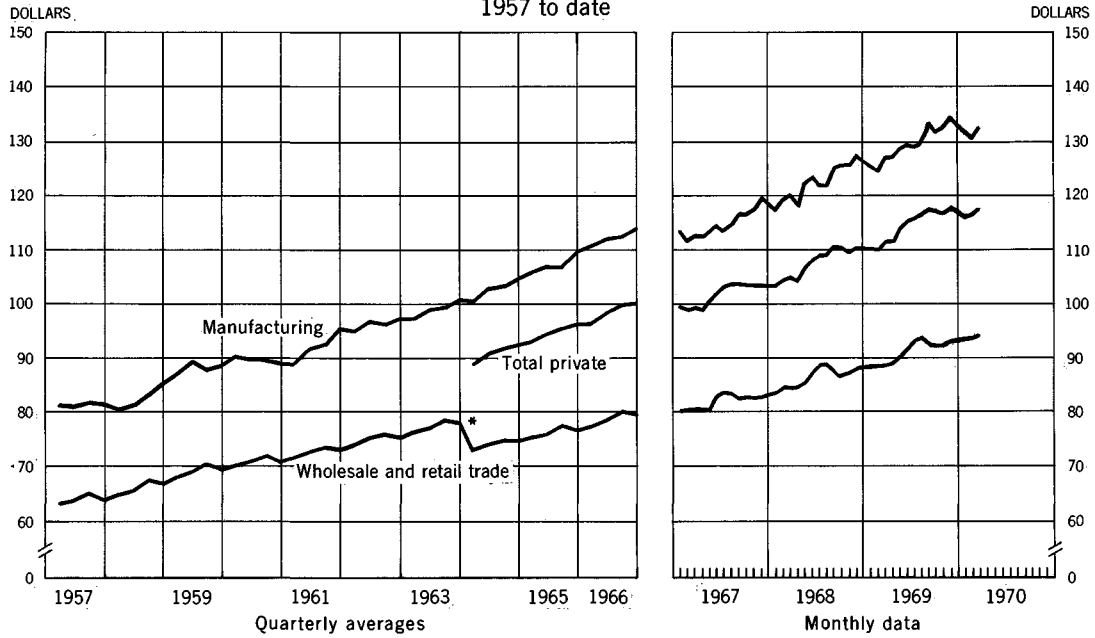


* Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

Chart 8.

AVERAGE WEEKLY EARNINGS IN TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS, MANUFACTURING, AND TRADE

1957 to date

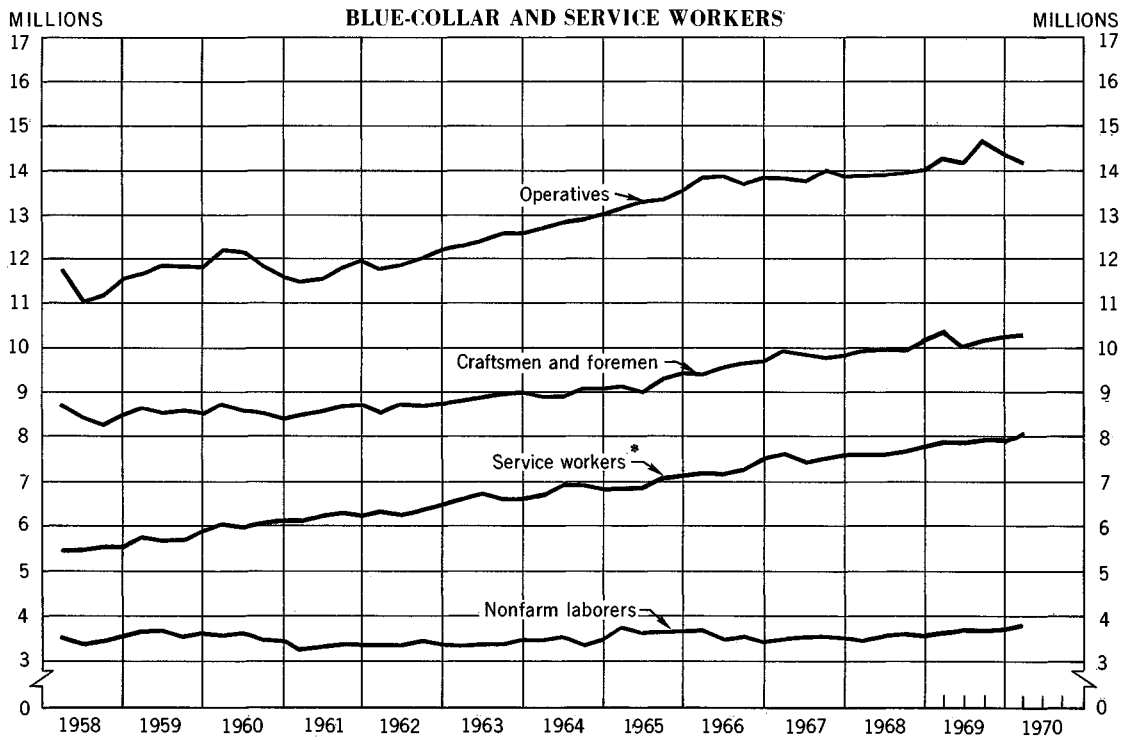
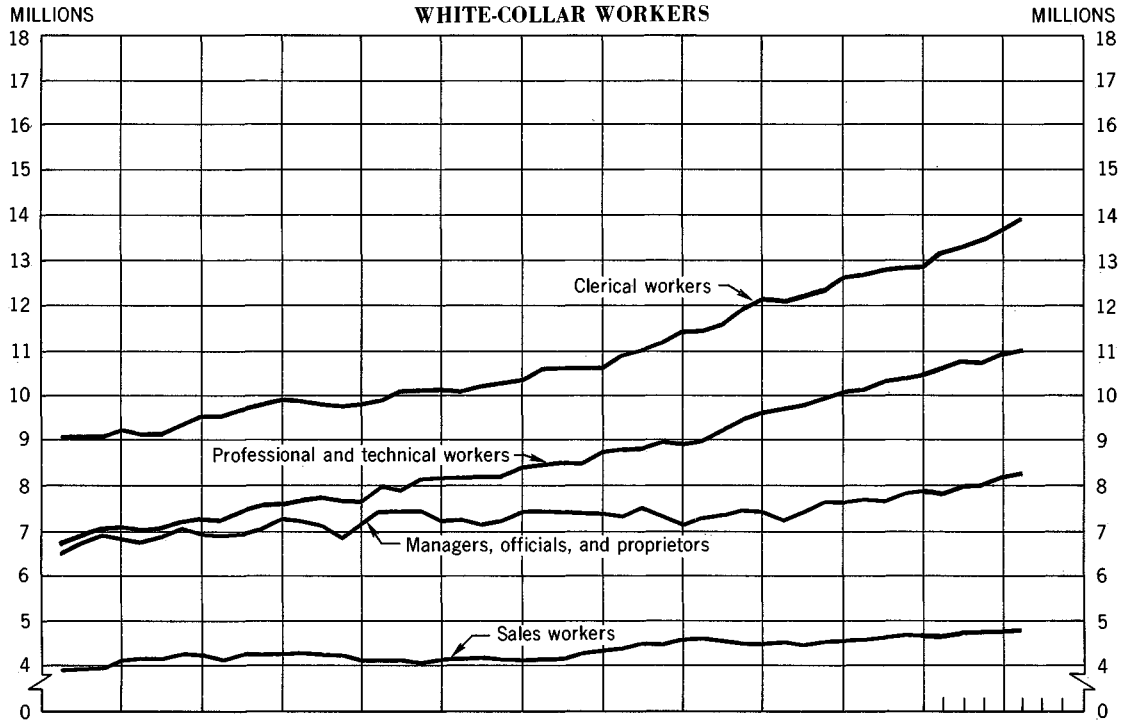


* Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

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)

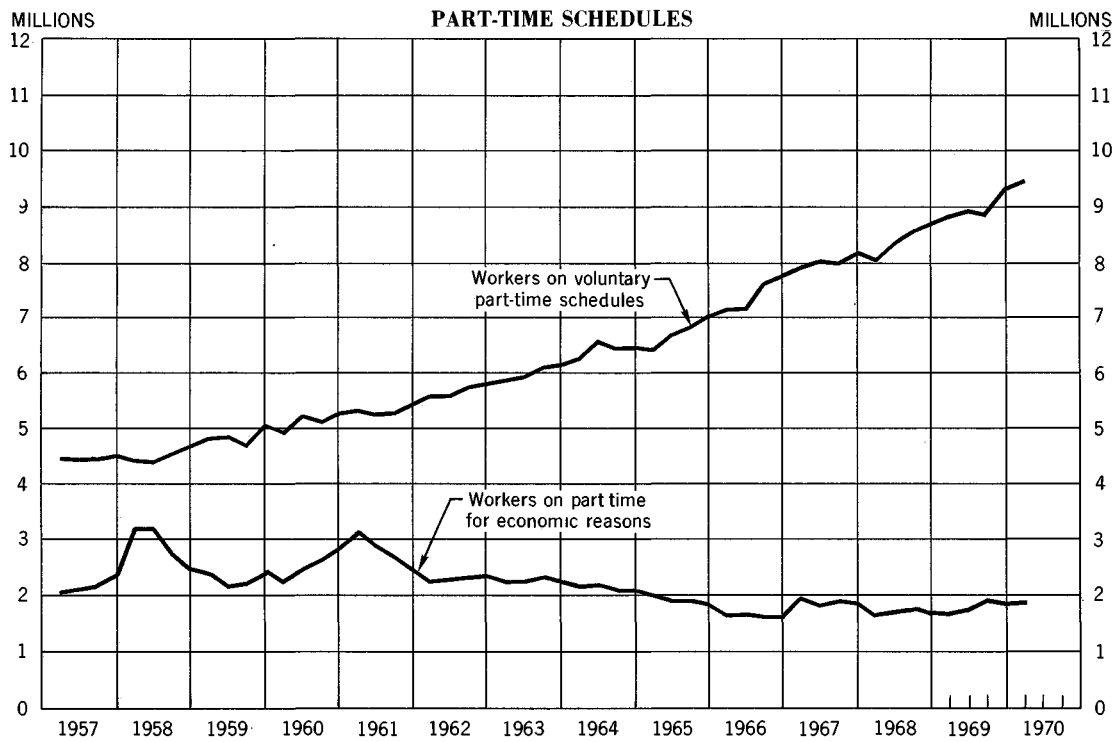
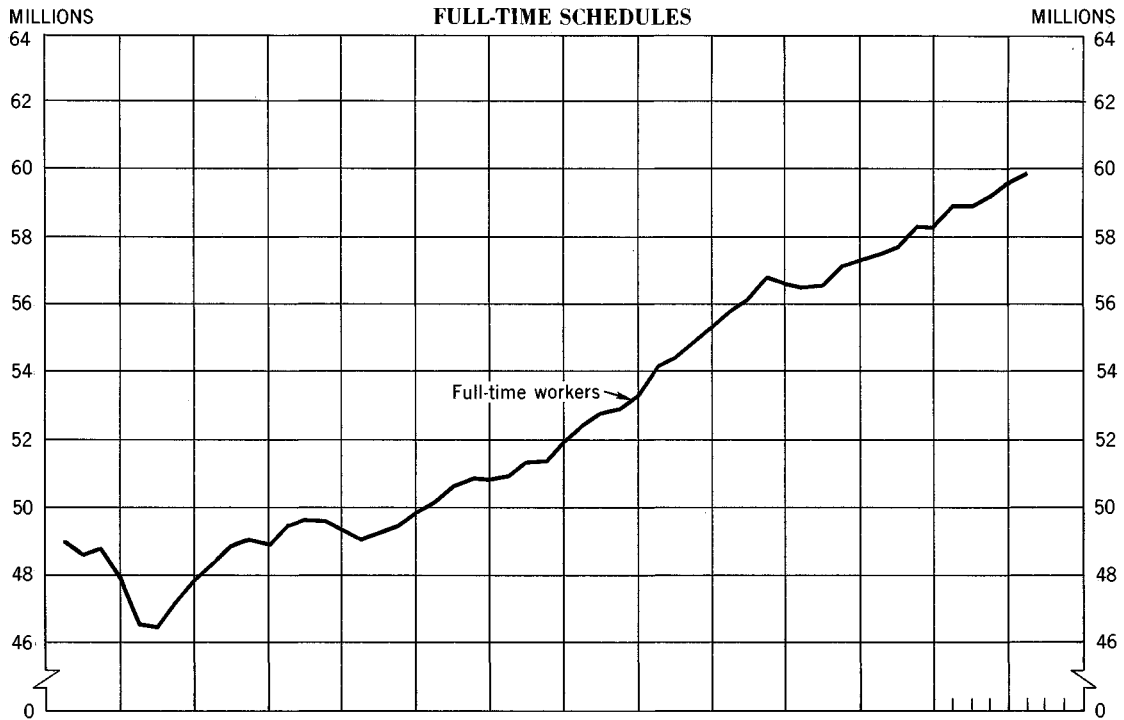


Chart 11.

UNEMPLOYMENT RATES BY OCCUPATION

1958 to date

(Seasonally adjusted quarterly averages)

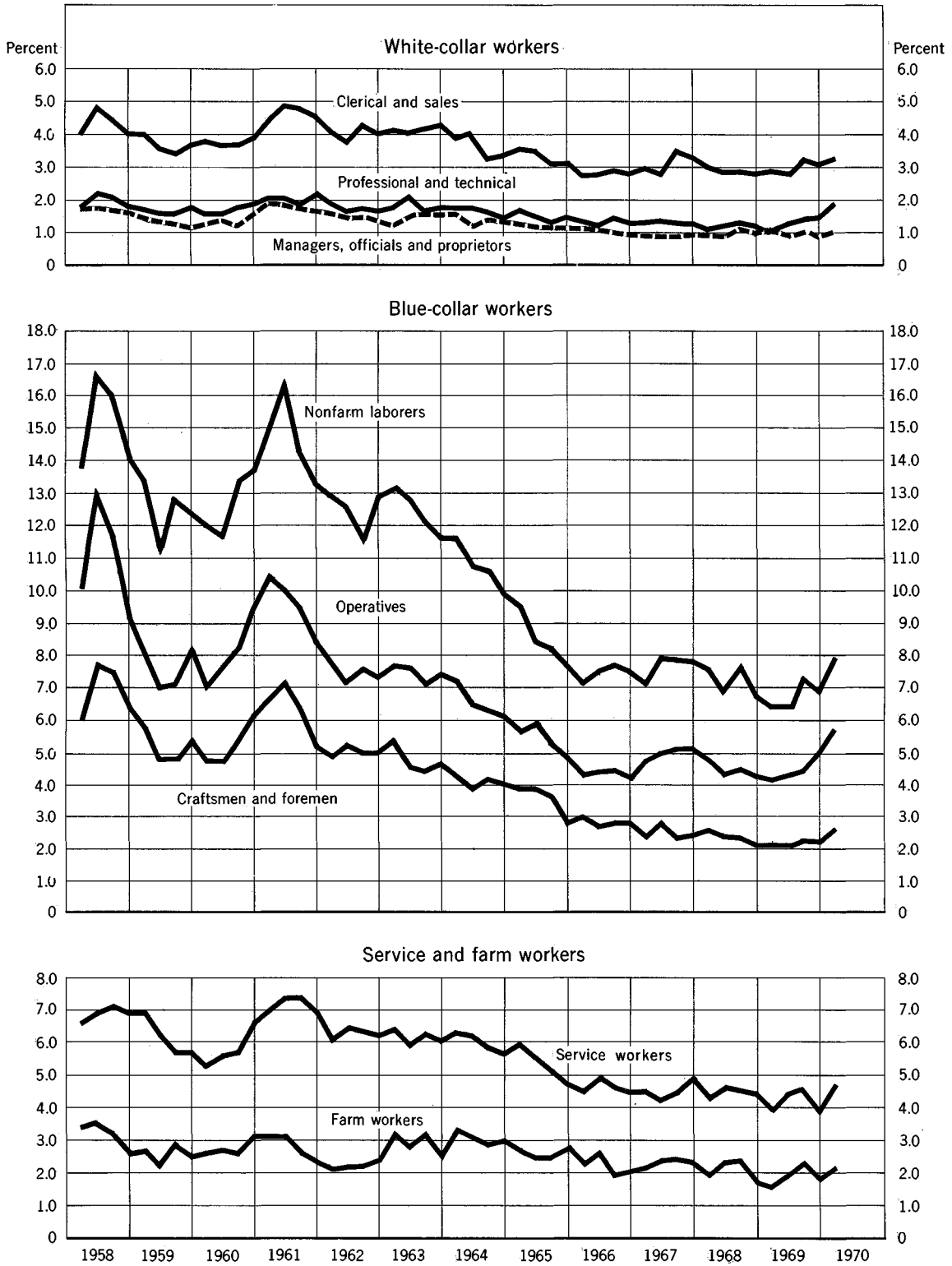


Chart 12.

UNEMPLOYMENT RATES BY COLOR

1957 to date

(Seasonally adjusted quarterly averages)

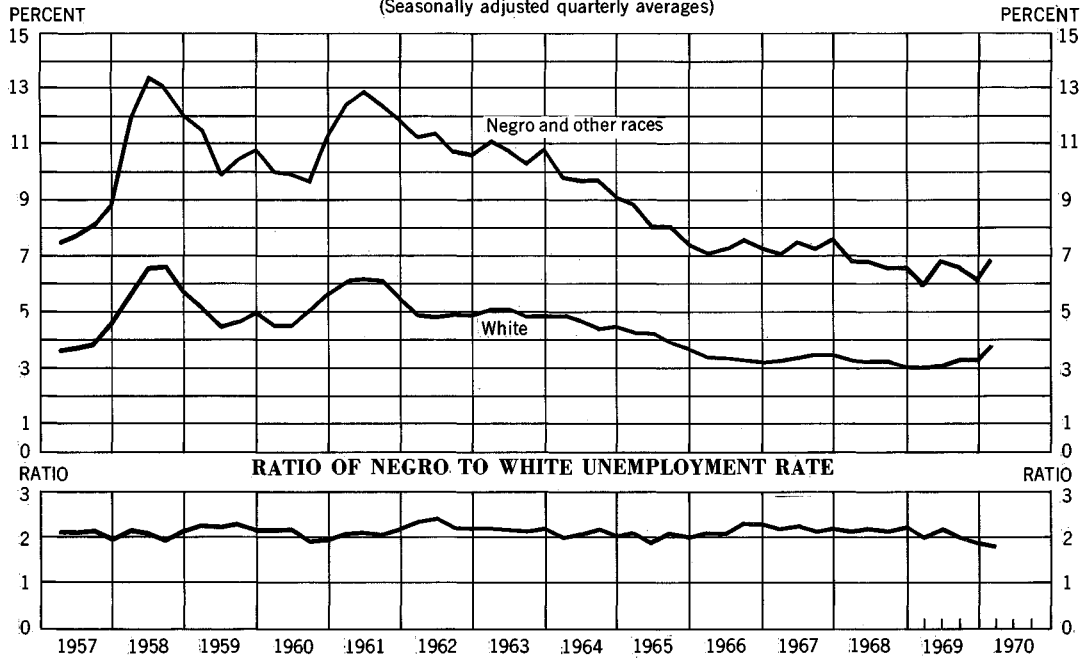
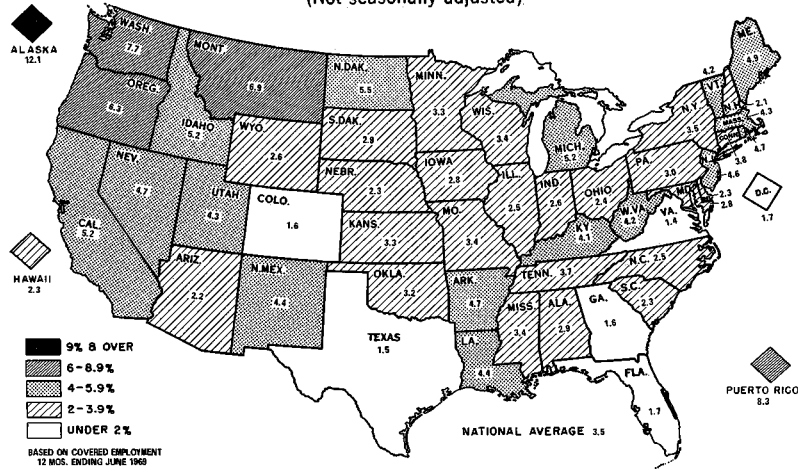


Chart 13.

STATE INSURED UNEMPLOYMENT RATES

Week ending March 14, 1970

(Not seasonally adjusted)



Insured jobless under State unemployment insurance programs excludes workers who have exhausted their benefit rights, new workers, and persons from jobs not covered by State unemployment insurance programs.

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	-	44,061
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	54,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,239	61.1	80,733	77,902	3,606	74,296	2,831	3.5	-	53,602
1969: March.....	137,143	82,770	60.4	79,266	76,520	3,327	73,193	2,746	3.5	3.4	54,373
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	3.5	51,617
August.....	138,127	86,046	62.3	82,516	79,646	3,977	75,669	2,869	3.5	3.5	52,081
September.....	138,317	84,527	61.1	80,984	78,026	3,629	74,397	2,958	3.7	3.8	53,790
October.....	138,539	85,038	61.4	81,510	78,671	3,561	75,110	2,839	3.5	3.8	53,501
November.....	138,732	84,920	61.2	81,427	78,716	3,322	75,395	2,710	3.3	3.5	53,812
December.....	138,928	84,856	61.1	81,416	78,788	2,984	75,805	2,628	3.2	3.5	54,072
1970: January.....	139,099	84,105	60.5	80,719	77,313	2,915	74,398	3,406	4.2	3.9	54,993
February.....	139,298	84,625	60.8	81,283	77,489	2,994	74,495	3,794	4.7	4.2	54,673
March.....	139,497	85,008	60.9	81,690	77,957	3,171	74,786	3,733	4.6	4.4	54,489

¹Not available.

HOUSEHOLD DATA

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

March 1970
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
MALE											
16 years and over	53,737	80.1	50,460	48,378	2,082	4.1	13,361	237	4,506	1,550	7,069
16 to 21 years	6,778	61.7	5,392	4,741	651	12.1	4,207	13	3,886	31	277
16 to 19 years	4,021	53.8	3,604	3,128	475	13.2	3,447	12	3,227	22	186
16 and 17 years	1,605	41.7	1,571	1,318	253	16.1	2,240	8	2,127	9	96
18 and 19 years	2,416	66.7	2,033	1,810	223	11.0	1,207	4	1,100	13	90
20 to 64 years	47,525	92.2	44,665	43,141	1,524	3.4	4,044	76	1,277	933	1,756
20 to 24 years	7,106	84.5	5,367	4,970	397	7.4	1,305	9	1,064	24	209
25 to 54 years	33,274	96.2	32,157	31,255	902	2.8	1,321	39	211	455	617
25 to 29 years	6,469	96.1	6,051	5,829	222	3.7	261	2	141	29	89
30 to 34 years	5,429	97.4	5,160	5,019	141	2.7	144	4	38	31	71
35 to 39 years	5,293	97.9	5,043	4,903	139	2.8	115	5	10	37	64
40 to 44 years	5,581	96.5	5,475	5,340	135	2.5	203	11	11	84	96
45 to 49 years	5,580	95.5	5,529	5,408	121	2.2	261	8	7	125	121
50 to 54 years	4,922	93.6	4,900	4,757	143	2.9	337	9	4	149	175
55 to 64 years	7,146	83.4	7,142	6,917	225	3.2	1,417	29	2	455	931
55 to 59 years	4,211	89.5	4,208	4,064	144	3.4	493	11	--	219	262
60 to 64 years	2,935	76.0	2,934	2,853	82	2.8	925	18	2	236	669
65 years and over	2,191	27.2	2,191	2,109	82	3.7	5,870	149	1	595	5,126
65 to 69 years	1,326	43.3	1,326	1,271	56	4.2	1,734	31	1	170	1,532
70 years and over	864	17.3	864	838	26	3.0	4,136	118	--	425	3,593
White											
16 years and over	48,347	80.5	45,392	43,639	1,753	3.9	11,711	204	3,890	1,262	6,355
16 to 21 years	5,974	62.6	4,721	4,182	539	11.4	3,574	11	3,328	23	212
16 to 19 years	3,567	55.1	3,189	2,791	398	12.5	2,910	9	2,747	14	140
16 and 17 years	1,462	43.9	1,431	1,207	224	15.7	1,869	6	1,795	4	64
18 and 19 years	2,105	66.9	1,758	1,585	174	9.9	1,041	3	951	9	77
20 to 64 years	42,766	92.6	40,188	38,910	1,277	3.2	3,436	60	1,142	750	1,485
20 to 24 years	6,249	84.4	4,666	4,335	331	7.1	1,154	9	961	20	164
25 to 54 years	29,968	96.7	28,976	28,235	742	2.6	1,033	26	179	346	483
25 to 34 years	10,618	97.1	10,010	9,712	298	3.0	317	3	150	47	118
35 to 44 years	9,771	97.5	9,457	9,231	225	2.4	249	10	21	96	122
45 to 54 years	9,579	95.4	9,510	9,292	218	2.3	467	13	8	203	243
55 to 64 years	6,549	84.0	6,545	6,340	205	3.1	1,248	25	2	383	838
55 to 59 years	3,854	90.2	3,851	3,718	132	3.4	420	8	--	183	229
60 to 64 years	2,695	76.5	2,695	2,622	73	2.7	828	17	2	201	609
65 years and over	2,014	27.3	2,014	1,937	78	3.9	5,365	135	1	499	4,730
Negro and other races											
16 years and over	5,390	76.6	5,068	4,739	329	6.5	1,650	33	616	287	714
16 to 21 years	804	55.9	671	559	112	16.8	634	2	558	8	65
16 to 19 years	454	45.8	414	337	78	18.7	537	3	481	8	46
16 and 17 years	143	27.8	139	111	29	20.4	371	2	332	4	33
18 and 19 years	311	65.2	275	226	49	17.8	166	1	149	4	13
20 to 64 years	4,760	88.7	4,478	4,231	247	5.5	608	16	135	183	272
20 to 24 years	857	85.0	701	634	67	9.5	151	--	104	3	45
25 to 54 years	3,306	92.0	3,180	3,020	160	5.0	287	13	32	108	135
25 to 34 years	1,280	93.6	1,201	1,136	65	5.5	88	3	29	13	43
35 to 44 years	1,103	94.2	1,061	1,012	49	4.6	68	6	--	25	38
45 to 54 years	923	87.6	918	873	46	5.0	131	4	3	71	54
55 to 64 years	597	77.9	597	576	20	3.4	170	4	--	72	93
55 to 59 years	357	83.0	357	346	12	3.3	73	3	--	37	33
60 to 64 years	240	71.3	240	231	9	3.6	96	1	--	36	60
65 years and over	176	25.9	176	172	4	2.3	505	14	--	96	396

HOUSEHOLD DATA

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued
 March 1970
 (In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALE											
16 years and over	31,270	43.2	31,230	29,579	1,651	5.3	41,128	34,159	4,396	981	1,592
16 to 21 years	4,873	45.2	4,852	4,316	536	11.1	5,919	1,705	4,015	22	177
16 to 19 years	2,892	39.5	2,882	2,495	387	13.4	4,424	792	3,492	14	126
16 and 17 years	1,167	31.0	1,167	988	178	15.3	2,595	198	2,346	4	48
18 and 19 years	1,725	48.5	1,716	1,507	209	12.2	1,829	595	1,146	10	78
20 to 64 years	27,264	50.3	27,234	25,999	1,235	4.5	26,983	25,047	901	316	718
20 to 24 years	4,790	57.2	4,771	4,441	330	6.9	3,581	2,755	706	21	99
25 to 54 years	18,276	50.4	18,264	17,472	792	4.3	18,001	17,245	191	177	389
25 to 29 years	3,141	46.0	3,137	2,975	162	5.2	3,690	3,543	66	23	57
30 to 34 years	2,600	45.2	2,598	2,480	119	4.6	3,150	3,026	47	19	58
35 to 39 years	2,778	49.4	2,776	2,654	123	4.4	2,841	2,746	22	24	49
40 to 44 years	3,239	53.1	3,238	3,094	144	4.5	2,863	2,753	25	25	59
45 to 49 years	3,457	55.1	3,456	3,296	160	4.6	2,817	2,680	23	33	82
50 to 54 years	3,060	53.7	3,060	2,975	85	2.8	2,640	2,497	8	52	83
55 to 64 years	4,198	43.7	4,198	4,086	112	2.7	5,401	5,047	4	118	231
55 to 59 years	2,568	49.6	2,568	2,492	76	3.0	2,609	2,459	3	49	97
60 to 64 years	1,630	36.9	1,630	1,594	36	2.2	2,792	2,587	1	69	134
65 years and over	1,114	10.3	1,114	1,085	29	2.6	9,721	8,320	3	651	748
65 to 69 years	676	18.3	676	654	22	3.2	3,019	2,763	2	78	175
70 years and over	438	6.1	438	431	7	1.6	6,701	5,557	--	572	572
White											
16 years and over	27,332	42.5	27,296	25,967	1,329	4.9	37,029	31,126	3,732	769	1,402
16 to 21 years	4,333	46.6	4,315	3,906	409	9.5	4,972	1,424	3,400	18	131
16 to 19 years	2,613	41.5	2,605	2,297	308	11.8	3,683	643	2,941	10	90
16 and 17 years	1,073	33.1	1,073	928	144	13.4	2,163	166	1,963	3	31
18 and 19 years	1,541	50.3	1,532	1,368	164	10.7	1,520	476	977	7	59
20 to 64 years	23,713	49.3	23,685	22,690	995	4.2	24,365	22,726	788	239	610
20 to 24 years	4,184	57.3	4,167	3,938	230	5.5	3,117	2,400	621	16	80
25 to 54 years	15,757	49.2	15,746	15,079	667	4.2	16,302	15,693	164	128	317
25 to 29 years	4,811	43.6	4,805	4,580	225	4.7	6,215	6,003	90	34	88
30 to 34 years	5,157	50.1	5,154	4,930	224	4.3	5,139	4,972	43	36	89
35 to 44 years	5,788	53.9	5,787	5,569	218	3.8	4,948	4,718	31	59	140
55 to 64 years	3,772	43.3	3,772	3,674	98	2.6	4,946	4,634	3	95	214
55 to 59 years	2,285	48.8	2,285	2,221	64	2.8	2,394	2,258	2	41	93
60 to 64 years	1,486	36.8	1,486	1,453	34	2.3	2,551	2,376	2	54	121
65 years and over	1,006	10.1	1,006	980	26	2.6	8,981	7,757	3	520	702
Negro and other races											
16 years and over	3,938	49.0	3,935	3,612	322	8.2	4,099	3,033	664	211	190
16 to 21 years	540	36.3	537	410	128	23.7	947	282	615	4	46
16 to 19 years	279	27.4	278	199	79	28.5	740	150	551	4	36
16 and 17 years	94	17.9	94	60	34	36.3	432	31	382	1	17
18 and 19 years	185	37.4	183	138	45	24.5	309	119	169	3	19
20 to 64 years	3,552	57.6	3,549	3,309	240	6.8	2,618	2,320	113	78	108
20 to 24 years	606	56.6	604	503	101	16.7	464	355	85	5	19
25 to 54 years	2,519	59.7	2,519	2,393	126	5.0	1,699	1,552	28	49	72
25 to 29 years	931	59.8	930	874	56	6.0	625	566	23	9	27
30 to 34 years	860	60.4	860	817	43	5.0	564	527	5	13	19
35 to 44 years	729	58.8	729	702	27	3.7	510	459	--	27	25
55 to 64 years	426	48.4	426	413	14	3.2	455	413	1	24	17
55 to 59 years	283	56.9	283	271	12	4.2	215	201	1	8	4
60 to 64 years	144	37.4	144	142	2	1.4	241	212	--	16	13
65 years and over	108	12.7	108	105	3	2.4	740	564	--	130	46

HOUSEHOLD DATA

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
MALE								
16 years and over	53,737	52,832	80.1	80.0	50,460	49,368	79.1	78.9
16 to 19 years	4,021	3,792	53.8	51.9	3,604	3,408	51.1	49.3
16 and 17 years	1,605	1,532	41.7	40.9	1,571	1,507	41.2	40.5
18 and 19 years	2,416	2,260	66.7	63.5	2,033	1,901	62.8	59.4
20 to 24 years	7,106	6,843	84.5	84.4	5,367	5,021	80.4	79.9
25 to 54 years	33,274	33,024	96.2	96.3	32,157	31,770	96.1	96.2
25 to 34 years	11,898	11,612	96.7	96.9	11,211	10,850	96.5	96.7
35 to 44 years	10,874	10,984	97.2	97.1	10,517	10,589	97.1	97.0
45 to 54 years	10,502	10,428	94.6	95.0	10,429	10,332	94.6	94.9
55 to 64 years	7,146	7,013	83.4	83.3	7,142	7,009	83.4	83.3
55 to 59 years	4,211	4,133	89.5	89.3	4,208	4,129	89.5	89.3
60 to 64 years	2,935	2,880	76.0	75.9	2,934	2,880	76.0	75.9
65 years and over	2,191	2,160	27.2	27.2	2,191	2,160	27.2	27.2
White								
16 years and over	48,347	47,590	80.5	80.4	45,392	44,487	79.5	79.3
16 to 19 years	3,567	3,381	55.1	53.3	3,189	3,038	52.3	50.6
16 and 17 years	1,462	1,401	43.9	43.1	1,431	1,379	43.4	42.7
18 and 19 years	2,105	1,980	66.9	64.0	1,758	1,658	62.8	59.8
20 to 24 years	6,249	6,043	84.4	84.4	4,666	4,394	80.2	79.8
25 to 54 years	29,968	29,750	96.7	96.8	28,976	28,643	96.6	96.7
25 to 34 years	10,618	10,371	97.1	97.2	10,010	9,706	96.9	97.0
35 to 44 years	9,771	9,883	97.5	97.5	9,457	9,530	97.4	97.4
45 to 54 years	9,579	9,495	95.4	95.5	9,510	9,408	95.3	95.5
55 to 64 years	6,549	6,440	84.0	84.0	6,545	6,435	84.0	84.0
55 to 59 years	3,854	3,780	90.2	89.9	3,851	3,776	90.2	89.9
60 to 64 years	2,695	2,660	76.5	76.9	2,659	2,659	76.5	76.9
65 years and over	2,014	1,977	27.3	27.1	2,014	1,977	27.3	27.1
Negro and other races								
16 years and over	5,390	5,242	76.6	76.4	5,068	4,880	75.4	75.1
16 to 19 years	454	411	45.8	42.8	414	371	43.5	40.3
16 and 17 years	143	131	27.8	26.5	139	128	27.3	26.1
18 and 19 years	311	280	65.2	60.1	275	242	62.3	56.6
20 to 24 years	857	800	85.0	84.2	701	627	82.3	80.7
25 to 54 years	3,306	3,275	92.0	92.7	3,180	3,127	91.7	92.4
25 to 34 years	1,280	1,241	93.6	94.3	1,201	1,144	93.2	93.8
35 to 44 years	1,103	1,101	94.2	93.8	1,061	1,059	93.9	93.5
45 to 54 years	923	932	87.6	89.4	918	924	87.5	89.3
55 to 64 years	597	574	77.9	75.9	597	573	77.9	75.9
55 to 59 years	357	353	83.0	83.3	357	353	83.0	83.3
60 to 64 years	240	220	71.3	66.4	240	220	71.3	66.4
65 years and over	176	183	25.9	27.5	176	183	25.9	27.5

HOUSEHOLD DATA

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
FEMALE								
16 years and over	31,270	29,938	43.2	42.1	31,230	29,898	43.2	42.1
16 to 19 years	2,892	2,676	39.5	37.5	2,882	2,666	39.5	37.5
16 and 17 years	1,167	1,012	31.0	27.7	1,167	1,012	31.0	27.7
18 and 19 years	1,725	1,664	48.5	47.8	1,716	1,654	48.4	47.7
20 to 24 years	4,790	4,572	57.2	57.0	4,771	4,554	57.1	56.9
25 to 54 years	18,276	17,526	50.4	48.8	18,264	17,514	50.4	48.8
25 to 34 years	5,742	5,340	45.6	43.6	5,735	5,334	45.6	43.6
35 to 44 years	6,017	5,888	51.3	49.6	6,014	5,884	51.3	49.6
45 to 54 years	6,517	6,299	54.4	53.3	6,515	6,297	54.4	53.3
55 to 64 years	4,198	4,059	43.7	43.1	4,198	4,058	43.7	43.1
55 to 59 years	2,568	2,511	49.6	49.4	2,568	2,511	49.6	49.4
60 to 64 years	1,630	1,548	36.9	35.8	1,630	1,548	36.9	35.8
65 years and over	1,114	1,106	10.3	10.4	1,114	1,106	10.3	10.4
White								
16 years and over	27,332	26,136	42.5	41.3	27,296	26,101	42.4	41.3
16 to 19 years	2,613	2,372	41.5	38.6	2,605	2,363	41.4	38.5
16 and 17 years	1,073	917	33.1	29.2	1,073	917	33.1	29.2
18 and 19 years	1,541	1,455	50.3	48.5	1,532	1,447	50.2	48.4
20 to 24 years	4,184	3,986	57.3	56.7	4,167	3,970	57.2	56.6
25 to 54 years	15,757	15,139	49.2	47.6	15,746	15,129	49.1	47.6
25 to 34 years	4,811	4,481	43.6	41.7	4,805	4,476	43.6	41.7
35 to 44 years	5,157	5,064	50.1	48.5	5,154	5,060	50.1	48.5
45 to 54 years	5,788	5,594	53.9	52.7	5,787	5,593	53.9	52.7
55 to 64 years	3,772	3,643	43.3	42.6	3,772	3,642	43.3	42.6
55 to 59 years	2,285	2,232	48.8	48.6	2,285	2,232	48.8	48.6
60 to 64 years	1,486	1,410	36.8	35.7	1,486	1,410	36.8	35.7
65 years and over	1,006	997	10.1	10.2	1,006	997	10.1	10.2
Negro and other races								
16 years and over	3,938	3,802	49.0	48.7	3,935	3,797	49.0	48.7
16 to 19 years	279	304	27.4	30.9	278	303	27.3	30.8
16 and 17 years	94	95	17.9	18.9	94	95	17.9	18.9
18 and 19 years	185	209	37.4	43.5	183	208	37.3	43.3
20 to 24 years	606	586	56.6	58.5	604	583	56.5	58.4
25 to 54 years	2,519	2,388	59.7	57.8	2,519	2,387	59.7	57.8
25 to 34 years	931	859	59.8	57.1	930	858	59.8	57.1
35 to 44 years	860	824	60.4	58.0	860	824	60.4	58.0
45 to 54 years	729	704	58.8	58.2	729	704	58.8	58.2
55 to 64 years	426	416	48.4	48.4	426	416	48.4	48.4
55 to 59 years	283	278	56.9	57.6	283	278	56.9	57.6
60 to 64 years	144	138	37.4	36.6	144	138	37.4	36.6
65 years and over	108	109	12.7	13.2	108	109	12.7	13.2

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

March 1970
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	21,778	10,986	10,792	18,853	9,548	9,306	2,924	1,438	1,487
Total labor force	11,651	6,778	4,873	10,307	5,974	4,333	1,344	804	540
Percent of population	53.5	61.7	45.2	54.7	62.6	46.6	46.0	55.9	36.3
Civilian labor force	10,245	5,392	4,852	9,036	4,721	4,315	1,209	671	537
Employed	9,057	4,741	4,316	8,088	4,182	3,906	969	559	410
Agriculture	392	354	38	350	315	34	42	38	4
Nonagricultural industries	8,666	4,388	4,278	7,739	3,867	3,872	927	521	406
Unemployed	1,187	651	536	947	539	409	240	112	128
Percent of labor force	11.6	12.1	11.1	10.5	11.4	9.5	19.9	16.8	23.7
Looking for full-time work	692	364	327	517	227	240	174	87	87
Looking for part-time work	496	287	209	430	261	169	66	25	40
Not in labor force	10,127	4,207	5,919	8,546	3,574	4,972	1,581	634	947
Major activity: going to school									
Civilian labor force	3,780	2,189	1,591	3,494	2,024	1,470	285	165	120
Employed	3,286	1,889	1,397	3,064	1,748	1,316	222	141	81
Agriculture	186	174	12	175	163	12	11	10	--
Nonagricultural industries	3,100	1,716	1,385	2,889	1,585	1,304	211	131	81
Unemployed	494	300	194	431	276	155	63	24	39
Percent of labor force	13.3	13.7	12.2	12.3	13.6	10.5	22.1	14.5	32.5
Looking for full-time work	53	26	26	44	23	21	9	3	6
Looking for part-time work	441	273	167	387	253	134	54	20	33
Not in labor force	7,901	3,886	4,015	6,728	3,328	3,400	1,173	558	615
Major activity: other									
Civilian labor force	6,465	3,203	3,262	5,541	2,697	2,845	924	506	417
Employed	5,771	2,852	2,919	5,025	2,434	2,591	747	418	329
Agriculture	206	180	26	175	152	23	31	28	3
Nonagricultural industries	5,566	2,672	2,893	4,850	2,282	2,568	715	390	326
Unemployed	694	351	342	517	263	254	177	89	89
Percent of labor force	10.7	11.0	10.5	9.3	9.7	8.9	19.2	17.5	21.2
Looking for full-time work	639	338	301	474	254	219	165	84	82
Looking for part-time work	55	13	42	43	8	35	12	5	7
Not in labor force	2,225	321	1,904	1,818	246	1,572	407	75	332

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

(In thousands)

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total								
Total noninstitutional population	139,497	137,143	59,631	58,760	65,082	63,952	14,784	14,431
Total labor force	85,008	82,770	49,716	49,040	28,378	27,262	6,913	6,468
Percent of population	60.9	60.4	83.4	83.5	43.6	42.6	46.8	44.8
Civilian labor force	81,690	79,266	46,856	45,959	28,348	27,232	6,486	6,075
Employed	77,957	76,520	45,250	44,911	27,084	26,268	5,623	5,340
Agriculture	3,171	3,327	2,423	2,579	440	473	308	275
Nonagricultural industries	74,786	73,193	42,827	42,332	26,644	25,795	5,316	5,066
Unemployed	3,733	2,746	1,606	1,048	1,264	964	863	734
Percent of labor force	4.6	3.5	3.4	2.3	4.5	3.5	13.3	12.1
Not in labor force	54,489	54,373	9,914	9,720	36,704	36,690	7,871	7,963
White								
Total noninstitutional population	124,419	122,474	53,581	52,857	58,064	57,132	12,774	12,486
Total labor force	75,679	73,727	44,780	44,209	24,719	23,765	6,181	5,753
Percent of population	60.8	60.2	83.6	83.6	42.6	41.6	48.4	46.1
Civilian labor force	72,687	70,588	42,202	41,450	24,691	23,738	5,794	5,401
Employed	69,606	68,374	40,847	40,578	23,670	22,982	5,088	4,814
Agriculture	2,896	3,014	2,202	2,325	419	443	275	246
Nonagricultural industries	66,710	65,361	38,646	38,253	23,251	22,540	4,813	4,568
Unemployed	3,082	2,214	1,355	872	1,021	756	706	587
Percent of labor force	4.2	3.1	3.2	2.1	4.1	3.2	12.2	10.9
Not in labor force	48,740	48,748	8,801	8,647	33,346	33,367	6,593	6,733
Negro and other races								
Total noninstitutional population	15,077	14,669	6,049	5,904	7,018	6,820	2,010	1,945
Total labor force	9,328	9,043	4,936	4,831	3,660	3,497	733	715
Percent of population	61.9	61.7	81.6	81.8	52.1	51.3	36.4	36.8
Civilian labor force	9,003	8,678	4,654	4,510	3,657	3,494	692	674
Employed	8,352	8,146	4,403	4,334	3,414	3,286	535	526
Agriculture	275	313	221	254	22	31	33	29
Nonagricultural industries	8,076	7,832	4,182	4,080	3,392	3,255	502	497
Unemployed	651	532	251	176	243	208	157	148
Percent of labor force	7.2	6.1	5.4	3.9	6.6	6.0	22.7	21.9
Not in labor force	5,749	5,625	1,113	1,073	3,358	3,323	1,278	1,229

HOUSEHOLD DATA

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

March 1970

(In thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full- time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
16 years and over	69,116	64,108	2,139	2,869	4.2	12,574	11,711	863	6.9
16 to 21 years	5,638	4,618	329	692	12.3	4,606	4,111	496	10.8
16 to 19 years	2,752	2,124	201	427	15.5	3,734	3,298	435	11.7
16 and 17 years	488	301	56	131	26.8	2,250	1,949	301	13.4
18 and 19 years	2,265	1,823	145	297	13.1	1,484	1,349	135	9.1
20 years and over	66,363	61,983	1,938	2,442	3.7	8,841	8,413	428	4.8
20 to 24 years	8,561	7,661	295	606	7.1	1,576	1,454	122	7.7
25 years and over	57,802	54,323	1,643	1,837	3.2	7,265	6,958	306	4.2
25 to 54 years	45,757	43,066	1,204	1,486	3.2	4,663	4,456	208	4.5
55 years and over	12,044	11,256	438	350	2.9	2,601	2,501	98	3.8
MALE									
16 years and over	45,945	43,128	1,132	1,685	3.7	4,515	4,118	396	8.8
16 to 21 years	2,855	2,314	177	364	12.8	2,537	2,250	287	11.3
16 to 19 years	1,496	1,164	115	217	14.5	2,108	1,850	258	12.2
16 and 17 years	44,449	41,964	1,018	1,468	3.3	2,407	2,269	138	5.7
20 years and over	4,626	4,134	150	341	7.4	741	685	56	7.5
20 to 24 years	39,823	37,830	868	1,126	2.8	1,666	1,583	82	4.9
25 years and over	31,625	30,141	610	875	2.8	531	505	26	4.9
25 to 54 years	8,198	7,689	257	251	3.1	1,135	1,079	56	4.9
55 years and over									
FEMALE									
16 years and over	23,170	20,980	1,007	1,184	5.1	8,060	7,593	467	5.8
16 to 21 years	2,783	2,304	152	327	11.8	2,069	1,860	209	10.1
16 to 19 years	1,256	960	86	210	16.7	1,626	1,449	177	10.9
16 and 17 years	21,914	20,020	920	974	4.4	6,434	6,144	289	4.5
20 years and over	3,935	3,527	144	264	6.7	836	769	66	7.9
20 to 24 years	17,978	16,492	776	710	3.9	5,599	5,375	223	4.0
25 years and over	14,132	12,926	595	611	4.3	4,133	3,951	181	4.4
25 to 54 years	3,847	3,567	181	99	2.6	1,466	1,423	42	2.9
55 years and over									

¹ Employed 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 sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total, 16 years and over	2,082	1,461	4.1	3.0	1,651	1,285	5.3	4.3
16 to 19 years	475	413	13.2	12.1	387	322	13.4	12.1
16 and 17 years	253	219	16.1	14.6	178	135	15.3	13.3
18 and 19 years	223	193	11.0	10.2	209	187	12.2	11.3
20 years and over	1,606	1,048	3.4	2.3	1,264	964	4.5	3.5
20 to 24 years	397	266	7.4	5.3	330	277	6.9	6.1
25 years and over	1,209	782	2.9	1.9	933	687	4.0	3.0
25 to 34 years	363	225	3.2	2.1	281	230	4.9	4.3
35 to 44 years	274	169	2.6	1.6	267	200	4.4	3.4
45 to 54 years	264	193	2.5	1.9	245	147	3.8	2.3
55 to 64 years	225	140	3.2	2.0	112	80	2.7	2.0
55 to 59 years	144	90	3.4	2.2	76	59	3.0	2.4
60 to 64 years	82	50	2.8	1.8	36	21	2.2	1.4
65 years and over	82	55	3.7	2.6	29	30	2.6	2.7
Household head, 16 years and over	1,167	766	2.8	1.8	263	196	4.0	3.1
16 to 24 years	145	100	4.6	3.3	41	18	6.2	3.3
25 to 54 years	734	483	2.5	1.6	161	129	4.6	3.7
55 years and over	288	184	3.2	2.1	61	49	2.6	2.2

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total, 16 years and over	2,082	1,461	4.1	3.0	1,651	1,285	5.3	4.3
Married, spouse present	1,064	662	2.7	1.7	879	621	4.8	3.5
Widowed, divorced, or separated	162	115	6.2	4.2	276	232	4.7	4.0
Single (never married)	855	683	9.7	8.3	497	432	7.1	6.6
Total, 20 to 64 years of age	1,525	993	3.4	2.3	1,235	934	4.5	3.6
Married, spouse present	990	611	2.7	1.7	808	576	4.5	3.4
Widowed, divorced, or separated	146	99	6.3	4.1	242	201	4.7	4.0
Single (never married)	389	283	7.2	5.7	185	157	4.3	3.8
White, 16 years and over	1,753	1,212	3.9	2.7	1,329	1,002	4.9	3.8
Married, spouse present	920	562	2.6	1.6	742	518	4.5	3.3
Widowed, divorced, or separated	133	89	6.4	4.2	202	171	4.3	3.7
Single (never married)	700	561	9.1	7.7	385	313	6.2	5.5
White, 20 to 64 years of age	1,277	827	3.2	2.1	995	727	4.2	3.2
Married, spouse present	848	512	2.5	1.5	684	480	4.3	3.2
Widowed, divorced, or separated	118	80	6.5	4.3	175	143	4.3	3.6
Single (never married)	311	234	6.7	5.4	134	104	3.6	2.9
Negro and other races, 16 years and over	329	249	6.5	5.1	322	283	8.2	7.4
Married, spouse present	144	101	4.2	3.1	137	103	6.9	5.6
Widowed, divorced, or separated	29	26	5.4	4.4	73	60	6.4	5.3
Single (never married)	155	122	13.8	12.1	112	119	13.7	14.5
Negro and other races, 20 to 64 years of age	247	166	5.5	3.8	240	208	6.8	6.1
Married, spouse present	141	99	4.3	3.2	124	97	6.5	5.4
Widowed, divorced, or separated	27	19	5.3	3.5	66	58	6.3	5.6
Single (never married)	78	49	10.7	7.6	50	53	8.7	9.5

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total.....	3,733	2,746	4.6	3.5	4.1	3.0	5.0	4.3
White-collar workers.....	998	721	2.6	1.9	1.8	1.1	3.4	2.9
Professional and technical.....	206	103	1.8	.9	1.8	.7	1.7	1.2
Managers, officials, and proprietors.....	101	71	1.2	.9	1.1	.8	1.9	1.4
Clerical workers.....	502	400	3.5	3.0	2.8	1.8	3.8	3.3
Sales workers.....	188	148	3.9	3.1	2.1	1.7	6.1	5.1
Blue-collar workers.....	1,798	1,250	6.2	4.4	5.6	3.9	8.9	6.4
Craftsmen and foremen.....	420	288	4.0	2.8	4.0	2.8	3.6	4.5
Carpenters and other construction craftsmen.....	260	170	8.9	5.9	9.0	5.9	(1)	(1)
All other.....	160	118	2.1	1.6	2.0	1.5	3.8	3.8
Operatives.....	1,019	640	6.8	4.3	5.7	3.4	9.2	6.3
Drivers and deliverymen.....	133	72	5.1	2.7	5.3	2.9	2.5	(1)
All other.....	886	568	7.2	4.7	5.9	3.6	9.4	6.4
Nonfarm laborers.....	359	322	9.5	8.9	9.5	8.7	10.2	12.9
Construction laborers.....	122	124	14.6	16.4	14.5	16.4	(1)	--
All other.....	237	198	8.0	6.9	8.0	6.6	9.3	12.9
Service workers.....	500	392	4.9	3.9	4.5	3.6	5.1	4.1
Private household.....	62	58	3.6	3.3	(1)	(1)	3.7	3.3
All other.....	439	335	5.2	4.0	4.6	3.6	5.5	4.3
Farmers and farm laborers.....	83	81	2.8	2.6	2.4	2.0	5.1	5.7
No previous work experience.....	354	301	--	--	--	--	--	--
16 to 19 years.....	282	229	--	--	--	--	--	--
20 to 24 years.....	51	35	--	--	--	--	--	--
25 years and over.....	20	38	--	--	--	--	--	--

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

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

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total.....	100.0	100.0	4.6	3.5	4.1	3.0	5.3	4.3
Private wage and salary workers.....	79.8	77.0	5.0	3.7	4.6	3.2	5.7	4.4
Mining.....	.4	.5	3.1	2.5	3.0	2.7	(1)	(1)
Construction.....	11.7	11.3	11.7	8.9	12.0	9.2	7.3	4.3
Manufacturing.....	29.5	25.6	5.1	3.3	4.1	2.5	7.7	5.5
Durable goods.....	17.7	13.4	5.1	2.9	4.3	2.3	8.2	5.1
Primary metal industries.....	1.2	1.2	3.2	2.6	2.6	2.2	8.1	7.5
Fabricated metal products.....	2.3	2.1	5.1	3.5	3.4	2.8	11.8	6.6
Machinery.....	1.8	2.0	2.8	2.4	2.2	2.2	5.7	3.7
Electrical equipment.....	3.2	1.6	5.4	2.1	3.7	1.2	7.9	3.5
Motor vehicles and equipment.....	1.9	.8	6.3	1.9	6.0	1.4	8.3	5.7
All other transportation equipment.....	2.5	1.5	7.6	3.3	7.2	2.7	10.1	6.4
Other durable goods industries.....	4.7	4.1	6.4	4.1	5.9	3.3	7.9	6.2
Nondurable goods.....	11.8	12.2	5.1	3.9	3.7	2.7	7.2	5.8
Food and kindred products.....	2.8	3.4	5.9	5.1	4.9	3.7	8.8	9.0
Textile mill products.....	1.3	1.6	4.8	4.0	4.8	2.9	4.8	5.3
Apparel and other finished textile products.....	3.1	2.6	8.3	5.0	6.3	3.2	8.8	5.6
Other nondurable goods industries.....	4.5	4.6	3.8	3.0	2.7	2.2	6.3	4.8
Transportation and public utilities.....	4.1	4.0	3.4	2.5	3.6	2.3	2.6	2.9
Railroads and railway express.....	.5	.4	2.5	1.7	2.7	1.4	(1)	(1)
Other transportation.....	2.6	2.6	4.9	3.6	5.7	3.3	1.0	5.8
Communication and other public utilities.....	1.1	1.0	2.1	1.5	1.3	1.6	3.5	1.4
Wholesale and retail trade.....	18.1	19.7	5.1	4.2	3.7	3.1	6.9	5.8
Finance, insurance, and real estate.....	2.6	2.4	2.6	2.0	2.0	1.4	3.2	2.5
Service industries.....	13.3	13.6	4.1	3.2	3.9	3.0	4.2	3.3
Professional services.....	4.8	3.9	2.9	1.9	2.8	1.5	3.0	2.1
All other service industries.....	8.5	9.7	5.2	4.3	4.7	4.1	5.5	4.5
Agricultural wage and salary workers.....	2.5	3.3	8.8	8.1	7.7	6.2	15.0	20.2
All other classes of workers.....	8.2	8.7	1.5	1.2	1.3	.8	1.8	1.7
No previous work experience.....	9.5	11.0	--	--	--	--	--	--

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

HOUSEHOLD DATA

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

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
	Unemployment level											
Total unemployed, in thousands	3,733	2,746	1,606	1,048	1,264	964	863	734	3,082	2,214	651	532
Lost last job	1,797	1,186	1,059	686	542	353	196	147	1,512	965	285	221
Left last job	441	391	200	139	156	144	85	107	360	309	81	82
Reentered labor force	1,143	869	312	203	530	414	302	252	920	693	223	176
Never worked before	351	301	35	19	36	52	280	229	290	247	61	54
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	48.1	43.2	65.9	65.4	42.8	36.7	22.7	19.9	49.1	43.6	43.8	41.6
Left last job	11.8	14.2	12.5	13.3	12.4	15.4	9.8	14.6	11.7	14.0	12.5	15.3
Reentered labor force	30.6	31.6	19.4	19.4	41.9	42.9	35.0	34.3	29.9	31.3	34.3	33.0
Never worked before	9.4	11.0	2.2	1.9	2.9	5.4	32.4	31.2	9.4	11.2	9.4	10.1
Unemployment rate												
Total unemployment rate	4.6	3.5	3.4	2.3	4.5	3.5	13.3	12.1	4.2	3.1	7.2	6.1
Job-loser rate ¹	2.2	1.5	2.3	1.5	1.9	1.3	3.1	2.4	2.1	1.4	3.2	2.6
Job-leaver rate ¹ . . . . .	.5	.5	.4	.3	.6	.5	1.3	1.8	.5	.4	.9	.9
Reentrant rate ¹	1.4	1.1	.7	.4	1.9	1.5	4.7	4.1	1.3	1.0	2.5	2.0
New entrant rate ¹ . . . . .	.4	.4	.1	--	.1	.2	4.3	3.8	.4	.4	.7	.6

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

A-13: Unemployed persons by reason for unemployment, duration, sex, and age
March 1970

(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	3,733	100.0	46.5	35.0	18.5	12.9	5.6
Lost last job	1,797	100.0	38.6	38.5	22.8	17.0	5.8
Left last job	441	100.0	48.0	37.1	14.9	9.0	5.9
Reentered labor force	1,143	100.0	53.8	32.5	13.6	8.0	5.6
Never worked before	351	100.0	61.0	22.2	16.8	12.8	4.0
Male, 20 years and over	1,606	100.0	36.3	41.8	21.9	15.1	6.8
Lost last job	1,059	100.0	33.0	42.9	24.2	17.7	6.5
Left last job	200	100.0	39.2	41.2	19.6	9.5	10.1
Reentered labor force	312	100.0	46.2	38.1	15.7	9.0	6.7
Never worked before	35	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,264	100.0	52.5	30.5	17.0	11.5	5.5
Lost last job	542	100.0	43.4	33.2	23.4	17.7	5.7
Left last job	156	100.0	52.9	35.5	11.6	7.7	3.9
Reentered labor force	530	100.0	60.6	26.8	12.6	6.2	6.4
Never worked before	36	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	863	100.0	56.5	28.8	14.7	11.2	3.5
Lost last job	196	100.0	55.1	30.6	14.3	11.7	2.6
Left last job	85	100.0	(1)	(1)	(1)	(1)	(1)
Reentered labor force	302	100.0	49.8	36.6	13.5	10.2	3.3
Never worked before	280	100.0	63.6	18.9	17.5	12.1	5.4

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	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total.....	3,733	2,746	100.0	100.0	1,430	961	100.0	100.0
Less than 5 weeks.....	1,734	1,412	46.5	51.4	556	402	38.9	41.8
5 to 14 weeks.....	1,306	880	35.0	32.0	562	329	39.3	34.2
5 to 10 weeks.....	857	568	23.0	20.7	312	201	21.8	20.9
11 to 14 weeks.....	449	312	12.0	11.4	250	128	17.5	13.3
15 weeks and over.....	692	455	18.5	16.6	312	230	21.8	23.9
15 to 26 weeks.....	482	318	12.9	11.6	209	160	14.6	16.6
27 weeks and over.....	210	137	5.6	5.0	102	70	7.1	7.3
Average (mean) duration.....	9.5	9.0	--	--	11.3	11.5	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status March 1970

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	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total	3,733	1,734	1,306	482	210	46.5	51.4	18.6	16.6
16 to 21 years.....	1,187	657	356	125	49	55.4	60.3	14.7	9.9
16 to 19 years.....	863	488	249	96	30	56.5	60.9	14.6	8.8
20 to 24 years.....	728	353	253	93	29	48.6	59.2	16.7	11.6
25 to 44 years.....	1,185	529	457	135	64	44.6	47.6	16.8	17.6
45 years and over.....	957	364	348	159	87	38.0	38.8	25.7	28.1
Male	2,082	837	810	307	128	40.2	47.4	20.9	18.8
16 to 21 years.....	651	341	202	79	29	52.4	59.7	16.6	10.7
16 to 19 years.....	475	254	138	66	18	53.5	60.1	17.5	9.6
20 to 24 years.....	397	179	145	55	18	45.1	58.1	18.5	14.1
25 to 44 years.....	637	210	310	81	38	33.0	39.6	18.7	20.1
45 years and over.....	571	195	217	106	54	34.0	34.4	28.0	30.4
Female	1,651	897	496	175	83	54.3	56.0	15.6	14.0
16 to 21 years.....	536	316	154	46	20	58.9	61.0	12.3	9.0
16 to 19 years.....	387	233	111	31	12	60.2	61.9	11.1	7.6
20 to 24 years.....	330	174	108	38	11	52.8	60.2	14.7	9.2
25 to 44 years.....	548	320	147	54	26	58.4	55.1	14.6	15.3
45 years and over.....	386	169	131	53	33	43.8	45.5	22.4	24.7
White: Total	3,082	1,460	1,073	388	161	47.4	52.1	17.8	17.2
Male.....	1,753	723	668	255	106	41.3	47.4	20.6	20.3
Female.....	1,329	737	405	133	55	55.4	57.9	14.1	13.4
Negro and other races: Total	651	274	233	94	50	42.1	48.4	22.1	14.0
Male.....	329	114	141	52	22	34.8	47.5	22.3	11.6
Female.....	322	160	92	42	28	49.7	49.2	21.8	16.2
Male: Married, wife present	1,064	396	446	153	69	37.2	38.8	20.9	26.0
Widowed, divorced, or separated.....	162	46	73	34	10	28.1	50.1	26.9	14.1
Single (never married).....	855	396	291	120	49	46.3	55.3	19.8	12.6
Female: Married, husband present	879	506	251	92	30	57.6	55.3	13.8	15.9
Widowed, divorced, or separated.....	276	132	85	33	26	48.0	55.4	21.2	12.6
Single (never married).....	497	258	161	51	27	51.9	57.2	15.7	12.0

HOUSEHOLD DATA

A-16: Unemployed persons by duration, occupation, and industry of last job
March 1970

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	Mar.	Mar.	Mar.	Mar.
						1970	1969	1970	1969
OCCUPATION									
White-collar workers.....	998	487	368	76	66	48.8	55.2	14.2	14.1
Professional and managerial.....	307	127	112	27	42	41.4	50.6	22.5	19.0
Clerical workers.....	502	261	182	41	18	52.0	58.4	11.7	13.4
Sales workers.....	188	99	74	9	7	52.6	52.0	8.0	10.5
Blue-collar workers.....	1,798	730	695	284	89	40.6	45.4	20.7	18.3
Craftsmen and foremen.....	420	147	172	81	20	35.1	41.5	24.1	24.2
Operatives.....	1,019	455	372	141	51	44.7	45.6	18.8	18.6
Nonfarm laborers.....	359	127	152	62	18	35.4	48.4	22.2	12.3
Service workers.....	500	255	148	58	39	51.0	53.6	19.4	16.8
INDUSTRY¹									
Agriculture.....	94	44	29	20	2	(2)	(2)	(2)	(2)
Construction.....	455	127	219	99	10	28.0	36.5	24.0	21.0
Manufacturing.....	1,100	493	390	139	78	44.8	49.4	19.7	17.7
Durable goods.....	662	275	260	88	39	41.5	49.2	19.2	16.7
Nondurable goods.....	439	219	130	51	39	49.9	49.6	20.5	18.8
Transportation and public utilities.....	168	82	52	20	13	49.0	56.2	19.8	12.0
Wholesale and retail trade.....	676	324	268	62	22	47.9	53.9	12.4	14.8
Finance and service industries.....	707	367	212	69	58	51.9	50.8	18.0	16.0
Public administration.....	87	33	32	18	5	(2)	(2)	(2)	(2)
No previous work experience.....	354	216	78	45	14	61.1	64.1	16.8	11.5

¹Includes wage and salary workers only.

²Percent not shown where base is less than 100,000.

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

Age and type of industry	Total		Male		Female	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
All industries.....	77,957	76,520	48,378	47,907	29,579	28,613
16 to 19 years.....	5,623	5,340	3,128	2,995	2,495	2,345
16 and 17 years.....	2,306	2,165	1,318	1,288	988	877
18 and 19 years.....	3,317	3,175	1,810	1,708	1,507	1,468
20 to 24 years.....	9,410	9,032	4,970	4,755	4,441	4,277
25 to 54 years.....	48,727	48,121	31,255	31,184	17,472	16,938
25 to 34 years.....	16,302	15,729	10,848	10,625	5,454	5,104
35 to 44 years.....	15,990	16,104	10,243	10,420	5,747	5,684
45 to 54 years.....	16,434	16,288	10,164	10,139	6,270	6,150
55 to 64 years.....	11,003	10,846	6,917	6,868	4,086	3,978
55 to 59 years.....	6,556	6,491	4,064	4,039	2,492	2,451
60 to 64 years.....	4,447	4,356	2,853	2,829	1,594	1,526
65 years and over.....	3,194	3,181	2,109	2,105	1,085	1,076
Nonagricultural industries.....	74,786	73,193	45,674	45,074	29,112	28,119
16 to 19 years.....	5,316	5,066	2,847	2,742	2,469	2,324
16 and 17 years.....	2,138	2,009	1,166	1,145	972	863
18 and 19 years.....	3,178	3,057	1,681	1,597	1,497	1,460
20 to 24 years.....	9,209	8,850	4,792	4,601	4,417	4,248
25 to 54 years.....	47,170	46,411	29,976	29,796	17,194	16,615
25 to 34 years.....	15,890	15,289	10,498	10,262	5,392	5,027
35 to 44 years.....	15,502	15,537	9,843	9,963	5,659	5,574
45 to 54 years.....	15,778	15,586	9,635	9,571	6,143	6,014
55 to 64 years.....	10,343	10,167	6,358	6,276	3,985	3,891
55 to 59 years.....	6,200	6,120	3,775	3,722	2,425	2,398
60 to 64 years.....	4,143	4,047	2,583	2,554	1,560	1,493
65 years and over.....	2,749	2,700	1,702	1,658	1,047	1,041
Agriculture.....	3,171	3,327	2,704	2,833	467	494
16 to 19 years.....	308	275	281	254	26	21
16 and 17 years.....	169	156	152	143	16	14
18 and 19 years.....	139	118	129	111	10	7
20 to 24 years.....	201	182	178	153	24	29
25 to 54 years.....	1,557	1,710	1,279	1,388	278	322
25 to 34 years.....	412	440	350	363	62	77
35 to 44 years.....	488	567	400	458	88	110
45 to 54 years.....	657	703	529	567	127	135
55 to 64 years.....	660	679	559	592	101	87
55 to 59 years.....	356	371	289	317	67	54
60 to 64 years.....	304	309	270	275	34	34
65 years and over.....	445	481	407	446	38	35

HOUSEHOLD DATA

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

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total	77,957	76,520	45,250	44,911	27,084	26,268	3,128	2,995	2,495	2,345
White-collar workers	38,032	36,458	19,423	18,774	16,536	15,766	688	638	1,385	1,280
Professional and technical	11,280	10,950	6,734	6,661	4,377	4,108	88	95	82	86
Medical and other health	1,719	1,678	616	635	1,076	1,015	7	4	21	24
Teachers, except college	2,689	2,497	827	753	1,853	1,738	4	1	5	5
Other professional and technical	6,872	6,775	5,291	5,273	1,448	1,353	77	90	56	58
Managers, officials, and proprietors	8,268	7,871	6,971	6,610	1,260	1,223	31	30	6	8
Salaried workers	6,015	5,601	5,102	4,736	881	832	28	26	4	7
Self-employed workers in retail trade	1,090	1,115	846	856	242	256	2	2	--	1
Self-employed workers, except retail trade	1,163	1,156	1,023	1,019	137	135	1	2	1	--
Clerical workers	13,787	13,086	3,248	3,076	9,207	8,784	308	282	1,024	944
Stenographers, typists, and secretaries	3,489	3,355	54	40	3,152	3,043	3	3	280	269
Other clerical workers	10,298	9,732	3,194	3,037	6,055	5,741	305	280	744	674
Sales workers	4,696	4,551	2,471	2,427	1,691	1,651	262	230	273	242
Retail trade	2,850	2,740	901	879	1,479	1,439	216	194	254	228
Other sales workers	1,847	1,811	1,569	1,548	212	212	46	36	19	14
Blue-collar workers	27,331	27,340	20,896	20,994	4,531	4,528	1,676	1,600	228	218
Craftsmen and foremen	10,012	9,833	9,492	9,361	308	286	201	181	10	5
Carpenters	800	859	778	836	5	3	14	19	2	--
Construction craftsmen, except carpenters	1,872	1,848	1,823	1,809	10	10	38	29	--	--
Mechanics and repairmen	2,795	2,672	2,693	2,568	15	16	86	87	1	--
Metal craftsmen, except mechanics	1,252	1,195	1,218	1,169	19	16	13	10	2	--
Other craftsmen and kindred workers	1,858	1,750	1,674	1,571	134	145	44	28	5	5
Foremen, not elsewhere classified	1,435	1,509	1,306	1,407	124	95	5	7	--	--
Operatives	13,892	14,202	8,798	9,042	4,119	4,123	780	840	195	197
Drivers and deliverymen	2,455	2,574	2,205	2,357	115	88	124	126	10	4
Other operatives	11,438	11,626	6,594	6,686	4,003	4,035	656	714	184	193
Durable goods manufacturing	4,815	4,907	3,221	3,317	1,340	1,321	182	203	71	68
Nondurable goods manufacturing	3,768	3,866	1,566	1,580	2,000	2,041	120	156	82	89
Other industries	2,855	2,853	1,807	1,789	663	673	354	355	31	36
Nonfarm laborers	3,427	3,305	2,606	2,591	104	119	695	580	23	16
Construction	712	632	619	564	--	--	93	68	--	--
Manufacturing	973	1,073	800	896	52	80	115	97	6	--
Other industries	1,742	1,601	1,187	1,131	52	38	487	414	17	17
Service workers	9,705	9,672	2,709	2,769	5,631	5,555	502	519	863	829
Private household workers	1,643	1,684	24	27	1,273	1,331	14	14	332	312
Service workers, except private household ..	8,063	7,988	2,685	2,742	4,357	4,224	488	505	531	517
Protective service workers	929	922	877	859	42	47	5	13	3	3
Waiters, cooks, and bartenders	2,199	2,030	390	384	1,408	1,286	134	127	268	233
Other service workers	4,935	5,036	1,418	1,499	2,907	2,891	350	365	260	281
Farm workers	2,888	3,050	2,222	2,374	386	419	261	239	19	18
Farmers and farm managers	1,733	1,790	1,634	1,705	83	77	16	7	--	--
Farm laborers and foremen	1,156	1,260	588	669	304	342	245	231	19	18
Paid workers	771	805	534	616	75	64	155	120	8	5
Unpaid family workers	384	456	54	53	229	278	90	112	12	13

HOUSEHOLD DATA

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1970
Total						
Total employed (thousands)	77,957	76,520	48,379	47,907	29,579	28,613
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	48.8	47.6	41.6	40.5	60.6	59.6
Professional and technical	14.5	14.3	14.1	14.1	15.1	14.7
Managers, officials, and proprietors	10.6	10.3	14.5	13.9	4.3	4.3
Clerical workers	17.7	17.1	7.4	7.0	34.6	34.0
Sales workers	6.0	5.9	5.6	5.5	6.6	6.6
Blue-collar workers	35.1	35.7	46.7	47.2	16.1	16.6
Craftsmen and foremen	12.8	12.9	20.0	19.9	1.1	1.0
Operatives	17.8	18.6	19.8	20.6	14.6	15.1
Nonfam laborers	4.4	4.3	6.8	6.6	.4	.5
Service workers	12.5	12.6	6.6	6.9	22.0	22.3
Private household workers	2.1	2.2	.1	.1	5.4	5.7
Other service workers	10.3	10.4	6.6	6.8	16.5	16.6
Farm workers	3.7	4.0	5.1	5.5	1.4	1.5
Farmers and farm managers	2.2	2.3	3.4	3.6	.3	.3
Farm laborers and foremen	1.5	1.6	1.7	1.9	1.1	1.3
White						
Total employed (thousands)	69,606	68,374	43,639	43,276	25,967	25,099
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	51.3	50.2	43.6	42.7	64.1	63.2
Professional and technical	15.1	15.0	14.8	14.9	15.6	15.3
Managers, officials, and proprietors	11.5	11.1	15.5	14.9	4.6	4.6
Clerical workers	18.2	17.6	7.2	7.0	36.6	36.0
Sales workers	6.5	6.4	6.1	6.0	7.2	7.3
Blue-collar workers	34.2	34.9	45.2	45.8	15.8	16.2
Craftsmen and foremen	13.4	13.4	20.7	20.6	1.1	1.1
Operatives	17.1	18.0	18.8	19.8	14.3	14.8
Nonfam laborers	3.7	3.6	5.7	5.4	.4	.4
Service workers	10.7	10.8	6.0	6.1	18.7	19.0
Private household workers	1.4	1.4	.1	.1	3.7	3.7
Other service workers	9.3	9.4	6.0	6.0	15.0	15.3
Farm workers	3.8	4.0	5.2	5.4	1.5	1.6
Farmers and farm managers	2.4	2.5	3.6	3.8	.3	.3
Farm laborers and foremen	1.4	1.5	1.5	1.6	1.2	1.4
Negro and other races						
Total employed (thousands)	8,352	8,146	4,739	4,631	3,612	3,515
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	28.1	26.2	22.5	20.5	35.5	33.8
Professional and technical	9.2	8.4	7.6	7.0	11.4	10.2
Managers, officials, and proprietors	3.5	3.3	5.0	4.4	1.7	1.8
Clerical workers	13.4	12.8	8.3	7.4	20.0	19.9
Sales workers	2.0	1.8	1.7	1.7	2.4	1.9
Blue-collar workers	42.2	42.3	60.3	59.9	18.4	19.2
Craftsmen and foremen	8.4	8.1	14.2	13.7	.8	.6
Operatives	23.7	23.7	28.9	28.5	16.7	17.3
Nonfam laborers	10.2	10.6	17.2	17.6	.9	1.2
Service workers	26.7	27.8	12.4	13.9	45.4	46.2
Private household workers	8.0	8.9	.3	.3	18.1	20.2
Other service workers	18.7	18.9	12.1	13.6	27.4	25.9
Farm workers	3.0	3.6	4.8	5.7	.6	.9
Farmers and farm managers .....	.8	1.0	1.4	1.6	.2	.3
Farm laborers and foremen	2.2	2.6	3.5	4.1	.5	.5

¹Less than 0.05.

HOUSEHOLD DATA

A-20: Employed persons by class of worker, sex, and age
 March 1970
 (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	69,085	1,780	12,539	54,766	5,198	503	981	1,798	392
16 to 19 years.....	5,195	368	441	4,386	75	45	188	18	101
16 and 17 years.....	2,073	308	143	1,622	42	23	101	7	61
18 and 19 years.....	3,123	61	298	2,764	33	22	87	11	41
20 to 24 years.....	9,010	109	1,461	7,440	181	18	130	36	35
25 to 34 years.....	15,015	165	2,739	12,111	812	63	171	207	34
35 to 44 years.....	14,269	209	2,739	11,321	1,131	102	144	285	59
45 to 54 years.....	14,268	323	2,877	11,068	1,341	169	146	426	85
55 to 64 years.....	9,180	364	1,941	6,876	1,090	73	135	465	60
55 to 59 years.....	5,527	204	1,141	4,181	630	43	80	240	36
60 to 64 years.....	3,654	159	799	2,695	460	29	55	225	24
65 years and over.....	2,147	243	340	1,564	568	33	68	360	17
Male	41,738	132	6,801	34,805	3,882	54	852	1,707	145
16 to 19 years.....	2,776	36	186	2,554	46	25	173	19	90
16 and 17 years.....	1,122	26	73	1,023	27	16	93	8	51
18 and 19 years.....	1,653	10	113	1,530	19	9	80	11	38
20 to 24 years.....	4,686	14	607	4,064	101	6	116	34	27
25 to 34 years.....	9,887	5	1,535	8,347	607	4	146	199	5
35 to 44 years.....	8,957	7	1,589	7,362	885	1	114	278	9
45 to 54 years.....	8,602	10	1,623	6,969	1,029	4	121	400	8
55 to 64 years.....	5,543	25	1,059	4,459	812	3	120	436	3
55 to 59 years.....	3,304	15	620	2,670	469	1	66	221	2
60 to 64 years.....	2,239	10	440	1,789	343	2	54	214	1
65 years and over.....	1,288	35	202	1,050	403	11	63	342	3
Female	27,347	1,648	5,737	19,961	1,316	449	129	90	248
16 to 19 years.....	2,420	332	256	1,832	29	20	15	-	12
16 and 17 years.....	950	281	70	598	15	6	7	-	9
18 and 19 years.....	1,470	50	185	1,234	14	13	8	-	2
20 to 24 years.....	4,324	95	853	3,376	80	12	14	2	8
25 to 34 years.....	5,128	160	1,204	3,764	205	59	25	8	29
35 to 44 years.....	5,312	203	1,151	3,959	246	101	30	8	50
45 to 54 years.....	5,666	313	1,254	4,098	312	165	25	26	77
55 to 64 years.....	3,637	339	881	2,417	278	70	15	29	57
55 to 59 years.....	2,222	190	522	1,511	160	42	14	19	34
60 to 64 years.....	1,415	149	360	907	118	28	1	10	23
65 years and over.....	859	207	138	514	166	22	5	18	15

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					
	Mar. 1970	Mar. 1969	Total		Wage and salary workers ¹			
			Mar. 1970	Mar. 1969	Paid absence ²		Unpaid absence ²	
					Mar. 1970	Mar. 1969	Mar. 1970	Mar. 1969
Total	2,964	2,720	2,802	2,592	1,019	897	1,396	1,328
Vacation	574	601	547	589	349	392	129	119
Illness	1,500	1,326	1,453	1,270	541	378	780	764
Bad weather	184	139	127	115	--	--	--	--
Industrial dispute	53	65	53	65	--	--	--	--
All other reasons	654	589	622	553	129	127	487	445
Male	1,736	1,692	1,585	1,577	647	621	689	739
Vacation	358	383	336	371	230	274	53	40
Illness	836	813	790	760	329	254	387	438
All other reasons	542	496	459	446	88	93	249	261
Female	1,229	1,028	1,217	1,015	372	276	707	588
Vacation	217	218	211	217	120	117	77	79
Illness	664	513	663	511	212	124	393	326
All other reasons	348	297	343	287	40	35	237	183

¹Excludes private household.

²Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

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

March 1970

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	74,993	71,984	3,009	100.0	100.0	100.0
1-34 hours	16,936	15,807	1,128	22.6	22.0	37.5
1-4 hours	808	754	54	1.1	1.0	1.8
5-14 hours	4,019	3,719	299	5.4	5.2	9.9
15-29 hours	8,088	7,486	602	10.8	10.4	20.0
30-34 hours	4,021	3,848	173	5.4	5.3	5.7
35 hours and over	58,059	56,178	1,881	77.4	78.0	62.5
35-39 hours	5,375	5,217	158	7.2	7.2	5.3
40 hours	30,981	30,640	341	41.3	42.6	11.3
41 hours and over	21,703	20,321	1,382	28.9	28.2	45.9
41 to 48 hours	9,243	8,972	271	12.3	12.5	9.0
49 to 59 hours	6,825	6,466	358	9.1	9.0	11.9
60 hours and over	5,635	4,883	753	7.5	6.8	25.0
Average hours, total at work	39.2	39.0	41.9	--	--	--
Average hours, workers on full-time schedules	43.6	43.3	52.1	--	--	--

HOUSEHOLD DATA

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

March 1970

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	16,936	5,021	11,913	15,807	4,619	11,188
Economic reasons	2,139	1,292	847	1,888	1,120	768
Slack work	1,304	1,018	286	1,086	852	234
Material shortages or repairs to plant and equipment	46	46	--	44	44	--
New job started during week	169	169	--	165	165	--
Job terminated during week	59	59	--	59	59	--
Could find only part-time work	561	--	561	533	--	533
Other reasons	14,798	3,732	11,066	13,919	3,499	10,420
Does not want, or unavailable for, full-time work	8,938	--	8,938	8,493	--	8,493
Vacation	248	248	--	247	247	--
Illness	1,887	1,628	259	1,787	1,598	189
Bad weather	614	614	--	436	436	--
Industrial dispute	48	48	--	48	48	--
Legal or religious holiday	68	68	--	68	68	--
Full time for this job	1,337	--	1,337	1,297	--	1,297
All other reasons	1,657	1,125	532	1,545	1,104	441
Average hours:						
Economic reasons	21.7	24.0	18.3	21.9	24.3	18.4
Other reasons	19.5	25.6	17.4	19.5	25.9	17.4
Worked 30 to 34 hours:						
Economic reasons	662	497	165	603	451	152
Other reasons	3,359	1,796	1,563	3,245	1,737	1,508

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

March 1970

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	2.6	14.5	83.0	24.6	42.6	15.8	39.0	43.3
Wage and salary workers ...	100.0	2.5	14.2	83.3	56.9	12.6	13.8	38.6	42.7
Construction ...	100.0	4.9	4.6	90.5	67.6	12.5	10.4	38.5	40.5
Manufacturing	100.0	2.7	3.2	94.1	66.2	15.0	12.9	41.0	42.2
Durable goods	100.0	1.9	2.2	95.9	67.9	15.2	12.8	41.4	42.2
Nondurable goods	100.0	4.0	4.7	91.3	63.6	14.7	13.0	40.5	42.3
Transportation and public utilities	100.0	2.1	6.5	91.4	62.1	12.9	16.4	41.3	43.4
Wholesale and retail trade	100.0	2.4	26.2	71.4	41.2	13.9	16.3	36.8	44.2
Finance, insurance, and real estate	100.0	1.2	9.8	89.0	64.0	10.6	14.4	39.6	42.0
Service industries	100.0	2.7	25.6	71.8	48.3	9.8	13.7	35.7	43.3
Private households	100.0	11.1	57.1	31.9	20.0	3.8	8.1	23.6	45.3
All other service	100.0	1.8	22.2	76.1	51.4	10.4	14.3	37.0	43.1
Public administration	100.0	.9	6.1	93.1	73.2	9.4	10.5	40.0	41.6
Self-employed workers	100.0	3.7	15.4	80.9	27.6	11.7	41.6	45.0	51.6
Unpaid family workers	100.0	2.0	42.3	55.7	24.7	5.6	25.4	37.6	50.4

^{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, sex, age, color, and marital status
March 1970

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
(In thousands)								
TOTAL								
Total, 16 years and over.....	71,984	1,888	10,420	59,676	39,355	20,321	39.0	43.3
16 to 21 years	8,431	308	3,790	4,333	3,425	908	28.2	40.5
16 to 19 years	5,199	188	3,032	1,979	1,582	397	24.4	40.3
16 and 17 years	2,091	49	1,783	259	213	46	16.6	39.3
18 and 19 years	3,108	139	1,249	1,720	1,368	352	29.7	40.5
20 years and over	66,786	1,700	7,389	57,697	37,773	19,924	40.1	43.4
20 to 24 years	8,927	276	1,350	7,301	5,355	1,946	37.3	41.6
25 years and over	57,859	1,423	6,038	50,398	32,420	17,978	40.6	43.7
25 to 44 years	30,340	717	2,790	26,833	16,954	9,879	41.0	43.8
45 to 64 years	24,927	630	2,203	22,094	14,516	7,578	40.9	43.5
65 years and over	2,591	76	1,046	1,469	948	521	32.4	44.2
Males, 16 years and over	44,089	930	3,437	39,722	23,322	16,400	42.0	44.7
16 to 21 years	4,266	161	2,008	2,097	1,526	571	28.5	41.3
16 to 19 years	2,782	107	1,634	1,041	765	276	25.2	40.9
16 and 17 years	1,141	37	943	161	128	33	18.3	39.6
18 and 19 years	1,641	70	691	880	637	243	30.0	41.1
20 years and over	41,307	823	1,802	38,682	22,560	16,122	43.2	44.8
20 to 24 years	4,665	133	643	3,889	2,558	1,331	38.7	42.9
25 years and over	36,641	690	1,160	34,791	19,999	14,792	43.8	45.0
25 to 44 years	19,776	359	304	19,113	10,656	8,457	44.5	45.2
45 to 64 years	15,277	290	277	14,710	8,752	5,958	43.8	44.7
65 years and over	1,588	41	578	969	593	376	34.0	44.6
Females, 16 years and over	27,895	958	6,984	19,953	16,031	3,922	34.2	40.6
16 to 21 years	4,165	147	1,782	2,236	1,900	336	27.9	39.8
16 to 19 years	2,417	81	1,397	939	818	121	23.6	39.6
16 and 17 years	950	14	839	97	84	13	14.5	38.6
18 and 19 years	1,467	67	558	842	734	108	29.5	39.8
20 years and over	25,479	877	5,586	19,016	15,215	3,801	35.2	40.7
20 to 24 years	4,262	142	708	3,412	2,797	615	35.8	40.2
25 years and over	21,216	733	4,879	15,604	12,417	3,187	35.1	40.8
25 to 44 years	10,564	358	2,484	7,722	6,302	1,420	34.6	40.2
45 to 64 years	9,649	340	1,926	7,383	5,762	1,621	36.3	41.3
65 years and over	1,002	35	468	499	353	146	29.8	43.5
COLOR								
White	64,314	1,461	9,393	53,460	34,497	18,963	39.2	43.6
Male	39,823	738	3,128	35,957	20,530	15,427	42.3	44.9
Female	24,491	724	6,265	17,502	13,965	3,537	34.2	40.7
Negro and other races	7,671	426	1,027	6,218	4,860	1,358	37.1	41.3
Male	4,266	192	309	3,765	2,792	973	39.4	42.1
Female	3,405	234	719	2,452	2,067	385	34.3	40.1
MARITAL STATUS								
Male:								
Married, wife present	34,785	601	1,035	33,149	18,838	14,311	43.9	45.0
Widowed, divorced, or separated	2,172	84	147	1,941	1,166	775	41.5	44.1
Single (never married)	7,132	245	2,254	4,633	3,319	1,314	33.2	42.4
Female:								
Married, husband present	16,374	562	4,157	11,655	9,524	2,131	34.3	40.4
Widowed, divorced, or separated	5,253	231	920	4,102	3,129	973	36.6	41.4
Single (never married)	6,268	165	1,907	4,196	3,378	818	32.0	40.7

HOUSEHOLD DATA

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

Age, sex, color and marital status	March 1970					
	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	2.6	14.5	82.9	54.7	28.2
16 to 21 years	100.0	3.7	45.0	51.4	40.6	10.8
16 to 19 years	100.0	3.6	58.3	38.0	30.4	7.6
16 and 17 years	100.0	2.3	85.3	12.4	10.2	2.2
18 and 19 years	100.0	4.5	40.2	55.3	44.0	11.3
20 years and over	100.0	2.5	11.1	86.4	56.6	29.8
20 to 24 years	100.0	3.1	15.1	81.8	60.0	21.8
25 years and over	100.0	2.5	10.4	87.1	56.0	31.1
25 to 44 years	100.0	2.4	9.2	88.5	55.9	32.6
45 to 64 years	100.0	2.5	8.8	88.6	58.2	30.4
65 years and over	100.0	2.9	40.4	56.7	36.6	20.1
Males, 16 years and over	100.0	2.1	7.8	90.1	52.9	37.2
16 to 21 years	100.0	3.8	47.1	49.2	35.8	13.4
16 and 19 years	100.0	3.8	58.7	37.4	27.5	9.9
16 and 17 years	100.0	3.2	82.6	14.1	11.2	2.9
18 and 19 years	100.0	4.3	42.1	53.6	38.8	14.8
20 years and over	100.0	2.0	4.4	93.6	54.6	39.0
20 to 24 years	100.0	2.9	13.8	83.3	54.8	28.5
25 years and over	100.0	1.9	3.2	95.0	54.6	40.4
25 to 44 years	100.0	1.8	1.5	96.7	53.9	42.8
45 to 64 years	100.0	1.9	1.8	96.3	57.3	39.0
65 years and over	100.0	2.6	36.4	61.0	37.3	23.7
Females, 16 years and over	100.0	3.4	25.0	71.6	57.5	14.1
16 to 21 years	100.0	3.5	42.8	53.7	45.6	8.1
16 to 19 years	100.0	3.4	57.8	38.8	33.8	5.0
16 and 17 years	100.0	1.5	88.3	10.2	8.8	1.4
18 and 19 years	100.0	4.6	38.0	57.4	50.0	7.4
20 years and over	100.0	3.4	21.9	74.6	59.7	14.9
20 to 24 years	100.0	3.3	16.6	80.0	65.6	14.4
25 years and over	100.0	3.5	23.0	73.5	58.5	15.0
25 to 44 years	100.0	3.4	23.5	73.1	59.7	13.4
45 to 64 years	100.0	3.5	20.0	76.5	59.7	16.8
65 years and over	100.0	3.5	46.7	49.8	35.2	14.6
COLOR						
White	100.0	2.3	14.6	83.1	53.6	29.5
Male	100.0	1.9	7.9	90.3	51.6	38.7
Female	100.0	3.0	25.6	71.4	57.0	14.4
Negro and other races	100.0	5.6	13.4	81.1	63.4	17.7
Male	100.0	4.5	7.2	88.2	65.4	22.8
Female	100.0	6.9	21.1	72.0	60.7	11.3
MARITAL STATUS						
Male:						
Married, wife present	100.0	1.7	3.0	95.3	54.2	41.1
Widowed, divorced, or separated	100.0	3.9	6.8	89.4	53.7	35.7
Single (never married)	100.0	3.4	31.6	64.9	46.5	18.4
Female:						
Married, husband present	100.0	3.4	25.4	71.2	58.2	13.0
Widowed, divorced, or separated	100.0	4.4	17.5	78.1	59.6	18.5
Single (never married)	100.0	2.6	30.4	67.0	53.9	13.1

HOUSEHOLD DATA

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

March 1970

Occupation group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
				(Thousands of persons)					
TOTAL									
White-collar workers.....	36,766	416	5,312	31,038	19,689	4,276	7,073	40.1	44.1
Professional and technical.....	10,989	59	1,405	9,525	5,716	1,424	2,385	40.8	44.5
Managers, officials, and proprietors.....	7,957	85	309	7,563	3,139	1,238	3,186	47.5	49.0
Clerical workers.....	13,315	188	2,372	10,755	9,012	1,096	647	36.1	40.2
Sales workers.....	4,504	84	1,226	3,194	1,820	519	855	36.8	44.7
Blue-collar workers.....	26,128	1,083	1,851	23,194	15,923	3,871	3,400	39.8	42.3
Craftsmen and foremen.....	9,596	232	305	9,059	5,854	1,697	1,508	41.6	42.8
Operatives.....	13,285	653	938	11,694	8,194	1,829	1,671	39.8	42.4
Nonfarm laborers.....	3,247	198	608	2,441	1,875	345	221	34.4	40.2
Service workers.....	9,356	401	3,317	5,638	3,845	860	933	32.7	43.4
Private household.....	1,594	171	921	502	317	62	123	23.3	44.7
Other service workers.....	7,762	228	2,396	5,138	3,531	798	809	34.6	43.2
MALE									
White-collar workers.....	19,564	152	1,366	18,046	9,217	2,936	5,893	44.4	46.6
Professional and technical.....	6,675	25	446	6,204	3,446	948	1,810	43.8	45.9
Managers, officials, and proprietors.....	6,752	63	172	6,517	2,500	1,088	2,929	48.6	49.6
Clerical workers.....	3,470	35	377	3,058	2,192	471	395	39.3	42.2
Sales workers.....	2,666	28	371	2,267	1,080	428	759	41.9	46.2
Blue-collar workers.....	21,622	726	1,408	19,488	12,774	3,434	3,280	40.5	42.8
Craftsmen and foremen.....	9,294	226	259	8,809	5,657	1,657	1,495	41.7	42.9
Operatives.....	9,197	308	573	8,316	5,301	1,447	1,568	41.3	43.5
Nonfarm laborers.....	3,131	192	577	2,362	1,815	330	217	34.4	40.2
Service workers.....	3,109	59	694	2,356	1,418	413	525	38.0	45.1
Private household.....	38	6	22	10	3	3	4	25.1	52.3
Other service workers.....	3,072	53	672	2,347	1,417	410	520	38.1	45.1
FEMALE									
White-collar workers.....	17,202	263	3,946	12,993	10,472	1,341	1,180	35.1	40.6
Professional and technical.....	4,314	33	960	3,321	2,271	475	575	36.2	42.0
Managers, officials, and proprietors.....	1,206	22	137	1,047	641	150	256	41.5	45.1
Clerical workers.....	9,845	153	1,995	7,697	6,819	625	253	35.0	39.4
Sales workers.....	1,837	57	854	926	739	90	97	29.4	40.9
Blue-collar workers.....	4,507	356	442	3,709	3,153	436	120	36.5	39.5
Craftsmen and foremen.....	302	6	46	250	198	39	13	37.1	40.4
Operatives.....	4,089	345	365	3,379	2,893	382	104	36.5	39.4
Nonfarm laborers.....	116	6	32	78	59	15	4	32.7	40.0
Service workers.....	6,246	341	2,622	3,283	2,429	446	408	30.1	42.1
Private household.....	1,556	165	899	492	314	59	119	23.3	44.5
Other service workers.....	4,690	176	1,723	2,791	2,114	388	289	32.4	41.7

HOUSEHOLD DATA

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

March 1970

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	1.1	14.4	84.4	53.6	11.6	19.2
Professional and technical	100.0	.5	12.8	86.7	52.0	13.0	21.7
Managers, officials, and proprietors	100.0	1.1	3.9	95.0	39.4	15.6	40.0
Clerical workers	100.0	1.4	17.8	80.8	67.7	8.2	4.9
Sales workers	100.0	1.9	27.2	70.9	40.4	11.5	19.0
Blue-collar workers	100.0	4.1	7.1	88.7	60.9	14.8	13.0
Craftsmen and foremen	100.0	2.4	3.2	94.4	61.0	17.7	15.7
Operatives	100.0	4.9	7.1	88.1	61.7	13.8	12.6
Nonfarm laborers	100.0	6.1	18.7	75.1	57.7	10.6	6.8
Service workers	100.0	4.3	35.5	60.3	41.1	9.2	10.0
Private household	100.0	10.7	57.8	31.5	19.9	3.9	7.7
Other service workers	100.0	2.9	30.9	66.2	45.5	10.3	10.4
MALE							
White-collar workers	100.0	.8	7.0	92.2	47.1	15.0	30.1
Professional and technical	100.0	.4	6.7	92.9	51.6	14.2	27.1
Managers, officials, and proprietors	100.0	.9	2.5	96.5	37.0	16.1	43.4
Clerical workers	100.0	1.0	10.9	88.2	63.2	13.6	11.4
Sales workers	100.0	1.1	13.9	85.1	40.5	16.1	28.5
Blue-collar workers	100.0	3.4	6.5	90.2	59.1	15.9	15.2
Craftsmen and foremen	100.0	2.4	2.8	94.8	60.9	17.8	16.1
Operatives	100.0	3.3	6.2	90.3	57.6	15.7	17.0
Nonfarm laborers	100.0	6.1	18.4	75.4	58.0	10.5	6.9
Service workers	100.0	1.9	22.3	75.8	45.6	13.3	16.9
Private household	100.0	15.8	57.9	26.3	7.9	7.9	10.5
Other service workers	100.0	1.7	21.9	76.3	46.1	13.3	16.9
FEMALE							
White-collar workers	100.0	1.5	22.9	75.6	60.9	7.8	6.9
Professional and technical	100.0	.8	22.3	76.9	52.6	11.0	13.3
Managers, officials, and proprietors	100.0	1.8	11.4	86.8	53.2	12.4	21.2
Clerical workers	100.0	1.6	20.3	78.2	69.3	6.3	2.6
Sales workers	100.0	3.1	46.5	50.4	40.2	4.9	5.3
Blue-collar workers	100.0	7.9	9.8	82.4	70.0	9.7	2.7
Craftsmen and foremen	100.0	2.0	15.2	82.8	65.6	12.9	4.3
Operatives	100.0	8.4	8.9	82.6	70.8	9.3	2.5
Nonfarm laborers	100.0	5.2	27.6	67.2	50.9	12.9	3.4
Service workers	100.0	5.5	42.0	52.5	38.9	7.1	6.5
Private household	100.0	10.6	57.8	31.6	20.2	3.8	7.6
Other service workers	100.0	3.8	36.7	59.6	45.1	8.3	6.2

HOUSEHOLD DATA

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

March 1970

(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population.....	7,942	4,026	3,916	6,823	3,470	3,353	1,119	556	563
Civilian labor force.....	1,224	645	578	1,151	598	553	73	47	26
Employed.....	1,108	577	531	1,055	543	511	53	34	19
Agriculture.....	122	101	20	121	101	20	1	-	-
Nonagricultural industries.....	986	475	511	934	442	491	52	33	19
Unemployed.....	116	68	47	96	55	41	20	13	6
Not in labor force.....	6,718	3,381	3,337	5,672	2,872	2,800	1,046	509	537
Keeping house.....	57	5	52	45	3	42	12	2	10
Going to school.....	6,576	3,330	3,246	5,566	2,833	2,733	1,010	497	513
Unable to work.....	9	4	5	5	5	-	4	-	5
All other reasons.....	76	41	35	56	31	26	20	10	9

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

March 1970

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,108	577	531	100.0	100.0	100.0
Nonagricultural industries.....	986	475	511	89.1	82.5	96.2
Wage and salary workers.....	905	405	501	81.8	70.2	94.4
Private household workers.....	442	63	379	39.9	10.9	71.4
Government workers.....	34	18	16	3.1	3.1	3.0
Other wage and salary workers.....	430	324	106	38.8	56.2	20.0
Self-employed workers.....	73	67	7	6.6	11.6	1.3
Unpaid family workers.....	7	4	3	.6	.7	.6
Agriculture.....	122	101	20	10.9	17.5	3.8
Wage and salary workers.....	46	42	4	4.2	7.3	.8
Self-employed workers.....	6	6	-	.5	1.0	-
Unpaid family workers.....	69	53	16	6.2	9.2	3.0
OCCUPATION						
Total.....	1,108	577	531	100.0	100.0	100.0
White-collar workers.....	270	212	58	24.4	36.9	10.7
Professional and technical.....	10	1	9	.9	.2	1.7
Managers, officials, and proprietors.....	2	2	-	.2	.3	-
Clerical workers.....	46	21	25	4.2	3.6	4.7
Sales workers.....	212	189	23	19.2	32.8	4.3
Blue-collar workers.....	151	147	4	13.6	25.5	.9
Craftsmen and foremen.....	4	4	1	.4	.7	.2
Operatives.....	49	47	2	4.4	8.1	.4
Nonfarm laborers.....	98	96	2	8.9	16.6	.4
Service workers.....	571	123	448	51.6	21.3	84.4
Private household workers.....	405	27	378	36.6	4.7	71.1
Other service workers.....	166	96	71	15.0	16.6	13.3
Farm workers.....	115	95	21	10.4	16.3	3.8
Farmers and farm managers.....	3	3	-	.3	.5	-
Farm laborers and foremen.....	112	91	20	10.1	15.8	3.8

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(In thousands)

Employment status, sex, and age	1970				1969								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Total													
Total labor force	86,087	85,590	85,599	85,023	84,872	85,051	84,868	84,517	84,310	84,028	83,652	83,950	83,883
Civilian labor force	82,769	82,249	82,213	81,583	81,379	81,523	81,325	80,987	80,789	80,504	80,130	80,434	80,379
Employed	79,112	78,822	79,041	78,737	78,528	78,445	78,194	78,142	77,931	77,741	77,321	77,589	77,650
Agriculture	3,550	3,499	3,426	3,435	3,434	3,446	3,498	3,614	3,561	3,683	3,777	3,661	3,710
Nonagricultural industries	75,562	75,323	75,615	75,302	75,094	74,999	74,696	74,528	74,370	74,058	73,544	73,928	73,940
On part time for economic reasons	1,936	1,821	1,915	1,858	1,830	1,945	1,933	1,955	1,789	1,818	1,744	1,710	1,781
Usually work full time	1,093	1,044	1,036	1,046	1,005	1,017	1,046	1,040	888	974	905	881	953
Usually work part time	843	777	879	812	825	928	887	915	901	844	839	829	828
Unemployed	3,657	3,427	3,172	2,846	2,851	3,078	3,131	2,845	2,858	2,763	2,809	2,845	2,729
Men, 20 years and over													
Total labor force	49,920	49,707	49,736	49,534	49,544	49,642	49,642	49,488	49,405	49,334	49,290	49,294	49,336
Civilian labor force	47,060	46,836	46,826	46,578	46,531	46,599	46,586	46,443	46,338	46,236	46,194	46,203	46,255
Employed	45,709	45,534	45,674	45,553	45,533	45,511	45,465	45,485	45,335	45,303	45,251	45,282	45,374
Agriculture	2,537	2,479	2,473	2,499	2,482	2,575	2,593	2,670	2,646	2,676	2,713	2,678	2,701
Nonagricultural industries	43,172	43,055	43,201	43,054	43,051	42,936	42,872	42,815	42,689	42,627	42,538	42,604	42,673
Unemployed	1,351	1,302	1,152	1,025	998	1,088	1,121	958	1,003	933	943	921	881
Women, 20 years and over													
Civilian labor force	28,295	28,066	28,073	27,875	27,671	27,767	27,634	27,664	27,524	27,341	27,055	27,227	27,192
Employed	27,016	26,925	27,060	26,897	26,663	26,699	26,543	26,626	26,512	26,322	26,041	26,193	26,216
Agriculture	583	630	586	585	555	554	535	582	547	610	622	607	626
Nonagricultural industries	26,433	26,295	26,474	26,312	26,108	26,145	26,008	26,044	25,965	25,712	25,419	25,586	25,590
Unemployed	1,279	1,141	1,013	978	1,008	1,068	1,091	1,038	1,012	1,019	1,014	1,034	976
Both sexes, 16-19 years													
Civilian labor force	7,414	7,347	7,314	7,130	7,177	7,157	7,105	6,880	6,927	6,927	6,881	7,004	6,932
Employed	6,387	6,363	6,307	6,287	6,332	6,235	6,186	6,031	6,084	6,116	6,029	6,114	6,060
Agriculture	430	390	367	351	397	317	370	362	368	397	442	376	383
Nonagricultural industries	5,957	5,973	5,940	5,936	5,935	5,918	5,816	5,669	5,716	5,719	5,587	5,738	5,677
Unemployed	1,027	984	1,007	843	845	922	919	849	843	811	852	890	872

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-36 will not necessarily add to totals.

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

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1970				1969								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Full time													
Total, 16 years and over:													
Civilian labor force	70,557	70,407	70,623	70,269	70,184	70,190	70,308	70,052	69,735	69,533	69,273	69,396	69,243
Employed	67,707	67,781	68,235	68,017	68,039	68,010	67,993	67,915	67,572	67,408	67,128	67,193	67,172
Unemployed	2,850	2,626	2,388	2,252	2,145	2,180	2,315	2,137	2,163	2,125	2,145	2,203	2,071
Unemployment rate	4.0	3.7	3.4	3.2	3.1	3.1	3.3	3.1	3.1	3.1	3.1	3.2	3.0
Men, 20 years and over:													
Civilian labor force	44,715	44,536	44,604	44,486	44,420	44,447	44,482	44,303	44,177	44,158	44,143	44,135	44,119
Employed	43,460	43,348	43,561	43,506	43,515	43,539	43,524	43,485	43,279	43,318	43,293	43,278	43,309
Unemployed	1,255	1,188	1,043	980	905	908	958	818	898	840	850	857	810
Unemployment rate	2.8	2.7	2.3	2.2	2.0	2.0	2.2	1.8	2.0	1.9	1.9	1.9	1.8
Women, 20 years and over:													
Civilian labor force	21,982	21,965	22,146	21,813	21,852	21,862	21,878	21,971	21,752	21,636	21,501	21,592	21,493
Employed	20,982	21,087	21,332	21,089	21,096	21,059	21,036	21,116	20,956	20,812	20,684	20,749	20,687
Unemployed	1,000	878	814	724	756	803	842	855	796	824	817	843	806
Unemployment rate	4.5	4.0	3.7	3.3	3.5	3.7	3.8	3.9	3.7	3.8	3.8	3.9	3.8
Part time													
Total, 16 years and over:													
Civilian labor force	11,958	11,634	11,803	11,360	11,261	11,314	11,072	11,032	10,883	10,899	10,844	10,954	10,892
Employed	11,109	10,828	10,946	10,677	10,580	10,539	10,301	10,272	10,212	10,297	10,165	10,300	10,222
Unemployed	849	806	857	683	681	775	771	760	671	602	679	654	670
Unemployment rate	7.1	6.9	7.3	6.0	6.0	6.9	7.0	6.9	6.2	5.5	6.3	6.0	6.2

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

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Characteristics	1970					1969							
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
White													
Total:													
Civilian labor force	73,621	73,169	73,159	72,589	72,392	72,447	72,261	71,835	71,733	71,513	71,332	71,553	71,536
Employed	70,617	70,406	70,558	70,266	70,093	69,930	69,733	69,548	69,447	69,361	69,103	69,316	69,349
Unemployed	3,004	2,763	2,601	2,323	2,299	2,517	2,528	2,287	2,286	2,152	2,229	2,237	2,187
Unemployment rate	4.1	3.8	3.6	3.2	3.2	3.5	3.5	3.2	3.2	3.0	3.1	3.1	3.1
Males, 20 years and over:													
Civilian labor force	42,407	42,194	42,133	41,953	41,959	41,956	41,965	41,838	41,724	41,645	41,624	41,648	41,726
Employed	41,260	41,115	41,165	41,122	41,130	41,022	41,044	41,052	40,890	40,875	40,840	40,897	40,988
Unemployed	1,147	1,079	968	831	829	934	921	786	834	770	784	751	738
Unemployment rate	2.7	2.6	2.3	2.0	2.0	2.2	2.2	1.9	2.0	1.8	1.9	1.8	1.8
Females, 20 years and over:													
Civilian labor force	24,599	24,437	24,504	24,243	24,053	24,174	23,979	23,973	23,894	23,760	23,607	23,685	23,648
Employed	23,576	23,520	23,665	23,429	23,245	23,308	23,116	23,136	23,108	22,955	22,818	22,900	22,890
Unemployed	1,023	917	839	814	808	866	863	837	786	805	789	785	758
Unemployment rate	4.2	3.8	3.4	3.4	3.4	3.6	3.6	3.5	3.3	3.4	3.3	3.3	3.2
Both sexes, 16 to 19 years:													
Civilian labor force	6,615	6,538	6,522	6,393	6,380	6,317	6,317	6,024	6,115	6,108	6,101	6,220	6,162
Employed	5,781	5,771	5,728	5,715	5,718	5,600	5,573	5,360	5,449	5,531	5,445	5,519	5,471
Unemployed	834	767	794	678	662	717	744	664	666	577	656	701	691
Unemployment rate	12.6	11.7	12.2	10.6	10.4	11.4	11.8	11.0	10.9	9.4	10.8	11.3	11.2
Negro and other races													
Total:													
Civilian labor force	9,253	9,160	9,259	9,115	9,042	9,011	8,962	9,061	8,920	8,888	8,834	8,880	8,930
Employed	8,598	8,520	8,675	8,598	8,484	8,419	8,366	8,479	8,339	8,287	8,270	8,259	8,384
Unemployed	655	640	584	517	558	592	596	582	581	601	564	621	546
Unemployment rate	7.1	7.0	6.3	5.7	6.2	6.6	6.7	6.4	6.5	6.8	6.4	7.0	6.1
Males, 20 years and over:													
Civilian labor force	4,693	4,675	4,731	4,657	4,602	4,607	4,599	4,611	4,571	4,573	4,557	4,517	4,560
Employed	4,484	4,461	4,550	4,480	4,430	4,424	4,409	4,442	4,398	4,397	4,399	4,351	4,413
Unemployed	209	214	181	177	172	183	190	169	173	176	158	166	147
Unemployment rate	4.5	4.6	3.8	3.8	3.7	4.0	4.1	3.7	3.8	3.8	3.5	3.7	3.2
Females, 20 years and over:													
Civilian labor force	3,751	3,656	3,676	3,664	3,608	3,576	3,595	3,638	3,554	3,529	3,503	3,573	3,549
Employed	3,466	3,440	3,497	3,502	3,412	3,373	3,372	3,412	3,333	3,316	3,296	3,310	3,336
Unemployed	249	216	179	162	196	203	223	226	221	213	207	263	213
Unemployment rate	6.7	5.9	4.9	4.4	5.4	5.7	6.2	6.2	6.2	6.0	5.9	7.4	6.0
Both sexes, 16 to 19 years:													
Civilian labor force	845	829	852	794	832	828	768	812	795	786	774	790	821
Employed	648	619	628	616	642	622	585	625	608	574	575	598	635
Unemployed	197	210	224	178	190	206	183	187	187	212	199	192	186
Unemployment rate	23.3	25.3	26.3	22.4	22.8	24.9	23.8	23.0	23.5	27.0	25.7	24.3	22.7

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-32: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1970				1969								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Total (all civilian workers)	4.4	4.2	3.9	3.5	3.5	3.8	3.8	3.5	3.5	3.4	3.5	3.5	3.4
Men, 20 years and over	2.9	2.8	2.5	2.2	2.1	2.3	2.4	2.1	2.2	2.0	2.0	2.0	1.9
Women, 20 years and over	4.5	4.1	3.6	3.5	3.6	3.8	3.9	3.8	3.7	3.7	3.7	3.8	3.6
Both sexes, 16-19 years	13.9	13.4	13.8	11.8	11.8	12.9	12.9	12.3	12.2	11.7	12.4	12.7	12.6
White	4.1	3.8	3.6	3.2	3.2	3.5	3.5	3.2	3.2	3.0	3.1	3.1	3.1
Negro and other races	7.1	7.0	6.3	5.7	6.2	6.6	6.7	6.4	6.5	6.8	6.4	7.0	6.1
Married men	2.2	2.0	1.8	1.7	1.5	1.6	1.7	1.5	1.6	1.5	1.5	1.5	1.4
Full-time workers	4.0	3.7	3.4	3.2	3.1	3.1	3.3	3.1	3.1	3.1	3.1	3.2	3.0
Part-time workers	7.1	6.9	7.3	6.0	6.0	6.9	7.0	6.9	6.2	5.5	6.3	6.0	6.2
Unemployed 15 weeks and over ¹ . . . . .	.7	.6	.5	.5	.5	.4	.5	.5	.5	.5	.5	.5	.4
State insured ²	2.7	2.7	2.5	2.4	2.4	2.2	2.2	2.1	2.2	2.1	2.0	2.1	2.1
Labor force time lost ³	4.8	4.5	4.2	3.9	4.0	4.3	4.3	4.0	4.0	3.8	3.8	3.8	3.7
Occupation													
White-collar workers	2.7	2.3	2.1	2.1	2.1	2.4	2.2	2.2	2.2	2.1	2.0	1.8	2.0
Professional and technical	2.3	1.7	1.5	1.8	1.2	1.6	1.4	1.3	1.4	1.3	1.3	1.2	1.2
Managers, officials, and proprietors	1.2	1.0	.9	1.0	.9	.9	1.0	1.0	.9	1.0	.9	.8	.9
Clerical workers	3.6	3.2	3.1	2.8	3.5	3.4	3.2	3.2	3.2	3.0	2.9	2.5	3.0
Sales workers	3.5	3.4	2.8	2.6	2.2	3.5	2.8	2.9	3.2	2.8	2.9	3.1	2.9
Blue-collar workers	5.2	5.0	4.6	4.3	4.2	4.2	4.4	3.8	3.8	3.7	3.8	4.0	3.7
Craftsmen and foremen	3.1	2.5	2.3	2.3	2.1	2.4	2.6	2.1	1.9	1.9	2.3	2.2	2.2
Operatives	6.2	6.0	5.1	5.0	4.9	4.9	4.7	4.2	4.2	4.3	4.1	4.6	3.9
Nonfarm laborers	7.4	7.7	8.5	7.4	6.9	6.5	7.6	6.8	7.1	6.1	6.5	6.8	6.9
Service workers	4.9	4.8	4.5	3.6	4.0	4.2	4.8	4.5	4.3	4.4	4.2	4.5	3.9
Farm workers	2.3	1.9	2.1	2.1	1.4	1.8	1.9	1.9	2.9	1.9	1.8	1.9	2.1
Industry													
Private wage and salary workers ⁴	4.6	4.3	3.9	3.6	3.6	3.8	3.9	3.5	3.5	3.5	3.5	3.5	3.4
Construction	8.1	7.9	7.1	6.0	5.4	7.3	7.4	7.0	5.9	5.1	5.7	6.0	6.1
Manufacturing	4.7	4.6	3.8	3.8	3.7	3.6	3.7	2.9	3.2	3.3	3.1	3.2	3.1
Durable goods	4.8	4.7	3.8	3.7	3.6	3.2	3.2	2.3	3.1	3.2	2.9	3.0	2.8
Nondurable goods	4.6	4.4	3.8	3.9	3.9	4.2	4.3	3.7	3.3	3.4	3.4	3.4	3.5
Transportation and public utilities	3.1	2.4	2.9	2.4	2.4	2.9	2.0	2.0	2.0	1.9	2.4	2.3	2.3
Wholesale and retail trade	4.7	4.7	4.3	3.9	3.9	4.2	4.5	4.3	4.1	4.2	4.1	4.2	3.9
Finance and service industries	4.0	3.2	3.1	2.7	3.2	3.1	3.4	3.4	3.6	3.2	3.3	3.3	3.1
Government wage and salary workers	2.1	2.0	2.2	2.0	2.1	2.4	1.9	1.9	1.8	1.7	1.7	1.6	1.6
Agricultural wage and salary workers	6.4	5.8	6.2	6.5	5.2	6.3	6.5	6.5	8.9	5.6	5.3	5.8	5.9

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

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

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-33: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1970			1969									
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Less than 5 weeks	1,995	1,973	1,756	1,515	1,558	1,882	1,756	1,646	1,656	1,578	1,720	1,711	1,625
5 to 14 weeks	1,154	1,016	914	893	912	882	995	854	824	812	639	748	777
15 weeks and over	545	465	409	392	389	363	392	385	400	385	400	381	359
15 to 26 weeks	363	306	276	272	249	233	240	250	233	255	263	246	240
27 weeks and over	182	159	133	120	140	130	152	135	167	130	137	135	119

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

Age and sex	1970			1969									
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Total, 16 years and over	4.4	4.2	3.9	3.5	3.5	3.8	3.8	3.5	3.5	3.4	3.5	3.5	3.4
16 to 19 years	13.9	13.4	13.8	11.8	11.8	12.9	12.9	12.3	12.2	11.7	12.4	12.7	12.6
16 and 17 years	15.7	16.3	17.2	13.7	14.3	16.5	16.1	15.8	14.6	13.5	14.0	14.8	13.8
18 and 19 years	12.4	11.7	11.6	10.2	9.2	10.4	10.6	9.8	10.3	10.1	11.5	11.4	11.6
20 to 24 years	6.8	7.3	6.1	5.8	5.8	6.4	6.5	5.4	5.8	5.4	5.5	5.7	5.4
25 years and over	3.0	2.6	2.4	2.2	2.2	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1
25 to 54 years	3.1	2.7	2.5	2.3	2.1	2.4	2.5	2.3	2.3	2.3	2.3	2.3	2.2
55 years and over	2.7	2.4	2.0	2.1	1.9	2.3	2.2	2.0	2.0	2.0	1.7	2.0	1.9
Males, 16 years and over	3.6	3.6	3.3	2.9	2.9	3.1	3.2	2.8	2.9	2.7	2.7	2.7	2.6
16 to 19 years	12.5	13.0	12.6	11.0	11.7	11.8	12.0	11.3	11.8	10.7	11.1	11.5	11.5
16 and 17 years	14.6	15.4	14.9	13.1	13.7	14.4	15.0	15.5	14.4	13.0	13.9	13.1	13.2
18 and 19 years	10.8	11.0	10.8	9.3	8.9	9.6	9.4	7.8	9.7	8.5	9.2	10.4	10.0
20 to 24 years	6.4	6.9	6.1	5.5	5.3	6.3	6.4	4.5	5.3	4.8	4.8	4.8	4.6
25 years and over	2.4	2.2	2.0	1.8	1.7	1.9	1.8	1.7	1.7	1.6	1.7	1.6	1.6
25 to 54 years	2.3	2.1	2.0	1.7	1.4	1.8	1.8	1.6	1.7	1.5	1.7	1.6	1.5
55 years and over	2.8	2.4	2.1	2.2	1.9	2.2	2.0	2.0	1.9	1.8	1.6	1.8	1.8
Females, 16 years and over	5.7	5.1	4.8	4.5	4.5	4.9	5.0	4.8	4.6	4.7	4.8	4.9	4.6
16 to 19 years	15.6	13.9	15.2	12.8	11.9	14.2	14.2	13.6	12.7	13.0	14.0	14.3	14.0
16 and 17 years	17.0	17.3	20.3	14.7	15.0	19.2	17.7	16.2	14.8	14.3	14.2	17.1	14.9
18 and 19 years	14.3	12.7	12.4	11.2	9.6	11.3	12.0	12.0	11.0	11.9	14.1	12.6	13.3
20 to 24 years	7.2	7.6	6.2	6.1	6.5	6.5	6.6	6.3	6.3	6.0	6.4	6.7	6.4
25 years and over	4.0	3.3	3.0	3.0	3.1	3.4	3.4	3.3	3.2	3.3	3.1	3.2	3.0
25 to 54 years	4.4	3.6	3.3	3.3	3.4	3.6	3.7	3.6	3.5	3.6	3.4	3.5	3.4
55 years and over	2.5	2.3	1.7	1.9	2.0	2.5	2.5	2.1	2.3	2.3	1.9	2.5	2.0

HOUSEHOLD DATA
SEASONALLY ADJUSTED

A-35: Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	1970					1969							
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
Total													
16 years and over	79,112	78,822	79,041	78,737	78,528	78,445	78,194	78,142	77,931	77,741	77,321	77,589	77,650
16 to 19 years	6,387	6,363	6,307	6,287	6,332	6,235	6,186	6,031	6,084	6,116	6,029	6,114	6,060
16 and 17 years	2,774	2,760	2,713	2,667	2,707	2,625	2,614	2,474	2,526	2,541	2,534	2,622	2,607
18 and 19 years	3,654	3,634	3,647	3,660	3,654	3,598	3,565	3,530	3,515	3,569	3,467	3,504	3,498
20 to 24 years	9,593	9,538	9,644	9,441	9,506	9,457	9,428	9,477	9,371	9,356	9,173	9,227	9,207
25 years and over	63,134	62,970	63,132	62,998	62,709	62,770	62,589	62,630	62,433	62,199	62,195	62,219	62,388
25 to 54 years	48,846	48,821	49,043	48,945	48,619	48,600	48,435	48,492	48,304	48,189	48,149	48,122	48,243
55 years and over	14,326	14,203	14,223	14,117	14,075	14,096	14,108	14,121	14,052	13,969	14,036	14,112	14,156
Male													
16 years and over	49,341	49,058	49,204	49,055	49,067	48,949	48,956	48,819	48,702	48,697	48,654	48,745	48,822
16 to 19 years	3,628	3,524	3,530	3,502	3,534	3,438	3,491	3,334	3,367	3,394	3,403	3,463	3,448
16 and 17 years	1,601	1,558	1,580	1,550	1,600	1,536	1,586	1,454	1,496	1,498	1,504	1,547	1,565
18 and 19 years	2,027	1,984	1,974	1,987	1,954	1,905	1,914	1,861	1,838	1,892	1,882	1,909	1,913
20 to 24 years	5,146	5,102	5,117	5,093	5,088	5,068	5,071	5,107	5,029	5,036	5,008	4,972	4,920
25 years and over	40,567	40,468	40,571	40,500	40,418	40,421	40,403	40,407	40,274	40,231	40,255	40,295	40,451
25 to 54 years	31,402	31,352	31,409	31,469	31,353	31,324	31,288	31,336	31,284	31,258	31,238	31,225	31,330
55 years and over	9,181	9,148	9,209	9,067	9,076	9,076	9,098	9,051	8,975	8,941	9,025	9,070	9,127
Female													
16 years and over	29,814	29,764	29,837	29,682	29,461	29,496	29,238	29,323	29,229	29,044	28,667	28,844	28,828
16 to 19 years	2,800	2,839	2,777	2,785	2,798	2,797	2,695	2,697	2,717	2,722	2,626	2,651	2,612
16 and 17 years	1,173	1,202	1,133	1,117	1,107	1,089	1,028	1,020	1,030	1,043	1,030	1,075	1,042
18 and 19 years	1,627	1,650	1,673	1,673	1,700	1,693	1,651	1,669	1,677	1,677	1,585	1,595	1,585
20 to 24 years	4,447	4,436	4,527	4,348	4,418	4,389	4,357	4,370	4,342	4,320	4,165	4,255	4,287
25 years and over	22,576	22,502	22,561	22,498	22,291	22,349	22,186	22,223	22,159	21,968	21,940	21,924	21,937
25 to 54 years	17,444	17,469	17,634	17,476	17,266	17,276	17,147	17,156	17,020	16,931	16,911	16,897	16,913
55 years and over	5,145	5,055	5,014	5,050	4,999	5,020	5,010	5,070	5,077	5,028	5,011	5,042	5,029

A-36: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1970					1969							
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
White-collar workers	37,936	37,927	37,950	37,641	37,483	37,406	37,047	36,917	36,807	36,896	36,673	36,462	36,362
Professional and technical	11,016	10,966	11,097	11,007	10,887	10,915	10,763	10,699	10,831	10,788	10,714	10,717	10,693
Managers, officials, and proprietors	8,268	8,186	8,190	8,164	8,222	8,037	8,022	7,958	7,931	7,963	8,028	7,987	7,871
Clerical workers	13,884	13,965	13,869	13,699	13,530	13,737	13,573	13,528	13,334	13,406	13,279	13,159	13,178
Sales workers	4,768	4,810	4,794	4,771	4,844	4,717	4,689	4,732	4,711	4,739	4,652	4,599	4,620
Blue-collar workers	28,192	28,274	28,241	28,323	28,432	28,412	28,520	28,429	28,325	28,061	27,687	28,044	28,185
Craftsmen and foremen	10,375	10,268	10,148	10,323	10,258	10,215	10,162	10,189	10,170	10,105	9,977	10,050	10,190
Operatives	14,018	14,204	14,281	14,268	14,433	14,535	14,676	14,560	14,532	14,288	14,079	14,257	14,331
Nonfarm laborers	3,799	3,802	3,812	3,732	3,741	3,662	3,682	3,680	3,623	3,668	3,631	3,737	3,664
Service workers	9,729	9,562	9,728	9,688	9,558	9,520	9,531	9,467	9,480	9,403	9,417	9,582	9,693
Farmers and farm laborers	3,214	3,160	3,084	3,037	3,087	3,143	3,199	3,258	3,238	3,403	3,484	3,364	3,401

ESTABLISHMENT DATA EMPLOYMENT

B-2: Employees on nonagricultural payrolls, by industry

(In thousands)

SIC CODE	Industry	All employees					Production workers ¹				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
-	TOTAL	70,267	69,881	69,797	68,894	68,403	-	-	-	-	-
-	PRIVATE SECTOR	57,529	57,259	57,308	56,615	56,159	47,462	47,180	47,259	46,824	46,426
-	MINING	616	616	619	610	610	647	468	470	463	463
10	METAL MINING	-	94.4	94.1	89.4	89.1	-	76.4	76.3	72.2	71.6
101	Iron ores	-	24.9	24.7	24.7	24.5	-	20.2	20.1	20.0	19.7
102	Copper ores	-	39.0	38.8	36.0	35.7	-	31.4	31.3	28.7	28.5
11,12	COAL MINING	-	138.9	139.2	133.7	135.4	-	120.5	120.7	115.2	116.9
12	Bituminous coal and lignite mining	-	132.6	132.9	127.4	129.1	-	115.0	115.0	109.7	111.4
13	OIL AND GAS EXTRACTION	-	273.4	277.2	275.4	276.9	-	182.4	185.9	185.1	186.6
131,2	Crude petroleum and natural gas fields	-	141.3	141.8	143.9	143.8	-	72.5	72.6	74.5	74.2
138	Oil and gas field services	-	132.1	135.4	131.5	133.1	-	109.9	113.3	110.6	112.4
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	109.6	108.5	111.9	108.9	-	88.8	87.5	90.7	88.1
142	Crushed and broken stone	-	37.8	36.7	38.6	37.3	-	31.3	30.2	32.1	30.9
144	Sand and gravel	-	35.1	35.0	36.1	34.8	-	-	-	-	-
	CONTRACT CONSTRUCTION	3,130	3,044	3,021	3,077	2,999	2,587	2,505	2,484	2,556	2,481
	GENERAL BUILDING CONTRACTORS	-	901.3	896.0	933.1	915.3	-	747.8	742.5	784.2	767.3
16	HEAVY CONSTRUCTION CONTRACTORS	-	597.9	588.7	589.0	562.2	-	487.2	479.0	487.8	463.2
161	Highway and street construction	-	208.3	201.7	222.0	207.5	-	171.6	165.7	185.3	170.9
162	Heavy construction, n e c	-	389.6	387.0	367.0	354.7	-	315.6	313.3	302.5	292.3
17	SPECIAL TRADE CONTRACTORS	-	1,544.8	1,536.2	1,555.1	1,521.2	-	1,270.3	1,262.0	1,284.0	1,250.3
171	Plumbing, heating, air conditioning	-	386.7	391.1	383.8	382.5	-	309.8	314.1	307.4	305.8
172	Painting, paper hanging, decorating	-	108.0	105.0	111.5	107.3	-	92.4	89.3	97.2	93.0
173	Electrical work	-	275.2	278.4	269.2	266.6	-	219.4	222.9	215.2	212.6
174	Masonry, stonework, and plastering	-	205.9	200.6	216.2	214.2	-	184.6	179.1	194.2	192.6
176	Roofing and sheet metal work	-	107.6	102.9	108.0	105.8	-	87.5	82.5	87.2	84.8
	MANUFACTURING	19,677	19,707	19,767	19,978	19,891	14,307	14,315	14,365	14,644	14,584
19,24,25, 32-39	DURABLE GOODS	11,549	11,552	11,605	11,841	11,785	8,340	8,324	8,366	8,623	8,585
20-23, 26-31	NONDURABLE GOODS	8,128	8,155	8,162	8,137	8,106	5,967	5,991	5,999	6,021	5,999
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	280.3	285.1	291.7	345.5	346.8	151.1	153.9	157.8	195.1	195.7
192	Ammunition, except for small arms	206.2	207.5	212.7	259.5	260.8	103.7	104.2	107.8	140.3	140.9
1925	Complete guided missiles	-	125.2	127.0	150.6	150.3	-	38.6	39.5	50.8	50.0
1929	Ammunition, exc. for small arms, nec	-	82.3	85.7	108.9	110.5	-	65.6	68.3	89.5	90.9
24	LUMBER AND WOOD PRODUCTS	565.3	564.8	573.2	594.2	590.1	486.1	484.9	493.2	515.5	510.8
241	Logging camps & logging contractors	70.6	71.3	74.8	72.2	71.5	-	-	-	-	-
242	Sawmills and planing mills	(*)	217.5	219.5	231.5	229.9	(*)	196.9	199.0	210.3	208.6
2421	Sawmills and planing mills, general	-	181.4	182.7	192.7	191.5	-	164.4	165.8	175.3	173.9
243	Millwork, plywood & related products	153.0	152.9	155.4	167.3	166.0	126.9	126.2	128.9	141.5	140.1
2431	Millwork	-	67.0	68.1	72.5	72.5	-	53.2	54.4	58.9	58.8
2432	Veneer and plywood	-	68.4	69.7	76.3	75.5	-	61.2	62.4	69.3	68.5
244	Wooden containers	36.0	35.8	35.9	37.4	37.5	31.9	31.8	31.8	33.5	33.4
2441,2	Wooden boxes, shooks, and crates	-	27.2	27.3	28.7	29.0	-	24.1	24.1	25.6	25.8
249	Miscellaneous wood products	87.7	87.3	87.6	85.8	85.2	73.8	73.4	73.6	72.4	71.7

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES	475.7	478.6	484.4	490.6	491.1	392.9	395.8	401.4	407.2	407.3
251	Household furniture.....	333.4	334.7	338.2	346.8	347.4	282.3	284.0	288.0	296.3	296.7
2511	Wood household furniture.....	—	168.4	172.1	179.6	180.7	—	148.3	151.7	158.7	159.7
2512	Upholstered household furniture.....	—	87.7	87.8	90.3	89.9	—	72.8	73.5	76.0	75.8
2515	Mattresses and bedsprings.....	—	38.1	38.7	38.4	38.5	—	29.8	30.2	30.1	29.9
252	Office furniture.....	—	40.5	41.2	38.8	38.5	—	31.8	32.3	30.6	30.3
254	Partitions and fixtures.....	—	53.5	53.6	52.0	51.3	—	41.5	41.5	39.4	38.7
253,9	Other furniture and fixtures.....	49.8	49.9	51.4	53.0	53.9	38.3	38.5	39.6	40.9	41.6
32	STONE, CLAY, AND GLASS PRODUCTS ...	637.8	636.8	637.0	646.6	639.2	505.2	504.4	503.9	518.9	511.6
321	Flat glass.....	—	24.9	25.4	26.4	26.5	—	18.7	19.1	20.1	20.2
322	Glass and glassware, pressed or blown...	130.9	130.8	127.8	129.8	129.4	113.8	113.8	111.4	114.7	114.3
3221	Glass containers.....	—	75.4	73.2	73.1	72.2	—	67.1	65.3	66.8	66.0
3229	Pressed and blown glass, n e c.....	—	55.4	54.6	56.7	57.2	—	46.7	46.1	47.9	48.3
324	Cement, hydraulic.....	33.9	33.4	34.4	34.2	33.9	26.0	25.5	26.3	26.1	25.8
325	Structural clay products.....	58.6	57.9	59.4	64.3	63.7	47.1	46.7	48.2	53.2	52.4
3251	Brick and structural clay tile.....	—	25.2	26.1	28.8	28.2	—	21.5	22.4	25.2	24.6
326	Pottery and related products.....	—	45.8	45.1	45.1	44.9	—	38.4	37.6	38.6	38.3
327	Concrete, gypsum, and plaster products...	177.1	175.4	176.5	178.7	174.4	136.1	134.5	135.2	138.6	134.4
328,9	Other stone and nonmetallic mineral products	138.5	139.4	138.7	138.7	136.9	103.3	103.7	102.6	104.0	102.4
3291	Abrasive products.....	—	27.7	27.7	27.6	27.5	—	19.2	18.9	19.0	18.9
33	PRIMARY METAL INDUSTRIES	1,330.2	1,339.6	1,343.6	1,333.3	1,326.0	1,057.5	1,066.1	1,073.3	1,065.5	1,057.1
331	Blast furnace and basic steel products...	(*)	638.5	638.6	630.0	622.1	(*)	507.5	509.9	501.8	493.5
3312	Blast furnaces and steel mills.....	—	559.3	558.8	549.7	542.1	—	446.7	448.3	440.3	432.3
332	Iron and steel foundries.....	234.9	237.8	237.7	231.0	234.5	197.3	199.6	194.1	197.4	197.4
3321	Gray iron foundries.....	—	148.0	149.0	146.1	147.2	—	126.3	127.4	125.3	126.1
3322	Malleable iron foundries.....	—	23.2	23.9	23.4	23.3	—	19.3	19.9	19.5	19.5
3323	Steel foundries.....	—	66.6	64.8	61.5	64.0	—	54.0	52.3	49.3	51.8
333,4	Nonferrous metals.....	87.6	87.6	87.3	86.8	86.6	67.3	67.5	67.8	67.6	67.4
3334	Primary aluminum.....	—	28.3	27.7	27.3	27.3	—	22.9	22.9	22.5	22.5
335	Nonferrous rolling and drawing.....	210.4	213.0	214.3	215.9	214.2	156.6	159.6	161.2	163.1	161.0
3351	Copper rolling and drawing.....	—	43.1	43.8	45.1	44.8	—	32.3	33.0	34.2	33.9
3352	Aluminum rolling and drawing.....	—	68.1	68.5	70.2	69.0	—	50.1	50.6	52.6	51.3
3357	Nonferrous wire drawing and insulating...	—	77.5	77.5	76.8	76.9	—	60.0	60.1	59.3	59.3
336	Nonferrous foundries.....	86.2	88.4	89.8	93.0	92.2	71.1	73.0	74.4	77.7	76.8
3361	Aluminum castings.....	—	46.0	46.5	47.5	47.0	—	38.6	39.2	40.5	40.0
3362,9	Other nonferrous castings.....	—	42.4	43.3	45.5	45.2	—	34.4	35.2	37.2	36.8
339	Miscellaneous primary metal products....	73.7	74.3	75.9	76.6	76.4	58.5	58.9	60.4	61.2	61.0
3391	Iron and steel forgings.....	—	49.8	51.3	51.6	51.4	—	39.7	41.2	41.7	41.5
34	FABRICATED METAL PRODUCTS	1,428.4	1,436.3	1,447.6	1,441.1	1,435.4	1,089.2	1,097.7	1,108.6	1,111.6	1,108.7
341	Metal cans.....	69.0	68.1	67.5	67.5	67.3	57.8	56.8	56.6	57.5	57.5
342	Cutlery, hand tools, and hardware.....	168.0	169.2	171.8	171.6	171.1	130.0	131.0	133.7	133.5	133.7
3421,3,5	Cutlery and hand tools, incl. saws.....	—	71.6	71.7	68.9	68.5	—	55.0	55.4	53.6	53.6
3429	Hardware, n e c.....	—	97.6	100.1	102.7	102.6	—	76.0	78.3	79.9	80.1
343	Plumbing and heating, except electric....	81.7	82.3	83.7	83.6	84.6	60.2	60.8	62.2	62.4	63.1
3431,2	Sanitary ware & plumbers' brass goods...	—	36.6	36.8	38.2	38.0	—	28.9	29.3	30.3	30.2
3433	Heating equipment, except electric.....	—	45.7	46.9	45.4	46.6	—	31.9	32.9	32.1	32.9
344	Fabricated structural metal products.....	422.1	423.7	428.3	420.0	418.5	301.7	304.5	308.7	302.9	302.2
3441	Fabricated structural steel.....	—	112.7	113.7	114.8	113.9	—	82.8	83.8	85.3	85.2
3442	Metal doors, sash, and trim.....	—	64.7	67.3	67.7	67.3	—	46.1	48.3	48.5	48.1
3443	Fabricated plate work(boiler shops)....	—	117.8	117.1	110.7	110.8	—	83.1	82.5	77.5	77.5
3444	Sheet metal work.....	—	80.1	80.4	79.2	79.0	—	57.9	58.3	58.0	57.9
3446,9	Architectural and misc. metal work.....	—	48.4	49.8	47.6	47.5	—	34.6	35.8	33.6	33.5
345	Screw machine products, bolts, etc.....	117.2	117.7	118.9	114.6	114.2	91.7	92.5	93.3	90.2	90.2
3451	Screw machine products.....	—	52.6	52.9	52.3	52.3	—	44.4	44.5	44.2	44.4
3452	Bolts, nuts, rivets, and washers.....	—	65.1	66.0	62.3	61.9	—	48.1	48.8	46.0	45.8
346	Metal stampings.....	242.3	246.0	247.5	256.6	255.8	194.1	197.6	199.3	209.9	209.1
347	Metal services, n e c.....	96.9	97.2	97.0	96.8	95.9	79.8	79.8	79.5	80.4	79.8
348	Misc. fabricated wire products.....	68.5	69.0	70.6	70.6	70.8	54.6	55.1	56.2	56.8	57.0
349	Misc. fabricated metal products.....	162.7	163.1	162.3	159.8	157.2	119.3	119.6	119.1	118.0	116.1
3494,8	Valves, pipe, and pipe fittings.....	—	98.2	97.9	97.2	96.0	—	69.2	69.2	68.8	68.3

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)									
		All employees					Production workers ¹				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Durable Goods--Continued</i>											
TRANSPORTATION EQUIPMENT--Continued											
3732	Boat building and repairing.....	-	42.3	42.6	46.0	45.4	-	33.7	34.3	38.1	37.8
374	Railroad equipment.....	-	50.0	49.9	51.6	50.3	-	38.6	38.2	40.4	39.3
375,9	Other transportation equipment.....	-	85.5	86.0	90.6	87.8	-	70.3	71.1	76.0	73.6
38	INSTRUMENTS AND RELATED PRODUCTS	461.2	463.4	464.8	469.3	467.1	282.8	283.4	283.4	291.3	288.7
381	Engineering & scientific instruments.....	-	72.5	73.3	81.1	82.0	-	34.7	35.2	39.9	40.5
382	Mechanical measuring & control devices....	112.0	112.2	113.2	112.0	111.4	70.8	70.8	71.3	72.0	71.1
3821	Mechanical measuring devices.....	-	69.0	69.5	67.7	67.3	-	41.1	41.0	40.6	40.0
3822	Automatic temperature controls.....	-	43.2	43.7	44.3	44.1	-	29.7	30.3	31.4	31.1
383,5	Optical and ophthalmic goods.....	50.9	50.8	50.9	50.7	50.4	35.7	35.7	36.0	35.8	35.8
385	Ophthalmic goods.....	-	32.9	32.8	32.0	31.7	-	24.9	25.0	24.3	24.1
384	Medical instruments and supplies.....	77.7	77.9	78.4	76.6	75.8	52.5	52.7	53.0	52.7	52.2
386	Photographic equipment and supplies.....	113.2	115.3	115.6	111.8	111.2	60.5	61.1	61.2	60.6	59.7
387	Watches, clocks, and watchcases.....	-	34.7	33.4	37.1	36.3	-	28.4	27.0	30.3	29.4
MISCELLANEOUS MANUFACTURING											
39	INDUSTRIES	427.5	426.0	421.9	431.0	422.7	331.2	330.1	325.2	336.0	328.3
391	Jewelry, silverware, and plated ware.....	51.0	51.0	51.1	51.7	49.6	38.2	38.3	38.3	39.3	37.3
394	Toys and sporting goods.....	-	112.6	108.8	115.6	111.8	-	90.7	86.5	93.6	90.2
3941-3	Games, toys, dolls, & play vehicles.....	-	60.5	56.6	62.4	58.9	-	48.1	44.2	50.0	46.9
3949	Sporting and athletic goods, n e c.....	-	52.1	52.2	53.2	52.9	-	42.6	42.3	43.6	43.3
395	Pens, pencils, office, and art supplies.....	-	34.2	34.1	32.5	32.5	-	24.8	24.7	23.0	22.8
396	Costume jewelry and notions.....	-	59.1	58.6	61.0	59.9	-	48.6	48.0	50.2	49.1
393,8,9	Other manufacturing industries.....	170.1	169.1	169.3	170.2	168.9	128.5	127.7	127.7	129.9	128.9
393	Musical instruments and parts.....	-	22.6	24.0	25.0	24.9	-	18.0	19.0	19.7	19.7
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	1,724.4	1,733.4	1,741.8	1,706.7	1,710.9	1,143.8	1,152.8	1,159.6	1,126.7	1,130.3
201	Meat products.....	332.1	334.6	337.5	329.3	330.8	267.5	269.5	272.2	263.9	265.0
2011	Meat packing plants.....	-	182.1	184.3	184.7	185.8	-	142.1	144.2	143.6	144.5
2013	Sausages and other prepared meats.....	-	58.9	58.9	57.8	58.1	-	42.3	42.4	41.8	42.0
2015	Poultry dressing plants.....	-	93.6	94.3	86.8	86.9	-	85.1	85.6	78.5	78.5
202	Dairy products.....	241.4	241.7	242.7	250.0	249.7	114.1	113.9	113.7	117.6	116.8
2024	Ice cream and frozen desserts.....	-	23.4	23.4	26.6	25.8	-	11.8	11.6	13.9	13.1
2026	Fluid milk.....	-	172.3	173.3	177.4	177.9	-	66.6	66.7	67.9	68.1
203	Canned, cured, and frozen foods.....	-	237.6	239.4	236.5	235.1	-	193.1	195.0	192.4	191.4
2031,6	Canned, cured, and frozen sea foods.....	-	40.3	37.5	38.2	38.7	-	35.3	32.2	33.4	33.9
2032,3	Canned food, except sea foods.....	-	110.1	111.3	112.5	115.9	-	84.4	85.8	87.2	90.7
2037	Frozen fruits and vegetables.....	-	56.5	59.6	54.7	49.9	-	49.4	52.8	47.7	43.1
204	Grain mill products.....	137.8	138.0	137.5	132.7	132.1	97.2	97.9	97.7	93.6	93.4
2041	Flour and other grain mill products.....	-	32.1	32.0	30.9	30.8	-	23.7	23.7	22.3	22.5
2042	Prepared feeds for animals and fowls....	-	65.2	64.8	61.4	61.2	-	43.4	43.2	40.3	40.1
205	Bakery products.....	272.2	273.5	274.5	273.8	273.2	160.2	161.5	162.6	159.4	158.8
2051	Bread, cake, and related products.....	-	226.9	228.1	230.3	230.6	-	123.0	124.5	123.8	123.9
2052	Cookies and crackers.....	-	46.6	46.4	43.5	42.6	-	38.5	38.1	35.6	34.9
206	Sugar.....	-	46.4	47.1	31.0	37.9	-	37.3	38.0	24.1	31.1
207	Confectionery and related products.....	83.6	85.6	86.3	82.0	82.7	68.0	70.0	70.6	67.1	67.4
2071	Confectionery products.....	-	69.7	70.1	66.8	67.2	-	58.2	58.5	55.9	56.0
208	Beverages.....	235.7	232.3	233.0	228.7	225.7	119.2	116.6	116.8	115.8	112.9
2082	Malt liquors.....	-	59.1	59.6	59.5	58.5	-	38.7	39.2	40.0	38.9
2086	Bottled and canned soft drinks.....	-	127.0	128.0	125.4	125.0	-	46.6	47.2	46.8	46.4
209	Misc. foods and kindred products.....	143.4	143.7	143.8	142.7	143.7	92.7	93.0	93.0	92.8	93.5
21	TOBACCO MANUFACTURES	74.1	77.2	78.8	75.6	79.3	60.8	64.0	65.8	62.9	66.6
211	Cigarettes.....	-	40.4	40.4	41.4	41.4	-	32.7	32.7	33.7	33.9
212	Cigars.....	-	18.7	18.8	19.8	20.0	-	17.0	17.1	18.3	18.5
22	TEXTILE MILL PRODUCTS	961.3	965.4	973.8	992.1	990.8	844.0	847.9	856.0	876.3	876.0
221	Weaving mills, cotton.....	222.7	223.8	225.2	228.5	230.2	202.3	203.6	204.8	207.9	209.8
222	Weaving mills, synthetics.....	98.2	99.5	101.1	102.1	101.9	86.7	87.9	89.7	91.5	91.5
223	Weaving and finishing mills, wool.....	42.9	42.6	42.6	45.3	44.9	36.7	36.4	36.6	38.9	38.6
224	Narrow fabric mills.....	30.9	30.9	31.4	31.7	31.7	27.4	27.3	27.8	28.3	28.2
225	Knitting mills.....	234.2	233.3	233.7	246.5	243.6	205.3	204.1	204.6	217.6	215.1
2251	Women's hosiery, except socks.....	-	63.4	64.4	65.6	65.8	-	57.0	58.1	59.7	59.8
2252	Hosiery, n e c.....	-	36.6	36.8	37.9	37.8	-	32.6	32.7	34.1	34.1
2253	Knit outerwear mills.....	-	63.7	62.9	72.3	70.0	-	54.0	53.3	62.1	60.1
2254	Knit underwear mills.....	-	32.5	32.8	34.2	34.1	-	28.7	29.0	30.3	30.2

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Nondurable Goods--Continued</i>											
TEXTILE MILL PRODUCTS--Continued											
226	Textile finishing, except wool	(*)	85.7	85.6	83.2	82.7	(*)	72.6	72.6	70.5	70.2
227	Floor covering mills	-	53.2	55.2	53.2	53.1	-	42.5	44.0	42.9	42.9
228	Yarn and thread mills	122.0	121.5	122.6	121.6	122.1	112.4	112.2	113.2	112.6	112.9
229	Miscellaneous textile goods	73.7	74.9	76.4	80.0	80.6	60.1	61.3	62.7	66.1	66.8
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,404.3	1,409.2	1,393.9	1,426.5	1,414.7	1,232.8	1,237.7	1,222.1	1,256.1	1,245.4
231	Men's and boys' suits and coats	132.5	134.3	134.9	136.9	136.0	115.4	117.0	117.7	120.2	119.1
232	Men's and boys' furnishings	379.1	377.4	374.1	370.1	367.7	335.9	334.3	331.3	328.6	326.7
2321	Men's and boys' shirts and nightwear ..	-	124.3	123.4	119.0	118.2	-	110.9	110.4	106.4	105.8
2327	Men's and boys' separate trousers	-	79.8	78.9	82.0	81.9	-	72.6	71.5	74.9	74.7
2328	Men's and boys' work clothing	-	87.4	87.2	85.2	84.2	-	75.3	75.2	73.8	73.0
233	Women's and misses' outerwear	440.5	442.0	431.5	440.3	435.2	392.1	394.3	383.9	392.2	387.3
2331	Women's and misses' blouses and waists ..	-	53.0	51.8	51.3	50.9	-	47.8	46.7	45.7	45.5
2335	Women's and misses' dresses	-	208.3	202.2	210.3	205.1	-	188.2	182.2	189.6	184.3
2337	Women's and misses' suits and coats	-	88.9	87.6	88.9	90.7	-	78.7	77.3	78.9	80.8
2339	Women's and misses' outerwear, n e c	-	91.8	89.9	89.8	88.5	-	79.6	77.7	78.0	76.7
234	Women's and children's undergarments	119.7	119.8	119.6	126.6	126.2	103.7	103.6	103.3	110.6	110.3
2341	Women's and children's underwear	-	83.5	82.6	85.9	85.1	-	73.5	72.7	76.2	75.5
2342	Corsets and allied garments	-	36.3	37.0	40.7	41.1	-	30.1	30.6	34.4	34.8
235	Hats, caps, and millinery	-	19.8	18.8	22.3	22.3	-	17.8	16.8	20.0	19.9
236	Children's outerwear	(*)	80.0	78.3	80.3	80.9	(*)	71.2	69.5	71.5	72.1
2361	Children's dresses and blouses	-	34.3	33.9	35.0	35.0	-	30.9	30.6	31.6	31.5
237,8	Fur goods and miscellaneous apparel	-	72.0	71.5	76.7	74.8	-	61.2	60.6	66.4	64.6
239	Misc. fabricated textile products	163.1	163.9	165.2	173.3	171.6	137.6	138.3	139.0	146.6	145.4
2391,2	Housefurnishings	-	61.5	62.3	63.3	62.7	-	52.6	53.6	54.2	53.8
26	PAPER AND ALLIED PRODUCTS	716.5	718.1	720.6	707.3	706.2	553.7	554.6	556.7	548.0	547.4
261,2,6	Paper and pulp mills	225.1	225.3	226.0	219.8	221.0	174.0	174.0	174.7	171.5	172.3
263	Paperboard mills	74.2	73.6	73.8	73.7	73.6	59.7	59.0	59.0	58.2	58.1
264	Misc. converted paper products	188.6	188.2	188.3	184.8	182.8	137.6	136.9	136.9	134.3	133.1
2643	Bags, except textile bags	-	43.3	43.2	43.1	42.7	-	35.1	34.9	34.7	34.5
265	Paperboard containers and boxes	228.6	231.0	232.5	229.0	228.8	182.4	184.7	186.1	184.0	183.9
2651,2	Folding and setup paperboard boxes	-	72.5	73.1	70.6	70.9	-	60.2	60.3	58.7	58.7
2653	Corrugated and solid fiber boxes	-	105.9	107.1	105.3	104.9	-	81.6	82.9	81.5	81.4
2654	Sanitary food containers	-	32.8	32.6	32.7	32.6	-	26.5	26.5	26.7	26.6
27	PRINTING AND PUBLISHING	1,102.8	1,102.9	1,100.6	1,077.0	1,073.6	683.3	682.6	681.1	673.0	669.7
271	Newspapers	368.8	369.0	367.9	362.8	362.9	180.1	179.8	179.2	178.2	177.9
272	Periodicals	-	78.8	79.1	77.6	77.2	-	27.1	27.7	27.7	27.8
273	Books	-	99.1	98.3	95.6	96.2	-	55.7	55.0	54.1	54.4
275	Commercial printing	354.0	353.3	352.0	344.2	341.5	273.7	272.8	272.0	268.5	265.9
2751	Commercial printing, ex. lithographic	-	217.3	216.3	211.3	209.0	-	169.5	168.8	166.5	164.3
2752	Commercial printing, lithographic	-	123.9	123.5	120.7	120.6	-	94.3	93.9	92.5	92.4
278	Blankbooks and bookbinding	(*)	59.8	60.6	56.8	56.4	(*)	49.2	50.1	47.1	46.6
274,6,7,9	Other publishing & printing ind.	143.3	142.9	142.7	140.0	139.4	97.7	98.0	97.1	97.4	97.1
28	CHEMICALS AND ALLIED PRODUCTS	1,049.5	1,049.4	1,046.2	1,043.2	1,036.9	609.1	608.0	606.9	620.2	616.1
281	Industrial chemicals	317.0	317.2	315.8	312.1	311.0	174.1	173.3	173.2	172.4	171.4
2812	Alkalies and chlorine	-	25.4	25.4	25.8	25.8	-	17.0	17.8	17.9	17.8
2818	Industrial organic chemicals, n e c	-	125.5	124.7	123.5	122.7	-	55.3	55.2	55.4	55.1
2819	Industrial inorganic chemicals, n e c	-	98.7	98.1	95.9	95.7	-	57.3	56.8	55.8	55.6
282	Plastics materials and synthetics	223.9	225.8	226.8	221.6	220.9	145.3	146.9	147.6	147.0	146.9
2821	Plastics materials and resins	-	98.0	98.3	96.0	95.5	-	59.5	59.7	59.5	59.2
2823,4	Synthetic fibers	-	114.6	115.2	112.5	112.4	-	78.6	79.0	79.1	79.3
283	Drugs	147.5	147.2	145.7	140.1	139.3	73.3	73.1	71.7	71.8	71.7
2834	Pharmaceutical preparations	-	115.5	114.4	109.4	108.9	-	56.8	55.6	54.9	55.0
284	Soap, cleaners, and toilet goods	124.5	124.1	123.4	119.9	119.2	71.5	71.4	71.0	71.3	70.9
2841	Soap and other detergents	-	39.8	40.0	39.5	39.5	-	25.7	25.8	26.0	26.0
2844	Toilet preparations	-	52.4	51.8	50.2	49.1	-	30.6	30.3	30.7	29.8
285	Paints and allied products	70.0	69.4	69.5	70.3	70.1	38.9	38.5	38.4	38.5	38.4
287	Agricultural chemicals	60.2	57.1	54.9	58.7	56.6	38.2	35.4	33.7	37.9	36.0
2871,2	Fertilizers, complete & mixing only	-	39.7	38.0	42.2	39.8	-	26.8	25.4	29.6	28.1
286,9	Other chemical products	106.4	108.6	110.1	120.5	119.8	67.8	69.4	71.3	81.3	80.8
2892	Explosives	-	37.4	38.9	47.9	47.9	-	27.1	28.7	37.0	37.0
29	PETROLEUM AND COAL PRODUCTS	191.0	189.5	189.1	183.9	166.3	116.6	115.4	115.3	112.4	98.3
291	Petroleum refining	154.2	153.7	153.4	148.7	131.4	90.7	90.4	90.5	87.8	73.8
295,9	Other petroleum and coal products	36.8	35.8	35.7	35.2	34.9	25.9	25.0	24.8	24.6	24.5

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Nondurable Goods--Continued</i>											
30	RUBBER AND PLASTICS PRODUCTS, NEC	571.3	575.1	580.5	575.8	574.9	438.5	442.5	448.1	446.2	446.5
301	Tires and inner tubes (*)	119.6	119.6	120.6	115.7	115.4	83.3	84.3	80.6	80.1	80.1
302,3,6	Other rubber products	175.3	175.5	178.4	185.5	185.2	136.4	136.7	139.5	145.6	145.8
302	Rubber footwear	-	23.7	23.5	26.1	26.0	-	20.0	19.9	22.0	22.0
307	Miscellaneous plastics products	279.6	280.0	281.5	274.6	274.3	221.8	222.5	224.3	220.0	220.6
31	LEATHER AND LEATHER PRODUCTS	332.6	334.3	336.7	348.5	352.2	284.0	285.8	287.8	299.6	303.0
311	Leather tanning and finishing	27.0	27.2	27.7	29.6	29.7	23.2	23.4	23.9	25.5	25.7
314	Footwear, except rubber	219.9	221.5	224.3	229.2	232.4	191.1	192.8	195.2	200.0	203.3
312,3,5-7,9	Other leather products	85.7	85.6	84.7	89.7	90.1	69.7	69.6	68.7	74.1	74.0
316	Luggage	-	19.7	20.1	20.8	20.7	-	15.4	15.7	16.7	16.5
317	Handbags and personal leather goods	-	35.9	34.6	37.6	38.3	-	30.3	29.1	32.0	32.4
TRANSPORTATION AND PUBLIC UTILITIES											
40	RAILROAD TRANSPORTATION	4,486	4,439	4,453	4,346	4,303	-	-	-	-	-
4011	Class I railroads ²	-	555.0	558.9	565.3	566.3	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT											
41	Local and suburban transportation	-	295.5	295.1	285.7	284.4	-	-	-	-	-
411	Taxicabs	-	80.1	79.7	79.6	82.0	-	75.7	75.2	75.3	77.8
412	Intercity highway transportation	-	114.4	114.3	111.4	110.3	-	-	-	-	-
413	Other intercity highway transportation	-	42.1	42.7	41.5	41.8	-	38.5	39.1	37.8	38.0
42	TRUCKING AND WAREHOUSING	-	1,072.0	1,073.9	1,056.1	1,039.9	-	967.7	970.1	954.9	938.1
421,3	Trucking and trucking terminals	-	987.0	988.0	976.2	960.6	-	894.6	895.7	885.4	869.7
422	Public warehousing	-	85.0	85.9	79.9	79.3	-	73.1	74.4	69.5	68.4
45	TRANSPORTATION BY AIR	-	347.6	354.5	328.9	341.4	-	-	-	-	-
451,2	Air transportation	-	313.8	320.4	295.8	307.9	-	-	-	-	-
46	PIPE LINE TRANSPORTATION	-	17.9	18.1	18.5	17.9	-	14.3	14.4	15.1	14.5
44,47	OTHER TRANSPORTATION AND SERVICES: WATER TRANSPORTATION	-	314.4	329.0	334.4	298.2	-	-	-	-	-
44	Water transportation	-	209.0	224.8	232.7	199.2	-	-	-	-	-
47	Transportation services	-	105.4	104.2	101.7	99.0	-	-	-	-	-
48	COMMUNICATION	-	1,104.1	1,092.5	1,031.3	1,024.4	-	868.0	858.9	809.4	803.1
481	Telephone communication	-	919.1	908.8	857.3	851.1	-	732.1	724.0	680.0	674.7
482	Telegraph communication ³	-	31.4	31.4	32.4	32.4	-	21.7	21.7	22.4	22.3
483	Radio and television broadcasting	-	135.9	134.9	126.4	125.9	-	107.8	106.9	101.5	100.9
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	665.8	665.2	652.8	654.3	-	571.5	571.6	561.2	564.4
491	Electric companies and systems	-	277.4	277.4	269.6	269.1	-	236.2	236.2	230.1	229.5
492	Gas companies and systems	-	156.9	156.6	156.8	157.0	-	133.5	133.3	133.7	133.9
493	Combination companies and systems	-	183.3	183.0	180.9	182.2	-	159.6	159.7	157.3	160.6
494-7	Water, steam, & sanitary systems	-	48.2	48.2	45.5	46.0	-	42.2	42.4	40.1	40.4
-	WHOLESALE AND RETAIL TRADE	14,667	14,602	14,709	14,201	14,097	13,032	12,962	13,065	12,610	12,517
50	WHOLESALE TRADE	3,827	3,828	3,834	3,678	3,666	3,217	3,219	3,220	3,088	3,079
501	Motor vehicles & automotive equipment	-	314.7	315.7	297.7	296.2	-	259.5	259.7	246.7	245.9
502	Drugs, chemicals, and allied products	-	239.4	238.3	229.6	229.3	-	194.9	193.8	190.1	189.7
503	Dry goods and apparel	-	151.0	150.6	147.0	145.5	-	119.1	118.4	117.1	115.9
504	Groceries and related products	-	549.7	554.0	526.0	521.3	-	480.3	485.2	457.8	454.0
506	Electrical goods	-	318.6	315.2	299.9	301.0	-	268.6	265.8	248.8	248.5
507	Hardware; plumbing & heating equipment	-	172.9	171.7	167.5	166.5	-	146.5	145.4	141.4	140.5
508	Machinery, equipment, and supplies	-	756.4	759.7	726.1	723.1	-	645.0	645.0	615.3	613.3
509	Miscellaneous wholesalers	-	1,246.7	1,248.0	1,205.4	1,200.8	-	1,039.6	1,039.5	1,006.1	1,003.6
52-59	RETAIL TRADE	10,840	10,774	10,875	10,523	10,431	9,815	9,743	9,845	9,522	9,438
53	RETAIL GENERAL MERCHANDISE	-	2,262.0	2,363.7	2,158.5	2,134.0	-	2,068.0	2,168.1	1,975.3	1,951.8
531	Department stores	-	1,484.1	1,565.6	1,416.8	1,400.1	-	1,359.9	1,439.0	1,298.0	1,282.5
532	Mail order houses	-	124.7	134.9	120.2	121.5	-	115.1	125.9	111.8	113.0
533	Variety stores	-	325.1	331.9	310.9	305.0	-	298.7	305.9	287.6	281.5
54	FOOD STORES	-	1,734.5	1,728.4	1,686.5	1,682.2	-	1,614.8	1,607.5	1,572.5	1,569.7
541-3	Grocery, meat, and vegetable stores	-	1,559.4	1,558.8	1,517.2	1,513.5	-	1,450.8	1,448.8	1,416.4	1,414.1

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
WHOLESALE AND RETAIL TRADE (Continued)											
56	APPAREL AND ACCESSORY STORES....		680.2	700.7	688.2	674.8	-	609.9	630.3	617.0	603.1
561	Men's & boys' clothing & furnishings.....		128.6	133.9	118.5	119.4	-	114.9	120.6	105.5	106.8
562	Women's ready-to-wear stores.....		249.1	258.7	255.7	248.2	-	223.4	233.0	230.0	222.8
565	Family clothing stores.....		102.7	106.0	106.0	105.3	-	95.5	99.1	98.8	97.2
566	Shoe stores.....		128.3	128.6	137.2	133.1	-	112.8	112.8	120.4	115.7
57	FURNITURE AND HOME FURNISHINGS STORES		440.1	443.9	438.8	437.2	-	384.2	388.2	384.6	383.0
571	Furniture and home furnishings.....		281.2	284.2	280.4	279.6	-	243.6	247.0	245.1	243.8
58	EATING AND DRINKING PLACES.....		2,323.2	2,297.4	2,286.7	2,241.7	-	2,167.8	2,142.9	2,135.7	2,091.1
52,55,59	OTHER RETAIL TRADE.....		3,334.2	3,340.9	3,264.3	3,260.8	-	2,898.3	2,907.8	2,837.3	2,839.0
52	Building materials and farm equipment...		529.6	531.7	528.2	522.0	-	451.0	453.0	450.6	445.3
55	Automotive dealers & service stations...		1,590.2	1,598.8	1,566.6	1,566.5	-	-	-	-	-
551,2	Motor vehicle dealers.....		771.8	775.4	767.1	766.2	-	652.6	656.3	650.1	647.6
553,9	Other automotive & accessory dealers...		219.8	223.2	212.4	210.5	-	188.6	192.4	181.9	179.6
554	Gasoline service stations.....		598.6	600.2	587.1	589.8	-	-	-	-	-
59	Miscellaneous retail stores.....		1,214.4	1,210.4	1,169.5	1,172.3	-	-	-	-	-
591	Drug stores and proprietary stores.....		430.8	434.5	428.8	430.2	-	383.4	387.0	384.7	385.8
594	Book and stationery stores.....		64.9	64.1	61.0	62.2	-	56.1	55.4	52.6	53.9
596	Farm and garden supply stores.....		110.5	108.0	108.7	106.2	-	-	-	-	-
598	Fuel and ice dealers.....		117.9	118.9	114.4	118.4	-	102.3	103.4	99.7	103.5
FINANCE, INSURANCE, AND REAL ESTATE¹.....											
		3,642	3,617	3,606	3,490	3,467	2,881	2,860	2,855	2,773	2,753
60	Banking.....	-	1,021.3	1,018.4	952.9	947.4	-	842.2	840.8	789.7	784.0
61	Credit agencies other than banks.....	-	368.9	368.4	355.9	354.3	-	288.2	287.6	278.4	277.1
617	Savings and loan associations.....	-	106.9	107.3	102.3	101.7	-	85.1	85.5	81.4	80.8
614	Personal credit institutions.....	-	194.9	195.0	190.8	190.2	-	-	-	-	-
62	Security, commodity brokers & services.....	-	205.1	205.4	216.3	212.9	-	175.2	177.4	191.7	188.9
63	Insurance carriers.....	-	1,047.4	1,040.3	1,006.2	1,001.3	-	738.7	732.3	704.1	700.8
631	Life insurance.....	-	540.4	536.3	522.4	520.1	-	321.5	318.3	307.4	305.9
632	Accident and health insurance.....	-	91.5	89.9	85.1	84.7	-	78.3	77.0	73.2	73.1
633	Fire, marine, and casualty insurance.....	-	370.5	369.0	353.6	351.6	-	301.3	299.4	285.6	284.1
64	Insurance agents, brokers, and service.....	-	278.3	275.9	264.5	261.8	-	-	-	-	-
65	Real estate.....	-	616.1	617.5	615.0	610.1	-	-	-	-	-
655	Subdividers and developers.....	-	73.9	74.0	74.6	73.6	-	-	-	-	-
656	Operative builders.....	-	39.9	41.0	43.1	42.1	-	-	-	-	-
66,67	Other finance, insurance, & real estate.....	-	79.8	79.8	79.6	79.1	-	-	-	-	-
SERVICES.....											
		11,311	11,234	11,133	10,913	10,792					
70	Hotels and other lodging places.....	700.3	699.2	689.6	691.7	681.2	-	-	-	-	-
701	Hotels, tourist courts, and motels.....	-	633.6	625.3	632.9	621.4	-	585.1	577.5	587.2	577.5
72	Personal services.....	1,006.7	1,003.3	1,005.3	1,016.6	1,012.7	-	-	-	-	-
721	Laundries and dry cleaning plants.....	-	511.4	516.9	528.8	528.5	-	464.4	469.4	481.1	480.7
722	Photographic studios.....	-	42.2	41.1	41.2	40.8	-	36.1	34.9	36.0	35.7
73	Miscellaneous business services.....	-	1,498.9	1,503.9	1,450.3	1,438.2	-	-	-	-	-
731	Advertising.....	-	118.7	118.5	117.9	117.3	-	-	-	-	-
732	Credit reporting and collection.....	-	73.8	74.8	72.6	71.9	-	-	-	-	-
734	Services to buildings.....	-	269.5	266.0	250.5	249.4	-	-	-	-	-
76	Miscellaneous repair services.....	-	184.9	183.7	181.5	181.1	-	-	-	-	-
78	Motion pictures.....	-	186.2	192.6	197.6	196.4	-	-	-	-	-
781	Motion picture filming & distributing.....	-	42.7	46.8	47.7	51.5	-	26.8	30.4	30.3	32.5
782,3	Motion picture theaters and services.....	-	143.5	145.8	149.9	144.9	-	-	-	-	-
80	Medical and other health services.....	3,006.1	2,987.8	2,965.4	2,789.5	2,772.1	-	-	-	-	-
806	Hospitals.....	-	1,838.4	1,823.8	1,736.1	1,725.8	-	-	-	-	-
81	Legal services.....	-	227.3	226.5	213.7	212.6	-	-	-	-	-
82	Educational services.....	1,192.5	1,187.5	1,154.8	1,164.7	1,157.6	-	-	-	-	-
821	Elementary and secondary schools.....	-	398.2	395.7	390.7	389.1	-	-	-	-	-
822	Colleges and universities.....	-	692.4	663.9	675.0	670.4	-	-	-	-	-
89	Miscellaneous services.....	-	639.4	631.6	600.6	598.8	-	-	-	-	-
891	Engineering & architectural services.....	-	299.4	298.1	293.7	292.1	-	-	-	-	-
892	Nonprofit research agencies.....	-	94.0	93.3	94.4	93.6	-	-	-	-	-

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
	GOVERNMENT	12,738	12,622	12,489	12,279	12,244					
91	FEDERAL GOVERNMENT ⁵	2,773	2,694	2,690	2,737	2,739	-				
	Executive	-	2,658.3	2,654.1	2,701.9	2,704.2	-	-	-	-	-
	Department of Defense	-	1,069.1	1,075.7	1,129.0	1,130.4	-	-	-	-	-
	Post Office Department	-	724.8	725.2	718.5	718.4	-	-	-	-	-
	Other agencies	-	864.4	853.2	854.4	855.4	-	-	-	-	-
	Legislative	-	29.1	28.9	28.4	28.3	-	-	-	-	-
	Judicial	-	6.8	6.7	6.6	6.6	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	9,965	9,928	9,799	9,542	9,505					
92	State government	-	2,641.0	2,620.0	2,548.7	2,533.7	-	-	-	-	-
	State education	-	1,123.5	1,113.2	1,082.0	1,067.3	-	-	-	-	-
	Other State government	-	1,517.5	1,506.8	1,466.7	1,466.4	-	-	-	-	-
93	Local government	-	7,287.0	7,178.7	6,993.0	6,971.1	-	-	-	-	-
	Local education	-	4,187.8	4,110.4	4,027.3	4,015.4	-	-	-	-	-
	Other local government	-	3,099.2	3,068.3	2,965.7	2,955.7	-	-	-	-	-

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.

*Not available.

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

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
1969.....	133.5	81.6	118.2	121.2	109.1	134.1	130.1	135.5	140.7	161.0	155.8	124.5	168.1
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
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
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
June....	133.8	80.8	120.1	121.7	109.6	134.3	130.3	135.7	140.6	160.5	156.2	126.0	168.1
July....	133.7	81.7	118.9	122.5	110.0	134.3	130.3	135.8	141.0	160.5	155.9	125.4	167.9
August....	134.2	81.9	118.1	122.5	110.0	134.6	130.4	136.1	141.5	161.3	156.0	124.3	168.4
September	134.0	81.9	118.5	121.7	109.9	134.7	130.8	136.2	141.7	161.7	155.6	124.2	168.0
October..	134.5	81.9	118.4	121.4	109.9	135.6	131.5	137.1	142.1	163.1	157.0	123.3	170.3
November.	134.5	82.1	119.9	120.5	110.0	135.8	131.7	137.3	142.8	163.4	157.3	122.9	170.8
December.	134.6	82.5	119.8	120.5	110.1	135.3	132.5	136.3	143.2	163.8	158.0	122.9	171.8
1970: January..	134.8	82.3	115.5	120.3	110.9	136.8	133.5	138.0	144.3	164.6	158.4	122.6	172.4
February..	135.2	82.3	118.3	119.8	110.7	137.2	133.9	138.4	144.4	165.6	159.2	122.9	173.5
March....	135.2	82.1	118.9	119.4	111.4	136.6	133.9	137.6	145.0	165.9	160.4	126.2	173.8

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.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	1970			1969									
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
TOTAL . . .	71,033	70,990	70,818	70,679	70,635	70,651	70,390	70,500	70,247	70,300	70,013	69,789	69,710
MINING	632	634	634	635	632	631	631	631	629	622	622	624	626
CONTRACT CONSTRUCTION	3,432	3,416	3,334	3,459	3,461	3,418	3,420	3,410	3,434	3,466	3,407	3,363	3,374
MANUFACTURING	19,824	19,880	19,965	20,007	20,004	20,156	20,197	20,334	20,164	20,198	20,118	20,111	20,122
DURABLE GOODS	11,590	11,606	11,663	11,738	11,740	11,932	11,965	12,081	11,912	11,931	11,874	11,868	11,881
Ordnance and accessories	281	284	290	299	304	306	314	325	332	337	342	343	346
Lumber and wood products	578	581	591	591	591	589	595	598	600	607	610	604	608
Furniture and fixtures	479	481	486	486	488	491	492	493	491	496	496	496	494
Stone, clay, and glass products	655	663	661	664	664	662	660	659	658	662	656	658	664
Primary metal industries	1,329	1,344	1,353	1,371	1,378	1,381	1,378	1,361	1,348	1,347	1,333	1,326	1,332
Fabricated metal products	1,438	1,445	1,452	1,459	1,456	1,456	1,468	1,465	1,456	1,456	1,453	1,450	1,451
Machinery, except electrical	2,018	2,021	2,018	2,025	2,012	2,030	2,020	2,005	2,007	2,010	1,999	1,999	1,993
Electrical equipment	2,031	2,041	1,948	1,952	1,958	2,076	2,075	2,076	2,070	2,063	2,058	2,046	2,036
Transportation equipment	1,877	1,837	1,951	1,972	1,983	2,030	2,054	2,183	2,032	2,035	2,009	2,029	2,042
Instruments and related products	462	464	466	468	468	469	469	473	471	473	474	472	470
Miscellaneous manufacturing	442	445	447	451	438	442	440	443	447	445	444	445	445
NONDURABLE GOODS	8,234	8,274	8,302	8,269	8,264	8,224	8,232	8,253	8,252	8,267	8,244	8,243	8,241
Food and kindred products	1,811	1,825	1,814	1,803	1,808	1,777	1,791	1,797	1,787	1,789	1,793	1,795	1,793
Tobacco manufactures	81	80	80	76	78	78	80	83	81	81	82	81	83
Textile mill products	964	973	986	982	979	977	979	979	988	990	987	991	995
Apparel and other textile products	1,395	1,404	1,421	1,414	1,409	1,410	1,412	1,414	1,423	1,429	1,426	1,425	1,417
Paper and allied products	723	725	726	724	722	720	718	718	716	717	714	710	714
Printing and publishing	1,104	1,106	1,106	1,102	1,103	1,099	1,093	1,089	1,084	1,083	1,075	1,078	1,078
Chemicals and allied products	1,052	1,057	1,056	1,055	1,053	1,050	1,051	1,052	1,054	1,055	1,046	1,044	1,045
Petroleum and coal products	195	194	194	193	193	191	189	190	191	191	190	190	187
Rubber and plastics products, nec	575	577	581	581	581	583	583	586	585	584	581	579	579
Leather and leather products	334	333	338	339	338	339	336	345	343	348	350	350	350
TRANSPORTATION AND PUBLIC UTILITIES	4,540	4,511	4,521	4,489	4,484	4,480	4,480	4,484	4,483	4,467	4,444	4,439	4,399
WHOLESALE AND RETAIL TRADE	14,916	14,985	14,939	14,773	14,836	14,809	14,716	14,702	14,671	14,665	14,609	14,533	14,508
WHOLESALE TRADE	3,877	3,878	3,865	3,837	3,815	3,807	3,787	3,776	3,773	3,774	3,758	3,737	3,726
RETAIL TRADE	11,039	11,107	11,074	10,936	11,021	11,002	10,929	10,926	10,898	10,891	10,851	10,796	10,782
FINANCE, INSURANCE, AND REAL ESTATE	3,668	3,654	3,650	3,623	3,613	3,595	3,586	3,581	3,568	3,557	3,541	3,531	3,515
SERVICES	11,437	11,417	11,349	11,297	11,264	11,244	11,150	11,120	11,067	11,066	11,065	11,044	11,034
Hotels and other lodging places	754	753	754	749	742	740	721	704	706	724	730	741	745
Personal services	1,016	1,018	1,015	1,017	1,021	1,025	1,026	1,026	1,030	1,026	1,025	1,024	1,026
Medical and other health services	3,012	2,994	2,980	2,956	2,936	2,917	2,897	2,874	2,861	2,850	2,831	2,813	2,795
Educational services	1,143	1,141	1,117	1,121	1,118	1,113	1,092	1,094	1,099	1,102	1,120	1,119	1,117
GOVERNMENT	12,584	12,493	12,426	12,396	12,341	12,318	12,210	12,238	12,231	12,259	12,207	12,144	12,132
FEDERAL	2,795	2,721	2,714	2,720	2,721	2,729	2,749	2,752	2,777	2,790	2,754	2,758	2,759
STATE AND LOCAL	9,789	9,772	9,712	9,676	9,620	9,589	9,461	9,486	9,454	9,469	9,453	9,386	9,373

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

(In thousands)

Major industry group	1970				1969								
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
TOTAL	17,799	17,831	17,833	17,992	17,989	18,094	18,137	18,267	18,142	18,203	18,092	18,054	18,101
MINING	481	485	484	484	482	482	484	483	481	473	474	476	477
CONTRACT CONSTRUCTION	2,887	2,879	2,807	2,926	2,919	2,880	2,881	2,862	2,889	2,919	2,878	2,839	2,853
MANUFACTURING	14,431	14,467	14,542	14,582	14,588	14,732	14,772	14,922	14,772	14,811	14,740	14,739	14,771
DURABLE GOODS	8,370	8,369	8,417	8,487	8,492	8,674	8,701	8,823	8,668	8,687	8,630	8,634	8,654
Ordnance and accessories	152	153	156	163	167	168	173	181	187	188	192	193	197
Lumber and wood products	498	500	512	511	510	509	516	518	520	528	530	525	528
Furniture and fixtures	396	399	403	402	404	408	408	410	408	411	412	413	410
Stone, clay, and glass products	521	529	526	531	530	531	529	527	526	532	526	529	535
Primary metal industries	1,055	1,067	1,081	1,097	1,104	1,109	1,106	1,087	1,077	1,076	1,062	1,057	1,063
Fabricated metal products	1,098	1,104	1,113	1,119	1,116	1,117	1,127	1,128	1,122	1,122	1,121	1,118	1,121
Machinery, except electrical	1,374	1,377	1,376	1,381	1,372	1,387	1,380	1,366	1,369	1,377	1,366	1,370	1,363
Electrical equipment and supplies	1,352	1,356	1,263	1,269	1,278	1,389	1,383	1,387	1,388	1,379	1,381	1,369	1,364
Transportation equipment	1,297	1,252	1,354	1,375	1,385	1,423	1,447	1,582	1,430	1,434	1,399	1,420	1,432
Instruments and related products	283	284	283	286	286	288	289	292	291	292	294	292	292
Miscellaneous manufacturing industries	344	348	350	353	340	345	343	345	350	348	347	348	349
NONDURABLE GOODS	6,061	6,098	6,125	6,095	6,096	6,058	6,071	6,099	6,104	6,124	6,110	6,105	6,117
Food and kindred products	1,226	1,240	1,226	1,214	1,217	1,185	1,199	1,204	1,197	1,201	1,206	1,205	1,208
Tobacco manufactures	67	67	67	63	65	65	67	70	68	69	69	68	69
Textile mill products	847	855	867	863	862	860	862	863	873	873	871	875	880
Apparel and other textile products	1,223	1,230	1,247	1,241	1,238	1,238	1,239	1,242	1,248	1,255	1,255	1,252	1,246
Paper and allied products	560	562	562	561	558	557	557	557	555	556	554	549	555
Printing and publishing	683	685	686	685	685	683	678	676	675	674	669	672	673
Chemicals and allied products	608	612	613	614	614	613	614	619	620	623	617	617	620
Petroleum and coal products	120	119	119	118	119	118	117	118	119	119	118	118	116
Rubber and plastics products, nec	442	444	449	446	449	450	451	454	455	455	451	449	449
Leather and leather products	285	284	289	290	289	289	287	296	294	299	300	300	301

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		
		Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
1	ALABAMA ¹	996.5	997.1	973.4	8.4	8.4	8.0	48.0	47.9	47.2	323.1	323.6	316.5
2	Birmingham	257.8	257.7	249.5	5.5	5.5	5.3	14.3	14.4	14.2	72.5	72.3	69.9
3	Huntsville	77.1	77.1	75.8	(2)	(2)	(2)	2.4	2.4	3.1	13.0	12.8	11.6
4	Mobile ¹	106.3	106.7	100.2	(2)	(2)	(2)	6.6	6.7	6.1	25.5	25.7	23.4
5	Montgomery	67.7	67.9	66.1	(2)	(2)	(2)	4.6	4.6	4.8	10.6	10.6	10.1
6	Tuscaloosa	37.0	36.6	35.7	(2)	(2)	(2)	2.2	2.3	1.7	10.1	10.0	10.0
7	ALASKA	80.4	79.9	74.8	3.2	3.1	2.9	4.6	4.6	3.7	4.4	4.5	4.2
8	ARIZONA	540.4	538.4	498.8	19.4	19.3	17.8	33.7	33.8	29.4	96.1	96.5	90.0
9	Phoenix	323.8	322.6	298.9	.2	.2	.2	19.5	19.5	16.4	75.8	76.4	72.2
10	Tucson	104.9	103.5	95.0	6.0	5.9	5.4	9.5	9.4	8.7	9.4	9.3	7.6
11	ARKANSAS	527.1	525.5	515.9	4.2	4.3	4.5	27.5	26.6	26.4	165.7	166.5	163.0
12	Fayetteville	24.8	24.7	24.3	(2)	(2)	(2)	1.1	1.0	1.3	7.1	7.1	6.8
13	Fort Smith	44.0	43.7	44.1	.5	.5	.5	2.5	2.3	2.8	15.8	15.7	15.9
14	Little Rock-North Little Rock	121.9	121.2	118.1	(2)	(2)	(2)	7.2	6.9	7.3	28.1	28.0	26.1
15	Pine Bluff	24.3	24.3	24.4	(2)	(2)	(2)	1.0	1.0	1.3	5.6	5.6	5.8
16	CALIFORNIA	6,894.1	6,905.2	6,712.7	31.9	31.9	31.8	283.9	286.9	264.8	1,587.5	1,599.5	1,622.2
17	Anaheim-Santa Ana-Garden Grove	410.4	409.7	390.8	2.0	2.0	2.1	21.2	21.8	17.9	124.2	125.1	129.0
18	Bakersfield	89.1	89.7	87.0	6.9	6.8	7.0	4.8	5.1	5.0	8.3	8.3	7.8
19	Fresno	111.0	112.2	107.1	.7	.7	.7	4.4	4.5	3.9	15.8	16.4	15.6
20	Los Angeles-Long Beach	2,896.3	2,901.3	2,845.5	11.6	11.7	11.7	103.5	104.4	97.4	850.6	855.2	878.1
21	Modesto-Turlock	49.6	50.4	49.5	.1	.1	.1	2.8	2.8	2.7	10.5	10.8	11.6
22	Oxnard-Ventura	88.4	88.8	87.2	1.9	1.9	1.8	3.8	3.9	3.6	13.8	14.2	14.3
23	Sacramento	253.4	253.1	249.5	.2	.2	.2	9.4	9.1	8.2	20.8	20.9	23.6
24	Salinas-Monterey	58.1	58.7	56.2	.4	.4	.4	2.3	2.4	2.3	6.5	6.7	6.4
25	San Bernardino-Riverside-Ontario	293.6	291.0	282.0	2.3	2.3	2.2	13.3	13.5	12.5	53.1	51.7	52.1
26	San Diego	379.6	379.6	360.4	.5	.5	.5	20.7	21.0	19.2	69.6	69.9	67.8
27	San Francisco-Oakland	1,247.3	1,251.8	1,219.9	1.7	1.7	1.7	60.6	60.4	55.6	196.1	200.7	200.4
28	San Jose	364.3	364.7	355.5	.1	.1	.1	15.5	15.8	14.4	119.2	119.3	123.3
29	Santa Barbara	80.6	80.6	77.0	1.0	1.0	.9	4.1	4.4	3.9	10.3	10.2	9.8
30	Santa Rosa	47.5	47.9	45.3	.3	.3	.2	2.1	2.2	1.9	6.4	6.5	6.5
31	Stockton	83.7	84.6	81.9	.1	.1	.1	2.5	2.6	2.6	15.7	15.7	14.9
32	Vallejo-Napa	65.2	65.1	65.1	.1	.1	.2	1.8	1.8	1.6	5.9	5.8	6.2
33	COLORADO	712.3	711.0	688.1	13.8	13.8	13.1	37.5	36.5	33.9	113.1	114.2	108.7
34	Denver	461.2	459.9	445.5	4.5	4.6	4.5	26.4	25.4	23.3	81.6	82.4	78.4
35	CONNECTICUT	1,194.0	1,194.9	1,159.2	(3)	(3)	(3)	49.8	50.7	44.0	471.3	472.9	476.4
36	Bridgeport ¹	152.9	152.7	151.3	(3)	(3)	(3)	5.1	5.2	5.1	73.6	73.8	77.1
37	Hartford ¹	320.5	321.6	321.8	(3)	(3)	(3)	12.8	13.3	11.5	106.0	106.8	110.4
38	New Britain ¹	46.6	46.6	46.3	(3)	(3)	(3)	1.4	1.4	1.4	25.0	25.0	25.3
39	New Haven ¹	154.1	154.4	153.1	(3)	(3)	(3)	6.6	6.6	6.6	44.1	45.0	45.7
40	Stamford ¹	79.2	79.6	76.2	(3)	(3)	(3)	3.3	3.4	3.3	27.4	27.5	27.3
41	Waterbury ¹	78.7	79.0	78.8	(3)	(3)	(3)	2.9	2.9	2.7	38.9	39.2	41.3
42	DELAWARE ¹	202.7	207.4	198.8	(2)	(2)	(2)	12.6	12.0	11.9	68.9	73.3	68.5
43	Wilmington ¹	182.7	187.8	179.1	(2)	(2)	(2)	11.5	11.2	10.9	66.5	71.1	65.1
44	DISTRICT OF COLUMBIA ^{1 4}	(*)	675.5	670.8	(*)	(2)	(2)	(*)	14.9	18.3	(*)	19.8	20.2
45	Washington SMSA ¹	(*)	1,109.5	1,087.0	(*)	(2)	(2)	(*)	60.1	62.8	(*)	44.8	44.7
46	FLORIDA	2,172.3	2,173.7	2,066.0	7.9	7.9	8.1	170.0	170.0	156.7	335.9	335.6	332.7
47	Fort Lauderdale-Hollywood	(*)	181.0	163.3	(*)	(2)	(2)	(*)	28.5	21.0	(*)	20.7	20.9
48	Jacksonville ¹	(*)	190.9	185.7	(*)	(2)	(2)	(*)	13.3	13.1	(*)	23.5	24.4
49	Miami	(*)	505.5	484.2	(*)	(2)	(2)	(*)	33.5	31.7	(*)	80.0	76.4
50	Orlando	(*)	137.2	129.6	(*)	(2)	(2)	(*)	12.6	10.5	(*)	22.2	22.5
51	Pensacola	(*)	67.2	65.3	(*)	(2)	(2)	(*)	4.9	5.0	(*)	14.5	14.4
52	Tampa-St. Petersburg	(*)	304.0	292.3	(*)	(2)	(2)	(*)	23.3	22.0	(*)	54.1	54.0
53	West Palm Beach	(*)	116.3	106.1	(*)	(2)	(2)	(*)	13.2	10.6	(*)	20.4	19.0
54	GEORGIA	1,520.7	1,527.9	1,489.5	6.8	6.8	6.6	75.1	74.6	76.3	465.6	474.1	471.7
55	Atlanta	600.1	606.5	582.0	(2)	(2)	(2)	30.1	30.0	33.3	126.0	133.1	127.1

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			
Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	
56.0	56.0	52.8	185.7	187.9	178.4	41.3	41.1	40.2	126.2	125.6	125.6	207.8	206.6	204.7	1
18.6	18.5	18.1	59.8	60.1	56.9	17.6	17.4	16.9	35.9	35.8	34.5	33.6	33.7	33.7	2
1.9	1.9	1.8	12.0	12.1	11.6	2.0	2.0	1.9	16.4	16.4	17.0	29.4	29.5	28.8	3
10.8	10.7	8.6	25.1	25.3	24.6	5.0	5.0	4.8	16.1	16.2	15.6	17.2	17.1	17.1	4
4.5	4.5	4.2	14.9	15.1	14.8	4.5	4.5	4.2	10.3	10.3	10.2	18.3	18.3	17.8	5
1.5	1.5	1.5	6.0	6.1	6.1	1.1	1.1	1.1	3.4	3.4	3.3	12.7	12.2	12.0	6
7.2	7.1	7.3	14.0	14.0	12.4	2.7	2.7	2.5	10.8	10.7	9.6	33.5	33.2	32.2	7
29.1	29.0	27.5	125.2	125.1	111.7	29.0	28.8	25.6	90.8	90.1	82.9	117.1	115.8	113.9	8
17.1	17.0	16.0	81.2	81.1	72.0	21.4	21.3	18.9	53.3	52.8	49.4	55.3	54.3	53.8	9
5.7	5.7	5.4	23.3	23.3	20.4	4.6	4.5	3.9	19.0	18.7	17.7	27.4	26.7	25.9	10
31.3	31.4	30.5	102.9	102.6	100.8	20.4	20.4	19.8	72.2	71.2	70.0	102.9	102.5	100.9	11
2.2	2.2	2.2	4.8	4.8	4.6	.6	.6	.6	3.3	3.3	3.1	5.7	5.7	5.7	12
2.7	2.6	2.6	8.5	8.7	8.7	1.4	1.4	1.4	6.6	6.5	6.3	6.0	6.0	5.9	13
9.5	9.5	9.2	26.3	26.1	25.7	8.7	8.7	8.3	18.2	18.1	17.8	23.9	23.9	23.7	14
3.2	3.2	3.0	4.6	4.6	4.5	.9	.9	.9	3.2	3.2	3.1	5.8	5.8	5.8	15
457.7	459.0	450.8	1,500.6	1,514.4	1,431.2	374.6	372.8	356.2	1,240.0	1,231.3	1,178.0	1,417.9	1,409.4	1,377.7	16
13.6	13.6	12.3	96.6	96.8	87.4	19.5	19.4	18.4	66.7	65.7	61.6	66.6	65.3	62.1	17
6.1	6.2	6.0	19.8	20.1	19.2	3.6	3.6	3.3	13.9	13.9	13.4	25.7	25.7	25.3	18
7.5	7.5	7.5	28.3	28.6	27.4	5.4	5.4	5.2	20.6	20.8	19.9	28.3	28.3	26.9	19
178.4	178.4	175.7	634.5	639.4	608.7	165.6	165.0	159.1	535.0	532.6	513.2	417.1	414.6	401.6	20
2.8	2.8	2.7	11.4	11.8	11.1	1.5	1.5	1.4	9.6	9.6	8.8	10.9	11.0	11.1	21
4.1	4.1	4.0	19.3	19.4	18.2	3.1	3.1	3.0	13.9	13.7	13.6	28.5	28.5	28.7	22
17.5	17.6	17.4	51.6	52.6	49.7	10.2	10.2	10.2	36.6	36.3	35.2	107.1	106.2	105.0	23
4.0	4.0	4.0	14.1	14.7	13.5	2.4	2.4	2.3	11.2	11.1	10.6	17.2	17.0	16.7	24
17.4	17.4	17.2	65.4	65.4	61.8	9.9	9.9	9.6	56.2	55.3	53.3	76.0	75.5	73.3	25
20.0	20.0	18.8	83.3	83.6	77.3	17.9	17.8	16.5	70.5	69.9	66.6	97.1	96.9	93.7	26
133.1	133.4	132.5	268.2	270.8	258.5	97.4	97.0	93.0	218.1	216.2	207.6	272.1	271.6	270.6	27
15.8	15.7	15.3	68.9	70.1	63.9	13.1	13.0	12.5	72.0	71.6	69.7	59.7	59.1	56.3	28
3.6	3.6	3.6	16.9	17.0	16.3	3.1	3.1	2.9	19.8	19.5	18.8	21.8	21.8	20.8	29
2.6	2.6	2.5	11.1	11.3	10.8	3.2	3.2	3.0	8.5	8.5	7.9	13.3	13.3	12.5	30
6.3	6.7	6.6	18.6	18.9	17.7	2.9	2.9	2.8	13.8	13.9	13.1	23.9	23.9	24.2	31
3.4	3.5	3.5	11.2	11.1	11.0	1.9	1.9	1.8	10.4	10.3	10.0	30.5	30.6	30.8	32
50.3	50.4	49.1	167.4	167.4	161.5	37.2	37.0	36.3	123.6	123.4	119.6	169.4	168.3	165.9	33
35.2	35.3	34.3	114.2	114.1	110.1	28.6	28.4	27.8	83.1	82.9	81.0	87.6	86.8	86.1	34
54.2	54.5	50.6	219.9	219.9	206.5	70.9	70.0	67.2	174.5	174.5	167.0	153.5	152.4	147.5	35
6.2	6.2	6.1	28.8	28.6	26.0	4.7	4.7	4.5	20.4	20.2	19.2	14.1	14.0	13.4	36
11.9	11.8	11.5	60.0	60.5	57.0	41.6	41.5	39.1	44.6	44.4	41.9	43.5	43.3	41.3	37
1.8	1.8	1.6	7.4	7.4	7.0	1.2	1.2	1.1	5.3	5.3	5.0	4.7	4.7	4.9	38
13.5	13.7	13.6	30.6	30.7	30.2	8.0	8.0	7.7	31.7	31.6	30.3	19.6	18.9	19.0	39
3.3	3.3	2.9	16.7	17.0	15.9	4.3	4.3	4.1	16.2	16.2	15.1	8.0	7.9	7.5	40
3.2	3.2	3.1	12.9	13.0	11.5	2.1	2.1	2.0	10.2	10.1	9.9	8.6	8.5	8.3	41
10.5	10.7	10.8	41.6	42.1	41.0	8.7	8.7	8.6	28.4	28.4	27.9	32.0	32.2	30.1	42
9.3	9.4	9.5	35.3	35.8	35.3	7.7	7.7	7.7	25.7	25.7	25.3	26.7	26.9	25.3	43
(*)	30.9	30.7	(*)	82.9	84.3	(*)	32.2	31.3	(*)	135.9	129.3	(*)	358.9	356.7	44
(*)	59.5	57.4	(*)	220.1	214.6	(*)	63.8	61.1	(*)	238.3	229.6	(*)	422.9	416.8	45
151.6	156.5	140.7	572.6	573.6	541.6	128.7	127.8	119.4	408.9	407.3	386.8	396.7	395.0	380.0	46
(*)	9.6	8.0	(*)	48.4	46.5	(*)	11.1	9.8	(*)	38.2	34.2	(*)	24.5	22.9	47
(*)	21.2	18.0	(*)	52.8	51.2	(*)	18.3	17.1	(*)	28.4	28.5	(*)	33.4	33.4	48
(*)	55.4	52.2	(*)	133.3	126.9	(*)	31.9	30.5	(*)	114.4	110.0	(*)	57.0	56.5	49
(*)	8.4	7.5	(*)	40.0	37.6	(*)	9.2	8.5	(*)	23.3	22.8	(*)	21.5	20.2	50
(*)	3.3	3.2	(*)	15.0	13.5	(*)	2.5	2.5	(*)	8.7	8.4	(*)	18.3	18.3	51
(*)	20.9	19.3	(*)	88.0	84.1	(*)	17.6	16.5	(*)	56.4	54.6	(*)	43.7	41.8	52
(*)	5.0	4.6	(*)	29.4	27.3	(*)	7.5	6.3	(*)	24.6	22.7	(*)	16.2	15.6	53
106.5	106.5	97.8	322.7	324.0	311.4	72.6	72.7	70.1	177.6	177.3	173.5	293.8	291.9	282.1	54
59.5	59.3	54.9	163.4	164.2	155.1	41.3	41.4	39.6	87.0	86.8	85.1	92.8	91.7	86.9	55

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
GEORGIA (continued)													
1	Augusta	87.7	88.2	87.0	(2)	(2)	(2)	5.5	5.5	5.2	30.3	30.8	31.2
2	Columbus	69.9	69.9	69.9	(2)	(2)	(2)	4.3	4.2	3.9	19.4	19.4	20.0
3	Macon	77.7	78.3	77.1	(2)	(2)	(2)	5.0	4.9	4.0	14.6	15.0	15.0
4	Savannah	67.6	68.1	64.4	(2)	(2)	(2)	4.1	4.1	3.7	17.3	17.4	17.3
5	HAWAII	(*)	279.9	266.1	(*)	(2)	(2)	(*)	23.8	21.1	(*)	23.1	24.4
6	Honolulu	(*)	238.6	226.3	(*)	(2)	(2)	(*)	21.3	18.7	(*)	16.6	17.1
7	IDAHO	196.1	197.3	190.7	3.4	3.4	3.4	7.4	7.6	6.9	39.0	40.0	39.0
8	Boise	38.3	38.2	36.3	(2)	(2)	(2)	1.9	1.9	1.8	4.4	4.4	4.2
9	ILLINOIS ¹	4,323.9	4,326.3	4,270.0	22.0	22.3	22.1	170.6	169.6	166.9	1,372.2	1,372.9	1,398.8
10	Chicago	(*)	3,015.3	2,951.9	(*)	4.7	4.9	(*)	118.3	113.1	(*)	973.0	976.9
11	Chicago-Northwestern Indiana	(*)	(*)	3,182.1	(*)	(*)	4.7	(*)	(*)	128.7	(*)	(*)	1,077.6
12	Davenport-Rock Island-Moline	(*)	(*)	134.6	(*)	(*)	(3)	(*)	(*)	6.5	(*)	(*)	46.9
13	Peoria	(*)	(*)	127.8	(*)	(*)	(3)	(*)	(*)	6.9	(*)	(*)	47.7
14	Rockford	(*)	(*)	110.6	(*)	(*)	(3)	(*)	(*)	4.3	(*)	(*)	57.9
15	INDIANA	1,833.7	1,824.1	1,836.9	6.6	6.5	6.8	74.7	72.9	74.7	721.3	718.4	744.5
16	Evansville	87.4	87.6	87.0	1.5	1.5	1.5	3.9	3.8	3.9	33.5	33.6	33.8
17	Fort Wayne ¹	119.4	113.0	115.2	(2)	(2)	(2)	4.8	4.8	5.0	45.7	39.6	44.8
18	Gary-Hammond-East Chicago ^{1 5}	223.1	221.2	213.2	(2)	(2)	(2)	15.2	14.6	13.0	107.1	107.9	103.4
19	Indianapolis	423.7	426.8	416.4	(2)	(2)	(2)	20.3	20.0	17.4	135.3	137.1	137.7
20	Muncie ¹	47.3	47.3	46.2	(2)	(2)	(2)	1.6	1.7	1.7	19.5	19.4	19.1
21	South Bend	93.3	94.3	95.8	(2)	(2)	(2)	3.5	3.5	3.5	34.0	34.6	36.8
22	Terre Haute ¹	54.4	54.2	52.6	1.0	1.0	.9	1.7	1.7	1.6	15.6	15.5	14.8
23	IOWA ¹	872.2	871.3	854.8	2.8	2.7	2.5	32.4	32.7	32.5	218.7	220.2	224.8
24	Cedar Rapids	65.9	66.4	65.7	(2)	(2)	(2)	2.1	2.1	2.5	27.0	27.3	27.8
25	Des Moines	129.1	129.1	125.5	(2)	(2)	(2)	5.8	5.7	5.0	26.9	26.9	26.8
26	Dubuque	34.3	34.2	32.4	(2)	(2)	(2)	1.5	1.5	1.3	14.4	14.4	13.7
27	Sioux City	39.9	39.7	40.6	(2)	(2)	(2)	1.7	1.7	1.7	8.5	8.5	10.0
28	Waterloo	50.2	50.2	49.8	(2)	(2)	(2)	2.0	2.1	2.0	19.3	19.3	20.2
29	KANSAS	674.5	677.7	675.0	11.6	11.6	11.4	33.5	32.4	29.7	134.3	142.0	146.8
30	Topeka	62.3	61.9	59.6	.1	.1	.1	3.5	3.4	2.8	9.5	9.3	8.8
31	Wichita	144.5	146.8	149.2	2.2	2.2	2.3	7.2	6.8	6.2	44.1	47.1	50.6
32	KENTUCKY	876.9	863.7	878.0	25.8	26.1	28.4	41.8	38.8	46.2	246.3	234.0	246.7
33	Lexington ¹	76.6	77.9	76.2	(2)	(2)	(2)	4.6	4.4	4.5	17.0	17.3	17.6
34	Louisville	330.1	317.1	322.1	(2)	(2)	(2)	15.8	15.4	14.9	118.0	105.3	122.5
35	LOUISIANA ¹	1,041.3	1,042.6	1,005.7	51.2	51.6	50.6	78.7	78.8	74.8	177.6	177.8	176.8
36	Baton Rouge ¹	100.8	101.0	103.1	.7	.7	.5	12.1	12.2	13.3	18.0	17.9	18.8
37	Lake Charles	41.7	42.0	40.3	1.6	1.6	1.4	5.1	5.5	5.2	9.1	9.1	9.0
38	Monroe	38.3	37.9	38.2	.3	.3	.4	3.7	3.6	4.0	6.6	6.5	6.8
39	New Orleans	374.6	376.0	355.7	14.9	15.1	13.6	21.6	21.8	21.9	54.8	55.0	56.0
40	Shreveport	94.2	93.9	89.8	4.0	4.0	4.3	6.2	6.1	5.2	17.1	17.2	16.6
41	MAINE	324.4	326.4	319.9	(2)	(2)	(2)	12.7	13.5	12.1	111.9	113.1	115.8
42	Lewiston-Auburn	28.1	28.4	28.9	(2)	(2)	(2)	1.3	1.3	1.3	12.9	13.2	14.3
43	Portland	62.4	62.3	61.6	(2)	(2)	(2)	2.7	2.8	2.8	14.3	14.2	15.2
44	MARYLAND ⁴	1,276.1	1,277.1	1,232.1	1.8	1.8	1.8	76.0	76.5	73.7	273.5	274.0	278.4
45	Baltimore	798.6	799.8	777.3	.3	.3	.3	38.1	38.5	36.7	200.6	201.2	206.0
46	MASSACHUSETTS	2,213.9	2,212.2	2,177.2	(2)	(2)	(2)	78.7	81.4	79.5	663.6	655.7	683.3
47	Boston	1,270.2	1,265.4	1,243.6	(2)	(2)	(2)	43.3	44.4	41.9	281.3	277.5	292.1
48	Brockton	48.7	49.0	47.8	-	-	-	1.5	1.5	1.5	16.5	16.7	16.9
49	Fall River	46.7	46.8	45.6	(2)	(2)	(2)	(2)	(2)	(2)	23.0	22.9	22.2
50	Lawrence-Haverhill	79.8	79.0	78.6	(2)	(2)	(2)	1.5	1.6	1.6	38.3	38.3	38.4
51	Lowell	51.1	50.7	50.3	(2)	(2)	(2)	1.5	1.6	1.5	20.5	20.1	20.2
52	New Bedford	53.7	53.9	54.1	(2)	(2)	(2)	1.4	1.4	1.3	26.4	26.7	27.3
53	Springfield-Chicopee-Holyoke	192.1	193.1	191.6	(2)	(2)	(2)	6.8	6.9	6.4	69.7	69.9	72.6
54	Worcester	128.8	129.4	128.1	(2)	(2)	(2)	4.3	4.5	4.1	47.3	47.5	48.6

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			
Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	
4.1	4.1	3.8	14.8	14.9	14.4	3.1	3.2	3.0	9.7	9.6	9.6	20.2	20.1	19.8	1
3.3	3.3	3.2	13.8	13.9	13.0	3.9	3.9	3.6	8.6	8.5	8.8	16.6	16.7	17.4	2
3.5	3.5	3.4	13.9	14.1	14.0	3.9	4.0	3.6	8.9	8.9	8.9	27.9	27.9	28.2	3
6.6	6.8	5.4	15.3	15.5	14.1	3.2	3.2	3.1	9.3	9.2	9.1	11.8	11.9	11.7	4
(*)	23.1	21.1	(*)	64.8	61.3	(*)	17.8	16.2	(*)	55.1	51.8	(*)	72.2	70.2	5
(*)	19.5	17.8	(*)	55.4	52.4	(*)	16.4	14.9	(*)	46.0	43.1	(*)	63.4	62.3	6
14.0	14.0	13.7	46.7	46.8	44.9	7.8	7.8	7.4	30.9	31.0	30.2	46.9	46.7	45.2	7
3.2	3.2	3.1	10.7	10.7	10.1	2.7	2.7	2.6	6.1	6.1	5.7	9.3	9.2	8.8	8
287.8	287.2	282.0	942.3	951.0	917.7	231.8	231.1	222.9	672.1	670.4	652.9	625.2	621.9	606.8	9
(*)	207.8	202.8	(*)	678.1	653.9	(*)	179.9	174.5	(*)	497.8	483.2	(*)	355.7	342.6	10
(*)	(*)	220.4	(*)	(*)	694.2	(*)	(*)	181.1	(*)	(*)	508.3	(*)	(*)	367.2	11
(*)	(*)	7.2	(*)	(*)	29.2	(*)	(*)	5.1	(*)	(*)	18.0	(*)	(*)	21.8	12
(*)	(*)	7.3	(*)	(*)	28.0	(*)	(*)	5.0	(*)	(*)	18.2	(*)	(*)	14.6	13
(*)	(*)	3.4	(*)	(*)	20.5	(*)	(*)	3.0	(*)	(*)	12.9	(*)	(*)	8.5	14
99.9	99.7	97.8	360.2	361.7	350.5	74.8	74.4	73.0	204.0	203.0	198.3	292.1	287.6	291.3	15
5.3	5.3	5.1	18.6	18.8	18.3	3.3	3.3	3.3	12.8	12.9	12.7	8.5	8.4	8.4	16
8.5	8.4	8.1	27.1	27.1	25.6	6.4	6.4	6.1	15.1	14.9	14.3	11.8	11.8	11.3	17
13.4	13.3	13.0	36.6	36.8	34.9	6.1	6.1	5.8	22.6	22.7	21.5	22.1	19.8	21.6	18
27.9	27.9	26.7	93.5	95.6	91.9	28.4	28.3	27.5	52.8	52.5	50.6	65.5	65.4	64.6	19
2.4	2.4	2.5	8.7	8.7	8.3	1.4	1.4	1.4	5.1	5.1	4.8	8.6	8.6	8.4	20
5.0	5.0	4.8	19.8	20.3	19.9	4.8	4.9	4.7	15.5	15.5	15.7	10.7	10.5	10.4	21
4.2	4.2	4.1	12.7	12.9	12.5	1.7	1.7	1.7	6.5	6.5	6.3	11.0	10.7	10.7	22
50.6	50.6	49.9	201.4	202.5	196.1	41.7	41.5	39.6	143.8	143.0	139.2	180.7	178.3	170.2	23
3.1	3.1	3.1	13.2	13.2	12.8	3.2	3.1	3.0	10.1	10.1	9.8	7.3	7.3	6.8	24
9.1	9.1	9.0	31.6	32.2	31.6	15.2	14.8	13.9	21.8	21.6	21.2	18.7	18.7	18.1	25
1.7	1.7	1.7	6.6	6.6	6.3	.9	.9	.9	6.5	6.4	6.2	2.7	2.7	2.4	26
3.2	3.2	3.3	11.3	11.4	10.9	2.0	2.0	1.9	7.7	7.5	7.5	5.4	5.3	5.3	27
2.4	2.4	2.5	9.7	9.8	9.5	1.4	1.5	1.4	7.3	7.2	7.1	8.1	8.0	7.2	28
50.9	50.9	50.9	156.6	156.6	152.5	29.9	29.9	28.9	101.0	100.2	100.1	156.7	154.1	154.7	29
7.2	7.2	7.5	13.0	13.1	12.6	3.9	3.9	3.7	9.9	9.9	9.5	15.4	15.3	14.8	30
7.7	7.7	7.7	32.5	32.8	32.8	6.5	6.5	6.6	24.7	24.5	23.8	19.7	19.4	19.3	31
59.9	59.4	60.7	179.6	182.4	174.5	33.8	33.5	34.4	122.1	122.0	118.9	167.6	167.5	168.3	32
4.5	4.3	4.1	14.5	14.7	14.6	3.7	3.7	3.4	12.2	12.2	11.4	20.1	21.3	20.6	33
22.8	23.0	22.5	69.7	70.0	65.1	16.8	16.8	16.2	46.4	46.1	43.5	40.8	40.5	37.3	34
94.9	95.2	81.6	224.9	225.8	221.1	49.7	49.7	48.0	149.9	149.7	146.2	214.4	214.0	206.6	35
5.3	5.3	5.2	21.1	21.2	21.2	5.2	5.3	5.5	13.6	13.7	14.2	24.8	24.7	24.4	36
3.2	3.2	2.7	8.3	8.3	7.9	1.5	1.5	1.5	5.8	5.7	5.6	7.1	7.1	7.0	37
2.4	2.4	2.3	10.1	10.0	9.8	2.4	2.4	2.3	5.3	5.2	5.1	7.5	7.5	7.5	38
47.1	47.3	37.5	89.1	89.8	85.4	22.7	22.7	22.2	67.9	67.9	64.7	56.6	56.4	54.5	39
9.5	9.6	9.1	23.5	23.2	22.2	4.7	4.7	4.5	13.9	13.9	13.3	15.3	15.2	14.6	40
17.0	17.1	16.8	64.1	64.6	60.4	11.9	11.9	11.3	40.4	40.3	39.1	66.4	65.9	64.4	41
.9	1.0	.9	6.0	6.1	5.7	.9	.8	.8	4.0	4.0	3.9	2.1	2.0	2.0	42
5.1	5.2	5.1	16.7	16.8	16.2	5.3	5.3	4.9	10.7	10.6	10.0	7.6	7.4	7.4	43
79.9	80.0	73.0	296.4	298.4	279.8	66.3	66.2	63.0	228.9	228.3	217.8	253.3	251.9	244.6	44
56.3	56.3	50.3	171.4	173.2	165.1	42.8	42.6	40.8	134.5	134.0	127.5	154.6	153.7	150.6	45
117.2	117.0	111.2	470.1	477.3	452.5	128.6	128.6	121.9	456.0	455.8	436.4	299.7	296.4	292.4	46
74.3	73.5	70.8	285.9	289.4	277.5	93.7	93.1	88.5	315.7	312.3	301.9	176.0	175.2	170.9	47
3.4	3.4	3.1	11.9	12.0	11.6	1.4	1.4	1.3	6.3	6.3	5.8	7.7	7.7	7.6	48
1.8	1.8	1.7	9.0	9.2	9.0	(2)	(2)	(2)	8.7	8.7	8.5	4.2	4.2	4.2	49
2.4	2.4	2.3	14.4	14.6	14.1	2.3	2.3	2.3	9.2	9.2	8.9	11.7	10.6	11.0	50
2.0	1.9	1.9	10.2	10.3	10.1	1.5	1.4	1.4	8.6	8.6	8.5	6.8	6.8	6.7	51
2.7	2.7	2.6	9.5	9.4	9.2	(2)	(2)	(2)	9.1	9.1	9.1	4.6	4.6	4.6	52
8.1	8.2	8.2	38.6	39.1	38.2	9.1	9.2	9.0	34.0	34.0	32.7	25.8	25.8	24.5	53
6.3	6.3	6.4	25.4	25.6	24.8	7.2	7.2	6.7	22.2	22.1	21.6	16.1	16.2	15.9	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
1	MICHIGAN.....	2,985.2	3,036.1	3,028.9	11.9	11.8	12.0	94.2	97.6	105.7	1,100.0	1,144.8	1,172.4
2	Ann Arbor.....	100.1	104.9	103.2	(2)	(2)	(2)	2.6	2.6	2.6	31.5	37.4	37.0
3	Battle Creek.....	57.8	58.3	58.5	(2)	(2)	(2)	1.8	1.8	1.7	25.6	25.9	26.8
4	Bay City.....	29.3	29.7	30.1	(2)	(2)	(2)	1.0	1.1	1.0	11.3	11.6	12.6
5	Detroit.....	1,494.9	1,511.1	1,520.6	1.2	1.1	.8	48.5	48.8	57.1	576.1	587.7	600.5
6	Flint.....	149.3	159.1	164.0	(2)	(2)	(2)	6.2	6.4	6.3	73.8	83.2	91.1
7	Grand Rapids.....	184.3	184.4	186.7	(2)	(2)	(2)	7.2	7.4	7.9	73.2	73.5	77.7
8	Jackson.....	45.8	46.4	45.7	(2)	(2)	(2)	1.9	1.9	1.8	18.9	19.2	19.0
9	Kalamazoo.....	73.1	73.1	72.0	(2)	(2)	(2)	3.1	3.2	3.1	29.7	29.8	29.9
10	Lansing.....	122.1	132.8	130.4	(2)	(2)	(2)	4.8	5.4	5.4	29.6	40.7	39.4
11	Muskegon-Muskegon Heights.....	51.2	51.5	51.7	(2)	(2)	(2)	1.4	1.5	1.9	27.9	28.3	28.0
12	Saginaw.....	72.0	73.9	72.6	(2)	(2)	(2)	3.4	3.4	3.3	31.3	33.2	33.3
13	MINNESOTA.....	1,294.2	1,296.4	1,240.3	13.6	13.4	12.9	59.3	59.3	53.9	324.3	327.1	320.8
14	Duluth-Superior.....	53.5	55.0	53.4	(2)	(2)	(2)	2.0	1.9	2.2	10.4	10.3	10.4
15	Minneapolis-St. Paul.....	787.3	789.7	757.1	(2)	(2)	(2)	37.8	37.8	34.3	218.4	219.9	217.6
16	MISSISSIPPI ¹	570.0	570.1	554.0	6.0	5.9	5.8	31.9	32.4	26.2	179.6	180.4	179.7
17	Jackson ¹	89.2	89.5	88.9	.7	.7	.7	5.1	5.1	5.4	13.2	13.6	14.4
18	MISSOURI.....	1,628.1	1,634.1	1,613.0	8.7	8.4	8.5	66.7	62.4	62.4	435.6	446.9	443.6
19	Kansas City.....	512.1	513.8	504.2	.6	.6	.5	23.8	23.5	22.5	129.2	131.1	132.1
20	St. Joseph.....	32.1	31.8	31.0	(3)	(3)	(3)	1.8	1.5	1.3	10.0	9.9	9.8
21	St. Louis.....	886.8	896.9	882.0	2.2	2.1	2.3	39.0	37.2	37.2	272.5	283.0	277.2
22	Springfield.....	55.2	54.7	54.6	.1	.1	.1	2.8	2.2	2.5	15.2	15.2	16.0
23	MONTANA.....	188.5	188.2	186.3	6.3	6.4	5.7	6.9	7.1	6.9	23.2	23.4	23.8
24	Billings.....	27.1	27.3	26.7	(2)	(2)	(2)	1.0	1.0	1.1	2.9	2.9	2.7
25	Great Falls.....	23.1	23.1	23.0	(2)	(2)	(2)	1.0	1.0	1.2	2.9	2.8	3.0
26	NEBRASKA ¹	471.4	471.2	456.6	1.6	1.5	1.4	22.6	22.6	20.4	84.6	85.8	84.1
27	Lincoln ¹	71.0	70.8	68.5	-	-	-	3.3	3.3	3.2	10.5	10.8	10.7
28	Omaha ¹	204.7	204.6	195.9	(3)	(3)	(3)	10.6	11.0	9.5	40.1	40.6	38.8
29	NEVADA.....	189.7	189.0	178.0	3.9	3.9	3.7	11.1	10.7	9.6	7.9	7.9	7.5
30	Las Vegas.....	107.2	106.8	99.0	.2	.2	.2	6.8	6.6	5.5	4.1	4.1	3.8
31	Reno.....	51.5	51.5	48.2	.2	.2	.2	2.9	2.9	2.7	2.7	2.7	2.7
32	NEW HAMPSHIRE.....	249.7	250.7	247.8	.2	.2	.3	10.0	10.4	10.5	95.7	96.4	99.3
33	Manchester.....	48.5	48.7	48.4	(2)	(2)	(2)	2.2	2.3	2.5	16.5	16.4	17.4
34	NEW JERSEY ¹	2,559.7	2,566.2	2,486.9	3.0	3.0	3.0	102.3	102.7	99.2	879.1	882.2	883.7
35	Atlantic City.....	60.6	59.6	57.8	-	-	-	3.5	3.4	3.1	11.0	11.2	11.2
36	Camden ^{1 6}	249.1	248.4	242.1	.1	.1	.1	11.9	11.9	11.2	75.7	75.5	76.9
37	Jersey City ^{1 7}	267.8	268.8	260.0	-	-	-	6.7	6.8	5.9	112.6	111.3	111.5
38	Newark ^{1 7}	782.2	787.5	773.6	.9	.9	.8	27.8	28.6	28.6	250.4	252.2	256.4
39	Paterson-Clifton-Passaic ^{1 7}	493.9	496.7	484.3	.4	.4	.3	18.8	19.3	19.0	187.1	189.2	191.6
40	Perth Amboy ^{1 7}	271.6	273.0	256.8	.8	.8	.8	12.1	12.1	11.1	113.3	114.7	110.0
41	Trenton ¹	131.8	132.2	129.2	(2)	(2)	(2)	3.9	4.0	3.4	40.7	41.0	41.4
42	NEW MEXICO.....	286.4	285.7	278.0	16.7	17.0	17.2	15.3	14.5	15.7	20.8	21.2	19.2
43	Albuquerque.....	105.3	105.2	99.9	(2)	(2)	(2)	6.6	6.4	5.8	9.1	9.4	8.1
44	NEW YORK ¹	7,096.0	7,089.7	6,960.9	7.5	7.5	7.2	220.9	222.4	217.7	1,826.1	1,816.3	1,848.6
45	Albany-Schenectady-Troy.....	269.6	256.6	267.5	(2)	(2)	(2)	11.6	11.6	10.2	61.7	50.3	63.9
46	Binghamton.....	103.8	103.3	103.7	(2)	(2)	(2)	3.4	3.5	3.6	44.0	44.1	45.1
47	Buffalo.....	495.7	497.5	492.0	(2)	(2)	(2)	15.2	16.2	15.9	175.0	176.4	177.8
48	Elmira.....	37.8	37.9	38.6	(2)	(2)	(2)	1.1	1.3	1.4	15.7	15.4	16.2
49	Morroe County ⁸	302.4	303.7	301.1	(2)	(2)	(2)	11.0	11.7	12.2	132.2	134.5	134.7
50	Nassau and Suffolk Counties ⁸	689.7	692.3	663.5	(2)	(2)	(2)	30.8	31.7	30.1	158.8	160.7	162.3
51	New York-Northeastern New Jersey ¹	6,637.7	6,661.4	6,488.6	4.7	4.6	4.4	212.6	215.6	206.9	1,721.4	1,728.4	1,734.5
52	New York SMSA ^{1 7}	4,823.0	4,836.3	4,715.4	2.5	2.5	2.4	147.3	148.8	142.4	1,058.0	1,061.0	1,065.0
53	New York City ^{1 9}	3,781.6	3,788.1	3,707.0	2.1	2.0	1.9	98.1	98.0	94.6	809.3	806.5	810.5
54	Rochester.....	341.9	344.1	340.6	(2)	(2)	(2)	12.6	13.3	13.7	145.0	148.1	147.6
55	Rockland County ⁹	56.7	55.8	55.7	(2)	(2)	(2)	2.6	2.7	2.7	15.3	14.4	15.7
56	Syracuse.....	224.7	220.0	220.9	(2)	(2)	(2)	8.7	9.0	8.8	66.3	61.8	67.9
57	Utica-Rome.....	110.9	110.5	114.0	(2)	(2)	(2)	2.3	2.5	2.6	40.0	39.3	44.1
58	Westchester County ⁹	295.0	300.1	289.2	(2)	(2)	(2)	15.7	16.4	14.9	74.6	79.4	76.5

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			
Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	
147.3	148.5	147.3	577.4	586.2	562.3	113.7	113.8	112.2	399.0	397.4	393.6	541.2	536.1	523.5	1
2.7	2.7	2.7	13.7	13.8	12.3	2.1	2.2	2.1	10.7	10.6	9.7	36.9	35.9	37.0	2
2.6	2.6	2.5	9.0	9.1	8.7	3.2	3.3	3.3	7.8	7.8	7.6	7.9	7.9	7.9	3
1.6	1.6	1.5	6.6	6.8	6.7	.8	.8	.7	3.7	3.7	3.7	4.2	4.2	3.9	4
78.2	78.7	78.5	291.1	296.1	287.6	66.3	66.2	65.2	212.8	212.4	212.9	220.7	220.1	217.9	5
5.4	5.6	5.9	21.9	22.4	22.3	4.2	4.2	4.1	17.5	17.3	15.9	20.3	20.1	18.3	6
9.9	9.9	9.9	42.7	42.9	40.9	7.1	7.0	7.4	27.0	26.8	26.2	17.3	16.8	16.8	7
4.3	4.3	4.3	8.2	8.4	8.0	1.4	1.4	1.4	5.1	5.1	5.0	6.2	6.2	6.2	8
2.5	2.5	2.5	13.1	13.2	12.5	2.2	2.2	2.2	9.0	9.0	8.6	13.6	13.3	13.3	9
3.5	3.5	3.5	21.2	21.5	20.7	5.2	5.2	5.1	15.2	14.5	14.7	42.6	42.0	41.6	10
2.6	2.6	2.6	7.3	7.3	7.7	1.3	1.3	1.3	5.3	5.3	5.2	5.4	5.2	5.1	11
4.6	4.6	4.5	13.0	13.0	12.9	2.7	2.7	2.6	8.8	8.8	8.3	8.2	8.2	7.6	12
87.9	88.4	84.2	308.4	311.5	290.0	63.5	63.3	60.1	208.0	206.8	198.9	229.2	226.7	219.5	13
5.9	6.6	6.2	12.4	13.1	12.7	2.0	2.0	1.9	10.7	11.0	10.2	10.1	10.1	9.8	14
57.0	57.2	55.8	186.4	188.9	176.4	47.0	46.9	44.4	137.9	137.1	128.8	102.8	101.9	99.9	15
30.0	30.0	28.4	102.9	102.9	101.0	20.5	20.4	19.6	65.3	65.0	63.9	133.7	133.1	129.5	16
5.6	5.6	5.6	20.6	20.6	20.2	6.8	6.8	6.6	16.1	16.1	15.5	21.1	21.1	20.4	17
123.1	123.5	125.0	358.3	362.1	353.8	87.8	87.6	86.0	254.5	253.4	251.1	293.4	289.8	282.6	18
50.6	50.5	50.5	124.2	125.8	120.5	32.6	32.6	31.4	79.1	79.1	76.4	72.0	70.6	70.3	19
2.1	2.1	2.1	7.6	7.7	7.4	1.3	1.3	1.3	4.6	4.6	4.5	4.7	4.7	4.6	20
66.1	66.4	67.7	187.4	189.7	184.4	46.8	46.6	46.0	150.1	149.9	145.0	122.7	122.0	122.2	21
4.3	4.3	4.3	13.4	13.5	12.6	2.2	2.3	2.4	9.1	9.0	8.8	8.1	8.1	7.9	22
16.7	16.8	17.2	44.1	44.4	43.4	7.9	8.0	7.6	31.6	31.8	30.2	51.8	50.3	51.5	23
2.7	2.7	2.8	8.5	8.4	8.4	1.5	1.5	1.5	5.5	5.7	5.3	5.0	5.1	4.9	24
2.1	2.1	2.0	6.0	6.1	5.9	1.4	1.4	1.4	4.8	4.8	4.5	4.9	4.9	5.0	25
36.2	36.1	35.9	118.7	119.0	111.9	29.0	28.6	27.4	79.7	78.9	78.1	99.1	98.6	97.4	26
4.8	4.9	4.9	14.8	14.9	14.1	5.3	5.3	5.0	11.7	11.4	10.8	20.6	20.3	19.8	27
20.8	20.6	20.2	50.7	51.1	48.3	16.7	16.5	15.7	36.1	35.4	34.6	29.6	29.4	28.7	28
13.6	13.7	12.9	35.6	35.6	33.1	7.3	7.2	6.9	73.9	73.8	69.0	36.4	36.2	35.3	29
7.1	7.1	6.6	19.6	19.6	18.0	3.6	3.6	3.4	49.9	49.8	46.1	15.9	15.8	15.4	30
4.7	4.7	4.5	11.4	11.4	10.3	3.0	3.0	2.9	16.8	16.8	15.6	9.8	9.8	9.3	31
11.6	11.6	11.0	48.1	48.1	45.4	10.5	10.4	10.0	37.1	37.0	36.0	36.5	36.6	35.3	32
3.6	3.6	3.2	11.3	11.5	11.0	2.9	2.9	2.8	8.0	8.0	7.7	4.0	4.0	3.8	33
177.7	178.0	166.2	524.0	526.0	490.7	116.2	116.3	111.4	398.1	396.7	378.9	359.3	361.3	353.8	34
3.6	3.6	3.3	15.2	15.1	14.2	2.9	2.9	2.8	13.9	13.0	13.0	10.5	10.4	10.2	35
13.3	13.0	12.3	36.7	37.0	35.2	8.9	8.9	8.7	37.3	37.0	35.9	45.2	45.0	43.8	36
37.4	37.6	34.3	44.1	44.3	41.2	9.5	9.5	9.1	30.5	30.6	29.7	27.0	28.7	28.3	37
62.1	62.1	57.5	153.5	154.1	148.7	55.5	55.8	53.7	132.0	132.1	127.7	100.0	101.7	100.2	38
25.2	25.3	24.9	121.0	121.7	113.2	17.6	17.6	16.8	72.8	72.7	69.7	51.0	50.5	48.8	39
13.7	13.8	12.2	51.8	51.8	48.8	5.6	5.6	5.5	30.8	30.7	28.3	43.5	43.5	40.1	40
6.7	6.7	6.5	20.7	20.7	19.9	4.9	4.9	4.4	27.7	27.9	27.1	27.2	27.0	26.5	41
20.2	20.3	19.5	59.6	59.7	56.9	12.5	12.4	11.5	52.8	52.9	51.3	88.5	87.7	86.7	42
6.2	6.4	6.3	25.2	25.2	24.2	6.1	6.1	5.9	25.8	25.6	24.9	26.3	26.1	24.7	43
501.4	507.0	474.2	1,417.7	1,433.8	1,386.3	598.5	597.0	576.2	1,337.7	1,333.4	1,282.3	1,186.1	1,172.1	1,168.4	44
15.4	15.4	15.2	51.9	52.2	50.9	10.6	10.6	10.3	44.8	44.4	44.2	73.7	72.0	72.9	45
4.6	4.7	4.6	17.2	17.3	17.1	3.1	3.1	3.0	11.4	11.5	11.3	19.9	19.1	18.9	46
32.1	32.5	32.0	100.6	100.9	98.3	19.1	19.0	18.4	74.9	74.2	72.2	78.7	78.4	77.3	47
1.6	1.6	1.5	7.5	7.7	7.6	1.1	1.0	1.0	5.6	5.6	5.6	5.3	5.3	5.2	48
10.9	10.7	11.3	53.8	54.4	53.0	11.0	11.0	10.6	47.9	47.5	45.9	35.6	33.9	33.5	49
31.7	31.7	28.5	177.7	180.3	165.2	30.1	29.9	28.6	121.5	121.2	114.1	139.1	136.8	134.6	50
518.2	524.3	484.9	1,361.8	1,374.7	1,326.8	602.7	601.6	582.0	1,252.9	1,251.2	1,202.2	963.4	961.0	946.9	51
379.6	385.7	356.1	991.1	1,002.5	974.8	514.5	513.1	496.9	986.9	985.0	947.2	743.2	737.8	730.7	52
326.8	332.8	306.9	738.8	747.0	734.6	469.1	468.0	453.4	794.3	792.9	764.7	543.0	541.0	540.4	53
12.6	12.4	12.9	60.8	61.4	59.9	11.9	11.9	11.4	51.7	51.3	50.1	47.3	45.7	45.1	54
3.1	3.1	3.0	9.8	9.9	9.5	1.7	1.7	1.7	9.0	9.1	8.7	15.1	14.8	14.4	55
13.8	13.7	13.6	48.7	49.2	46.5	11.4	11.4	10.7	36.8	36.9	35.4	39.0	38.0	38.1	56
5.6	5.6	5.2	17.4	17.7	17.3	4.5	4.5	4.3	14.3	14.3	13.8	26.9	26.8	26.7	57
18.0	18.0	17.6	64.8	65.3	65.6	13.6	13.5	13.2	62.5	62.3	60.2	45.9	45.2	41.3	58

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
1	NORTH CAROLINA	1,735.4	1,732.1	1,712.9	3.5	3.5	3.6	92.5	92.1	91.6	701.4	704.7	710.9
2	Asheville ¹	-	-	-	-	-	-	-	-	-	19.2	19.4	20.6
3	Charlotte ¹	177.1	177.2	175.7	(2)	(2)	(2)	11.3	11.5	11.7	42.1	42.3	43.3
4	Greensboro-Winston-Salem-High Point	258.3	258.5	254.1	(2)	(2)	(2)	13.4	13.4	13.0	111.2	111.6	112.7
5	Raleigh ¹	-	-	-	-	-	-	-	-	-	14.3	14.5	14.2
6	NORTH DAKOTA ¹	157.3	158.0	151.0	1.8	1.9	1.7	6.5	6.9	5.1	8.9	8.8	8.5
7	Fargo-Moorhead ¹	41.2	41.3	39.0	(2)	(2)	(2)	2.6	2.9	2.0	2.9	3.0	2.8
8	OHIO	3,871.0	3,871.9	3,786.1	20.0	19.8	19.0	157.3	157.8	151.2	1,442.7	1,449.6	1,455.3
9	Akron	247.5	247.7	238.9	.2	.2	.2	7.9	8.1	7.7	100.9	101.3	99.4
10	Canton	136.2	136.2	132.1	.3	.3	.3	5.0	5.0	4.7	62.2	62.2	61.5
11	Cincinnati	495.6	493.9	489.1	.4	.4	.4	19.8	19.7	19.7	164.0	164.4	171.1
12	Cleveland	860.8	861.3	846.3	1.6	1.5	1.7	34.6	35.0	35.0	309.2	309.3	314.0
13	Columbus	373.7	374.2	359.8	.7	.7	.7	16.0	15.9	15.9	92.6	93.4	92.3
14	Dayton	334.7	336.1	325.8	.5	.5	.4	11.7	11.6	11.8	132.8	134.4	132.9
15	Toledo	241.3	242.7	233.7	.3	.3	.3	9.1	9.1	9.2	83.4	84.7	83.3
16	Youngstown-Warren	195.2	194.3	190.2	.3	.3	.3	8.7	8.6	7.4	88.8	88.0	89.5
17	OKLAHOMA	759.1	758.7	736.8	38.9	38.9	40.5	35.7	34.1	33.9	132.8	133.2	124.3
18	Oklahoma City	252.7	252.1	241.9	6.8	6.8	6.7	12.3	11.8	11.5	37.2	36.7	33.1
19	Tulsa	179.2	179.7	173.7	13.1	13.4	13.7	8.3	8.2	8.1	44.8	45.1	42.0
20	OREGON	690.7	690.7	673.5	1.4	1.3	1.2	25.6	26.2	27.1	166.7	169.3	169.9
21	Eugene ¹	64.5	65.1	64.3	(2)	(2)	(2)	2.4	2.4	2.6	16.7	17.2	18.0
22	Portland	378.6	378.6	366.5	(2)	(2)	(2)	16.0	16.3	16.6	88.0	89.0	87.7
23	Salem	51.7	51.9	50.4	(2)	(2)	(2)	2.3	2.2	2.3	8.3	8.5	8.2
24	PENNSYLVANIA ¹	4,310.5	4,306.2	4,258.8	39.2	39.2	37.8	177.4	177.7	171.4	1,550.9	1,549.5	1,566.8
25	Allentown-Bethlehem-Easton ¹	215.1	213.4	209.8	.5	.5	.5	7.7	7.8	7.3	106.6	105.6	104.7
26	Altoona ¹	47.9	47.9	47.5	(2)	(2)	(2)	1.6	1.6	1.8	15.9	15.9	15.7
27	Erie ¹	96.1	90.7	94.1	(2)	(2)	(2)	3.5	3.6	3.3	42.8	37.3	43.2
28	Harrisburg ¹	170.6	170.4	169.3	(2)	(2)	(2)	8.1	8.1	8.2	40.0	40.1	40.0
29	Johnstown ¹	79.1	78.9	76.1	4.8	4.9	5.0	2.4	2.5	2.4	26.2	26.2	25.2
30	Lancaster ¹	117.9	116.6	114.7	(2)	(2)	(2)	5.5	5.4	5.3	55.4	54.9	55.0
31	Philadelphia ¹	1,799.8	1,790.0	1,768.9	1.2	1.2	1.2	77.5	76.7	73.8	570.0	567.5	578.7
32	Pittsburgh ¹	854.5	856.7	850.8	9.1	9.1	8.6	39.1	39.2	40.2	281.9	284.0	284.4
33	Reading ¹	123.7	123.8	122.5	(2)	(2)	(2)	4.0	4.0	3.7	59.2	59.7	60.0
34	Scranton ¹	86.4	86.5	84.7	.5	.5	.5	2.2	2.3	2.1	34.4	34.9	35.1
35	Wilkes-Barre-Hazleton ¹	121.4	120.7	118.0	2.3	2.4	2.4	3.8	4.0	4.3	53.6	52.7	52.0
36	York ¹	130.4	131.3	125.6	(2)	(2)	(2)	7.2	7.2	7.0	61.9	62.8	59.8
37	RHODE ISLAND	334.4	336.2	338.2	(2)	(2)	(2)	11.7	12.1	12.3	124.3	124.6	127.4
38	Providence-Pawtucket-Warwick	345.5	347.5	349.3	(2)	(2)	(2)	12.0	12.5	12.3	139.6	139.9	143.1
39	SOUTH CAROLINA	812.6	813.1	797.7	1.7	1.7	1.6	46.6	46.4	46.7	335.9	337.9	338.1
40	Charleston	88.0	87.9	87.1	(2)	(2)	(2)	6.1	5.9	6.1	15.9	16.1	15.9
41	Columbia	106.1	105.8	103.3	(2)	(2)	(2)	6.9	6.8	6.9	19.3	19.2	19.2
42	Greenville	124.0	123.7	119.8	(2)	(2)	(2)	9.9	9.6	8.7	55.1	55.2	55.6
43	SOUTH DAKOTA	167.5	167.5	164.1	2.1	2.1	2.2	5.5	5.5	5.4	15.8	15.8	15.6
44	Sioux Falls	33.2	33.3	32.7	(2)	(2)	(2)	1.3	1.3	1.2	5.9	5.9	6.1
45	TENNESSEE ¹	1,314.7	1,317.5	1,277.8	7.3	7.1	6.5	64.2	63.6	60.5	465.3	466.3	463.8
46	Chattanooga	124.7	126.0	125.9	.2	.2	.2	5.0	4.9	4.9	53.1	53.9	53.8
47	Knoxville	148.1	148.7	146.7	1.7	1.7	1.8	6.9	6.4	7.4	48.4	48.7	48.9
48	Memphis	(*)	270.1	267.1	(*)	.2	.2	(*)	12.9	13.6	(*)	59.9	62.7
49	Nashville	218.8	219.1	212.5	(2)	(2)	(2)	13.0	13.0	12.0	62.6	62.8	60.7
50	TEXAS	3,661.2	3,651.6	3,507.3	103.3	104.0	102.8	236.8	231.8	223.5	745.4	753.1	727.9
51	Amarillo	-	-	-	-	-	-	-	-	-	6.9	6.8	6.1
52	Austin	-	-	-	-	-	-	-	-	-	11.4	11.5	10.2
53	Beaumont-Port Arthur-Orange	-	-	-	-	-	-	-	-	-	37.3	37.3	30.5
54	Corpus Christi	-	-	-	-	-	-	-	-	-	(*)	11.4	11.0

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			
Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	
91.5	90.5	86.8	308.2	309.4	301.6	68.2	68.3	64.9	201.3	199.9	196.3	268.8	263.7	257.2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.5	18.4	18.0	46.0	46.0	45.8	12.2	12.1	12.0	26.4	26.5	25.2	20.6	20.4	19.7	3
15.9	15.8	14.8	46.5	46.9	44.9	12.0	12.0	11.8	29.5	29.4	28.7	29.8	29.4	28.2	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
11.3	11.4	12.2	42.7	43.4	40.6	6.9	6.9	6.6	28.9	28.8	27.8	50.3	50.1	48.5	6
3.1	3.1	3.1	12.0	12.0	11.7	2.4	2.3	2.2	8.5	8.6	8.0	9.6	9.5	9.2	7
223.7	223.1	214.1	756.8	762.4	728.4	154.1	153.7	147.0	551.4	548.4	526.0	564.9	557.0	545.1	8
14.7	14.6	14.3	47.8	48.2	46.1	6.7	6.6	6.4	33.2	33.2	30.9	36.0	35.4	33.8	9
6.8	6.8	6.7	26.1	26.2	24.5	4.6	4.6	4.4	18.4	18.4	17.5	12.8	12.7	12.5	10
35.8	35.7	34.3	105.2	106.1	101.4	25.9	25.7	24.9	77.0	76.6	71.8	67.5	65.3	65.4	11
52.4	52.3	50.2	179.0	181.1	173.5	41.1	41.0	39.6	133.1	132.8	126.4	109.8	108.3	106.0	12
21.7	21.6	20.2	76.5	77.2	75.0	25.2	25.2	22.9	61.5	61.3	57.8	79.4	78.9	75.0	13
12.4	12.4	12.1	59.7	60.4	57.1	9.7	9.6	8.8	48.6	48.3	44.6	59.5	59.1	58.0	14
16.6	16.7	16.3	51.2	51.9	49.1	8.1	8.0	7.6	37.3	37.0	35.4	35.3	34.8	32.7	15
9.8	9.7	9.6	36.2	36.9	33.7	5.6	5.5	5.3	25.6	25.5	24.2	20.3	19.9	20.2	16
53.0	53.0	52.2	164.6	165.9	160.5	36.3	36.4	34.9	107.4	107.6	104.8	190.4	189.6	185.7	17
17.2	17.2	16.4	56.3	56.7	54.1	15.5	15.5	14.7	36.7	36.8	35.0	70.7	70.6	70.4	18
16.7	16.7	16.0	39.4	39.4	39.0	9.4	9.4	8.9	29.3	29.2	28.0	18.2	18.3	18.0	19
49.2	48.9	47.9	157.3	157.5	150.0	35.4	35.2	34.0	107.8	107.0	103.2	147.3	145.3	140.2	20
4.0	4.0	4.1	13.0	13.1	12.5	2.9	2.9	2.8	9.4	9.4	8.8	16.1	16.1	15.5	21
31.0	30.8	29.7	92.0	92.4	88.7	24.2	23.9	23.2	66.1	65.5	61.6	61.3	60.7	59.0	22
1.7	1.7	1.8	10.4	10.6	10.2	3.2	3.1	3.1	7.8	7.8	7.4	18.0	18.0	17.4	23
267.8	268.2	257.8	799.4	805.4	787.7	187.4	186.4	179.4	671.4	666.4	647.5	617.0	613.4	610.4	24
11.8	11.9	11.7	35.1	35.1	34.1	6.5	6.4	6.2	27.0	26.7	26.2	19.9	19.4	19.1	25
7.5	7.6	7.7	8.4	8.4	8.2	1.2	1.2	1.1	6.9	6.9	6.9	6.4	6.3	6.1	26
5.1	5.2	5.0	17.1	17.3	16.2	3.5	3.5	3.2	13.1	12.8	12.4	11.0	11.0	10.8	27
13.1	13.1	13.0	31.8	32.3	32.2	8.6	8.6	8.5	24.7	24.6	24.1	44.3	43.6	43.3	28
4.8	4.8	4.7	13.9	13.7	12.7	2.2	2.2	2.1	12.3	12.2	12.0	12.5	12.4	12.0	29
5.4	5.4	5.3	22.4	22.1	20.7	2.8	2.7	2.7	16.0	16.0	15.7	10.4	10.1	10.0	30
108.9	108.0	100.3	366.2	367.1	359.5	100.0	99.6	97.0	311.5	306.8	299.1	264.5	263.1	259.3	31
59.6	59.6	58.6	168.9	170.4	166.9	37.4	37.2	36.1	155.2	154.9	150.7	103.3	102.3	105.3	32
6.4	6.4	6.3	19.4	19.2	18.9	4.7	4.6	4.5	16.5	16.5	16.1	13.5	13.4	13.0	33
5.0	5.1	4.9	17.3	17.2	16.5	2.5	2.5	2.5	14.4	13.9	13.6	10.1	10.1	9.5	34
6.7	6.7	6.6	21.0	21.1	20.2	3.9	3.9	3.8	14.3	14.3	13.6	15.8	15.6	15.1	35
6.2	6.1	5.7	23.8	24.0	22.6	2.8	2.8	2.7	14.7	14.8	14.3	13.8	13.6	13.5	36
15.0	15.1	14.7	64.0	65.5	64.2	15.1	15.2	15.1	52.4	52.1	52.1	51.9	51.6	52.4	37
14.6	14.7	14.3	64.5	66.0	64.6	15.1	15.2	15.1	51.2	50.9	51.2	48.5	48.3	48.7	38
36.4	36.1	32.8	134.7	134.7	130.5	28.9	28.8	27.3	82.0	81.8	80.7	146.4	145.7	140.0	39
5.2	5.3	4.6	16.7	16.5	16.8	3.5	3.5	3.5	10.4	10.4	10.1	30.2	30.2	30.1	40
6.9	6.9	6.7	22.2	22.4	21.7	6.7	6.6	6.2	13.9	13.9	13.8	30.2	30.0	28.8	41
4.7	4.7	4.4	21.4	21.5	19.6	4.8	4.8	4.4	12.7	12.7	12.6	15.4	15.2	14.5	42
9.9	10.0	10.2	43.3	43.8	42.3	7.2	7.3	7.1	30.8	30.6	29.0	52.9	52.4	52.3	43
3.4	3.5	3.0	9.7	9.8	9.7	2.0	2.0	1.9	6.3	6.3	6.3	4.5	4.5	4.4	44
65.6	65.8	64.0	258.9	262.0	245.2	57.0	56.9	54.8	174.6	176.2	170.1	221.8	219.6	212.9	45
6.1	6.3	6.5	22.6	22.9	22.8	7.3	7.4	6.9	15.3	15.4	15.0	15.1	15.0	15.8	46
6.6	6.7	6.3	31.6	32.4	30.2	4.9	4.8	4.9	19.6	19.7	19.0	28.4	28.3	28.2	47
(*)	20.1	19.8	(*)	68.6	66.8	(*)	14.6	14.4	(*)	44.8	42.2	(*)	49.0	47.4	48
13.0	13.1	13.1	46.7	47.1	46.8	13.8	13.8	13.0	36.3	35.9	34.8	33.4	33.4	32.1	49
263.5	261.8	235.2	857.5	861.4	820.0	190.5	188.9	177.9	595.3	588.9	564.3	668.9	661.7	655.7	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		
		Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
	TEXAS (continued)												
1	Dallas	661.8	661.1	626.3	7.8	7.9	7.8	38.3	36.8	37.2	168.8	170.8	165.3
2	El Paso	-	-	-	-	-	-	-	-	-	23.6	23.3	22.0
3	Fort Worth	267.2	268.1	257.9	1.9	1.9	1.8	11.3	11.5	11.9	93.8	95.2	92.0
4	Galveston-Texas City	-	-	-	-	-	-	-	-	-	11.7	11.8	11.0
5	Houston	769.3	767.8	709.8	29.6	29.5	27.6	74.7	75.5	65.8	144.4	144.2	140.0
6	Lubbock	-	-	-	-	-	-	-	-	-	6.9	6.8	6.9
7	San Antonio	259.0	259.1	256.8	1.4	1.4	1.4	15.0	15.0	15.8	33.7	33.6	32.8
8	Waco	-	-	-	-	-	-	-	-	-	11.7	12.9	13.0
9	Wichita Falls	-	-	-	-	-	-	-	-	-	4.4	4.7	4.5
10	UTAH	344.4	343.2	335.7	12.3	12.4	11.9	11.4	11.1	10.6	52.1	52.8	51.4
11	Salt Lake City	181.5	182.5	176.2	7.4	7.5	7.3	6.5	6.6	6.3	28.3	29.0	28.5
12	VERMONT	145.3	144.8	139.7	1.0	1.0	1.0	8.3	8.5	7.0	43.0	42.9	43.2
13	Burlington ¹⁰	36.6	36.1	35.3	-	-	-	-	-	-	10.8	10.4	10.8
14	Springfield ¹⁰	13.5	13.6	13.2	-	-	-	-	-	-	6.7	6.7	6.5
15	VIRGINIA ⁴	1,430.2	1,430.0	1,397.6	15.0	14.9	13.4	86.6	86.1	85.1	363.0	364.4	370.0
16	Lynchburg	51.9	52.0	49.1	(2)	(2)	(2)	2.7	2.7	2.4	24.5	24.6	23.2
17	Newport News-Hampton	95.2	95.9	94.1	(2)	(2)	(2)	4.7	4.7	4.8	25.7	26.4	27.2
18	Norfolk-Portsmouth	194.5	194.7	189.8	(2)	(2)	(2)	12.4	12.5	12.1	19.2	18.9	20.0
19	Northern Virginia ¹¹	249.6	250.4	241.5	.4	.4	.4	19.4	19.4	18.7	9.0	9.0	9.4
20	Richmond	234.8	234.4	227.1	.2	.2	.2	14.8	14.7	14.3	52.2	52.2	52.4
21	Roanoke	80.3	79.1	77.3	.1	.1	.1	4.1	4.2	4.4	19.5	18.1	18.7
22	WASHINGTON	1,096.2	1,103.9	1,081.8	1.8	1.8	1.3	51.2	51.3	47.8	257.3	262.9	275.1
23	Seattle-Everett	548.2	553.2	551.7	(2)	(2)	(2)	26.5	26.9	26.5	148.0	152.8	165.9
24	Spokane	87.1	87.4	85.2	(2)	(2)	(2)	3.8	4.0	3.0	12.1	12.4	13.3
25	Tacoma	107.1	106.9	105.1	(2)	(2)	(2)	5.2	5.3	5.2	19.6	19.7	20.2
26	WEST VIRGINIA	506.2	507.7	498.8	47.5	47.6	45.8	22.0	22.2	21.8	127.6	128.9	129.0
27	Charleston	80.4	80.5	82.2	3.8	3.8	3.5	3.2	3.3	3.9	17.1	17.1	19.2
28	Huntington-Ashland	80.1	80.6	78.8	.5	.5	.5	3.0	2.9	3.4	26.2	26.5	25.0
29	Wheeling	57.5	57.6	55.8	4.8	4.7	4.0	3.2	3.1	3.3	15.6	15.5	15.5
30	WISCONSIN	1,505.2	1,510.7	1,477.7	2.1	2.1	1.8	56.0	57.1	56.9	501.4	508.4	515.5
31	Green Bay	53.5	53.7	51.7	(2)	(2)	(2)	2.2	2.3	2.5	16.7	16.6	16.1
32	Kenosha	34.6	34.4	33.1	(2)	(2)	(2)	1.1	1.1	1.2	16.0	15.9	15.4
33	La Crosse	29.3	29.3	28.7	(2)	(2)	(2)	1.2	1.2	1.0	8.2	8.2	8.3
34	Madison	120.6	120.2	115.9	(2)	(2)	(2)	5.9	5.9	5.3	16.3	16.3	16.5
35	Milwaukee	569.0	568.5	560.4	(2)	(2)	(2)	20.5	20.8	21.3	210.6	210.8	214.3
36	Racine	55.0	55.7	54.8	(2)	(2)	(2)	1.5	1.5	1.5	25.5	26.2	26.1
37	WYOMING	102.0	103.4	97.7	11.2	11.5	11.3	4.5	4.7	4.8	7.3	7.4	6.3
38	Casper	18.7	19.7	18.3	3.6	4.4	3.6	.9	1.0	1.0	1.3	1.4	.8
39	Cheyenne	17.7	17.8	17.3	(2)	(2)	(2)	.8	.8	.7	1.1	1.2	.9

¹ Revised to 1969 benchmark; not strictly comparable with previously published data.

² Combined with services.

³ Combined with construction.

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

⁵ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁷ Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Subarea of New York Standard Metropolitan Statistical Area.

¹⁰ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.

¹¹ Subarea of Washington, D. C. Standard Metropolitan Statistical Area.

* Not available.

NOTE: Data for the current year 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			
Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	
53.0	52.6	49.6	171.8	172.6	161.3	54.4	53.8	49.6	99.2	98.2	91.3	68.3	68.3	64.2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
15.3	15.4	15.0	61.5	61.4	57.4	12.1	12.1	10.9	36.8	36.4	35.3	34.5	34.2	33.6	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
66.4	66.1	52.7	184.9	186.2	175.5	39.8	39.6	36.9	139.6	138.3	129.1	89.9	88.4	82.2	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.0	11.1	11.0	63.1	63.5	61.1	16.2	16.0	16.2	44.6	44.5	43.8	74.0	74.0	74.7	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.0	23.0	22.6	74.7	75.2	73.0	14.5	14.6	13.6	54.6	54.1	51.7	101.8	100.1	101.0	10
15.2	15.3	14.8	47.9	48.0	46.6	10.7	10.6	10.3	29.6	29.6	28.0	36.0	36.0	34.5	11
7.7	7.8	7.5	27.0	26.7	25.7	5.3	5.3	5.0	27.5	27.2	26.0	25.6	25.5	24.4	12
1.8	1.8	1.7	7.3	6.9	7.1	-	-	-	6.6	6.6	6.4	-	-	-	13
.9	.9	.9	1.8	1.8	1.8	-	-	-	1.9	1.9	1.9	-	-	-	14
96.3	95.6	90.7	296.7	298.5	282.0	67.4	67.1	62.6	205.9	205.0	200.7	299.3	298.4	293.1	15
2.4	2.4	2.2	8.6	8.6	7.9	1.9	1.9	1.9	6.2	6.2	6.1	5.6	5.6	5.4	16
4.1	4.0	3.6	16.8	16.9	15.1	2.9	2.9	2.8	12.4	12.3	11.6	28.6	28.7	29.0	17
16.2	16.3	13.7	47.4	47.6	45.0	9.2	9.2	8.9	29.4	29.4	27.9	60.7	60.8	62.2	18
19.7	19.7	18.5	59.5	60.0	55.4	15.1	15.1	13.7	44.3	44.4	43.2	82.2	82.4	82.2	19
17.8	17.8	17.4	53.6	53.8	50.6	18.1	17.8	17.0	34.5	34.3	33.3	43.6	43.6	41.9	20
10.8	10.9	10.4	18.9	19.0	17.9	4.2	4.2	3.9	12.5	12.5	12.2	10.2	10.1	9.7	21
73.8	74.2	71.4	239.3	243.8	230.9	58.6	58.2	56.3	169.2	168.5	161.4	245.0	243.2	237.6	22
40.1	40.1	39.3	122.6	123.3	117.5	36.0	35.9	34.5	83.9	83.5	78.8	91.1	90.7	89.2	23
7.3	7.3	7.4	22.8	22.8	22.3	5.1	5.1	4.8	18.1	18.1	17.3	17.9	17.7	17.1	24
6.9	6.6	6.6	23.7	24.1	22.8	6.3	6.2	5.9	18.6	18.4	17.8	26.8	26.6	26.6	25
41.0	40.9	40.5	92.3	92.7	89.6	15.2	15.1	14.8	64.2	63.6	62.5	96.5	96.7	94.9	26
8.8	8.8	8.6	18.4	18.5	18.2	3.9	3.9	3.7	11.4	11.3	11.4	13.8	13.8	13.6	27
7.9	8.0	7.9	17.7	17.7	17.2	2.8	2.8	2.8	9.8	9.9	9.9	12.3	12.3	12.1	28
3.7	3.7	3.5	12.5	12.5	12.0	2.1	2.1	2.0	9.0	8.9	8.9	6.7	7.1	6.5	29
79.0	79.5	76.6	322.8	325.8	305.7	60.4	60.1	57.3	218.9	215.9	210.3	264.7	261.9	253.6	30
4.4	4.4	4.3	13.8	14.0	13.0	1.4	1.4	1.3	8.0	8.0	7.8	7.0	6.9	6.7	31
1.3	1.3	1.3	5.9	5.9	5.7	.7	.7	.6	4.8	4.8	4.6	4.7	4.6	4.2	32
2.2	2.2	2.2	7.1	7.1	6.8	.6	.6	.6	5.5	5.4	5.3	4.6	4.6	4.5	33
5.5	5.5	5.0	23.8	23.7	22.5	6.4	6.4	6.0	17.0	16.8	16.1	45.8	45.6	44.5	34
30.7	30.7	29.6	121.2	123.2	115.3	28.5	28.2	27.3	84.7	83.1	82.1	72.9	71.7	70.5	35
2.2	2.2	2.2	9.5	9.6	9.2	1.4	1.4	1.4	7.7	7.6	7.5	7.3	7.2	7.0	36
10.6	10.7	10.1	23.2	23.7	20.8	3.7	3.7	3.6	13.7	13.7	12.9	27.8	28.0	27.9	37
1.4	1.4	1.5	4.6	4.6	4.4	.8	.8	.8	2.4	2.4	2.4	3.7	3.7	3.8	38
2.3	2.3	2.4	3.8	3.9	3.8	1.0	1.0	1.0	3.1	3.1	2.9	5.6	5.5	5.6	39

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	75.00	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
1969	114.61	37.7	3.04	129.51	40.6	3.19	139.59	41.3	3.38	115.53	39.7	2.91
1969: 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	115.14	38.0	3.03	129.65	40.9	3.17	139.44	41.5	3.36	115.31	39.9	2.89
July	115.82	38.1	3.04	129.20	40.5	3.19	137.83	40.9	3.37	116.22	39.8	2.92
August	116.51	38.2	3.05	129.51	40.6	3.19	139.33	41.1	3.39	116.51	39.9	2.92
September	117.80	38.0	3.10	132.84	41.0	3.24	143.45	41.7	3.44	118.00	40.0	2.95
October	117.25	37.7	3.11	131.87	40.7	3.24	142.42	41.4	3.44	117.51	39.7	2.96
November	117.00	37.5	3.12	132.36	40.6	3.26	142.14	41.2	3.45	118.21	39.8	2.97
December	117.25	37.7	3.11	134.89	41.0	3.29	145.53	41.7	3.49	119.60	40.0	2.99
1970: January	116.12	37.1	3.13	131.93	40.1	3.29	142.04	40.7	3.49	117.99	39.2	3.01
February	116.87	37.1	3.15	130.54	39.8	3.28	140.24	40.3	3.48	117.69	39.1	3.01
March	117.55	37.2	3.16	132.40	40.0	3.31	142.10	40.6	3.50	118.38	39.2	3.02

Year and month	Mining			Contract construction			Wholesale and retail trade			Finance, insurance, and real estate		
	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
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
1969	154.73	43.1	3.59	181.64	38.0	4.78	91.14	35.6	2.56	108.33	37.1	2.92
1969: 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	150.88	42.5	3.55	181.34	38.5	4.71	91.55	35.9	2.55	108.70	37.1	2.93
July	154.30	43.1	3.58	183.91	38.8	4.74	93.08	36.5	2.55	107.96	37.1	2.91
August	156.88	43.7	3.59	187.77	39.2	4.79	93.70	36.6	2.56	108.04	37.0	2.92
September	157.91	43.5	3.63	192.96	39.3	4.91	92.46	35.7	2.59	108.41	37.0	2.93
October	159.71	43.4	3.68	190.08	38.4	4.95	92.13	35.3	2.61	109.07	37.1	2.94
November	160.58	43.4	3.70	184.02	37.1	4.96	92.58	35.2	2.63	110.86	37.2	2.98
December	160.58	43.4	3.70	189.25	37.7	5.02	92.92	35.6	2.61	110.26	37.0	2.98
1970: January	158.58	42.4	3.74	180.64	35.7	5.06	93.02	35.1	2.65	111.07	36.9	3.01
February	159.70	42.7	3.74	185.98	36.9	5.04	93.80	35.0	2.68	112.48	37.0	3.04
March	159.42	42.4	3.76	189.75	37.5	5.06	94.07	35.1	2.68	112.48	37.0	3.04

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
	TOTAL PRIVATE	\$117.55	\$116.87	\$116.12	\$111.67	\$110.11	\$3.16	\$3.15	\$3.13	\$2.97	\$2.96
	MINING	159.42	159.70	158.58	148.54	149.60	3.76	3.74	3.74	3.52	3.52
10	METAL MINING.....	-	159.42	160.45	152.50	152.06	-	3.76	3.74	3.53	3.52
101	Iron ores.....	-	158.15	159.74	152.34	149.14	-	3.82	3.84	3.61	3.62
102	Copper ores.....	-	168.21	167.93	160.19	161.59	-	3.78	3.74	3.49	3.49
11,11,12	COAL MINING.....	-	180.84	177.80	157.10	165.65	-	4.40	4.39	4.07	4.09
12	Bituminous coal and lignite mining....	-	183.34	180.67	159.47	167.68	-	4.45	4.45	4.11	4.12
13	OIL AND GAS EXTRACTION.....	-	153.47	153.56	146.20	145.77	-	3.52	3.53	3.40	3.39
131,2	Crude petroleum and natural gas fields.	-	153.87	156.08	146.06	146.32	-	3.79	3.77	3.58	3.56
138	Oil and gas field services.....	-	153.55	151.87	146.41	144.98	-	3.36	3.39	3.29	3.28
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	145.06	140.95	139.86	135.29	-	3.35	3.34	3.15	3.11
142	Crushed and broken stone.....	-	142.88	135.78	138.92	130.09	-	3.24	3.21	3.06	2.97
	CONTRACT CONSTRUCTION	189.75	185.98	180.64	171.86	166.90	5.06	5.04	5.06	4.62	4.56
15	GENERAL BUILDING CONTRACTORS.....	-	174.48	166.50	161.54	158.76	-	4.82	4.84	4.45	4.41
16	HEAVY CONSTRUCTION CONTRACTORS.....	-	182.40	180.57	171.36	164.42	-	4.56	4.63	4.20	4.09
161	Highway and street construction.....	-	154.79	151.40	152.00	145.02	-	4.01	4.07	3.80	3.69
162	Heavy construction, n.e.c.....	-	197.47	196.00	183.37	175.82	-	4.84	4.90	4.44	4.32
17	SPECIAL TRADE CONTRACTORS.....	-	193.86	188.67	178.72	173.02	-	5.37	5.36	4.91	4.86
171	Plumbing, heating, air conditioning...	-	207.69	210.05	193.00	186.12	-	5.48	5.47	5.00	4.95
172	Painting, paper hanging, decorating...	-	173.45	171.84	164.72	156.98	-	4.97	5.01	4.64	4.59
173	Electrical work.....	-	233.02	230.87	211.58	204.91	-	5.84	5.83	5.37	5.35
174	Masonry, stonework, and plastering....	-	167.83	151.84	155.62	151.92	-	5.18	5.20	4.73	4.66
176	Roofing and sheetmetal work.....	-	151.53	142.67	144.32	139.07	-	4.78	4.74	4.36	4.24
	MANUFACTURING ...	132.40	130.54	131.93	127.39	124.80	3.31	3.28	3.29	3.13	3.12
19,24,25, 32-39	DURABLE GOODS...	142.10	140.24	142.04	137.45	135.05	3.50	3.48	3.49	3.32	3.31
20-23,26-31	NONDURABLE GOODS... <i>Durable Goods</i>	118.38	117.69	117.99	113.15	110.48	3.02	3.01	3.01	2.85	2.84
19	ORDNANCE AND ACCESSORIES.....	147.24	145.66	145.96	137.23	135.54	3.60	3.57	3.56	3.38	3.38
192	Ammunition, except for small arms...	144.13	140.70	141.69	133.60	135.94	3.55	3.50	3.49	3.34	3.34
1925	Complete guided missiles.....	-	173.46	175.11	162.99	164.94	-	4.13	4.13	3.89	3.89
1929	Ammunition, exc. for small arms, nec	-	121.21	122.36	116.70	119.89	-	3.10	3.09	3.00	3.02
24	LUMBER AND WOOD PRODUCTS.....	112.07	110.43	109.98	107.86	104.40	2.83	2.81	2.82	2.65	2.61
242	Sawmills and planing mills.....	(*)	105.81	105.38	102.62	101.15	(*)	2.72	2.73	2.54	2.51
2421	Sawmills and planing mills, general.	-	109.03	108.57	105.85	104.12	-	2.81	2.82	2.62	2.59
243	Millwork, plywood & related products.	119.80	120.20	118.80	118.56	114.93	3.01	3.02	3.00	2.85	2.81
2431	Millwork.....	-	117.39	117.39	110.83	108.25	-	3.01	3.01	2.82	2.79
2432	Veneer and plywood.....	-	120.99	119.29	124.83	120.27	-	2.98	2.96	2.85	2.81
244	Wooden containers.....	(*)	92.43	90.17	89.82	87.47	(*)	2.37	2.33	2.24	2.22
2441,2	Wooden boxes, shoo, and crates...	-	89.31	87.46	87.89	84.50	-	2.29	2.26	2.17	2.15
249	Miscellaneous wood products.....	101.30	101.20	99.00	97.82	94.16	2.52	2.53	2.50	2.38	2.36
25	FURNITURE AND FIXTURES.....	106.23	104.49	105.42	103.42	100.84	2.71	2.70	2.71	2.56	2.54
251	Household furniture.....	99.97	97.67	97.92	97.93	95.83	2.57	2.55	2.55	2.43	2.42
2511	Wood household furniture.....	-	92.88	93.60	93.71	91.48	-	2.40	2.40	2.28	2.27
2512	Upholstered household furniture....	-	103.57	103.30	104.28	101.14	-	2.74	2.74	2.62	2.60
2515	Mattresses and bedsprings.....	-	105.46	105.74	102.43	102.64	-	2.79	2.79	2.64	2.68
252	Office furniture.....	-	121.81	125.05	121.96	117.96	-	3.03	3.05	2.89	2.87
254	Partitions and fixtures.....	-	126.75	130.54	124.53	122.67	-	3.25	3.28	3.09	3.09
253,9	Other furniture and fixtures.....	113.15	113.08	114.73	108.80	107.60	2.85	2.87	2.89	2.72	2.69
32	STONE, CLAY, AND GLASS PRODUCTS..	136.70	133.82	134.15	129.27	126.38	3.31	3.28	3.28	3.10	3.06
321	Flat glass.....	-	173.47	180.99	163.51	163.83	-	4.15	4.18	3.94	3.91
322	Glass and glassware, pressed or blown	140.56	135.41	137.35	133.08	128.52	3.42	3.36	3.35	3.23	3.15
3221	Glass containers.....	-	138.17	142.27	139.19	132.02	-	3.42	3.42	3.33	3.22
3229	Pressed and blown glass, n.e.c.....	-	131.45	130.65	124.12	123.53	-	3.27	3.25	3.08	3.05
324	Cement, hydraulic.....	167.22	164.39	166.00	148.26	146.50	4.01	3.99	4.00	3.53	3.53
325	Structural clay products.....	114.49	108.86	107.41	106.92	104.78	2.82	2.77	2.74	2.64	2.60
3251	Brick and structural clay tile.....	-	100.23	99.72	100.28	98.82	-	2.59	2.57	2.47	2.44
326	Pottery and related products.....	-	115.53	114.17	113.88	111.95	-	2.97	2.95	2.84	2.82
327	Concrete, gypsum, and plaster products.....	138.60	134.88	131.05	131.82	127.14	3.30	3.25	3.26	3.08	3.02
328,9	Other stone and nonmetallic mineral products.....	134.89	135.30	136.62	131.15	128.44	3.29	3.30	3.30	3.13	3.11
3291	Abrasive products.....	-	131.63	136.21	129.20	122.56	-	3.41	3.38	3.23	3.20

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
-	TOTAL PRIVATE	37.2	37.1	37.1	37.6	37.2	-	-	-	-	-
-	MINING	42.4	42.7	42.4	42.2	42.5	-	-	-	-	-
10	METAL MINING	-	42.4	42.9	43.2	43.2	-	-	-	-	-
101	Iron ores	-	41.4	41.6	42.2	41.2	-	-	-	-	-
102	Copper ores	-	44.5	44.9	45.9	46.3	-	-	-	-	-
11,12	COAL MINING	-	41.1	40.5	38.6	40.5	-	-	-	-	-
12	Bituminous coal and lignite mining . .	-	41.2	40.6	38.8	40.7	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	43.6	43.5	43.0	43.0	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.6	41.4	40.8	41.1	-	-	-	-	-
138	Oil and gas field services	-	45.7	44.8	44.5	44.2	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	43.3	42.2	44.4	43.5	-	-	-	-	-
142	Crushed and broken stone	-	44.1	42.3	45.4	43.8	-	-	-	-	-
-	CONTRACT CONSTRUCTION	37.5	36.9	35.7	37.2	36.6	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	36.2	34.4	36.3	36.0	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS . . .	-	40.0	39.0	40.8	40.2	-	-	-	-	-
161	Highway and street construction	-	38.6	37.2	40.0	39.3	-	-	-	-	-
162	Heavy construction, n e c	-	40.8	40.0	41.3	40.7	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	36.1	35.2	36.4	35.6	-	-	-	-	-
171	Plumbing, heating, air conditioning . .	-	37.9	38.4	38.6	37.6	-	-	-	-	-
172	Painting, paper hanging, decorating . .	-	34.9	34.3	35.5	34.2	-	-	-	-	-
173	Electrical work	-	39.9	39.6	39.4	38.3	-	-	-	-	-
174	Masonry, stonework, and plastering . .	-	32.4	29.2	32.9	32.6	-	-	-	-	-
176	Roofing and sheet metal work	-	31.7	30.1	33.1	32.8	-	-	-	-	-
-	MANUFACTURING	40.0	39.8	40.1	40.7	40.0	3.0	3.0	3.2	3.5	3.3
19,24,25, 32-39	DURABLE GOODS	40.6	40.3	40.7	41.4	40.8	3.0	3.0	3.3	3.7	3.6
20-23,26-31	NONDURABLE GOODS	39.2	39.1	39.2	39.7	38.9	2.9	3.0	3.1	3.2	3.0
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	40.9	40.8	41.0	40.6	40.1	-	2.3	2.6	2.6	2.7
192	Ammunition, except for small arms . . .	40.6	40.2	40.6	40.0	40.7	-	2.0	2.2	2.2	2.6
1925	Complete guided missiles	-	42.0	42.4	41.9	42.4	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	39.1	39.6	38.9	39.7	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	39.6	39.3	39.0	40.7	40.0	-	3.3	3.2	4.1	3.8
242	Sawmills and planing mills	(*)	38.9	38.6	40.4	40.3	-	3.4	3.3	4.3	3.9
2421	Sawmills and planing mills, general . .	-	38.8	38.5	40.4	40.2	-	-	-	-	-
243	Millwork, plywood & related products . .	39.8	39.8	39.6	41.6	40.9	-	3.0	2.9	4.3	4.1
2431	Millwork	-	39.0	39.0	39.3	38.8	-	-	-	-	-
2432	Veneer and plywood	-	40.6	40.3	43.8	42.8	-	-	-	-	-
244	Wooden containers	(*)	39.0	38.7	40.1	39.4	-	3.2	3.1	3.5	3.1
2441,2	Wooden boxes, shoo, and crates	-	39.0	38.7	40.5	39.3	-	-	-	-	-
249	Miscellaneous wood products	40.2	40.0	39.6	41.1	39.9	-	3.3	3.2	4.0	3.6
25	FURNITURE AND FIXTURES	39.2	38.7	38.9	40.4	39.7	-	2.3	2.5	3.2	3.0
251	Household furniture	38.9	38.3	38.4	40.3	39.6	-	2.1	2.3	3.2	2.9
2511	Wood household furniture	-	38.7	39.0	41.1	40.3	-	-	-	-	-
2512	Upholstered household furniture	-	37.8	37.7	39.8	38.9	-	-	-	-	-
2515	Mattresses and bedsprings	-	37.8	37.9	38.8	38.3	-	-	-	-	-
252	Office furniture	-	40.2	41.0	42.2	41.1	-	3.2	3.7	4.6	3.7
254	Partitions and fixtures	-	39.0	39.8	40.3	39.7	-	2.5	2.9	3.1	3.0
253,9	Other furniture and fixtures	39.7	39.4	39.7	40.0	40.0	-	2.5	2.7	2.9	3.1
32	STONE, CLAY, AND GLASS PRODUCTS . . .	41.3	40.8	40.9	41.7	41.3	-	3.9	4.0	4.5	4.3
321	Flat glass	-	41.8	43.3	41.5	41.9	-	3.9	4.5	3.8	4.0
322	Glass and glassware, pressed or blown .	41.1	40.3	41.0	41.2	40.8	-	4.0	4.3	4.5	4.2
3221	Glass containers	-	40.4	41.6	41.8	41.0	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	40.2	40.2	40.3	40.5	-	-	-	-	-
324	Cement, hydraulic	41.7	41.2	41.5	42.0	41.5	-	2.8	3.0	3.0	2.7
325	Structural clay products	40.6	39.3	39.2	40.5	40.3	-	3.1	3.2	3.8	3.5
3251	Brick and structural clay tile	-	38.7	38.8	40.6	40.5	-	-	-	-	-
326	Pottery and related products	-	38.9	38.7	40.1	39.7	-	2.7	2.5	2.8	2.6
327	Concrete, gypsum and plaster products	42.0	41.5	40.2	42.8	42.1	-	4.9	4.8	6.1	5.8
328,9	Other stone and nonmetallic mineral products	41.0	41.0	41.4	41.9	41.3	-	3.6	3.9	4.0	3.8
3291	Abrasive products	-	38.6	40.3	40.0	38.3	-	-	-	-	-

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					
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	
	<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	\$157.08	\$157.08	\$159.42	\$155.82	\$153.14	\$3.85	\$3.85	\$3.86	\$3.71	\$3.69	
331	Blast furnace and basic steel products ..	(*)	164.02	166.06	162.29	159.92	(*)	4.07	4.07	3.92	3.91	
3312	Blast furnaces and steel mills	-	166.03	168.09	164.79	162.38	-	4.13	4.13	3.99	3.98	
332	Iron and steel foundries	149.19	148.88	153.82	147.35	146.51	3.63	3.64	3.68	3.50	3.48	
3321	Gray iron foundries	-	145.04	152.21	145.95	146.72	-	3.59	3.65	3.50	3.51	
3322	Malleable iron foundries	-	166.00	168.08	152.46	148.68	-	4.15	4.14	3.63	3.60	
3323	Steel foundries	-	151.37	152.44	148.70	146.69	-	3.57	3.57	3.45	3.38	
333,4	Nonferrous metals	155.18	153.04	153.82	146.86	146.86	3.66	3.67	3.68	3.48	3.48	
3334	Primary aluminum	-	162.40	165.21	162.15	162.51	-	4.00	4.01	3.89	3.86	
335	Nonferrous rolling and drawing	152.40	151.68	153.97	151.98	148.47	3.62	3.62	3.64	3.51	3.51	
3351	Copper rolling and drawing	-	152.67	157.25	154.34	149.39	-	3.67	3.70	3.54	3.54	
3352	Aluminum rolling and drawing	-	153.41	155.66	155.81	155.81	-	3.67	3.68	3.59	3.59	
3357	Nonferrous wire drawing and insulating ..	-	150.23	151.43	148.61	143.52	-	3.56	3.58	3.44	3.45	
336	Nonferrous foundries	137.83	136.68	138.11	135.46	135.05	3.42	3.40	3.41	3.28	3.27	
3361	Aluminum castings	-	138.40	140.19	140.27	140.95	-	3.46	3.47	3.38	3.38	
3362,9	Other nonferrous castings	-	134.94	135.27	130.60	129.24	-	3.34	3.34	3.17	3.16	
339	Miscellaneous primary metal products ..	168.50	167.26	169.72	171.07	166.99	4.07	4.04	4.07	3.96	3.92	
3391	Iron and steel forgings	-	172.60	174.26	177.59	174.66	-	4.22	4.24	4.13	4.10	
34	FABRICATED METAL PRODUCTS	142.27	140.42	141.04	136.45	133.01	3.47	3.45	3.44	3.28	3.26	
341	Metal cans	173.89	169.38	169.22	162.69	161.93	3.97	3.89	3.81	3.81	3.81	
342	Cutlery, hand tools, and hardware	131.86	130.07	132.84	131.33	127.75	3.28	3.26	3.28	3.18	3.17	
3421,3,5	Cutlery and hand tools, incl. saws.	-	131.38	130.17	129.98	125.56	-	3.26	3.23	3.08	3.07	
3429	Hardware, n e c	-	128.77	135.12	132.60	129.68	-	3.26	3.32	3.25	3.25	
343	Plumbing and heating, except electric ..	128.55	126.15	126.40	124.24	124.44	3.23	3.21	3.20	3.06	3.05	
3431,2	Sanitary ware & plumbers' brass goods ..	-	127.20	129.56	130.10	129.69	-	3.27	3.28	3.12	3.11	
3433	Heating equipment, except electric	-	125.77	123.55	119.10	119.60	-	3.16	3.12	3.00	2.99	
344	Fabricated structural metal products	140.94	139.15	138.92	132.11	129.28	3.48	3.47	3.43	3.23	3.20	
3441	Fabricated structural steel	-	140.76	138.79	130.88	127.43	-	3.45	3.41	3.20	3.17	
3442	Metal doors, sash, and trim	-	115.97	116.27	111.56	108.64	-	3.06	3.02	2.81	2.80	
3443	Fabricated plate work (boiler shops) ..	-	149.60	150.54	144.06	141.36	-	3.64	3.61	3.43	3.39	
3444	Sheer metal work	-	145.27	146.65	138.99	136.82	-	3.65	3.63	3.39	3.37	
3446,9	Architectural and misc. metal work	-	131.14	130.73	124.89	122.85	-	3.32	3.26	3.13	3.11	
345	Screw machine products, bolts, etc.	141.66	142.35	144.48	144.75	139.68	3.43	3.43	3.44	3.32	3.31	
3451	Screw machine products	-	137.76	139.11	138.14	130.15	-	3.36	3.36	3.22	3.19	
3452	Bolts, nuts, rivets, and washers	-	146.65	149.53	150.72	148.77	-	3.50	3.51	3.41	3.42	
346	Metal stampings	157.63	153.71	158.00	150.00	145.20	3.78	3.74	3.78	3.58	3.55	
347	Metal services, n e c	126.79	125.86	124.22	120.72	119.07	3.10	3.10	3.09	2.93	2.94	
348	Misc. fabricated wire products	125.33	124.84	125.86	122.07	119.39	3.11	3.09	3.10	2.97	2.97	
349	Misc. fabricated metal products	139.74	140.42	139.59	132.51	130.06	3.40	3.40	3.38	3.17	3.18	
3494,8	Valves, pipe, and pipe fittings	-	143.31	143.10	134.08	132.34	-	3.47	3.44	3.20	3.22	
35	MACHINERY, EXCEPT ELECTRICAL	157.08	155.87	156.14	151.36	148.82	3.74	3.72	3.70	3.52	3.51	
351	Engines and turbines	171.38	166.06	165.55	162.31	163.50	4.10	4.07	3.97	3.81	3.82	
3511	Steam engines and turbines	-	168.84	165.36	166.60	167.06	-	4.20	3.90	3.92	3.94	
3519	Internal combustion engines, n e c	-	164.41	165.57	160.60	162.11	-	4.01	3.98	3.77	3.77	
352	Farm machinery	-	147.83	145.84	140.76	140.48	-	3.65	3.61	3.45	3.46	
353	Construction and related machinery	156.56	154.98	154.19	149.99	149.21	3.71	3.69	3.68	3.48	3.47	
3531,2	Construction and mining machinery	-	162.43	160.78	153.58	153.15	-	3.84	3.81	3.58	3.57	
3533	Oil field machinery	-	144.24	144.32	140.28	141.70	-	3.41	3.42	3.27	3.28	
3535,6	Conveyors, hoists, cranes, monorails ..	-	151.68	152.82	150.67	147.99	-	3.62	3.63	3.44	3.44	
3537	Industrial trucks and tractors	-	134.06	134.98	145.19	143.88	-	3.36	3.40	3.33	3.30	
354	Metal working machinery	180.87	180.46	180.78	171.20	167.64	4.12	4.12	4.09	3.83	3.81	
3541	Machine tools, metal cutting types	-	170.77	169.38	165.75	160.02	-	3.99	3.93	3.75	3.73	
3544	Special dies, tools, jigs & fixtures	-	207.01	209.23	190.70	188.24	-	4.51	4.49	4.11	4.11	
3545	Machine tool accessories	-	155.58	156.24	154.34	149.32	-	3.74	3.72	3.54	3.53	
3542,8	Misc. metal working machinery	-	157.36	157.19	153.01	152.22	-	3.72	3.69	3.55	3.54	
355	Special industry machinery	146.70	146.01	146.28	141.80	136.69	3.46	3.46	3.45	3.29	3.27	
3551	Food products machinery	-	154.94	153.65	145.09	139.93	-	3.62	3.59	3.39	3.38	
3552	Textile machinery	-	120.29	121.18	119.28	114.95	-	2.97	2.97	2.80	2.79	
3555	Printing trades machinery	-	156.28	158.48	153.72	147.86	-	3.66	3.66	3.55	3.54	
356	General industrial machinery	152.77	152.67	153.35	149.95	145.67	3.69	3.67	3.66	3.52	3.51	
3561	Pumps and compressors	-	151.20	151.01	141.70	137.83	-	3.60	3.57	3.39	3.37	
3562	Ball and roller bearings	-	152.48	158.25	156.45	151.48	-	3.71	3.75	3.63	3.65	
3564	Blowers and fans	-	139.28	138.94	133.31	129.92	-	3.34	3.34	3.22	3.20	
3566	Power transmission equipment	-	155.30	153.67	153.91	148.40	-	3.68	3.65	3.53	3.50	
357	Office and computing machines	150.33	149.24	152.40	148.67	146.58	3.64	3.64	3.62	3.49	3.49	
3573	Electronic computing equipment	-	152.21	154.44	151.12	150.68	-	3.65	3.60	3.49	3.48	
358	Service industry machines	133.72	130.28	131.08	131.84	128.39	3.31	3.29	3.31	3.20	3.17	
3585	Refrigeration machinery	-	131.14	131.93	134.88	131.61	-	3.32	3.34	3.25	3.21	
359	Misc. machinery, except electrical	153.19	151.86	153.00	147.80	144.57	3.63	3.59	3.60	3.39	3.37	

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	40.8	40.8	41.3	42.0	41.5	-	3.2	3.6	4.0	3.9
331	Blast furnace and basic steel products . .	(*)	40.3	40.8	41.4	40.9	-	2.5	2.7	3.0	2.8
3312	Blast furnaces and steel mills	-	40.2	40.7	41.3	40.8	-	-	-	-	-
332	Iron and steel foundries	41.1	40.9	41.8	42.1	42.1	-	4.2	4.8	5.0	5.2
3321	Gray iron foundries	-	40.4	41.7	41.7	41.8	-	-	-	-	-
3322	Malleable iron foundries	-	40.0	40.6	42.0	41.3	-	-	-	-	-
3323	Steel foundries	-	42.4	42.7	43.1	43.4	-	-	-	-	-
333,4	Nonferrous metals	42.4	41.7	41.8	42.2	42.2	-	4.2	4.5	4.3	4.4
3334	Primary aluminum	-	40.6	41.2	41.9	42.1	-	-	-	-	-
335	Nonferrous rolling and drawing	42.1	41.9	42.3	43.3	42.3	-	4.0	4.3	5.3	5.0
3351	Copper rolling and drawing	-	41.6	42.5	43.6	42.2	-	-	-	-	-
3352	Aluminum rolling and drawing	-	41.8	42.3	43.4	43.4	-	-	-	-	-
3357	Nonferrous wire drawing and insulating . .	-	42.2	42.3	43.2	41.6	-	-	-	-	-
336	Nonferrous foundries	40.3	40.2	40.5	41.3	41.3	-	3.0	3.0	4.2	4.2
3361	Aluminum castings	-	40.0	40.4	41.5	41.7	-	-	-	-	-
3362,9	Other nonferrous castings	-	40.4	40.5	41.2	40.9	-	-	-	-	-
339	Miscellaneous primary metal products . .	41.4	41.4	41.7	43.2	42.6	-	3.8	4.1	5.6	5.3
3391	Iron and steel forgings	-	40.9	41.1	43.0	42.6	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.0	40.7	41.0	41.6	40.8	-	3.3	3.6	4.0	3.8
341	Metal cans	43.8	43.1	43.5	42.7	42.5	-	4.1	4.8	4.3	4.8
342	Cutlery, hand tools, and hardware	40.2	39.9	40.5	41.3	40.3	-	2.6	2.9	3.4	3.2
3421,3,5	Cutlery and hand tools, incl. saws	-	40.3	40.3	42.2	40.9	-	-	-	-	-
3429	Hardware, n e c	-	39.5	40.7	40.8	39.9	-	-	-	-	-
343	Plumbing and heating, except electric . .	39.8	39.3	39.5	40.6	40.8	-	2.3	2.6	3.4	3.4
3431,2	Sanitary ware & plumbers' brass goods . .	-	38.9	39.5	41.7	41.7	-	-	-	-	-
3433	Heating equipment, except electric	-	39.8	39.6	39.7	40.0	-	-	-	-	-
344	Fabricated structural metal products	40.5	40.1	40.5	40.9	40.4	-	3.0	3.2	3.4	3.3
3441	Fabricated structural steel	-	40.8	40.7	40.9	40.2	-	-	-	-	-
3442	Metal doors, sash, and trim	-	37.9	38.5	39.7	38.8	-	-	-	-	-
3443	Fabricated plate work (boiler shops) . . .	-	41.1	41.7	42.0	41.7	-	-	-	-	-
3444	Sheet metal work	-	39.8	40.4	41.0	40.6	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	39.5	40.1	39.9	39.5	-	-	-	-	-
345	Screw machine products, bolts, etc.	41.3	41.5	42.0	43.6	42.2	-	3.9	4.8	5.8	5.4
3451	Screw machine products	-	41.0	41.4	42.9	40.8	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	41.9	42.6	44.2	43.5	-	-	-	-	-
346	Metal stampings	41.7	41.1	41.8	41.9	40.9	-	3.4	4.0	4.4	3.9
347	Metal services, n e c	40.9	40.6	40.2	41.2	40.5	-	4.4	4.3	4.4	4.2
348	Misc. fabricated wire products	40.3	40.4	40.6	41.1	40.2	-	3.1	3.5	3.7	3.6
349	Misc. fabricated metal products	41.1	41.3	41.3	41.8	40.9	-	3.8	3.5	4.1	3.8
3494,8	Valves, pipe, and pipe fittings	-	41.3	41.6	41.9	41.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	42.0	41.9	42.2	43.0	42.4	-	4.0	4.2	4.7	4.6
351	Engines and turbines	41.8	40.8	41.7	42.6	42.8	-	3.4	4.5	5.1	5.4
3511	Steam engines and turbines	-	40.2	42.4	42.5	42.4	-	-	-	-	-
3519	Internal combustion engines, n e c	-	41.0	41.6	42.6	43.0	-	-	-	-	-
352	Farm machinery	-	40.5	40.4	40.8	40.6	-	2.7	2.7	2.8	2.5
353	Construction and related machinery	42.2	42.0	41.9	43.1	43.0	-	3.8	4.0	4.6	4.6
3531,2	Construction and mining machinery	-	42.3	42.2	42.9	42.9	-	-	-	-	-
3533	Oil field machinery	-	42.3	42.2	42.9	43.2	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails . . .	-	41.9	42.1	43.8	43.4	-	-	-	-	-
3537	Industrial trucks and tractors	-	39.9	39.7	43.6	43.6	-	-	-	-	-
354	Metal working machinery	43.9	43.8	44.2	44.7	44.0	-	5.7	5.9	6.1	6.0
3541	Machine tools, metal cutting types	-	42.8	43.1	44.2	42.9	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures	-	45.9	46.6	46.4	45.8	-	-	-	-	-
3545	Machine tool accessories	-	41.6	42.0	43.6	42.3	-	-	-	-	-
3542,8	Misc. metal working machinery	-	42.3	42.6	43.1	43.0	-	-	-	-	-
355	Special industry machinery	42.4	42.2	42.4	43.1	41.8	-	4.0	4.1	4.8	4.3
3551	Food products machinery	-	42.8	42.8	42.8	41.4	-	-	-	-	-
3552	Textile machinery	-	40.5	40.8	42.6	41.2	-	-	-	-	-
3555	Printing trades machinery	-	42.7	43.3	43.3	41.6	-	-	-	-	-
356	General industrial machinery	41.4	41.6	41.9	42.6	41.5	-	3.8	4.0	4.5	4.4
3561	Pumps and compressors	-	42.0	42.3	41.8	40.9	-	-	-	-	-
3562	Ball and roller bearings	-	41.1	42.2	43.1	41.5	-	-	-	-	-
3564	Blowers and fans	-	41.7	41.6	41.4	40.6	-	-	-	-	-
3566	Power transmission equipment	-	42.2	42.1	43.6	42.4	-	-	-	-	-
357	Office and computing machines	41.3	41.0	42.1	42.6	42.0	-	2.7	3.4	3.6	3.8
3573	Electronic computing equipment	-	41.7	42.9	43.3	43.3	-	-	-	-	-
358	Service industry machines	40.4	39.6	39.6	41.2	40.5	-	2.4	2.2	3.2	2.8
3585	Refrigeration machinery	-	39.5	39.5	41.5	41.0	-	-	-	-	-
359	Misc. machinery, except electrical	42.2	42.3	42.5	43.6	42.9	-	4.8	4.8	5.6	5.2

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$128.80	\$127.04	\$127.75	\$123.42	\$120.69	\$3.22	\$3.20	\$3.17	\$3.04	\$3.04
361	Electric test & distributing equipment ...	(*)	133.01	131.93	130.51	124.57	(*)	3.26	3.21	3.16	3.13
3611	Electric measuring instruments	-	119.47	116.91	116.35	111.64	-	3.04	2.99	2.88	2.87
3612	Transformers	-	134.64	134.94	130.60	130.38	-	3.30	3.19	3.17	3.18
3613	Switchgear and switchboard apparatus..	-	141.62	142.72	141.79	130.28	-	3.38	3.39	3.36	3.29
362	Electrical industrial apparatus	132.80	131.67	132.60	130.92	129.78	3.32	3.30	3.25	3.17	3.15
3621	Motors and generators	-	133.00	136.62	132.34	132.80	-	3.35	3.30	3.22	3.20
3622	Industrial controls	-	125.93	125.14	125.87	122.31	-	3.18	3.16	3.07	3.05
363	Household appliances	139.66	135.04	134.52	135.55	133.98	3.44	3.41	3.38	3.29	3.30
3632	Household refrigerators and freezers ...	-	147.26	148.43	152.22	152.40	-	3.70	3.72	3.59	3.62
3633	Household laundry equipment	-	135.75	153.92	140.30	139.66	-	3.62	3.70	3.49	3.44
3634	Electric housewares and fans	-	112.35	105.06	103.75	104.93	-	2.83	2.68	2.62	2.67
364	Electric lighting and wiring equipment ...	117.99	115.05	117.22	113.72	110.11	3.01	2.95	2.96	2.85	2.86
3641	Electric lamps	-	118.73	118.10	112.29	112.68	-	3.06	2.96	2.85	2.86
3642	Lighting fixtures	-	116.01	118.38	112.61	110.69	-	2.99	3.02	2.88	2.89
3643,4	Wiring devices	-	112.40	116.22	115.59	109.16	-	2.86	2.92	2.84	2.85
365	Radio and TV receiving equipment	111.25	109.24	110.78	101.39	98.66	2.92	2.89	2.87	2.62	2.61
366	Communication equipment	148.45	148.21	148.81	139.86	137.50	3.56	3.58	3.56	3.37	3.37
3661	Telephone and telegraph apparatus	-	151.59	153.44	144.06	140.22	-	3.55	3.56	3.43	3.42
3662	Radio and TV communication equipment ..	-	145.80	145.96	137.61	135.60	-	3.60	3.56	3.34	3.34
367	Electronic components and accessories ...	108.98	107.86	108.47	105.07	102.43	2.78	2.78	2.76	2.64	2.64
3671-3	Electron tubes	-	118.17	117.30	113.72	110.30	-	3.03	3.00	2.85	2.85
3674,9	Other electronic components	-	105.92	106.90	102.82	100.88	-	2.73	2.72	2.59	2.60
369	Misc. electrical equipment & supplies....	(*)	135.19	139.66	135.05	134.94	(*)	3.44	3.44	3.31	3.34
3694	Engine electrical equipment	-	138.55	143.28	139.84	139.00	-	3.58	3.60	3.47	3.51
37	TRANSPORTATION EQUIPMENT	160.80	158.01	161.20	157.38	157.03	4.02	3.98	4.02	3.82	3.83
371	Motor vehicles and equipment	(*)	159.06	164.67	164.81	165.62	(*)	4.11	4.19	4.01	4.02
3711	Motor vehicles	-	161.50	165.62	162.41	165.24	-	4.25	4.37	4.05	4.08
3712	Passenger car bodies	-	181.57	179.47	181.05	178.93	-	4.62	4.59	4.25	4.23
3713	Truck and bus bodies	-	139.38	136.46	134.79	132.18	-	3.45	3.42	3.32	3.28
3714	Motor vehicle parts and accessories ...	-	158.32	167.68	170.54	170.14	-	4.07	4.13	4.08	4.08
3715	Truck trailers	-	126.75	127.91	123.55	121.88	-	3.25	3.23	2.97	2.98
372	Aircraft and parts	(*)	167.26	168.87	159.64	157.35	(*)	4.04	4.04	3.81	3.81
3721	Aircraft	-	169.33	170.55	161.70	162.51	-	4.09	4.09	3.85	3.86
3722	Aircraft engines and engine parts	-	163.61	166.01	155.80	148.97	-	4.01	4.01	3.80	3.81
3723,9	Other aircraft parts and equipment	-	164.64	166.57	157.19	153.04	-	3.92	3.91	3.69	3.67
373	Ship and boat building and repairing	(*)	149.20	149.08	141.58	138.80	(*)	3.73	3.69	3.47	3.47
3731	Ship building and repairing	-	158.79	158.75	149.54	146.15	-	3.95	3.91	3.72	3.70
3732	Boat building and repairing	-	117.30	117.51	116.60	114.81	-	3.00	2.96	2.75	2.78
374	Railroad equipment	-	155.62	155.21	152.22	151.10	-	3.91	3.89	3.74	3.74
375,9	Other transportation equipment	-	114.16	113.10	112.97	109.98	-	3.02	3.00	2.86	2.82
38	INSTRUMENTS AND RELATED PRODUCTS ..	133.50	131.93	132.44	126.17	123.07	3.28	3.29	3.27	3.10	3.10
381	Engineering & scientific instruments	-	149.69	148.73	147.28	141.23	-	3.66	3.61	3.49	3.47
382	Mechanical measuring & control devices..	131.05	130.07	130.90	125.45	121.66	3.26	3.26	3.24	3.09	3.08
3821	Mechanical measuring devices	-	132.59	133.50	126.98	120.90	-	3.29	3.28	3.12	3.10
3822	Automatic temperature controls	-	127.19	127.52	123.62	123.01	-	3.22	3.18	3.06	3.06
383,5	Optical and ophthalmic goods	124.03	124.12	123.11	117.97	114.36	3.07	3.08	3.07	2.92	2.91
385	Ophthalmic goods	-	113.26	111.72	108.94	103.21	-	2.86	2.85	2.71	2.66
384	Medical instruments and supplies	109.03	108.57	110.54	107.47	104.52	2.81	2.82	2.82	2.68	2.68
386	Photographic equipment and supplies	(*)	160.40	161.97	148.99	148.27	(*)	3.81	3.82	3.59	3.59
387	Watches, clocks, and watchcases	-	104.23	102.14	97.27	93.50	-	2.75	2.66	2.52	2.50
39	MISC. MANUFACTURING INDUSTRIES	109.09	108.14	107.59	102.05	98.40	2.79	2.78	2.78	2.61	2.61
391	Jewelry, silverware, and plated ware	120.38	119.59	117.90	113.94	104.06	3.04	3.02	3.00	2.87	2.82
394	Toys and sporting goods	-	98.42	96.52	91.25	88.19	-	2.53	2.52	2.37	2.39
3941-3	Games, toys, dolls & play vehicles	-	93.56	89.28	84.44	80.03	-	2.43	2.40	2.27	2.28
3949	Sporting and athletic goods, n e c	-	103.36	103.62	99.20	96.61	-	2.63	2.63	2.48	2.49
395	Pens, pencils, office and art supplies....	-	109.37	108.08	103.62	100.08	-	2.79	2.80	2.61	2.62
396	Costume jewelry and notions	-	96.39	96.13	94.28	88.57	-	2.53	2.51	2.43	2.42
393,8,9	Other manufacturing industries	117.11	116.91	116.91	109.14	107.48	2.98	2.99	2.99	2.77	2.77
393	Musical instruments and parts	-	115.35	112.32	109.33	108.08	-	2.95	2.88	2.74	2.75
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	124.31	123.51	124.74	118.08	116.40	3.10	3.08	3.08	2.93	2.91
201	Meat products	130.33	127.91	136.86	124.93	123.78	3.25	3.23	3.29	3.10	3.11
2011	Meat packing plants	-	153.85	167.14	149.58	148.51	-	3.78	3.86	3.57	3.57
2013	Sausages and other prepared meats	-	137.67	143.92	138.17	136.21	-	3.53	3.58	3.37	3.38
2015	Poultry dressing plants	-	79.04	82.74	73.26	71.12	-	2.08	2.10	1.98	1.97

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.0	39.7	40.3	40.6	39.7	-	2.2	2.7	2.8	2.7
361	Electric test & distributing equipment . . .	(*)	40.8	41.1	41.3	39.8	-	2.9	3.2	3.1	2.8
3611	Electric measuring instruments	-	39.3	39.1	40.4	38.9	-	-	-	-	-
3612	Transformers	-	40.8	42.3	41.2	41.0	-	-	-	-	-
3613	Switchgear and switchboard apparatus . .	-	41.9	42.1	42.2	39.6	-	-	-	-	-
362	Electrical industrial apparatus	40.0	39.9	40.8	41.3	41.2	-	2.6	3.3	3.6	3.6
3621	Motors and generators	-	39.7	41.4	41.1	41.5	-	-	-	-	-
3622	Industrial controls	-	39.6	39.6	41.0	40.1	-	-	-	-	-
363	Household appliances	40.6	39.6	39.8	41.2	40.6	-	1.9	2.1	3.2	3.2
3632	Household refrigerators and freezers . .	-	39.8	39.9	42.4	42.1	-	-	-	-	-
3633	Household laundry equipment	-	37.5	41.6	40.2	40.6	-	-	-	-	-
3634	Electric housewares and fans	-	39.7	39.2	39.6	39.3	-	-	-	-	-
364	Electric lighting and wiring equipment . .	39.2	39.0	39.6	39.9	38.5	-	2.2	2.5	2.6	2.6
3641	Electric lamps	-	38.8	39.9	39.4	39.4	-	-	-	-	-
3642	Lighting fixtures	-	38.8	39.2	39.1	38.3	-	-	-	-	-
3643,4	Wiring devices	-	39.3	39.8	40.7	38.3	-	-	-	-	-
365	Radio and TV receiving equipment	38.1	39.8	38.6	38.7	37.8	-	.9	1.2	1.4	1.4
366	Communication equipment	41.7	41.4	41.8	41.5	40.8	-	2.9	3.8	3.1	3.0
3661	Telephone and telegraph apparatus . . .	-	42.7	43.1	41.0	41.0	-	-	-	-	-
3662	Radio and TV communication equipment .	-	40.5	41.0	41.2	40.6	-	-	-	-	-
367	Electronic components and accessories . .	39.2	38.8	39.3	39.8	38.8	-	1.8	2.2	2.2	2.1
3671-3	Electron tubes	-	39.0	39.1	39.9	38.7	-	-	-	-	-
3674,9	Other electronic components	-	38.8	39.3	39.7	38.8	-	-	-	-	-
369	Misc. electrical equipment & supplies . . .	(*)	39.3	40.6	40.8	40.4	-	2.1	2.6	2.9	2.9
3694	Engine electrical equipment	-	38.7	39.8	40.3	39.6	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	40.0	39.7	40.1	41.2	41.0	-	2.6	2.8	3.4	3.3
371	Motor vehicles and equipment	(*)	38.7	39.3	41.1	41.2	-	1.9	2.5	3.6	3.4
3711	Motor vehicles	-	38.0	37.9	40.1	40.5	-	-	-	-	-
3712	Passenger car bodies	-	39.3	39.1	42.6	42.3	-	-	-	-	-
3713	Truck and bus bodies	-	40.4	39.9	40.6	40.3	-	-	-	-	-
3714	Motor vehicle parts and accessories . .	-	38.9	40.6	41.8	41.7	-	-	-	-	-
3715	Truck trailers	-	39.0	39.6	41.6	40.9	-	-	-	-	-
372	Aircraft and parts	(*)	41.4	41.8	41.9	41.3	-	3.1	3.4	3.2	3.4
3721	Aircraft	-	41.4	41.7	42.0	42.1	-	-	-	-	-
3722	Aircraft engines and engine parts	-	40.8	41.4	41.0	39.1	-	-	-	-	-
3723,9	Other aircraft parts and equipment . . .	-	42.0	42.6	42.6	41.7	-	-	-	-	-
373	Ship and boat building and repairing	(*)	40.0	40.4	40.8	40.0	-	3.6	3.2	3.5	3.3
3731	Ship building and repairing	-	40.2	40.6	40.2	39.5	-	-	-	-	-
3732	Boat building and repairing	-	39.1	39.7	42.4	41.3	-	-	-	-	-
374	Railroad equipment	-	39.8	39.9	40.7	40.4	-	3.6	3.1	2.7	2.6
375,9	Other transportation equipment	-	37.8	37.7	39.5	39.0	-	2.0	1.8	2.8	2.3
38	INSTRUMENTS AND RELATED PRODUCTS	40.7	40.1	40.5	40.7	39.7	-	2.4	2.9	3.0	2.8
381	Engineering & scientific instruments . . .	-	40.9	41.2	42.2	40.7	-	2.7	2.9	4.3	4.0
382	Mechanical measuring & control devices . .	40.2	39.9	40.4	40.6	39.5	-	2.7	3.0	3.1	2.9
3821	Mechanical measuring devices	-	40.3	40.7	40.7	39.0	-	-	-	-	-
3822	Automatic temperature controls	-	39.5	40.1	40.4	40.2	-	-	-	-	-
383,5	Optical and ophthalmic goods	40.4	40.3	40.1	40.4	39.3	-	2.5	2.5	2.5	2.2
385	Ophthalmic goods	-	39.6	39.2	40.2	38.8	-	1.9	1.8	2.6	2.1
384	Medical instruments and supplies	38.8	38.5	39.2	40.1	39.0	-	1.3	2.2	2.4	2.1
386	Photographic equipment and supplies	(*)	42.1	42.4	41.5	41.3	-	3.2	3.9	3.3	3.3
387	Watches, clocks, and watch cases	-	37.9	38.4	38.6	37.4	-	1.7	1.7	1.8	1.5
39	MISC. MANUFACTURING INDUSTRIES	39.1	38.9	38.7	39.1	37.7	-	2.3	2.3	2.7	2.3
391	Jewelry, silverware, and plated ware	39.6	39.6	39.3	39.7	36.9	-	2.6	2.6	3.1	2.1
394	Toys and sporting goods	-	38.9	38.3	38.5	36.9	-	2.4	2.0	2.5	2.2
3941-3	Games, toys, dolls, & play vehicles . .	-	38.5	37.2	37.2	35.1	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c. . . .	-	39.3	39.4	40.0	38.8	-	-	-	-	-
395	Pens, pencils, office and art supplies . . .	-	39.2	38.6	39.7	38.2	-	1.8	1.9	2.4	2.0
396	Costume jewelry and notions	-	38.1	38.3	38.8	36.6	-	2.2	2.2	2.8	2.2
393,8,9	Other manufacturing industries	39.3	39.1	39.1	39.4	38.8	-	2.4	2.4	2.7	2.5
393	Musical instruments and parts	-	39.1	39.0	39.9	39.3	-	2.0	1.9	2.7	2.7
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	40.1	40.1	40.5	40.3	40.0	-	3.7	4.1	3.8	3.7
201	Meat products	40.1	39.6	41.6	40.3	39.8	-	3.6	5.0	4.0	3.7
2011	Meat packing plants	-	40.7	43.3	41.9	41.6	-	-	-	-	-
2013	Sausages and other prepared meats . . .	-	39.0	40.2	41.0	40.3	-	-	-	-	-
2015	Poultry dressing plants	-	38.0	39.4	37.0	36.1	-	-	-	-	-

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Nondurable Goods--Continued</i>											
FOOD AND KINDRED PRODUCTS--Continued											
202	Dairy products.....	\$131.43	\$131.02	\$130.92	\$123.26	\$122.84	\$3.19	\$3.18	\$3.17	\$2.97	\$2.96
2024	Ice cream and frozen desserts.....	-	123.62	120.78	114.44	113.00	-	3.06	3.05	2.89	2.89
2026	Fluid milk.....	-	137.20	138.94	130.62	130.20	-	3.33	3.34	3.11	3.10
203	Canned, cured, and frozen foods.....	-	101.13	98.94	95.84	94.43	-	2.62	2.59	2.47	2.44
2031,6	Canned, cured, and frozen sea foods...	-	91.14	81.43	80.08	78.54	-	2.47	2.34	2.20	2.20
2032,3	Canned food, except sea foods.....	-	107.20	105.60	102.70	100.35	-	2.77	2.75	2.62	2.56
2037	Frozen fruits and vegetables.....	-	94.41	94.01	89.50	90.45	-	2.39	2.38	2.26	2.25
204	Grain mill products.....	141.68	141.51	143.60	135.58	135.86	3.22	3.18	3.17	3.04	3.06
2041	Flour and other grain mill products.....	-	147.52	151.34	135.15	138.62	-	3.20	3.22	3.01	3.04
2042	Prepared feeds for animals and fowls...	-	126.05	128.70	121.95	122.65	-	2.82	2.81	2.71	2.75
205	Bakery products.....	121.29	121.52	120.51	115.63	114.55	3.11	3.10	3.09	2.92	2.90
2051	Bread, cake, and related products.....	-	121.44	121.06	117.12	115.34	-	3.13	3.12	2.95	2.92
2052	Cookies and crackers.....	-	123.32	120.10	111.50	111.67	-	3.03	3.01	2.83	2.82
206	Sugar.....	-	126.12	125.04	118.13	113.07	-	3.01	2.97	3.21	2.96
207	Confectionery and related products.....	107.71	102.91	102.94	99.04	95.63	2.72	2.68	2.66	2.52	2.53
2071	Confectionery products.....	-	98.80	99.46	95.55	91.14	-	2.60	2.59	2.45	2.45
208	Beverages.....	139.44	137.67	135.80	132.78	129.20	3.53	3.53	3.50	3.37	3.39
2082	Malt liquors.....	-	184.73	180.99	178.81	172.40	-	4.55	4.48	4.34	4.31
2086	Bottled and canned soft drinks.....	-	101.11	100.73	97.66	96.38	-	2.64	2.63	2.53	2.51
209	Misc. foods and kindred products.....	125.33	124.80	124.56	117.29	116.60	3.02	3.00	2.98	2.84	2.83
TOBACCO MANUFACTURES											
21	Cigarettes.....	107.09	107.01	106.76	94.70	95.21	2.91	2.90	2.87	2.66	2.63
211	Cigarettes.....	-	130.82	130.85	108.96	111.38	-	3.47	3.48	3.14	3.12
212	Cigars.....	-	79.79	81.31	74.21	75.97	-	2.18	2.18	2.05	2.07
TEXTILE MILL PRODUCTS											
22	Weaving mills, cotton.....	97.69	97.04	96.80	93.66	90.57	2.43	2.42	2.42	2.29	2.27
221	Weaving mills, cotton.....	99.63	100.12	99.70	91.53	90.00	2.43	2.43	2.42	2.26	2.25
222	Weaving mills, synthetics.....	99.96	99.38	99.47	100.66	98.60	2.45	2.46	2.45	2.33	2.32
223	Weaving and finishing mills, wool.....	102.59	102.92	102.92	101.72	95.41	2.49	2.48	2.48	2.36	2.35
224	Narrow fabric mills.....	98.09	96.71	96.96	92.43	88.65	2.44	2.43	2.43	2.26	2.25
225	Knitting mills.....	89.54	88.07	86.68	85.69	82.28	2.35	2.33	2.33	2.22	2.20
2251	Women's hosiery, except socks.....	-	85.93	83.03	86.58	83.76	-	2.31	2.30	2.22	2.21
2252	Hosiery, n e c.....	-	79.18	76.47	74.54	73.33	-	2.14	2.13	2.02	2.02
2253	Knit underwear mills.....	-	91.26	89.06	86.68	81.07	-	2.44	2.44	2.33	2.29
2254	Knit underwear mills.....	-	77.33	77.40	78.90	77.72	-	2.16	2.15	2.06	2.04
226	Textile finishing, except wool.....	(*)	107.17	105.22	104.62	100.19	(*)	2.57	2.56	2.45	2.42
227	Floor covering mills.....	-	102.50	104.08	99.22	97.21	-	2.50	2.52	2.34	2.32
228	Yarn and thread mills.....	90.63	89.72	90.17	87.54	85.84	2.26	2.26	2.26	2.13	2.13
229	Miscellaneous textile goods.....	108.88	107.04	108.62	107.35	102.66	2.63	2.63	2.63	2.52	2.51
APPAREL AND OTHER TEXTILE PRODUCTS											
23	Men's and boys' suits and coats.....	84.97	83.78	83.07	83.13	79.90	2.38	2.36	2.36	2.29	2.27
231	Men's and boys' suits and coats.....	102.75	102.32	103.74	102.49	100.88	2.87	2.85	2.85	2.69	2.69
232	Men's and boys' furnishings.....	76.13	75.14	74.73	72.86	71.51	2.08	2.07	2.07	1.98	1.97
2321	Men's and boys' shirts and nightwear..	-	74.83	74.21	70.42	69.06	-	2.05	2.05	1.94	1.94
2327	Men's and boys' separate trousers.....	-	75.56	74.93	74.07	72.91	-	2.07	2.07	1.97	1.96
2328	Men's and boys' work clothing.....	-	72.00	72.04	72.93	72.54	-	2.00	1.99	1.95	1.95
233	Women's and misses' outerwear.....	87.38	86.87	84.34	86.55	81.25	2.54	2.54	2.51	2.48	2.44
2331	Women's and misses' blouses and waists..	-	79.33	76.16	76.60	72.46	-	2.26	2.24	2.17	2.15
2335	Women's and misses' dresses.....	-	87.17	84.04	88.75	82.08	-	2.61	2.57	2.58	2.51
2337	Women's and misses' suits and coats..	-	97.73	94.95	93.07	88.20	-	2.90	2.86	2.77	2.80
2339	Women's and misses' outerwear, n e c..	-	79.92	79.12	79.98	77.11	-	2.22	2.21	2.15	2.13
234	Women's and children's undergarments...	77.83	76.90	74.69	75.87	73.13	2.18	2.16	2.14	2.09	2.06
2341	Women's and children's underwear.....	-	74.97	72.31	74.30	72.16	-	2.10	2.09	2.03	2.01
2342	Corsets and allied garments.....	-	81.07	80.00	79.48	75.65	-	2.29	2.26	2.22	2.18
235	Hats, caps, and millinery.....	-	81.36	80.19	81.47	76.74	-	2.26	2.24	2.19	2.18
236	Children's outerwear.....	(*)	78.18	78.10	75.96	74.13	(*)	2.19	2.20	2.11	2.10
2361	Children's dresses and blouses.....	-	76.61	77.19	74.97	73.42	-	2.14	2.15	2.10	2.08
237,8	Fur goods and miscellaneous apparel....	-	87.47	88.64	83.90	77.62	-	2.45	2.49	2.37	2.31
239	Misc. fabricated textile products....	93.74	87.36	89.79	90.44	87.58	2.48	2.40	2.44	2.38	2.38
2391,2	Housefurnishings.....	-	79.08	77.23	77.14	73.77	-	2.12	2.11	2.03	2.01
PAPER AND ALLIED PRODUCTS											
26	Paper and pulp mills.....	141.04	140.28	141.62	135.45	132.19	3.35	3.34	3.34	3.15	3.14
261,2,6	Paper and pulp mills.....	162.14	161.85	163.76	155.80	154.07	3.66	3.67	3.68	3.47	3.47
263	Paperboard mills.....	165.99	167.18	168.22	159.10	156.55	3.73	3.74	3.73	3.52	3.51
264	Misc. converted paper products.....	124.74	124.44	124.14	119.23	116.24	3.08	3.05	3.05	2.88	2.87
2643	Bags, except textile bags.....	-	119.02	118.32	111.38	111.38	-	2.91	2.90	2.71	2.71
265	Paperboard containers and boxes.....	125.15	123.82	125.97	120.64	116.06	3.09	3.08	3.08	2.90	2.88
2651,2	Folding and setup paperboard boxes...	-	115.53	117.49	108.27	103.47	-	2.91	2.93	2.68	2.66
2653	Corrugated and solid fiber boxes.....	-	128.64	132.48	130.05	124.53	-	3.20	3.20	3.06	3.03
2654	Sanitary food containers.....	-	124.94	124.42	118.85	115.75	-	3.04	3.02	2.85	2.83

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Nondurable Goods--Continued</i>											
FOOD AND KINDRED PRODUCTS--Continued											
202	Dairy products	41.2	41.2	41.3	41.5	41.5	-	3.7	3.8	3.7	3.8
2024	Ice cream and frozen desserts	-	40.4	39.6	39.6	39.1	-	-	-	-	-
2026	Fluid milk	-	41.2	41.6	42.0	42.0	-	-	-	-	-
203	Canned, cured, and frozen foods	-	38.6	38.2	38.8	38.7	-	3.4	3.1	3.1	3.1
2031,6	Canned, cured and frozen sea foods	-	36.9	34.8	36.4	35.7	-	-	-	-	-
2032,3	Canned food, except sea foods	-	38.7	38.4	39.2	39.2	-	-	-	-	-
2037	Frozen fruits and vegetables	-	39.5	39.5	39.6	40.2	-	-	-	-	-
204	Grain mill products	44.0	44.5	45.3	44.6	44.4	-	6.3	7.3	6.7	6.4
2041	Flour and other grain mill product	-	46.1	47.0	44.9	45.6	-	-	-	-	-
2042	Prepared feeds for animals and fowls	-	44.7	45.8	45.0	44.6	-	-	-	-	-
205	Bakery products	39.0	39.2	39.0	39.6	39.5	-	3.2	3.2	3.4	3.4
2051	Bread, cake, and related products	-	38.8	38.8	39.7	39.5	-	-	-	-	-
2052	Cookies and crackers	-	40.7	39.9	39.4	39.6	-	-	-	-	-
206	Sugar	-	41.9	42.1	36.8	38.2	-	3.6	4.6	2.6	2.7
207	Confectionery and related products	39.6	38.4	38.7	39.3	37.8	-	2.2	2.1	2.4	2.3
2071	Confectionery products	-	38.0	38.4	39.0	37.2	-	-	-	-	-
208	Beverages	39.5	39.0	38.8	39.4	38.8	-	2.7	2.6	2.9	2.8
2082	Malt liquors	-	40.6	40.4	41.2	40.0	-	-	-	-	-
2086	Bottled and canned soft drinks	-	38.3	38.3	38.6	38.4	-	-	-	-	-
209	Misc. foods and kindred products	41.5	41.6	41.8	41.3	41.2	-	4.8	4.8	4.7	4.4
21	TOBACCO MANUFACTURES	36.8	36.9	37.2	35.6	36.2	-	1.4	1.5	.9	.8
211	Cigarettes	-	37.7	37.6	34.7	35.7	-	1.7	1.8	.7	.6
212	Cigars	-	36.6	37.3	36.2	36.7	-	1.1	1.1	1.1	1.1
22	TEXTILE MILL PRODUCTS	40.2	40.1	40.0	40.9	39.9	-	3.5	3.5	3.9	3.5
221	Weaving mills, cotton	41.0	41.2	41.2	40.5	40.0	-	4.3	4.2	3.6	3.4
222	Weaving mills, synthetics	40.8	40.4	40.6	43.2	42.5	-	3.3	3.6	5.2	4.8
223	Weaving and finishing mills, wool	41.2	41.5	41.5	43.1	40.6	-	3.8	3.7	5.2	4.2
224	Narrow fabric mills	40.2	39.8	39.9	40.9	39.4	-	2.8	3.0	3.4	2.8
225	Knitting mills	38.1	37.8	37.2	38.6	37.4	-	2.3	2.1	2.4	2.2
2251	Women's hosiery, except socks	-	37.2	36.1	39.0	37.9	-	-	-	-	-
2252	Hosiery, n e c	-	37.0	35.9	36.9	36.3	-	-	-	-	-
2253	Knit outerwear mills	-	37.4	36.5	37.2	35.4	-	-	-	-	-
2254	Knit underwear mills	-	35.8	36.0	38.3	38.1	-	-	-	-	-
226	Textile finishing, except wool	(*)	41.7	41.1	42.7	41.4	-	4.3	4.2	5.2	4.5
227	Floor covering mills	-	41.0	41.3	42.4	41.9	-	3.6	3.9	4.9	4.7
228	Yarn and thread mills	40.1	39.7	39.9	41.1	40.3	-	3.5	3.6	4.0	3.7
229	Miscellaneous textile goods	41.4	40.7	41.3	42.6	40.9	-	3.7	3.9	4.6	4.0
23	APPAREL AND OTHER TEXTILE PRODUCTS	35.7	35.5	35.2	36.3	35.2	-	1.2	1.1	1.4	1.2
231	Men's and boys' suits and coats	35.8	35.9	36.4	38.1	37.5	-	.9	1.2	1.7	1.7
232	Men's and boys' furnishings	36.6	36.3	36.1	36.8	36.3	-	1.2	1.0	1.2	1.1
2321	Men's and boys' shirts and nightwear	-	36.5	36.2	36.3	35.6	-	-	-	-	-
2327	Men's and boys' separate trousers	-	36.5	36.2	37.6	37.2	-	-	-	-	-
2328	Men's and boys' work clothing	-	36.0	36.2	37.4	37.2	-	-	-	-	-
233	Women's and misses' outerwear	34.4	34.2	33.6	34.9	33.3	-	1.3	1.1	1.5	1.2
2331	Women's and misses' blouses and waists	-	35.1	34.0	35.3	33.7	-	-	-	-	-
2335	Women's and misses' dresses	-	33.4	32.7	34.4	32.7	-	-	-	-	-
2337	Women's and misses' suits and coats	-	33.7	33.2	33.6	31.5	-	-	-	-	-
2339	Women's and misses' outerwear, n e c	-	36.0	35.8	37.2	36.2	-	-	-	-	-
234	Women's and children's undergarments	35.7	35.6	34.9	36.3	35.5	-	1.1	.8	1.1	1.0
2341	Women's and children's underwear	-	35.7	34.6	36.6	35.9	-	-	-	-	-
2342	Corsets and allied garments	-	35.4	35.4	35.8	34.7	-	-	-	-	-
235	Hats, caps, and millinery	-	36.0	35.8	37.2	35.2	-	1.2	1.2	1.9	1.5
236	Children's outerwear	(*)	35.7	35.5	36.0	35.3	-	1.3	1.2	1.4	1.3
2361	Children's dresses and blouses	-	35.8	35.9	35.7	35.3	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel	-	35.7	35.6	35.4	33.6	-	1.0	.9	.9	.7
239	Misc. fabricated textile products	37.8	36.4	36.8	38.0	36.8	-	1.4	1.4	1.8	1.6
2391,2	Housefurnishings	-	37.3	36.6	38.0	36.7	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS	42.1	42.0	42.4	43.0	42.1	-	4.9	5.1	5.4	5.2
261,2,6	Paper and pulp mills	44.3	44.1	44.5	44.9	44.4	-	6.5	6.4	6.6	6.7
263	Paperboard mills	44.5	44.7	45.1	45.2	44.6	-	8.0	7.8	8.0	7.8
264	Misc. converted paper products	40.5	40.8	40.7	41.4	40.5	-	3.6	3.7	4.1	3.8
2643	Bags, except textile bags	-	40.9	40.8	41.1	41.1	-	-	-	-	-
265	Paperboard containers and boxes	40.5	40.2	40.9	41.6	40.3	-	3.4	4.0	4.4	3.9
2651,2	Folding and setup paperboard boxes	-	39.7	40.1	40.4	38.9	-	-	-	-	-
2653	Corrugated and solid fiber boxes	-	40.2	41.4	42.5	41.1	-	-	-	-	-
2654	Sanitary food containers	-	41.1	41.2	41.7	40.9	-	-	-	-	-

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	\$146.30	\$144.02	\$143.26	\$139.03	\$136.10	\$3.85	\$3.81	\$3.80	\$3.63	\$3.61
271	Newspapers	148.45	145.85	144.67	139.91	138.77	4.17	4.12	4.11	3.93	3.92
272	Periodicals	-	161.60	166.46	160.96	155.01	-	4.01	4.10	3.86	3.79
273	Books	-	131.82	129.79	125.37	122.70	-	3.38	3.38	3.15	3.13
275	Commercial printing	152.49	149.38	148.61	144.20	140.09	3.89	3.85	3.84	3.66	3.62
2751	Commercial printing, ex. lithographic	-	144.75	144.74	139.26	135.94	-	3.75	3.74	3.58	3.54
2752	Commercial printing, lithographic	-	157.18	154.82	151.55	146.59	-	4.02	3.98	3.77	3.73
278	Blankbooks and bookbinding	(*)	108.83	108.83	107.34	101.00	(*)	2.91	2.91	2.81	2.79
274,6,7,9	Other publishing & printing ind.	144.01	145.54	146.67	140.12	138.28	3.77	3.79	3.79	3.63	3.62
28	CHEMICALS AND ALLIED PRODUCTS	150.84	149.76	149.70	140.95	139.86	3.60	3.60	3.59	3.38	3.37
281	Industrial chemicals	(*)	168.38	168.70	157.03	157.03	(*)	3.99	3.96	3.73	3.73
2812	Alkalies and chlorine	-	171.57	172.40	158.42	161.08	-	3.99	4.00	3.79	3.79
2818	Industrial organic chemicals, n e c.	-	178.08	178.49	165.85	164.61	-	4.21	4.18	3.93	3.91
2819	Industrial inorganic chemicals, n e c.	-	158.15	160.02	148.99	150.12	-	3.82	3.81	3.59	3.60
282	Plastics materials and synthetics	147.49	145.18	147.14	139.77	138.27	3.52	3.52	3.52	3.32	3.30
2821	Plastics materials and resins	-	159.32	158.95	151.63	148.33	-	3.74	3.74	3.51	3.49
2823,4	Synthetic fibers	-	132.60	134.31	127.00	126.90	-	3.25	3.26	3.09	3.08
283	Drugs	(*)	141.73	140.97	132.84	130.06	(*)	3.44	3.43	3.24	3.18
2834	Pharmaceutical preparations	-	135.27	135.20	127.12	123.82	-	3.34	3.33	3.17	3.08
284	Soap, cleaners, and toilet goods	147.44	145.14	147.38	136.78	133.39	3.57	3.54	3.56	3.32	3.31
2841	Soap and other detergents	-	182.65	186.10	169.30	168.06	-	4.38	4.41	4.06	4.04
2844	Toilet preparations	-	120.66	122.66	113.68	108.31	-	2.95	2.97	2.80	2.77
285	Paints and allied products	137.63	135.88	135.20	133.49	130.65	3.39	3.38	3.38	3.24	3.21
287	Agricultural chemicals	132.88	127.87	125.75	118.40	117.58	3.02	3.03	3.03	2.76	2.76
2871,2	Fertilizers, complete & mixing only	-	121.55	118.98	111.97	112.30	-	2.86	2.86	2.61	2.63
286,9	Other chemical products	143.18	141.73	141.66	134.31	133.99	3.45	3.44	3.43	3.26	3.26
2892	Explosives	-	143.96	144.32	137.16	137.90	-	3.59	3.59	3.37	3.38
29	PETROLEUM AND COAL PRODUCTS	174.31	176.81	176.82	168.67	161.38	4.18	4.23	4.22	3.95	3.87
291	Petroleum refining	183.48	186.01	185.17	178.48	170.98	4.40	4.45	4.43	4.17	4.11
295,9	Other petroleum and coal products	142.20	143.03	144.82	132.93	131.57	3.41	3.43	3.44	3.15	3.14
30	RUBBER AND PLASTICS PRODUCTS, N E C	125.20	127.48	128.21	123.30	121.30	3.13	3.14	3.15	3.00	3.01
301	Tires and inner tubes	(*)	184.82	188.72	178.73	181.25	(*)	4.21	4.26	4.09	4.11
302,3,6	Other rubber products	122.00	121.70	122.40	119.36	116.32	3.05	3.05	3.06	2.94	2.93
302	Rubber footwear	-	102.68	103.18	104.93	99.64	-	2.66	2.68	2.67	2.65
307	Miscellaneous plastics products	110.09	109.18	109.45	106.11	103.23	2.78	2.75	2.75	2.62	2.62
31	LEATHER AND LEATHER PRODUCTS	91.51	92.50	92.74	87.28	83.18	2.48	2.48	2.46	2.34	2.33
311	Leather tanning and finishing	124.74	122.19	119.78	115.78	111.72	3.08	3.07	3.04	2.88	2.85
314	Footwear, except rubber	88.94	90.88	91.96	84.50	80.59	2.43	2.43	2.42	2.29	2.27
312,3,5-7,5	Other leather products	86.39	86.39	84.84	85.27	79.92	2.38	2.38	2.35	2.28	2.29
316	Luggage	-	86.86	83.39	88.97	82.96	-	2.44	2.41	2.36	2.35
317	Handbags and personal leather goods	-	84.22	82.08	82.06	75.04	-	2.32	2.28	2.20	2.22
	TRANSPORTATION AND PUBLIC UTILITIES:										
	RAILROAD TRANSPORTATION:										
4011	Class I railroads ²	-	(*)	(*)	154.80	164.89	-	(*)	(*)	3.60	3.64
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	138.02	138.11	128.33	126.07	-	3.35	3.32	3.07	3.06
413	Intercity highway transportation	-	157.53	158.36	149.65	151.20	-	3.88	3.91	3.76	3.78
42	TRUCKING AND WAREHOUSING	-	152.40	151.20	146.20	142.86	-	3.69	3.67	3.54	3.51
421,3	Trucking and trucking terminals	-	155.21	154.42	149.34	146.01	-	3.74	3.73	3.59	3.57
422	Public warehousing	-	116.82	114.76	105.46	104.60	-	2.95	2.92	2.79	2.76
46	PIPE LINE TRANSPORTATION	-	186.05	189.06	178.04	180.96	-	4.56	4.48	4.29	4.35
48	COMMUNICATION	-	130.08	130.75	127.83	130.98	-	3.31	3.31	3.22	3.25
481	Telephone communication	-	127.66	128.30	126.08	129.92	-	3.24	3.24	3.16	3.20
4817	Switchboard operating employees ³	-	92.84	92.75	90.46	93.76	-	2.63	2.62	2.57	2.59
4818	Line construction employees ⁴	-	180.45	181.25	175.38	180.96	-	4.01	4.01	3.88	3.90
482	Telegraph communication ⁵	-	151.08	147.42	139.02	141.86	-	3.53	3.51	3.31	3.33
483	Radio and television broadcasting	-	142.87	144.02	138.37	136.15	-	3.74	3.78	3.68	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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	38.0	37.8	37.7	38.3	37.7	-	-	-	-	-
271	Newspapers	35.6	35.4	35.2	35.6	35.4	2.9	2.9	3.4	3.0	
272	Periodicals	-	40.3	40.6	41.7	40.9	2.2	2.2	2.6	2.2	
273	Books	-	39.0	38.4	39.8	39.2	4.4	4.5	5.4	3.9	
275	Commercial printing	39.2	38.8	38.7	39.4	38.7	2.8	2.5	3.3	3.0	
2751	Commercial printing, ex. lithographic	-	38.6	38.7	38.9	38.4	3.4	3.3	4.0	3.7	
2752	Commercial printing, lithographic	-	39.1	38.9	40.2	39.3	-	-	-	-	
278	Blankbooks and bookbinding	(*)	37.4	37.4	38.2	36.2	-	-	-	-	
274, 6, 7, 9	Other publishing & printing ind.	38.2	38.4	38.7	38.6	38.2	1.9	2.1	2.3	2.0	
28	CHEMICALS AND ALLIED PRODUCTS ..	41.9	41.6	41.7	41.7	41.5	3.2	3.2	3.0	3.0	
281	Industrial chemicals	(*)	42.2	42.6	42.1	42.1	3.3	3.4	3.4	3.2	
2812	Alkalies and chlorine	-	43.0	43.1	43.8	42.5	4.1	4.0	3.5	3.6	
2818	Industrial organic chemicals, n.e.c.	-	42.3	42.7	42.2	42.1	-	-	-	-	
2819	Industrial inorganic chemicals, n.e.c.	-	41.4	42.0	41.5	41.7	-	-	-	-	
282	Plastics materials and synthetics	41.9	41.7	41.8	42.1	41.9	2.9	3.1	3.2	3.0	
2821	Plastics materials and resins	-	42.6	42.5	43.2	42.5	-	-	-	-	
2823, 4	Synthetic fibers	-	40.8	41.2	41.1	41.2	-	-	-	-	
283	Drugs	(*)	41.2	41.1	41.0	40.9	3.1	3.2	3.2	3.0	
2834	Pharmaceutical preparations	-	40.5	40.6	40.1	40.2	-	-	-	-	
284	Soap, cleaners, and toilet goods	41.3	41.0	41.4	42.2	40.3	2.9	3.2	3.1	2.8	
2841	Soap and other detergents	-	41.7	42.2	41.7	41.6	-	-	-	-	
2844	Toilet preparations	-	40.9	41.3	40.6	39.1	-	-	-	-	
285	Paints and allied products	40.6	40.2	40.0	41.2	40.7	2.4	2.2	3.1	3.0	
287	Agricultural chemicals	44.0	42.2	41.5	42.9	42.6	4.6	4.1	5.5	4.7	
2871, 2	Fertilizers, complete & mixing only..	-	42.5	41.6	42.9	42.7	-	-	-	-	
286, 9	Other chemical products	41.5	41.2	41.3	41.2	41.1	-	2.7	3.0	2.9	
2892	Explosives	-	40.1	40.2	40.7	40.8	-	-	-	-	
29	PETROLEUM AND COAL PRODUCTS	41.7	41.8	41.9	42.7	41.7	-	3.2	3.2	3.8	
291	Petroleum refining	41.7	41.8	41.8	42.8	41.6	-	2.8	2.9	3.4	
295, 9	Other petroleum and coal products	41.7	41.7	42.1	42.2	41.9	-	4.5	4.5	5.0	
30	RUBBER AND PLASTICS PRODUCTS, NEC. ..	40.0	40.6	40.7	41.1	40.3	-	3.7	3.7	4.0	
301	Tires and inner tubes	(*)	43.9	44.3	43.7	44.1	-	6.5	6.6	5.8	
302, 3, 6	Other rubber products	40.0	39.9	40.0	40.6	39.7	-	2.9	2.8	3.1	
302	Rubber footwear	-	38.6	38.5	39.3	37.6	-	2.1	1.7	2.5	
307	Miscellaneous plastics products	39.6	39.7	39.8	40.5	39.4	-	3.1	3.2	3.9	
31	LEATHER AND LEATHER PRODUCTS	36.9	37.3	37.7	37.3	35.7	-	1.9	1.9	1.8	
311	Leather tanning and finishing	40.5	39.8	39.4	40.2	39.2	-	3.2	3.1	3.8	
314	Footwear, except rubber	36.6	37.4	38.0	36.9	35.5	-	1.9	2.0	1.5	
312, 3, 5, 7, 9	Other leather products	36.3	36.3	36.1	37.4	34.9	-	1.3	1.3	1.8	
316	Luggage	-	35.6	34.6	37.7	35.3	-	1.0	1.0	1.9	
317	Handbags and personal leather goods..	-	36.3	36.0	37.3	33.8	-	1.4	1.4	1.7	
TRANSPORTATION AND PUBLIC UTILITIES:											
RAILROAD TRANSPORTATION:											
311	Class I railroads ²	-	(*)	(*)	43.0	45.3	-	-	-	-	
LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation	-	41.2	41.6	41.8	41.2	-	-	-	-	
413	Intercity highway transportation	-	40.6	40.5	39.8	40.0	-	-	-	-	
TRUCKING AND WAREHOUSING											
42	Trucking and trucking terminals	-	41.3	41.2	41.3	40.7	-	-	-	-	
421, 3	Trucking and trucking terminals	-	41.5	41.4	41.6	40.9	-	-	-	-	
422	Public warehousing	-	39.6	39.3	37.8	37.9	-	-	-	-	
46	PIPE LINE TRANSPORTATION	-	40.8	42.2	41.5	41.6	-	-	-	-	
COMMUNICATION											
48	Telephone communication	-	39.3	39.5	39.7	40.3	-	-	-	-	
481	Telephone communication	-	39.4	39.6	39.9	40.6	-	-	-	-	
4817	Switchboard operating employees ³ ..	-	35.3	35.4	35.2	36.2	-	-	-	-	
4818	Line construction employees ⁴	-	45.0	45.2	45.2	46.4	-	-	-	-	
482	Telegraph communication ⁵	-	42.8	42.0	42.0	42.6	-	-	-	-	
483	Radio and television broadcasting	-	38.2	38.1	37.6	37.3	-	-	-	-	

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
TRANSPORTATION AND PUBLIC UTILITIES--Continued											
49	ELECTRIC, GAS, AND SANITARY SERVICES		\$169.31	\$169.71	\$155.74	\$157.70	-	\$4.07	\$4.06	\$3.78	\$3.80
491	Electric companies and systems	-	173.44	170.56	160.19	161.77	-	4.11	4.10	3.86	3.87
492	Gas companies and systems	-	153.41	157.78	141.40	141.00	-	3.76	3.73	3.50	3.49
493	Combination companies and systems...	-	184.29	184.31	169.30	173.02	-	4.43	4.42	4.06	4.10
494-7	Water, steam, & sanitary systems	-	141.04	144.28	128.11	127.39	-	3.44	3.46	3.14	3.13
-	WHOLESALE AND RETAIL TRADE.....	\$94.07	93.80	93.02	88.85	88.60	\$2.68	2.68	2.65	2.51	2.51
50	WHOLESALE TRADE.....	136.00	135.20	134.67	126.40	126.08	3.40	3.38	3.35	3.16	3.16
501	Motor vehicles & automotive equipment ..	-	126.36	126.27	118.49	118.90	-	3.12	3.11	2.89	2.90
502	Drugs, chemicals, and allied products...	-	136.89	136.93	127.65	128.10	-	3.51	3.52	3.29	3.31
503	Dry goods and apparel.....	-	126.20	123.58	120.96	120.80	-	3.42	3.34	3.20	3.23
504	Groceries and related products	-	124.43	124.03	118.80	118.80	-	3.15	3.14	2.97	2.97
506	Electrical goods.....	-	138.67	135.68	131.15	129.89	-	3.21	3.17	3.13	3.10
507	Hardware; plumbing & heating equipment	-	126.96	128.88	121.30	120.59	-	3.19	3.19	3.04	3.03
508	Machinery, equipment, and supplies.....	-	149.29	145.66	140.70	139.66	-	3.65	3.57	3.44	3.44
509	Miscellaneous wholesalers.....	-	136.72	138.45	125.69	125.29	-	3.47	3.47	3.19	3.18
52-59	RETAIL TRADE.....	80.16	79.92	79.49	76.61	76.39	2.40	2.40	2.38	2.26	2.26
53	Retail general merchandise	-	72.77	72.30	70.60	68.86	-	2.34	2.31	2.22	2.20
531	Department stores	-	75.89	75.15	73.79	71.76	-	2.48	2.44	2.35	2.33
532	Mail order houses	-	90.25	85.89	84.13	80.62	-	2.50	2.44	2.35	2.31
533	Variety stores	-	55.10	55.94	54.35	54.35	-	1.90	1.89	1.83	1.83
54	Food stores.....	-	84.01	83.84	80.32	79.50	-	2.65	2.62	2.51	2.50
541-3	Grocery, meat, and vegetable stores ..	-	85.54	85.07	81.28	80.71	-	2.69	2.65	2.54	2.53
56	Apparel and accessory stores	-	69.26	69.52	65.63	66.04	-	2.22	2.20	2.09	2.11
561	Men's & boys' clothing & furnishings ..	-	84.74	86.19	80.54	81.98	-	2.56	2.55	2.39	2.44
562	Women's ready-to-wear stores	-	62.12	62.02	60.45	59.87	-	2.05	2.04	1.95	1.95
565	Family clothing stores.....	-	68.22	67.67	62.92	63.20	-	2.08	2.02	1.96	2.00
566	Shoe stores.....	-	67.05	67.12	62.70	63.64	-	2.25	2.23	2.14	2.15
57	Furniture and home furnishings stores...	-	105.92	106.80	99.53	99.80	-	2.91	2.91	2.69	2.69
571	Furniture and home furnishings.....	-	106.35	106.64	99.90	100.98	-	2.89	2.89	2.70	2.70
58	Eating and drinking places ⁶	-	56.06	55.13	53.74	53.26	-	1.82	1.79	1.69	1.68
52,55,59	Other retail trade.....	-	99.26	99.15	95.88	95.25	-	2.64	2.63	2.51	2.50
52	Building materials and farm equipment	-	107.92	107.53	102.26	101.20	-	2.76	2.75	2.55	2.53
551,2	Motor vehicle dealers	-	127.48	126.27	124.94	123.11	-	3.14	3.11	3.04	3.01
553,9	Other automotive & accessory dealers...	-	110.42	111.11	104.83	103.91	-	2.68	2.71	2.52	2.48
591	Drug stores and proprietary stores ...	-	71.30	71.05	68.90	68.59	-	2.30	2.27	2.16	2.15
594	Book and stationery stores	-	82.58	82.08	81.46	79.86	-	2.48	2.45	2.41	2.42
598	Fuel and ice dealers.....	-	122.96	125.08	123.25	127.12	-	2.90	2.95	2.90	2.97
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	112.48	112.48	111.07	107.22	107.59	3.04	3.04	3.01	2.89	2.90
60	Banking	-	101.75	100.91	96.98	96.87	-	2.75	2.72	2.60	2.59
61	Credit agencies other than banks	-	104.81	103.02	99.41	99.56	-	2.78	2.74	2.63	2.62
612	Savings and loan associations	-	103.32	103.85	96.94	97.20	-	2.77	2.74	2.62	2.62
62	Security, commodity brokers & services...	-	172.29	171.49	177.56	180.78	-	4.57	4.61	4.60	4.72
63	Insurance carriers	-	120.58	118.77	112.24	111.63	-	3.25	3.21	3.05	3.05
631	Life insurance	-	123.21	121.03	113.44	113.13	-	3.33	3.28	3.16	3.16
632	Accident and health insurance	-	108.11	106.65	99.37	98.37	-	2.97	2.93	2.73	2.74
633	Fire, marine, and casualty insurance...	-	120.80	119.68	114.84	114.23	-	3.23	3.20	3.03	3.03
-	SERVICES:										
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶ ...	-	67.39	64.86	63.01	62.13	-	1.92	1.88	1.77	1.76
	Personal Services:										
721	Laundries and dry cleaning plants....	-	75.62	74.34	71.68	70.53	-	2.13	2.10	1.98	1.97
722	Photographic studios	-	85.81	83.54	80.36	79.90	-	2.48	2.38	2.27	2.27
	Motion pictures:										
781	Motion picture filming & distributing..	-	172.60	186.80	169.70	167.69	-	4.46	4.67	4.19	4.10

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				
		Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.6	41.8	41.2	41.5	-	-	-	-	.
491	Electric companies and systems.....	-	42.2	41.6	41.5	41.8	-	-	-	-	.
492	Gas companies and systems.....	-	40.8	42.3	40.4	40.4	-	-	-	-	.
493	Combination companies and systems..	-	41.6	41.7	41.7	42.2	-	-	-	-	.
494-7	Water, steam & sanitary systems.....	-	41.0	41.7	40.8	40.7	-	-	-	-	.
-	WHOLESALE AND RETAIL TRADE.....	35.1	35.0	35.1	35.4	35.3	-	-	-	-	-
50	WHOLESALE TRADE.....	40.0	40.0	40.2	40.0	39.9	-	-	-	-	-
501	Motor vehicles & automotive equipment..	-	40.5	40.6	41.0	41.0	-	-	-	-	-
502	Drugs, chemicals, and allied products...	-	39.0	38.9	38.8	38.7	-	-	-	-	-
503	Dry goods and apparel.....	-	36.9	37.0	37.8	37.4	-	-	-	-	-
504	Groceries and related products.....	-	39.5	39.5	40.0	40.0	-	-	-	-	-
506	Electrical goods.....	-	43.2	42.8	41.9	41.9	-	-	-	-	-
507	Hardware; plumbing & heating equipment	-	39.8	40.4	39.9	39.8	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	40.9	40.8	40.9	40.6	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	39.4	39.9	39.4	39.4	-	-	-	-	-
52-59	RETAIL TRADE.....	33.4	33.3	33.4	33.9	33.8	-	-	-	-	-
53	Retail general merchandise.....	-	31.1	31.3	31.8	31.3	-	-	-	-	-
531	Department stores.....	-	30.6	30.8	31.4	30.8	-	-	-	-	-
532	Mail order houses.....	-	36.1	35.2	35.8	34.9	-	-	-	-	-
533	Variety stores.....	-	29.0	29.6	29.7	29.7	-	-	-	-	-
54	Food stores.....	-	31.7	32.0	32.0	31.8	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	-	31.8	32.1	32.0	31.9	-	-	-	-	-
56	Apparel and accessory stores.....	-	31.2	31.6	31.4	31.3	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	33.1	33.8	33.7	33.6	-	-	-	-	-
562	Women's ready-to-wear stores.....	-	30.3	30.4	31.0	30.7	-	-	-	-	-
565	Family clothing stores.....	-	32.8	33.5	32.1	31.6	-	-	-	-	-
566	Shoe stores.....	-	29.8	30.1	29.3	29.6	-	-	-	-	-
57	Furniture and home furnishings stores..	-	36.4	36.7	37.0	37.1	-	-	-	-	-
571	Furniture and home furnishings.....	-	36.8	36.9	37.0	37.4	-	-	-	-	-
58	Eating and drinking places ⁶	-	30.8	30.8	31.8	31.7	-	-	-	-	-
52,55,59	Other retail trade.....	-	37.6	37.7	38.2	38.1	-	-	-	-	-
52	Building materials and farm equipment	-	39.1	39.1	40.1	40.0	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	40.6	40.6	41.1	40.9	-	-	-	-	-
553,9	Other automotive & accessory dealers.	-	41.2	41.0	41.6	41.9	-	-	-	-	-
591	Drug stores and proprietary stores...	-	31.0	31.3	31.9	31.9	-	-	-	-	-
594	Book and stationery stores.....	-	33.3	33.5	33.8	33.0	-	-	-	-	-
598	Fuel and ice dealers.....	-	42.4	42.4	42.5	42.8	-	-	-	-	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	37.0	37.0	36.9	37.1	37.1	-	-	-	-	-
60	Banking.....	-	37.0	37.1	37.3	37.4	-	-	-	-	-
61	Credit agencies other than banks.....	-	37.7	37.6	37.8	38.0	-	-	-	-	-
612	Savings and loan associations.....	-	37.3	37.9	37.0	37.1	-	-	-	-	-
62	Security, commodity brokers & services.	-	37.7	37.2	38.6	38.3	-	-	-	-	-
63	Insurance carriers.....	-	37.1	37.0	36.8	36.6	-	-	-	-	-
631	Life insurance.....	-	37.0	36.9	35.9	35.8	-	-	-	-	-
632	Accident and health insurance.....	-	36.4	36.4	36.4	35.9	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	37.4	37.4	37.9	37.7	-	-	-	-	-
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	35.1	34.5	35.6	35.3	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants.....	-	35.5	35.4	36.2	35.8	-	-	-	-	-
722	Photographic studios.....	-	34.6	35.1	35.4	35.2	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing..	-	38.7	40.0	40.5	40.9	-	-	-	-	-

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. September 1969: \$166.43, \$3.74, and 44.5.

³ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

⁷ Data for nonoffice salesmen excluded from all series in this division.

*Not available.

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	1970		1969										
	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.
EXECUTIVE BRANCH													
Total employment	2,654.1	2,724.9	2,669.2	2,679.6	2,697.3	2,767.2	2,804.5	2,795.9	2,704.5	2,712.0	2,701.9	2,704.2	2,699.3
Average weekly hours	39.2	39.6	39.6	39.5	39.3	39.6	39.4	39.4	39.4	39.5	39.5	39.9	39.5
Average overtime hours	1.0	1.5	1.0	.9	1.0	.9	.8	1.0	1.0	1.0	1.1	1.0	1.0
Indexes (1965=100):													
Average weekly earnings	128.2	130.4	128.7	127.2	126.0	124.7	119.1	117.8	118.9	117.5	117.5	118.7	117.5
Average hourly earnings	132.5	133.3	131.6	130.4	129.8	127.5	123.7	121.1	122.2	120.5	120.5	120.5	120.5
DEPARTMENT OF DEFENSE													
Total employment	1,075.7	1,083.9	1,091.0	1,102.8	1,111.6	1,142.9	1,167.5	1,162.4	1,125.2	1,128.2	1,129.0	1,130.4	1,131.3
Average weekly hours	39.2	39.1	39.8	40.1	39.6	39.8	38.5	40.2	39.9	39.8	40.2	40.7	40.2
Average overtime hours . . . . .	.8	.8	.8	.8	.9	1.0	.9	1.2	1.0	.8	1.2	1.2	1.3
Indexes (1965=100):													
Average weekly earnings	127.3	128.1	128.4	126.8	125.2	123.8	118.4	118.2	119.9	116.5	117.4	118.8	117.7
Average hourly earnings	132.4	133.6	131.6	129.0	129.0	126.9	125.5	120.0	122.6	119.4	119.1	119.1	119.4
POST OFFICE DEPARTMENT													
Total employment	725.2	793.6	726.1	725.5	726.5	741.0	739.8	736.6	723.1	720.9	718.5	718.4	718.5
Average weekly hours	39.2	40.8	39.7	38.8	38.7	38.7	39.1	38.4	38.5	38.8	38.7	39.4	38.6
Average overtime hours	1.6	3.3	1.5	1.3	1.2	.9	.8	.9	1.1	1.3	1.2	1.0	1.1
Indexes (1965=100):													
Average weekly earnings	120.6	127.2	121.5	118.4	117.8	116.6	117.8	111.1	112.0	113.2	112.6	114.3	112.3
Average hourly earnings	127.1	128.7	126.4	126.1	125.7	124.4	124.4	119.5	120.1	120.5	120.1	119.8	120.1
OTHER AGENCIES													
Total employment	853.2	847.4	852.1	851.3	859.2	883.3	897.2	896.9	856.2	862.9	854.4	855.4	849.5
Average weekly hours	39.2	39.1	39.3	39.3	39.4	40.0	39.6	39.2	39.6	39.8	39.3	39.4	39.2
Average overtime hours . . . . .	.9	.8	.9	.8	.8	.8	.8	.9	.9	.9	.8	.8	.7
Indexes (1965=100):													
Average weekly earnings	135.8	136.0	135.6	135.1	133.8	131.4	122.0	122.9	124.2	122.9	121.9	122.4	121.8
Average hourly earnings	136.9	137.4	136.3	135.8	134.1	129.8	121.7	123.8	123.8	122.0	122.5	122.8	122.8

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage-board employees. Since these averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

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

Major industry group	Average hourly earnings excluding overtime ¹				
	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
MANUFACTURING	\$3.19	\$3.16	\$3.17	\$3.00	\$3.00
DURABLE GOODS	3.37	3.35	3.35	3.17	3.17
Ordnance and accessories	-	3.47	3.45	3.27	3.27
Lumber and wood products	-	2.70	2.71	2.52	2.49
Furniture and fixtures	-	2.62	2.62	2.46	2.45
Stone, clay, and glass products	-	3.13	3.12	2.95	2.91
Primary metal industries	-	3.70	3.70	3.54	3.53
Fabricated metal products	-	3.32	3.30	3.13	3.12
Machinery, except electrical	-	3.55	3.52	3.34	3.33
Electrical equipment and supplies	-	3.11	3.07	2.94	2.94
Transportation equipment	-	3.85	3.88	3.67	3.68
Instruments and related products	-	3.19	3.16	3.00	2.99
Miscellaneous manufacturing industries	-	2.70	2.71	2.52	2.53
NONDURABLE GOODS	2.91	2.90	2.90	2.74	2.73
Food and kindred products	-	2.94	2.93	2.80	2.78
Tobacco manufactures	-	2.85	2.81	2.63	2.60
Textile mill products	-	2.32	2.32	2.18	2.18
Apparel and other textile products	-	2.32	2.32	2.25	2.23
Paper and allied products	-	3.16	3.15	2.97	2.96
Printing and publishing	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.46	3.45	3.25	3.24
Petroleum and coal products	-	4.07	4.06	3.78	3.72
Rubber and plastics products, n e c	-	3.00	3.01	2.87	2.88
Leather and leather products	-	2.41	2.40	2.29	2.27

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 coal 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			
	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	
TOTAL PRIVATE:										
Current dollars	\$116.87	\$116.12	\$110.11	\$94.00	\$93.43	\$87.65	\$102.57	\$101.97	\$96.57	
1957-59 dollars	88.20	88.10	88.37	70.94	70.89	70.35	77.41	77.37	77.50	
MINING:										
Current dollars	159.70	158.58	149.60	126.05	125.19	116.39	136.62	135.70	126.89	
1957-59 dollars	120.53	120.32	120.06	95.13	94.98	93.41	103.11	102.96	101.84	
CONTRACT CONSTRUCTION:										
Current dollars	185.98	180.64	166.90	146.21	142.16	129.39	158.30	153.89	140.92	
1957-59 dollars	140.36	137.06	133.95	110.35	107.86	103.84	119.47	116.76	113.10	
MANUFACTURING:										
Current dollars	130.54	131.93	124.80	104.23	105.28	98.44	113.38	114.48	107.82	
1957-59 dollars	98.52	100.10	100.16	78.66	79.88	79.00	85.57	86.86	86.53	
WHOLESALE AND RETAIL TRADE:										
Current dollars	93.80	93.02	88.60	76.57	75.97	71.57	84.37	83.74	79.91	
1957-59 dollars	70.79	70.58	71.11	57.79	57.64	57.44	63.60	63.54	64.13	
FINANCE, INSURANCE, AND REAL ESTATE:										
Current dollars	112.48	111.07	107.59	90.71	89.65	85.80	99.08	97.98	94.66	
1957-59 dollars	84.89	84.27	86.35	68.46	68.02	68.86	74.78	74.34	75.97	

¹For coverage of series, see footnote 1, table B-2.
NOTE: 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				
	Mar. 1970	Feb. 1970	Jan. 1970	Mar. 1969	Feb. 1969
	Man-hours				
TOTAL	111.5	110.4	110.7	114.9	112.3
MINING	78.7	79.4	79.1	77.6	78.2
CONTRACT CONSTRUCTION	105.5	100.6	96.5	103.5	98.8
MANUFACTURING	114.3	113.8	114.9	118.9	116.4
DURABLE GOODS	119.5	118.5	120.1	126.0	123.5
Ordnance and accessories	173.8	176.6	182.0	222.6	220.7
Lumber and wood products	85.8	85.0	85.9	93.5	91.2
Furniture and fixtures	123.8	123.1	125.6	132.5	130.2
Stone, clay, and glass products	106.6	105.4	105.3	110.8	108.0
Primary metal industries	109.3	110.2	112.4	113.3	111.3
Fabricated metal products	126.4	126.4	128.9	130.8	128.1
Machinery, except electrical	137.6	136.9	137.2	139.7	137.7
Electrical equipment and supplies	144.5	144.8	137.6	147.8	144.8
Transportation equipment	105.7	101.2	110.8	120.4	119.0
Instruments and related products	126.1	124.5	125.9	129.8	125.7
Miscellaneous manufacturing industries	105.9	105.0	102.9	107.4	101.1
NONDURABLE GOODS	107.5	107.7	108.2	109.7	107.3
Food and kindred products	90.7	91.4	93.0	89.9	89.5
Tobacco manufactures	68.2	72.0	74.7	68.2	73.6
Textile mill products	100.3	100.3	101.1	106.0	103.4
Apparel and other textile products	115.5	115.1	113.0	119.7	115.1
Paper and allied products	119.0	119.0	120.5	120.2	117.6
Printing and publishing	119.4	118.6	118.1	118.6	116.1
Chemicals and allied products	123.0	121.8	121.9	124.7	123.2
Petroleum and coal products	80.3	79.6	79.7	79.2	67.7
Rubber and plastics products, nec.	154.4	157.8	160.5	161.4	158.4
Leather and leather products	85.6	87.3	88.7	91.5	88.4
	Payrolls				
MINING	118.5	119.3	118.8	109.7	110.4
CONTRACT CONSTRUCTION	188.9	179.6	172.8	169.5	159.7
MANUFACTURING	178.6	176.8	178.9	176.1	171.9

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

SEASONALLY ADJUSTED HOURS

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

Industry	Mar. 1970	Feb. 1970	Jan. 1970	Dec. 1969	Nov. 1969	Oct. 1969	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969
TOTAL PRIVATE	37.4	37.4	37.4	37.5	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8
MINING	43.0	43.5	42.8	43.4	43.8	42.9	43.2	43.2	42.6	42.0	43.4	43.8	42.8
CONTRACT CONSTRUCTION	38.2	38.4	37.2	38.2	38.2	37.5	38.1	37.9	37.5	37.6	38.1	38.0	37.9
MANUFACTURING	40.2	39.9	40.3	40.7	40.5	40.5	40.8	40.6	40.7	40.7	40.7	40.8	40.9
<i>Overtime hours</i>	3.1	3.2	3.3	3.5	3.5	3.5	3.7	3.7	3.6	3.6	3.6	3.7	3.7
DURABLE GOODS	40.7	40.4	40.9	41.3	41.1	41.2	41.5	41.3	41.2	41.3	41.4	41.4	41.5
<i>Overtime hours</i>	3.1	3.2	3.4	3.6	3.5	3.7	3.9	3.8	3.8	3.9	3.8	3.8	3.9
Ordnance and accessories	41.1	41.0	40.6	40.5	40.4	40.1	40.4	40.4	40.2	40.9	40.6	40.9	40.8
Lumber and wood products	39.8	40.1	39.4	40.4	40.3	40.0	40.1	39.8	39.7	40.2	40.3	40.2	40.9
Furniture and fixtures	39.5	39.1	39.5	40.0	39.9	39.9	40.1	40.3	40.1	40.7	40.9	40.9	40.7
Stone, clay, and glass products	41.9	41.7	41.6	42.1	42.0	41.7	42.1	42.1	41.7	41.9	42.1	42.0	42.3
Primary metal industries	40.7	40.9	41.2	41.6	41.6	42.2	42.2	42.0	41.5	41.7	41.7	41.8	41.9
Fabricated metal products	41.3	41.1	41.4	41.6	41.4	41.4	41.5	41.6	41.6	41.8	41.6	41.8	41.9
Machinery, except electrical	41.7	41.8	42.3	42.6	42.2	42.4	42.7	42.6	42.2	42.5	42.6	42.6	42.7
Electrical equipment and supplies	40.1	39.7	40.4	40.3	40.1	40.2	40.5	40.4	40.3	40.6	40.6	40.9	40.7
Transportation equipment	40.4	40.3	40.0	41.5	40.6	41.3	41.8	41.2	42.3	41.6	41.1	41.5	41.6
Instruments and related products	40.7	40.1	40.7	40.9	40.9	40.7	41.0	40.9	40.9	40.9	40.8	40.8	40.7
Miscellaneous manufacturing industries	39.0	38.8	39.2	39.2	38.9	38.8	39.0	39.0	39.1	39.2	39.1	39.5	39.0
NONDURABLE GOODS	39.4	39.3	39.6	39.8	39.6	39.5	39.7	39.6	39.7	39.8	39.8	39.8	39.9
<i>Overtime hours</i>	3.1	3.2	3.4	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4
Food and kindred products	40.7	40.8	40.8	40.8	40.8	40.5	41.0	40.9	40.6	40.7	40.8	40.9	40.9
Tobacco manufactures	37.7	37.3	38.3	36.3	37.4	37.2	37.4	37.2	38.2	39.5	38.1	36.4	36.5
Textile mill products	40.2	40.1	40.2	40.9	40.8	40.6	40.8	40.9	41.2	41.2	41.0	41.1	40.9
Apparel and other textile products	35.4	35.5	35.7	36.0	35.8	35.7	35.8	35.9	36.0	36.2	36.1	36.0	36.0
Paper and allied products	42.3	42.4	43.0	42.8	42.7	42.7	42.8	42.8	43.0	42.9	43.0	43.4	43.2
Printing and publishing	38.0	38.0	38.2	38.6	38.4	38.3	38.3	38.4	38.5	38.4	38.4	38.3	38.3
Chemicals and allied products	41.9	41.8	42.0	41.8	41.9	41.7	41.6	41.9	41.9	41.8	41.8	41.6	41.7
Petroleum and coal products	42.2	42.7	42.4	42.2	42.7	42.6	42.0	42.8	42.9	42.2	43.0	42.9	43.2
Rubber and plastics products, nec	40.3	41.0	40.9	41.1	40.8	40.9	41.0	40.9	41.2	41.3	41.4	41.4	41.4
Leather and leather products	37.2	36.9	37.6	37.7	37.4	37.3	37.1	36.8	37.0	37.4	37.6	37.7	37.6
WHOLESALE AND RETAIL TRADE	35.4	35.4	35.4	35.4	35.5	35.5	35.7	35.8	35.7	35.7	35.7	35.6	35.7
WHOLESALE TRADE	40.1	40.2	40.3	40.4	40.2	40.3	40.3	40.3	40.0	40.0	40.1	40.2	40.1
RETAIL TRADE	33.8	33.7	33.8	33.8	34.0	33.9	34.2	34.3	34.2	34.2	34.3	34.1	34.3
FINANCE, INSURANCE, AND REAL ESTATE ...	37.0	37.0	36.9	36.9	37.2	37.1	37.1	37.0	37.0	37.2	37.0	37.1	37.1

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	Mar. 1970	Feb. 1970	Jan. 1970	Dec. 1969	Nov. 1969	Oct. 1969	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969
TOTAL	114.9	115.2	115.1	117.4	116.9	117.3	118.4	119.0	118.0	118.6	118.1	118.1	118.3
MINING	82.1	83.8	82.2	83.4	83.8	82.1	83.0	82.8	81.4	78.9	81.7	82.8	81.1
CONTRACT CONSTRUCTION	120.0	120.3	113.7	121.7	121.4	117.6	119.5	118.1	117.9	119.5	119.3	117.4	117.7
MANUFACTURING	115.6	115.8	117.0	118.3	117.7	119.1	120.0	121.0	119.8	120.4	119.7	120.0	120.3
DURABLE GOODS	120.2	119.9	121.3	123.7	122.9	126.0	127.2	128.5	126.2	126.9	125.8	126.3	126.8
Ordnance and accessories	175.8	176.5	178.2	185.8	189.8	189.6	196.7	205.7	211.5	216.3	219.3	222.1	226.2
Lumber and wood products	88.4	89.4	90.0	92.1	91.7	90.8	92.3	92.0	92.1	94.7	95.3	94.2	96.3
Furniture and fixtures	125.8	125.5	128.1	129.4	129.7	131.0	131.6	132.9	131.6	134.6	135.6	135.9	134.2
Stone, clay, and glass products	111.7	112.8	111.9	114.3	113.9	113.3	113.9	113.5	112.2	114.0	113.3	113.6	115.7
Primary metal industries	108.8	110.6	112.8	115.6	116.4	118.6	118.3	115.7	113.2	113.7	112.2	111.9	112.9
Fabricated metal products	128.4	128.5	130.5	131.9	130.9	131.0	132.5	132.9	132.2	132.8	132.1	132.4	133.0
Machinery, except electrical	135.2	135.8	137.3	138.8	136.6	138.7	139.0	137.3	136.3	138.1	137.3	137.7	137.3
Electrical equipment and supplies	145.8	144.8	137.2	137.5	137.8	150.2	150.7	150.7	150.4	150.6	150.8	150.6	149.3
Transportation equipment	105.4	101.5	109.0	114.8	113.1	118.3	121.7	131.2	121.7	120.0	115.7	118.6	119.9
Instruments and related products	126.2	124.8	126.2	128.2	128.2	128.5	129.9	130.9	130.4	130.9	131.5	130.6	130.2
Miscellaneous manufacturing industries	109.6	110.3	112.1	113.0	108.0	109.3	109.3	109.9	111.8	111.4	110.8	112.3	111.2
NONDURABLE GOODS	109.6	110.4	111.4	111.3	111.1	110.0	110.6	111.2	111.5	112.1	111.8	111.7	111.8
Food and kindred products	98.8	100.2	99.0	98.1	98.3	95.0	97.3	97.5	96.2	96.8	97.4	97.6	97.8
Tobacco manufactures	77.0	76.2	78.2	69.7	74.1	73.7	76.4	79.4	79.2	83.1	80.2	75.5	76.8
Textile mill products	100.6	101.3	102.9	104.3	103.9	103.1	103.9	104.3	106.2	106.2	105.5	106.2	106.3
Apparel and other textile products	113.5	114.5	116.7	117.2	116.2	115.9	116.3	116.9	117.8	119.1	118.8	118.2	117.6
Paper and allied products	120.9	121.6	123.3	122.5	121.6	121.4	121.7	121.7	121.8	121.7	121.6	121.6	122.4
Printing and publishing	119.3	119.6	120.4	121.5	120.9	120.2	119.3	119.3	119.4	118.9	118.1	118.3	118.5
Chemicals and allied products	122.7	123.2	124.0	123.6	123.9	123.1	123.0	124.9	125.1	125.4	124.2	123.6	124.5
Petroleum and coal products	83.6	83.9	83.3	82.2	83.9	83.0	81.2	83.4	84.3	82.9	83.8	83.6	82.8
Rubber and plastics products, nec	156.7	160.1	161.5	161.2	161.1	161.9	162.6	163.3	164.9	165.3	164.2	163.5	163.5
Leather and leather products	86.8	85.8	88.9	89.5	88.4	88.2	87.1	89.1	89.0	91.5	92.3	92.5	92.6

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	159.9	162.3	114.6	120.7	139.5	134.5	172.7	166.5	136.2	131.3	123.8	123.8
3d Quarter	160.8	163.1	115.0	121.4	139.8	134.4	175.8	169.1	136.8	131.5	125.8	125.8
4th Quarter	160.6	163.4	114.3	121.0	140.5	135.0	179.3	172.1	137.5	132.0	127.7	127.5
Annual average	160.1	162.6	114.4	120.6	139.9	134.8	174.6	168.0	136.8	131.7	124.8	124.7
Percent change over previous quarter at annual rate ³												
1966: 1st Quarter	8.1	8.5	2.0	3.4	6.0	5.0	8.6	7.2	5.5	4.2	2.4	2.1
2d Quarter	3.3	4.0	1.5	2.7	1.7	1.3	8.3	7.3	3.8	2.8	6.5	5.9
3d Quarter	2.7	3.3	2.6	3.6	0.0	-0.3	5.6	5.0	2.0	1.4	5.6	5.4
4th Quarter	4.6	4.4	0.3	0.1	4.3	4.3	7.2	6.6	3.9	3.3	2.8	2.2
1967: 1st Quarter	-1.4	-2.2	0.0	-0.3	-1.4	-1.9	3.9	4.9	3.2	4.1	5.3	6.9
2d Quarter	2.3	1.9	-3.7	-2.1	6.2	4.1	6.7	5.5	3.7	2.6	0.5	1.4
3d Quarter	4.5	4.8	2.9	1.7	1.5	3.0	5.2	5.8	0.9	1.6	3.6	2.7
4th Quarter	3.6	3.9	2.1	2.4	1.5	1.5	5.6	5.9	2.1	2.3	4.1	4.4
1968: 1st Quarter	6.0	6.0	1.0	1.2	4.9	4.8	11.3	10.9	6.8	6.5	6.0	5.9
2d Quarter	7.4	8.4	3.5	3.8	3.8	4.5	6.0	5.5	1.1	0.7	2.1	1.0
3d Quarter	4.1	4.0	1.9	2.8	2.1	1.1	7.5	6.4	2.3	1.3	5.3	5.3
4th Quarter	3.5	4.0	-0.3	0.0	3.8	4.0	10.4	10.3	5.5	5.4	6.3	6.0
1969: 1st Quarter	2.6	2.2	3.8	4.6	-1.2	-2.3	6.4	5.8	1.4	0.8	7.6	8.3
2d Quarter	1.9	2.0	3.2	3.5	-1.3	-1.4	5.4	5.4	-1.4	-1.4	6.8	6.9
3d Quarter	2.2	2.0	1.3	2.4	0.8	-0.4	7.4	6.2	1.5	0.4	6.5	6.6
4th Quarter	-0.3	0.6	-2.2	-1.3	2.0	1.9	8.2	7.5	2.3	1.7	6.0	5.5
Percent change over previous year ⁴												
Year ending -												
1968: 1st Quarter	4.1	4.1	0.6	0.8	3.5	3.3	7.2	7.0	3.4	3.2	3.5	3.6
2d Quarter	5.4	5.8	2.4	2.3	2.9	3.4	7.0	7.0	2.7	2.7	3.9	3.5
3d Quarter	5.3	5.6	2.1	2.6	3.1	2.9	7.6	7.2	3.1	2.7	4.4	4.1
4th Quarter	5.3	5.6	1.5	1.9	3.7	3.6	8.8	8.3	3.9	3.4	4.9	4.5
1969: 1st Quarter	4.4	4.6	2.2	2.8	2.1	1.8	7.6	7.0	2.6	2.0	5.3	5.1
2d Quarter	3.0	3.0	2.2	2.7	0.8	0.3	7.4	7.0	1.9	1.5	6.5	6.6
3d Quarter	2.5	2.5	2.0	2.6	0.5	-0.1	7.3	6.9	1.7	1.2	6.8	6.9
4th Quarter	1.6	1.7	1.5	2.3	0.1	-0.6	6.8	6.2	0.9	0.4	6.7	6.8

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 computed from original data.

⁴ Current quarter divided by comparable quarter a year ago.

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		
	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
ALABAMA	\$112.68	\$112.68	\$107.86	40.1	40.1	40.7	\$2.81	\$2.81	\$2.65
Birmingham	134.64	133.65	128.74	40.8	40.5	41.0	3.30	3.30	3.14
Mobile ¹	131.11	131.75	126.24	41.1	41.3	41.8	3.19	3.19	3.02
ALASKA ¹	(*)	187.20	166.50	(*)	39.0	37.0	(*)	4.80	4.50
ARIZONA	128.70	132.76	124.64	39.6	40.6	41.0	3.25	3.27	3.04
Phoenix	130.02	134.46	124.95	39.4	40.5	40.7	3.30	3.32	3.07
Tucson	131.08	129.69	124.42	39.6	39.3	41.2	3.31	3.30	3.02
ARKANSAS	95.59	97.12	91.83	39.5	40.3	40.1	2.42	2.41	2.29
Fort Smith ¹	89.01	91.18	86.14	38.2	39.3	38.8	2.33	2.32	2.22
Little Rock-North Little Rock ¹	99.82	101.77	96.88	39.3	39.6	40.2	2.54	2.57	2.41
Pine Bluff ¹	117.60	121.88	112.20	39.2	40.9	40.8	3.00	2.98	2.75
CALIFORNIA	148.06	148.08	141.95	39.8	39.7	40.1	3.72	3.73	3.54
Anaheim-Santa Ana-Garden Grove	149.85	150.96	144.14	40.5	40.8	41.3	3.70	3.70	3.49
Bakersfield	152.31	153.56	149.04	40.4	40.2	41.4	3.77	3.82	3.60
Fresno	122.72	120.01	119.57	37.3	36.7	38.2	3.29	3.27	3.13
Los Angeles-Long Beach	143.60	144.76	139.73	40.0	40.1	40.5	3.59	3.61	3.45
Modesto-Turlock	125.43	124.50	122.30	37.0	37.5	37.4	3.39	3.32	3.27
Oxnard-Ventura	129.02	126.49	122.98	38.4	38.1	39.8	3.36	3.32	3.09
Sacramento	154.33	153.09	153.66	38.2	37.8	39.1	4.04	4.05	3.93
Salinas-Monterey	130.82	130.47	130.20	37.7	37.6	39.1	3.47	3.47	3.33
San Bernardino-Riverside-Ontario	142.63	141.87	139.90	39.4	39.3	40.2	3.62	3.61	3.48
San Diego	163.22	162.00	152.78	40.5	40.4	40.1	4.03	4.01	3.81
San Francisco-Oakland	161.02	161.44	152.49	38.8	38.9	39.0	4.15	4.15	3.91
San Jose	156.81	156.81	147.71	39.8	39.8	39.6	3.94	3.94	3.73
Santa Barbara	136.42	140.23	132.55	39.2	39.5	39.1	3.48	3.55	3.39
Santa Rosa	136.35	128.82	123.33	38.3	36.7	37.6	3.56	3.51	3.28
Stockton	147.03	146.64	143.20	39.0	39.0	40.0	3.77	3.76	3.58
Vallejo-Napa	142.85	135.79	139.43	38.4	37.1	38.2	3.72	3.66	3.65
COLORADO ¹	142.74	141.17	132.36	40.9	40.8	40.6	3.49	3.46	3.26
Denver ¹	145.96	144.49	134.13	41.0	40.7	40.4	3.56	3.55	3.32
CONNECTICUT	139.18	140.61	123.65	41.3	41.6	38.4	3.37	3.38	3.22
Bridgeport	144.63	143.79	123.06	41.8	41.8	38.1	3.46	3.44	3.23
Hartford	152.87	153.72	134.80	42.7	42.7	39.3	3.58	3.60	3.43
New Britain	144.24	146.72	122.30	42.3	42.9	38.1	3.41	3.42	3.21
New Haven	136.96	137.57	116.89	40.4	40.7	36.3	3.39	3.38	3.22
Stamford	150.72	149.88	136.04	42.1	42.1	41.1	3.58	3.56	3.31
Waterbury	131.14	130.72	116.05	41.5	41.5	38.3	3.16	3.15	3.03
DELAWARE ¹	130.47	127.54	124.18	39.9	38.3	39.8	3.27	3.33	3.12
Wilmington ¹	145.67	140.59	139.49	39.8	38.1	40.2	3.66	3.69	3.47
DISTRICT OF COLUMBIA :									
Washington SMSA	(*)	(*)	132.31	(*)	(*)	38.8	(*)	(*)	3.41
FLORIDA ¹	115.34	115.36	110.24	40.9	41.2	41.6	2.82	2.80	2.65
Fort Lauderdale-Hollywood ¹	125.96	123.32	105.06	41.3	40.3	40.1	3.05	3.06	2.62
Jacksonville ¹	116.00	113.20	112.48	40.0	40.0	40.9	2.90	2.83	2.75
Miami ¹	108.62	107.44	101.34	39.5	39.5	40.7	2.75	2.72	2.49
Orlando ¹	118.71	117.33	120.42	41.8	40.6	44.6	2.84	2.89	2.70
Pensacola ¹	131.78	132.60	132.13	40.3	40.8	42.9	3.27	3.25	3.08
Tampa-St. Petersburg ¹	119.88	121.93	114.81	40.5	41.9	41.9	2.96	2.91	2.74
West Palm Beach ¹	141.98	142.14	118.86	45.8	46.3	42.0	3.10	3.07	2.83
GEORGIA	103.75	102.43	100.53	39.6	38.8	40.7	2.62	2.64	2.47
Atlanta	127.98	123.34	128.43	38.9	36.6	40.9	3.29	3.37	3.14
Savannah	125.15	128.39	120.98	40.5	40.5	42.3	3.09	3.17	2.86
HAWAII	123.83	119.68	113.59	38.1	37.4	37.0	3.25	3.20	3.07
Honolulu	121.97	120.99	116.18	37.3	37.0	37.0	3.27	3.27	3.14
IDAHO	119.39	116.87	118.60	37.9	37.7	39.8	3.15	3.10	2.98
ILLINOIS	(*)	146.45	138.94	(*)	40.7	41.1	(*)	3.59	3.38
Chicago	(*)	(*)	140.28	(*)	(*)	41.1	(*)	(*)	3.41
Davenport-Rock Island-Moline	(*)	(*)	156.71	(*)	(*)	40.7	(*)	(*)	3.85

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		
	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
ILLINOIS (continued)									
Peoria	(*)	(*)	\$161.18	(*)	(*)	42.1	(*)	(*)	\$3.83
Rockford	(*)	(*)	140.49	(*)	(*)	42.3	(*)	(*)	3.32
INDIANA	\$145.16	\$146.61	141.38	40.1	40.5	41.1	\$3.62	\$3.62	3.44
Indianapolis ¹	(*)	143.15	140.76	(*)	38.9	40.8	(*)	3.68	3.45
IOWA	144.44	147.42	134.32	39.9	40.5	40.1	3.62	3.64	3.35
Cedar Rapids	139.79	146.32	136.80	39.6	41.1	41.5	3.53	3.56	3.30
Des Moines	152.05	155.88	145.22	39.7	40.7	40.4	3.83	3.83	3.59
Dubuque	154.46	165.33	141.30	37.4	38.9	37.7	4.13	4.25	3.75
Sioux City	128.86	131.77	130.02	41.3	41.7	42.2	3.12	3.16	3.08
Waterloo	160.00	160.80	154.60	39.8	40.1	40.8	4.02	4.01	3.79
KANSAS	131.58	131.73	126.64	42.5	42.2	41.7	3.10	3.12	3.04
Topeka	158.53	160.55	147.24	45.7	46.1	44.3	3.47	3.48	3.32
Wichita	143.49	138.60	129.24	43.3	42.4	40.9	3.31	3.27	3.16
KENTUCKY ¹	124.19	123.55	118.80	39.3	39.6	40.0	3.16	3.12	2.97
Louisville	144.22	144.28	132.25	39.4	40.3	39.3	3.66	3.58	3.37
LOUISIANA	131.61	133.44	124.03	41.0	41.7	40.8	3.21	3.20	3.04
Baton Rouge	161.03	155.58	150.45	42.6	41.6	42.5	3.78	3.74	3.54
New Orleans ¹	129.75	135.30	129.15	39.2	41.0	41.0	3.31	3.30	3.15
Shreveport	114.56	116.18	110.28	39.1	40.2	40.1	2.93	2.89	2.75
MAINE	105.07	106.92	92.75	39.8	40.5	37.4	2.64	2.64	2.48
Lewiston-Auburn	86.14	87.56	77.06	36.5	37.1	34.4	2.36	2.36	2.24
Portland	112.46	110.40	99.15	40.6	40.0	37.7	2.77	2.76	2.63
MARYLAND	134.94	135.20	127.17	40.4	40.6	40.5	3.34	3.33	3.14
Baltimore	139.73	140.01	131.14	40.5	40.7	40.6	3.45	3.44	3.23
MASSACHUSETTS	123.80	123.78	109.73	39.3	39.8	36.7	3.15	3.11	2.99
Boston	132.65	132.72	118.34	38.9	39.5	36.3	3.41	3.36	3.26
Brockton	106.80	106.88	93.15	36.7	37.5	34.5	2.91	2.85	2.70
Fall River	92.66	93.24	85.18	35.5	36.0	33.8	2.61	2.59	2.52
Lawrence-Haverhill	121.77	121.47	100.55	41.0	40.9	36.3	2.97	2.97	2.77
Lowell	107.34	107.41	93.08	38.2	39.2	36.5	2.81	2.74	2.55
New Bedford	98.47	98.36	94.88	37.3	37.4	37.8	2.64	2.63	2.51
Springfield-Chicopee-Holyoke	128.64	129.28	110.66	40.2	40.4	36.4	3.20	3.20	3.04
Worcester	132.00	133.39	114.98	40.0	40.3	36.5	3.30	3.31	3.15
MICHIGAN	161.70	168.10	161.87	39.7	40.8	42.0	4.07	4.12	3.85
Ann Arbor	159.36	170.81	169.16	39.7	41.0	42.6	4.01	4.17	3.97
Battle Creek	168.61	168.31	168.03	42.6	43.1	45.0	3.96	3.91	3.73
Bay City	151.81	150.79	150.27	40.7	40.6	42.2	3.73	3.71	3.56
Detroit	171.07	176.41	167.83	39.6	40.6	41.8	4.32	4.35	4.02
Flint	167.18	186.52	183.25	37.5	40.6	41.8	4.46	4.59	4.38
Grand Rapids	145.96	146.25	142.69	40.1	40.4	41.6	3.64	3.62	3.43
Jackson	157.38	169.09	154.22	39.1	41.7	40.8	4.03	4.06	3.78
Kalamazoo	164.52	166.50	147.66	42.8	43.7	41.9	3.84	3.81	3.52
Lansing	164.71	172.73	179.61	38.7	40.5	43.3	4.26	4.27	4.15
Muskegon-Muskegon Heights	146.08	147.78	146.03	40.0	40.3	43.6	3.65	3.67	3.35
Saginaw	164.70	174.97	180.22	38.9	40.7	43.7	4.23	4.30	4.12
MINNESOTA	138.97	140.74	133.60	40.1	41.0	41.2	3.46	3.43	3.25
Duluth-Superior	125.52	131.59	122.15	39.9	39.7	39.3	3.15	3.32	3.11
Minneapolis-St. Paul	147.15	148.67	140.97	40.1	41.6	41.7	3.67	3.58	3.38
MISSISSIPPI ¹	93.77	95.51	92.75	39.4	40.3	40.5	2.38	2.37	2.29
Jackson ¹	94.00	93.15	93.07	40.0	40.5	41.0	2.35	2.30	2.27
MISSOURI	129.30	130.48	123.07	39.3	39.3	39.7	3.29	3.32	3.10
Kansas City	129.60	131.05	130.06	40.0	40.2	40.9	3.24	3.26	3.18
St. Joseph	139.59	146.85	133.14	42.3	44.1	42.4	3.30	3.33	3.14
St. Louis	146.89	146.57	139.49	39.7	39.4	40.2	3.70	3.72	3.47
Springfield	107.00	107.79	103.75	38.2	38.7	39.6	2.80	2.79	2.62
MONTANA	142.51	142.26	136.37	40.6	40.3	41.2	3.51	3.53	3.31
NEBRASKA ¹	127.38	130.70	123.67	41.6	42.5	42.4	3.06	3.08	2.91
Omaha ¹	129.15	132.65	124.74	40.9	41.7	41.6	3.16	3.18	2.99

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		
	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
NEVADA.....	\$161.13	\$157.00	\$147.45	39.3	38.2	38.2	\$4.10	\$4.11	\$3.86
NEW HAMPSHIRE.....	107.41	107.44	93.70	39.2	39.5	36.6	2.74	2.72	2.56
Manchester.....	98.30	97.40	82.93	38.1	37.9	34.7	2.58	2.57	2.39
NEW JERSEY.....	136.01	135.01	123.26	40.6	40.3	38.4	3.35	3.35	3.21
Atlantic City.....	104.83	107.80	103.88	38.4	39.2	39.8	2.73	2.75	2.61
Camden ²	132.16	134.00	129.20	39.1	40.0	40.5	3.38	3.35	3.19
Jersey City ³	145.43	140.22	127.98	42.4	41.0	38.9	3.43	3.42	3.29
Newark ³	135.66	132.70	124.15	39.9	38.8	38.2	3.40	3.42	3.25
Paterson-Clifton-Passaic ³	134.27	135.60	120.48	40.2	40.6	37.3	3.34	3.34	3.23
Perth Amboy ³	139.19	140.82	127.92	40.7	40.7	38.3	3.42	3.46	3.34
Trenton.....	124.42	131.13	123.95	38.4	40.1	39.1	3.24	3.27	3.17
NEW MEXICO ¹	100.17	101.99	106.63	37.1	38.2	40.7	2.70	2.67	2.62
Albuquerque ¹	113.39	112.58	117.31	38.7	39.5	41.6	2.93	2.85	2.82
NEW YORK.....	131.77	132.05	122.43	39.1	39.3	38.5	3.37	3.36	3.18
Albany-Schenectady-Troy.....	140.94	135.20	132.73	39.7	40.6	40.1	3.55	3.33	3.31
Binghamton.....	137.67	138.35	130.09	42.1	42.7	42.1	3.27	3.24	3.09
Buffalo.....	153.52	159.01	150.28	40.4	41.3	41.4	3.80	3.85	3.63
Elmira.....	122.46	121.66	116.92	39.0	39.5	39.5	3.14	3.08	2.96
Monroe County ⁴	155.17	159.42	151.32	40.2	41.3	41.8	3.86	3.86	3.62
Nassau and Suffolk Counties ⁵	134.52	132.66	118.76	39.8	39.6	37.7	3.38	3.35	3.15
New York-Northeastern New Jersey.....	130.99	129.59	117.02	39.1	38.8	36.8	3.35	3.34	3.18
New York SMSA ³	126.82	125.07	112.01	38.2	37.9	35.9	3.32	3.30	3.12
New York City ⁵	125.50	123.38	110.45	37.8	37.5	35.4	3.32	3.29	3.12
Rochester.....	150.38	154.50	147.55	40.1	41.2	41.8	3.75	3.75	3.53
Rockland County ⁵	132.36	135.22	120.74	40.6	41.1	39.2	3.26	3.29	3.08
Syracuse.....	141.23	143.85	137.37	40.7	41.1	41.5	3.47	3.50	3.31
Utica-Rome.....	124.11	126.88	121.58	39.4	39.9	40.8	3.15	3.18	2.98
Westchester County ⁵	124.61	126.43	114.14	38.7	38.9	36.7	3.22	3.25	3.11
NORTH CAROLINA.....	95.74	94.62	90.35	39.4	39.1	39.8	2.43	2.42	2.27
Asheville.....	92.58	85.78	89.24	38.9	36.5	40.2	2.43	2.35	2.22
Charlotte.....	100.80	101.56	95.75	40.0	40.3	40.4	2.52	2.52	2.37
Greensboro-Winston-Salem-High Point.....	(*)	104.06	96.47	(*)	38.4	38.9	(*)	2.71	2.48
Raleigh.....	96.78	95.94	92.00	39.5	39.0	40.0	2.45	2.46	2.30
NORTH DAKOTA.....	111.03	110.99	106.85	39.4	38.9	38.7	2.82	2.85	2.76
Fargo-Moorhead.....	117.77	117.72	118.40	38.8	38.1	38.5	3.04	3.09	3.08
OHIO ¹	150.29	152.93	148.04	40.4	41.0	41.7	3.72	3.73	3.55
Akron ¹	168.06	167.66	163.38	41.6	41.5	42.0	4.04	4.04	3.89
Canton ¹	151.20	155.40	146.02	41.2	42.0	41.6	3.67	3.70	3.51
Cincinnati ¹	142.68	142.55	135.29	41.0	41.2	41.5	3.48	3.46	3.26
Cleveland ¹	152.36	156.18	152.82	40.2	41.1	42.1	3.79	3.80	3.63
Columbus ¹	138.29	142.21	138.04	39.4	40.4	40.6	3.51	3.52	3.40
Dayton ¹	166.46	172.22	171.60	40.5	41.6	42.9	4.11	4.14	4.00
Toledo ¹	160.33	161.50	158.58	40.9	41.2	42.4	3.92	3.92	3.74
Youngstown-Warren ¹	155.23	154.84	156.59	39.7	39.4	41.1	3.91	3.93	3.81
OKLAHOMA.....	124.54	124.75	117.50	40.7	40.9	40.8	3.06	3.05	2.88
Oklahoma City.....	121.77	122.78	113.96	41.0	41.2	40.7	2.97	2.98	2.80
Tulsa.....	139.70	140.70	129.48	41.7	42.0	41.5	3.35	3.35	3.12
OREGON ¹	144.72	143.22	137.16	38.8	38.5	39.3	3.73	3.72	3.49
Eugene.....	(*)	144.74	137.63	(*)	37.4	39.1	(*)	3.87	3.52
Portland ¹	143.19	142.48	137.98	38.7	38.3	39.2	3.70	3.72	3.52
PENNSYLVANIA.....	128.58	129.49	123.69	39.2	39.6	39.9	3.28	3.27	3.10
Allentown-Bethlehem-Easton.....	127.40	128.77	117.34	39.2	39.5	38.6	3.25	3.26	3.04
Allentown.....	106.20	107.14	106.77	38.2	38.4	39.4	2.78	2.79	2.71
Erie.....	136.08	135.38	133.88	40.5	41.4	42.1	3.36	3.27	3.18
Harrisburg.....	123.22	121.50	113.03	40.4	40.1	39.8	3.05	3.03	2.84
Johnstown.....	125.83	126.79	118.86	36.9	37.4	36.8	3.41	3.39	3.23
Lancaster.....	120.29	121.71	113.65	39.7	40.3	40.3	3.03	3.02	2.82
Philadelphia.....	137.36	138.00	131.05	39.7	40.0	40.2	3.46	3.45	3.26
Pittsburgh.....	149.92	149.11	142.36	40.3	40.3	40.1	3.72	3.70	3.55
Reading.....	120.99	121.50	116.52	39.8	40.1	40.6	3.04	3.03	2.87
Scranton.....	94.69	100.17	94.50	35.2	37.1	37.5	2.69	2.70	2.52
Wilkes-Barre-Hazleton.....	96.03	95.83	91.64	36.1	36.3	37.1	2.66	2.64	2.47
York.....	120.66	125.04	113.97	40.9	42.1	41.9	2.95	2.97	2.72

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		
	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969	Feb. 1970	Jan. 1970	Feb. 1969
RHODE ISLAND.....	\$111.67	\$112.12	\$104.80	39.6	39.9	40.0	\$2.82	\$2.81	\$2.62
Providence-Pawtucket-Warwick.....	111.78	113.20	106.26	39.5	40.0	40.1	2.83	2.83	2.65
SOUTH CAROLINA.....	100.19	99.05	94.60	40.4	40.1	40.6	2.48	2.47	2.33
Charleston.....	117.74	121.42	110.97	40.6	41.3	41.1	2.90	2.94	2.70
Greenville.....	96.96	96.87	95.04	39.9	39.7	41.5	2.43	2.44	2.29
SOUTH DAKOTA.....	118.58	126.25	118.02	42.2	44.3	42.3	2.81	2.85	2.79
Sioux Falls.....	140.80	154.24	137.77	44.0	47.9	44.3	3.20	3.22	3.11
TENNESSEE ¹	106.13	105.32	103.17	39.6	39.3	40.3	2.68	2.68	2.56
Chatanooga ¹	115.37	113.87	111.66	40.2	39.4	40.9	2.87	2.89	2.73
Knoxville ¹	119.38	117.69	115.83	39.4	39.1	40.5	3.03	3.01	2.86
Memphis.....	118.78	121.06	115.64	40.4	40.9	41.3	2.94	2.96	2.80
Nashville ¹	116.61	115.34	108.38	39.8	39.5	39.7	2.93	2.92	2.73
TEXAS.....	125.96	127.61	120.42	40.5	40.9	41.1	3.11	3.12	2.93
Amarillo.....	110.02	110.29	107.98	40.3	40.4	40.9	2.73	2.73	2.64
Austin.....	107.86	104.90	99.55	40.7	40.5	40.8	2.65	2.59	2.44
Beaumont-Port Arthur-Orange ¹	168.51	166.46	150.54	41.2	40.9	38.8	4.09	4.07	3.88
Corpus Christi.....	(*)	154.73	142.04	(*)	43.1	42.4	(*)	3.59	3.35
Dallas.....	121.60	122.51	118.69	40.4	40.7	41.5	3.01	3.01	2.86
El Paso ¹	79.71	80.09	80.14	37.6	37.6	37.8	2.12	2.13	2.12
Fort Worth.....	130.17	133.74	127.41	40.3	40.9	41.1	3.23	3.27	3.10
Galveston-Texas City ¹	190.94	185.32	171.40	43.2	42.8	41.5	4.42	4.33	4.13
Houston.....	152.93	151.73	136.04	42.6	42.5	41.1	3.59	3.57	3.31
Lubbock ¹	110.38	112.52	105.46	43.8	44.3	43.4	2.52	2.54	2.43
San Antonio.....	99.29	100.80	96.76	41.2	42.0	41.0	2.41	2.40	2.36
Waco.....	106.08	112.06	100.73	39.0	40.6	38.3	2.72	2.76	2.63
Wichita Falls.....	97.11	99.46	93.84	39.8	41.1	40.8	2.44	2.42	2.30
UTAH ¹	127.16	128.15	127.26	38.3	38.6	39.4	3.32	3.32	3.23
Salt Lake City ¹	119.45	120.19	123.32	37.8	38.4	39.4	3.16	3.13	3.13
VERMONT.....	118.49	116.52	106.26	41.0	40.6	39.5	2.89	2.87	2.69
Burlington.....	128.93	128.23	116.40	40.8	41.1	40.7	3.16	3.12	2.86
Springfield.....	134.97	129.68	113.10	40.9	39.9	37.7	3.30	3.25	3.00
VIRGINIA.....	106.52	107.47	103.63	39.6	40.1	40.8	2.69	2.68	2.54
Lynchburg.....	104.34	102.72	102.06	40.6	40.6	42.0	2.57	2.53	2.43
Norfolk-Portsmouth.....	116.60	116.16	110.68	41.2	40.9	41.3	2.83	2.84	2.68
Richmond.....	117.71	118.80	111.72	39.5	40.0	39.9	2.98	2.97	2.80
Roanoke.....	99.75	99.14	99.25	39.9	40.3	41.7	2.50	2.46	2.38
WASHINGTON ¹	156.41	156.02	148.90	39.3	39.2	39.6	3.98	3.98	3.76
Seattle-Everett ¹	163.59	163.59	157.95	39.9	39.9	40.5	4.10	4.10	3.90
Spokane ¹	147.06	145.16	146.69	38.7	37.9	40.3	3.80	3.83	3.64
Tacoma ¹	147.41	144.34	139.47	37.7	37.2	37.9	3.91	3.88	3.68
WEST VIRGINIA.....	132.20	133.39	125.42	39.7	40.3	40.2	3.33	3.31	3.12
Charleston.....	166.88	166.60	177.38	42.9	43.5	48.2	3.89	3.83	3.68
Huntington-Ashland.....	133.79	135.72	132.14	37.9	39.0	39.8	3.53	3.48	3.32
Wheeling.....	135.26	135.66	128.48	39.9	39.9	39.9	3.39	3.40	3.22
WISCONSIN.....	144.16	144.70	138.60	40.7	40.8	41.5	3.54	3.55	3.34
Green Bay.....	146.47	147.81	137.53	42.2	42.7	42.3	3.47	3.46	3.25
Kenosha.....	154.82	164.98	147.04	39.2	41.0	39.8	3.95	4.02	3.69
La Crosse.....	117.31	119.01	113.55	39.5	40.0	40.1	2.97	2.97	2.83
Madison.....	151.74	153.28	145.83	39.4	40.0	40.3	3.85	3.84	3.62
Milwaukee.....	155.22	156.70	149.39	40.7	40.9	41.3	3.82	3.83	3.61
Racine.....	146.50	144.91	139.88	40.1	40.1	40.7	3.65	3.62	3.44
WYOMING ¹	120.50	124.73	111.69	38.5	39.1	36.5	3.13	3.19	3.06
Casper ¹	149.60	147.71	128.15	40.0	39.6	35.4	3.74	3.73	3.62
Cheyenne ²	119.31	113.70	99.04	33.8	32.3	35.5	3.53	3.52	2.79

¹ Revised series; not strictly comparable with previously published data.
² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
³ Area included in New York-Northeastern New Jersey Standard Consolidated Area.
⁴ Subarea of Rochester Standard Metropolitan Statistical Area.
⁵ Subarea of New York Standard Metropolitan Statistical Area.
⁶ Initial inclusion in this publication.

*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

1959 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1959.....	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961.....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962.....	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963.....	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964.....	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965.....	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1	4.3
1966.....	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9	5.0
1967.....	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8	4.4
1968.....	4.2	3.8	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	6.6	5.1	5.6	5.9	4.9	3.6	2.9	4.7
1970.....	4.0	3.5											
New hires													
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964.....	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965.....	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966.....	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1	3.8
1967.....	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0	3.3
1968.....	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.5	4.0	2.9	2.2	3.5
1969.....	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1	3.7
1970.....	2.9	2.6											
Total separations													
1959.....	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961.....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962.....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963.....	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964.....	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965.....	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1	4.1
1966.....	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967.....	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9	4.6
1968.....	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	4.9	4.1	3.8	4.6
1969.....	4.5	4.0	4.4	4.5	4.6	4.5	5.3	6.2	6.6	5.3	4.3	4.1	4.9
1970.....	4.8	4.2											
Quits													
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964.....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966.....	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967.....	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5	2.3
1968.....	2.0	1.9	2.1	2.2	2.4	2.2	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	2.6	2.6	4.0	4.4	2.9	2.1	1.6	2.7
1970.....	2.1	1.9											
Layoffs													
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964.....	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965.....	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966.....	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7	1.2
1967.....	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6	1.4
1968.....	1.5	1.2	1.1	1.0	1.0	.9	.9	1.7	1.2	1.1	1.2	1.4	1.2
1969.....	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8	1.2
1970.....	1.7	1.4											

NOTE: 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	
		Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970
	MANUFACTURING	3.5	4.0	2.6	2.9	4.2	4.8	1.9	2.1	1.4	1.7
19,24,25,32-39	DURABLE GOODS . . .	3.2	3.7	2.4	2.5	4.2	4.8	1.7	1.9	1.6	1.9
20-23,26-31	NONDURABLE GOODS . . .	3.9	4.5	3.0	3.3	4.2	4.9	2.2	2.5	1.2	1.4
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	1.2	1.6	.7	.9	3.7	4.5	1.0	1.2	2.1	2.6
192	Ammunition, except for small arms	1.2	1.6	.5	.8	3.9	4.7	1.0	1.2	2.2	2.8
24	LUMBER AND WOOD PRODUCTS	4.0	5.4	3.4	3.7	6.3	6.4	2.8	2.9	2.8	2.6
242	Sawmills and planing mills	3.1	4.4	2.7	3.3	5.4	5.4	2.8	3.0	1.9	1.7
2421	Sawmills and planing mills, general	3.0	4.4	2.6	3.1	5.1	5.1	2.6	2.8	1.9	1.6
243	Millwork, plywood & related products	3.7	4.2	2.8	3.0	5.4	6.2	2.1	2.5	2.6	2.9
2431	Millwork	3.1	4.0	2.3	3.1	7.0	6.0	2.1	2.4	4.2	2.9
2432	Veneer and plywood	3.9	4.1	3.1	2.7	4.1	5.6	2.2	2.4	1.1	2.3
244	Wooden containers	7.4	7.6	6.9	6.5	8.0	7.6	5.0	4.7	2.0	1.8
2441,2	Wooden boxes, shooks, and crates	6.5	7.2	6.0	6.0	7.3	7.4	4.5	4.5	1.9	2.0
249	Miscellaneous wood products	5.3	6.4	4.6	5.4	5.3	6.0	3.5	3.6	.6	1.2
25	FURNITURE AND FIXTURES	4.2	4.9	3.5	4.2	5.7	6.2	3.2	3.3	1.5	1.6
251	Household furniture	4.2	5.2	3.5	4.5	6.0	6.4	3.5	3.6	1.5	1.6
2511	Wood household furniture	4.0	4.8	3.1	3.9	6.3	6.6	3.3	3.5	2.0	1.9
2512	Upholstered household furniture	3.3	3.8	2.7	3.4	4.4	5.7	2.7	2.9	.9	1.7
2515	Mattresses and bedsprings	4.3	7.1	3.7	6.5	6.4	6.4	4.1	4.4	1.0	.6
252	Office furniture	4.4	4.4	4.0	4.0	6.0	6.2	3.8	3.7	1.0	.8
32	STONE, CLAY, AND GLASS PRODUCTS	3.8	3.6	2.7	2.7	4.2	5.4	1.9	2.2	1.4	2.2
321	Flat glass	1.4	2.6	.5	.6	4.6	5.1	.4	.4	3.7	3.7
322	Glass and glassware, pressed or blown	4.7	4.2	2.4	2.5	3.9	4.4	1.9	2.1	.9	1.2
3221	Glass containers	5.0	4.8	3.0	3.2	4.6	5.0	2.3	2.7	1.2	1.4
3229	Pressed and blown glass, n e c	4.3	3.5	1.7	1.5	3.0	3.6	1.3	1.3	.5	1.0
324	Cement, hydraulic	2.7	1.6	1.0	1.2	3.5	6.2	.4	.7	2.0	4.4
325	Structural clay products	3.9	3.4	3.3	2.8	5.6	6.8	2.7	3.0	2.3	2.9
3251	Brick and structural clay tile	4.3	3.8	3.7	3.2	7.7	9.0	3.5	3.5	3.7	4.6
326	Pottery and related products	4.4	4.4	3.7	3.6	4.4	4.3	2.5	2.4	.8	.8
3291	Abrasive products	2.3	2.1	2.2	2.0	2.9	3.7	1.8	1.6	.5	1.2
33	PRIMARY METAL INDUSTRIES	2.7	3.3	1.9	2.3	3.3	3.8	1.4	1.5	.8	1.1
331	Blast furnace and basic steel products	1.8	2.8	1.0	1.7	2.5	3.1	.7	1.1	.8	.6
3312	Blast furnaces and steel mills	1.7	2.7	.9	1.6	2.5	3.0	.6	1.1	.8	.6
332	Iron and steel foundries	4.7	5.3	4.1	3.9	4.8	5.1	2.9	2.6	.6	1.1
3321	Gray iron foundries	4.5	5.4	4.0	3.7	4.7	5.2	3.2	2.8	.4	1.2
3322	Malleable iron foundries	6.3	4.9	5.6	3.7	6.7	5.2	3.7	2.3	1.4	1.3
3323	Steel foundries	4.8	5.2	3.8	4.4	4.4	4.9	2.0	2.4	.8	1.0
333,4	Nonferrous metals	2.9	2.5	1.9	2.1	2.5	2.5	1.3	1.5	.2	.2
335	Nonferrous rolling and drawing	2.0	2.5	1.5	1.6	2.8	3.8	1.1	1.1	.9	1.8
3351	Copper rolling and drawing	1.4	1.7	1.0	1.3	2.9	3.0	.8	1.0	1.5	1.1
3352	Aluminum rolling and drawing	1.6	2.3	.8	1.8	1.9	3.4	.8	1.2	.6	1.2
3357	Nonferrous wire drawing, and insulating	(1)	3.3	(1)	1.7	(1)	5.0	(1)	1.1	(1)	3.2
336	Nonferrous foundries	4.3	4.8	3.1	3.5	6.2	7.1	2.6	2.5	2.3	2.7
3361	Aluminum castings	5.3	5.1	3.5	3.5	7.0	7.7	2.7	2.7	2.6	2.4
3362,9	Other nonferrous castings	3.3	4.5	2.8	3.5	5.4	6.4	2.5	2.3	2.0	3.0
339	Miscellaneous primary metal products	2.9	3.5	2.4	2.2	3.6	4.0	1.5	1.5	1.1	1.5
3391	Iron and steel forgings	2.9	3.1	2.4	1.8	3.6	3.6	1.5	1.2	1.0	1.4

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	
		Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	3.6	4.5	2.9	3.5	4.6	5.5	2.1	2.3	1.3	2.1
341	Metal cans	4.7	8.0	2.2	2.9	5.1	6.0	1.1	1.5	2.5	3.1
342	Cutlery, hand tools, and hardware	2.8	3.9	2.5	2.7	3.7	4.9	1.8	2.0	.9	1.8
3421,3,5	Cutlery and hand tools, incl. saws	2.8	3.6	2.5	3.3	2.8	3.8	1.7	2.1	.3	.7
3429	Hardware, n e c	2.9	3.9	2.4	2.4	4.4	5.6	2.0	2.0	1.3	2.6
343	Plumbing and heating, except electric	2.7	4.0	2.3	3.5	4.0	4.7	1.7	2.3	1.4	1.2
3431,2	Sanitary ware & plumbers' brass goods	3.0	3.4	2.2	2.8	3.6	4.4	1.5	2.4	1.1	.9
3433	Heating equipment, except electric	2.6	4.5	2.3	4.0	4.3	4.9	1.9	2.3	1.6	1.3
344	Fabricated structural metal products	3.6	4.5	3.1	4.0	4.5	5.2	2.1	2.4	1.4	1.6
3441	Fabricated structural steel	4.2	5.1	3.9	4.6	4.8	5.8	2.4	2.6	1.2	1.9
3443	Fabricated plate work (boiler shops)	2.7	3.6	2.3	3.1	3.3	3.9	1.7	1.9	.7	1.1
3446,9	Architectural and misc. metal work	4.5	4.3	4.0	3.7	5.7	5.9	2.3	2.4	2.3	2.2
345	Screw machine products, bolts, etc.	3.2	4.1	3.0	3.7	4.0	4.1	2.1	2.3	.9	.6
3452	Bolts, nuts, rivets, and washers	2.5	3.4	2.2	2.9	3.3	3.6	1.5	1.8	.8	.6
346	Metal stampings	3.7	3.6	2.4	2.2	4.9	7.2	1.9	1.7	1.9	4.5
348	Misc. fabricated wire products	3.7	5.3	3.4	4.5	6.1	5.6	3.0	2.9	1.3	1.7
349	Misc. fabricated metal products	3.8	4.1	3.4	3.6	3.7	3.8	2.1	2.3	.6	.5
3494,8	Valves, pipe, and pipe fittings	3.4	3.9	3.0	3.4	3.5	3.7	1.9	2.2	.7	.5
35	MACHINERY, EXCEPT ELECTRICAL	2.9	3.2	2.3	2.5	3.2	3.5	1.5	1.6	.9	.9
351	Engines and turbines	(1)	3.1	(1)	1.8	(1)	2.7	(1)	1.1	(1)	.4
3511	Steam engines and turbines	(1)	2.6	(1)	1.9	(1)	2.1	(1)	.9	(1)	.1
3519	Internal combustion engines, n e c	(1)	3.2	(1)	1.8	(1)	3.0	(1)	1.2	(1)	.5
352	Farm machinery	3.9	5.4	2.2	3.2	4.2	4.5	1.3	1.8	1.9	1.7
353	Construction and related machinery	2.8	3.1	2.5	2.6	3.1	3.0	1.4	1.5	.8	.5
3531,2	Construction and mining machinery	2.8	2.6	2.3	2.1	2.7	2.2	1.3	1.1	.6	.3
3533	Oil field machinery	3.2	3.3	2.8	3.1	3.1	3.3	1.6	2.0	.5	.1
3535,6	Conveyors, hoists, cranes, monorails	2.8	3.1	2.6	2.9	2.8	3.6	1.5	1.9	.3	.7
354	Metal working machinery	2.2	2.8	1.8	2.3	2.9	3.3	1.3	1.4	.3	.9
3541	Machine tools, metal cutting types	1.7	1.9	1.4	1.6	2.5	2.8	1.1	1.2	.9	.9
3545	Machine tool accessories	1.7	2.4	1.5	2.2	2.5	2.7	1.5	1.4	.6	.6
3542,8	Misc. metal working machinery	2.4	2.5	1.7	2.1	2.8	3.4	1.0	1.4	1.2	1.2
355	Special industry machinery	2.4	2.7	2.1	2.4	2.8	3.1	1.5	1.5	.7	.8
3551	Food products machinery	2.9	3.1	2.7	2.8	2.6	3.0	1.3	1.4	.4	.6
3552	Textile machinery	2.0	2.7	1.6	2.2	4.2	4.7	2.2	1.9	1.4	1.8
356	General industrial machinery	2.3	2.9	2.0	2.3	2.6	3.0	1.4	1.5	.5	.7
3561	Pumps and compressors	2.1	3.0	1.8	2.6	2.2	3.1	1.3	1.6	.3	.5
3562	Ball and roller bearings	2.0	2.8	1.7	1.4	1.9	2.6	1.4	1.0	.1	1.1
3566	Power transmission equipment	2.4	2.3	2.0	1.9	2.6	3.0	1.3	1.5	.5	.8
357	Office and computing machines	2.7	3.0	2.1	1.8	2.8	3.3	1.2	1.4	.6	.7
3573	Electronic computing equipment	2.7	2.4	1.9	1.4	2.6	3.0	1.0	1.2	.6	.7
358	Service industry machines	4.3	3.8	3.6	3.1	3.7	4.5	1.8	1.8	.7	1.6
3585	Refrigeration machinery	4.9	4.3	4.1	3.5	3.8	5.1	1.9	1.9	.6	1.9
36	ELECTRICAL EQUIPMENT AND SUPPLIES	3.2	3.3	2.4	2.4	4.1	4.5	1.7	1.9	1.4	1.6
361	Electric test & distributing equipment	2.8	3.4	2.3	2.8	3.2	3.3	1.6	1.9	.9	.6
3611	Electric measuring instruments	2.7	3.2	2.4	2.5	3.3	3.1	1.7	1.8	1.0	.6
3612	Transformers	3.4	3.5	2.4	3.0	4.3	3.8	1.9	1.9	1.3	.9
3613	Switchgear and switchboard apparatus	2.5	3.4	2.1	3.0	2.5	3.2	1.4	2.0	.4	.5
362	Electrical industrial apparatus	2.7	3.3	1.9	2.7	3.4	3.7	1.7	1.9	.9	1.0
3621	Motors and generators	3.0	3.2	1.8	2.5	4.2	3.9	2.0	1.7	1.5	1.4
3622	Industrial controls	2.1	3.1	1.5	2.4	2.5	3.5	1.4	1.8	.4	.7
363	Household appliances	3.9	3.9	3.3	2.9	4.1	4.4	1.9	2.0	1.1	1.2
3632	Household refrigerators and freezers	4.2	4.2	3.7	2.9	3.4	2.7	1.8	1.4	.3	.3
3633	Household laundry equipment	2.1	2.8	.6	1.4	3.5	3.6	.8	1.0	1.8	1.9
3634	Electric housewares and fans	5.9	4.7	5.3	4.1	6.3	7.5	3.2	3.5	1.6	3.1
364	Electric lighting and wiring equipment	4.0	4.3	3.3	3.4	4.4	5.3	2.3	2.6	1.1	1.6
3641	Electric lamps	2.3	2.5	1.9	1.8	2.7	2.4	1.3	1.5	.4	.2
3642	Lighting fixtures	4.4	4.5	3.5	3.2	5.8	6.5	2.6	2.4	2.1	2.9
3643,4	Wiring devices	4.2	4.7	3.7	4.0	4.1	5.5	2.5	3.1	.6	1.3
365	Radio and TV receiving equipment	(1)	4.6	(1)	2.0	(1)	7.8	(1)	1.7	(1)	4.2
366	Communication equipment	2.4	2.2	2.0	1.7	3.7	3.5	1.3	1.3	1.8	1.4
3661	Telephone and telegraph apparatus	(1)	3.3	(1)	3.1	(1)	2.1	(1)	1.4	(1)	.2
3662	Radio and TV communication equipment	(1)	1.8	(1)	1.2	(1)	4.0	(1)	1.3	(1)	1.9
367	Electronic components and accessories	3.3	3.6	2.3	2.4	4.8	5.1	2.0	2.3	1.6	1.5
3671-3	Electron tubes	2.8	2.2	1.2	1.0	3.2	4.8	1.2	1.5	.9	1.7
3674,9	Other electronic components	3.3	3.9	2.5	2.7	5.1	5.1	2.1	2.4	1.7	1.4
369	Misc. electrical equipment & supplies	3.1	2.5	2.1	1.8	4.7	5.6	1.4	1.5	2.0	2.4
3694	Engine electrical equipment	2.6	1.7	1.8	.9	3.7	6.3	1.0	1.1	1.8	3.1

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	3.0	3.4	1.7	1.6	4.9	5.4	1.2	1.3	2.9	3.2
371	Motor vehicles and equipment	(1)	3.4	(1)	1.1	(1)	5.8	(1)	1.0	(1)	3.8
3711	Motor vehicles	(1)	3.1	(1)	.6	(1)	5.6	(1)	.9	(1)	3.8
3712	Passenger car bodies	(1)	7.9	(1)	2.9	(1)	10.0	(1)	.4	(1)	8.9
3713	Truck and bus bodies	(1)	5.0	(1)	3.1	(1)	5.2	(1)	1.7	(1)	1.8
3714	Motor vehicle parts and accessories	(1)	2.7	(1)	.9	(1)	5.2	(1)	.9	(1)	3.3
372	Aircraft and parts	1.5	1.4	.9	.9	3.7	4.0	.8	.9	2.5	2.5
3721	Aircraft	1.5	1.3	.9	.7	4.1	4.4	.7	.9	3.0	3.0
3722	Aircraft engines and engine parts	1.1	1.4	.7	1.0	2.7	2.5	.7	.7	1.6	1.2
3723,9	Other aircraft parts and equipment	2.0	2.3	1.5	1.8	3.4	4.6	1.0	1.3	2.0	2.6
373	Ship and boat building and repairing	8.0	7.3	5.0	4.7	9.2	7.9	3.0	2.7	5.0	3.7
3731	Ship building and repairing	8.1	7.6	4.7	4.5	7.9	7.4	2.2	2.0	4.5	3.9
374	Railroad equipment	(1)	5.9	(1)	2.5	(1)	5.3	(1)	1.4	(1)	2.4
375,9	Other transportation equipment	7.6	11.4	5.7	5.3	6.7	7.7	3.3	4.0	1.7	2.0
38	INSTRUMENTS AND RELATED PRODUCTS	2.8	2.8	2.3	2.2	3.6	3.6	1.7	1.8	1.2	.9
381	Engineering & scientific instruments	2.3	2.3	2.0	1.8	2.7	3.1	1.4	1.5	.8	.8
382	Mechanical measuring & control devices	2.4	3.1	1.9	2.2	3.7	3.9	1.6	1.7	1.3	1.2
3821	Mechanical measuring devices	2.3	3.1	2.1	2.6	3.5	3.2	1.6	1.8	1.4	.6
3822	Automatic temperature controls	2.6	3.1	1.5	1.6	4.1	5.1	1.5	1.7	1.0	2.1
383,5	Optical and ophthalmic goods	3.4	3.3	3.0	2.8	3.6	3.4	2.0	2.1	1.0	.6
384	Medical instruments and supplies	3.0	3.7	2.7	3.3	3.2	4.4	1.6	2.5	.9	.7
386	Photographic equipment and supplies	(1)	1.8	(1)	1.6	(1)	2.5	(1)	1.2	(1)	.4
387	Watches, clocks, and watchcases	4.5	3.8	2.5	2.1	7.7	6.7	2.1	2.1	4.5	3.3
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	5.0	5.8	3.7	3.7	4.8	8.1	2.5	2.9	1.3	4.1
391	Jewelry, silverware, and plated ware	2.8	3.8	2.4	3.2	3.9	5.1	2.2	2.8	1.1	1.4
394	Toys and sporting goods	8.8	9.4	5.4	4.3	6.6	16.7	3.5	3.5	1.8	11.8
3941-3	Games, toys, dolls, & play vehicles	10.9	12.7	5.5	3.8	6.9	27.0	3.4	4.2	2.3	21.8
3949	Sporting and athletic goods, n e c	6.5	5.9	5.3	4.8	6.2	5.8	3.5	2.9	1.4	1.3
395	Pens, pencils, office and art supplies	3.5	4.2	3.2	3.4	3.9	4.3	2.3	2.2	.7	1.0
396	Costume jewelry and notions	3.2	5.3	2.5	3.7	3.9	4.8	1.7	2.8	1.4	1.1
393,8,9	Other manufacturing industries	4.2	4.6	3.6	3.6	4.3	5.6	2.2	2.7	1.2	1.9
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	4.7	5.5	3.4	4.0	5.1	6.4	2.5	3.0	1.9	2.5
201	Meat products	5.1	6.6	3.3	3.9	6.2	7.6	2.7	2.9	2.6	3.6
2011	Meat packing plants	4.4	6.4	1.8	2.1	6.1	6.7	1.5	1.6	3.9	4.3
2015	Poultry dressing plants	8.1	9.0	7.4	8.1	7.8	11.5	6.0	6.3	.8	3.7
204	Grain mill products	3.8	5.0	2.9	4.0	3.9	4.2	1.9	2.5	1.2	.8
2041	Flour and other grain mill products	3.8	4.7	2.4	3.4	3.9	3.9	1.5	2.1	1.6	1.0
2042	Prepared feeds for animals and fowls	4.0	6.1	3.7	5.4	4.0	4.8	2.6	3.1	.4	.7
205	Bakery products	3.2	4.3	2.8	3.7	3.3	4.9	2.3	2.8	.5	1.2
2051	Bread, cake, and related products	3.0	4.0	2.8	3.5	3.4	4.8	2.4	2.9	.5	1.1
2052	Cookies and crackers	4.5	5.5	3.2	4.4	3.2	5.3	2.0	2.6	.5	1.7
207	Confectionery and related products	5.8	7.9	3.7	5.8	7.5	7.7	3.5	4.6	3.4	2.2
2071	Confectionery products	6.4	8.9	4.0	6.4	8.4	8.3	3.9	5.1	3.9	2.3
208	Beverages	5.4	4.1	3.3	3.1	4.4	5.3	2.3	2.6	1.6	2.0
2082	Malt liquors	(1)	2.5	(1)	1.1	(1)	4.4	(1)	.5	(1)	3.4
21	TOBACCO MANUFACTURES	2.4	3.0	2.2	1.9	5.1	5.4	1.7	1.7	2.8	3.0
211	Cigarettes	1.8	1.4	1.5	1.1	1.1	3.0	.6	.8	(2)	1.7
212	Cigars	3.8	6.8	3.4	3.8	4.8	6.1	3.5	3.8	.6	1.4

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			
		Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970		
	<i>Nondurable Goods--Continued</i>												
	TEXTILE MILL PRODUCTS												
22	Textile mill products	4.2	5.0	3.3	3.8	4.9	5.4	3.0	3.4	0.9	1.0		
221	Weaving mills, cotton	4.2	5.3	3.3	4.1	4.3	5.2	3.1	3.7	.3	.4		
222	Weaving mills, synthetics	3.6	4.2	2.8	3.4	5.0	5.1	2.9	3.3	1.2	.6		
223	Weaving and finishing mills, wool	4.0	5.3	3.3	3.9	4.0	5.3	2.5	2.8	.5	1.5		
224	Narrow fabric mills	3.4	4.2	2.9	3.3	4.7	5.1	2.7	2.7	1.0	1.3		
225	Knitting mills	4.4	4.6	3.1	3.3	4.8	5.4	2.8	3.1	1.1	1.6		
2251	Women's hosiery, except socks	3.0	3.3	2.5	2.7	4.2	4.1	2.7	3.3	.9	.3		
2252	Hosiery, n e c	4.1	4.4	3.3	3.5	3.8	3.9	2.6	3.0	.6	.4		
2254	Knit underwear mills	3.0	3.2	2.1	2.1	3.5	3.6	2.6	2.5	.5	.5		
226	Textile finishing, except wool	3.1	4.1	2.6	3.0	3.9	4.4	2.3	2.4	.7	1.0		
227	Floor covering mills	2.8	3.9	2.2	3.2	4.8	5.0	2.6	3.1	1.1	.8		
228	Yarn and thread mills	6.1	7.2	4.8	5.4	6.9	6.9	4.6	4.8	1.1	.8		
229	Miscellaneous textile goods	4.2	5.4	3.3	4.3	5.6	5.4	2.7	3.0	1.7	1.3		
	APPAREL AND OTHER TEXTILE PRODUCTS												
23	Apparel and other textile products	5.0	5.7	3.6	3.5	5.0	5.8	2.4	2.8	1.9	2.1		
231	Men's and boys' suits and coats	3.0	3.6	1.6	2.0	4.3	4.3	1.6	1.8	2.1	1.8		
232	Men's and boys' furnishings	5.3	5.4	4.1	4.1	4.4	5.4	3.0	3.5	.7	1.1		
2321	Men's and boys' shirts and nightwear	5.9	5.4	4.5	3.9	4.4	5.0	3.1	3.3	.5	.8		
2327	Men's and boys' separate trousers	4.0	5.1	3.3	4.0	3.5	5.2	2.7	3.6	.2	.9		
2328	Men's and boys' work clothing	4.6	5.6	3.8	4.6	4.3	5.2	3.1	3.9	.5	.6		
234	Women's and children's undergarments	4.2	4.6	3.1	3.3	5.0	5.9	2.7	3.0	1.5	1.9		
2341	Women's and children's underwear	4.4	4.5	3.6	3.5	4.5	6.0	3.0	3.3	.9	1.9		
2342	Corsets and allied garments	3.8	4.6	2.1	2.8	5.9	5.5	2.3	2.3	2.8	2.1		
	PAPER AND ALLIED PRODUCTS												
26	Paper and allied products	3.0	3.6	2.4	2.9	3.2	3.7	1.7	2.1	.7	.6		
261,2,6	Paper and pulp mills	1.7	1.8	1.3	1.3	1.8	2.1	.8	1.2	.4	.4		
263	Paperboard mills	2.0	3.1	1.8	2.7	1.9	2.5	1.0	1.5	.2	.2		
264	Misc. converted paper products	4.2	4.7	3.3	3.6	4.0	4.6	2.2	2.5	.8	.9		
2643	Bags, except textile bags	5.0	5.7	3.8	4.9	4.5	5.3	2.5	3.1	.8	.9		
265	Paperboard containers and boxes	3.6	4.5	3.0	3.9	4.4	4.9	2.5	2.9	.9	.7		
2651,2	Folding and setup paperboard boxes	4.1	5.1	3.4	4.5	5.2	5.3	3.1	3.1	1.1	.9		
2653	Corrugated and solid fiber boxes	3.0	4.0	2.6	3.5	3.7	4.5	2.2	2.9	.7	.5		
	PRINTING AND PUBLISHING												
	Printing and publishing	3.1	3.4	2.6	2.8	3.1	3.6	1.8	2.2	.6	.7		
	CHEMICALS AND ALLIED PRODUCTS												
28	Chemicals and allied products	2.3	2.4	1.9	1.9	2.3	2.5	1.1	1.3	.6	.5		
281	Industrial chemicals	1.6	1.5	1.4	1.2	1.4	1.7	.7	.8	.1	.2		
282	Plastics materials and synthetics	1.4	1.7	1.0	1.3	1.7	1.8	.8	1.0	.4	.3		
2821	Plastics materials and resins	1.6	2.1	1.2	1.9	1.6	1.9	.9	1.2	.1	.2		
2823,4	Synthetic fibers	1.1	1.4	.7	.8	1.9	1.8	.7	.8	.7	.4		
283	Drugs	2.8	2.7	2.6	2.2	2.3	2.5	1.2	1.5	.5	.3		
2834	Pharmaceutical preparations	2.9	2.8	2.7	2.4	2.5	2.8	1.3	1.6	.7	.4		
284	Soap, cleaners, and toilet goods	3.1	4.1	2.4	2.6	3.4	3.7	1.4	1.6	1.0	1.0		
2841	Soap and other detergents	1.4	1.7	1.0	1.1	2.2	2.3	.3	.6	1.3	.8		
2844	Toilet preparations	4.3	6.3	3.3	3.6	4.8	5.6	2.2	2.4	1.2	1.7		
285	Paints and allied products	2.4	2.5	2.1	2.1	2.2	2.7	1.3	1.3	.4	.6		
286,9	Other chemical products	1.8	2.0	1.3	1.5	3.9	4.0	1.3	1.6	2.0	1.8		
	PETROLEUM AND COAL PRODUCTS												
29	Petroleum and coal products	2.2	2.1	2.0	1.8	2.0	2.3	1.0	1.1	.4	.4		
291	Petroleum refining	1.7	1.4	1.6	1.2	1.5	1.5	.6	.6	.4	.2		
295,9	Other petroleum and coal products	4.1	5.1	3.7	4.1	4.3	5.4	2.7	3.1	.6	1.1		
	RUBBER AND PLASTICS PRODUCTS, N E C.												
30	Rubber and plastics products, n e c	4.1	4.8	3.2	3.7	5.1	5.2	2.5	2.7	1.5	1.4		
301	Tires and inner tubes	1.9	1.6	1.2	1.0	1.6	2.3	.7	.7	.2	.7		
302,3,6	Other rubber products	3.4	4.0	2.4	2.9	4.7	5.2	2.1	2.3	1.5	1.8		
307	Miscellaneous plastics products	5.4	6.6	4.6	5.4	6.8	6.5	3.5	3.8	2.1	1.4		

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	
		Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970	Feb. 1970	Jan. 1970
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	5.1	6.0	3.5	4.3	5.2	6.3	3.0	3.3	1.0	1.8
311	Leather tanning and finishing	3.6	4.0	2.8	2.9	4.7	5.9	1.9	2.5	1.9	2.5
314	Footwear, except rubber	4.8	5.9	3.2	4.4	5.1	6.0	3.0	3.4	1.0	1.4
	NONMANUFACTURING										
10	METAL MINING	3.7	4.1	2.7	3.2	2.9	3.5	1.8	2.0	.2	.4
101	Iron ores	3.7	3.5	1.5	1.7	1.5	2.8	.7	.9	.2	.7
102	Copper ores	3.4	3.8	2.6	2.9	2.9	2.8	1.7	1.8	.1	.1
11,12	COAL MINING	1.7	1.8	1.6	1.5	1.2	1.7	.5	.9	.1	.2
12	Bituminous coal and lignite mining	1.8	1.9	1.6	1.5	1.1	1.6	.5	.9	.1	.1
	COMMUNICATION:										
481	Telephone communication	(1)	2.6	-	-	(1)	2.1	(1)	1.6	(1)	.1
482	Telegraph communication ³	(1)	2.2	-	-	(1)	2.7	(1)	1.4	(1)	.4

¹ Not available.

² Less than 0.05.

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, 1959 to date
seasonally adjusted

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1959.....	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
1960.....	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.6	3.6
1961.....	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.1	3.8	4.3	4.3	4.1
1962.....	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963.....	3.8	3.9	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964.....	3.8	4.0	4.0	4.0	3.9	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965.....	4.0	4.1	4.3	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966.....	4.9	5.0	5.2	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	5.0	4.8	4.5	4.8	4.7	4.4	4.6
1970.....	4.0	4.2										
New hires												
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	3.8	3.7	3.5	3.8	3.6	3.4	3.5
1970.....	3.3	3.2										
Total separations												
1959.....	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	4.9	5.1	4.8	5.0	4.8	4.6
1970.....	4.9	5.0										
Quits												
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961.....	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962.....	1.3	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964.....	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965.....	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.9	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	2.7	2.7	2.9	2.5	2.7	2.6	2.5
1970.....	2.5	2.4										
Layoffs												
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	1.1	1.2	1.1	1.2	1.3	1.2	1.4
1970.....	1.5	1.6										

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

(Per 100 employees)

State and area	Accession rates				Separation rates						
	Total		New hires		Total		Quits		Layoffs		
	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	
ALABAMA:											
Birmingham	3.0	2.9	2.3	2.2	3.1	2.7	1.2	1.3	1.0	0.8	
Mobile	6.6	3.0	4.7	1.9	4.5	3.8	1.9	1.7	1.7	1.6	
ALASKA	11.4	12.2	8.1	6.3	11.6	12.9	4.0	2.8	7.0	8.7	
ARIZONA	4.3	3.5	3.3	2.8	5.0	4.5	2.5	2.2	1.2	1.3	
Phoenix	4.2	3.3	3.2	2.6	5.1	4.3	2.5	2.2	1.2	1.1	
ARKANSAS	5.9	3.9	4.6	3.3	6.1	5.6	3.5	2.8	1.5	2.1	
Fort Smith	7.0	4.1	6.8	3.6	6.1	5.7	4.2	3.6	1.0	1.3	
Little Rock-North Little Rock	8.3	3.7	5.1	3.0	5.2	6.5	3.6	2.7	.9	3.2	
Pine Bluff	4.2	3.3	3.5	2.9	4.5	3.5	2.6	1.6	.7	.9	
CALIFORNIA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Los Angeles-Long Beach	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
COLORADO	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Denver	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
CONNECTICUT	3.3	2.7	2.6	2.2	3.6	3.3	1.9	1.7	.8	.8	
Hartford	3.0	2.2	2.6	1.8	3.0	2.5	1.7	1.4	.4	.2	
DELAWARE ¹	2.3	1.8	1.3	1.0	3.7	2.3	1.3	1.0	1.4	.6	
Wilmington ¹	2.1	1.7	1.1	1.0	3.1	2.6	1.1	.9	1.4	.9	
DISTRICT OF COLUMBIA:											
Washington SMSA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
FLORIDA	6.5	5.2	5.4	4.3	6.8	5.5	4.2	3.2	1.6	1.4	
Fort Lauderdale-Hollywood	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Jacksonville	(*)	3.7	(*)	3.3	(*)	3.2	(*)	2.4	(*)	.4	
Miami	(*)	4.4	(*)	4.3	(*)	5.2	(*)	3.2	(*)	1.5	
Orlando	(*)	4.3	(*)	3.6	(*)	4.8	(*)	2.3	(*)	1.6	
Pensacola	(*)	.8	(*)	.7	(*)	1.3	(*)	1.0	(*)	(2)	
Tampa-St. Petersburg	(*)	4.0	(*)	3.1	(*)	5.6	(*)	2.8	(*)	2.1	
West Palm Beach	(*)	6.0	(*)	4.9	(*)	5.5	(*)	3.4	(*)	.3	
GEORGIA	4.5	3.1	3.5	2.5	4.9	4.2	3.0	2.6	.9	.8	
Atlanta ³	3.9	2.9	3.2	2.3	5.0	4.1	2.9	2.1	1.2	1.2	
HAWAII ⁴	3.8	2.5	2.3	1.8	2.9	2.7	1.7	1.6	.4	.4	
IDAHO ⁵	4.1	3.8	2.7	3.3	7.9	6.3	2.4	2.1	4.5	3.1	
ILLINOIS:											
Chicago	4.1	2.9	3.4	2.5	4.8	4.0	2.6	2.0	1.0	1.0	
INDIANA ¹	3.1	2.3	1.9	1.5	4.5	3.5	1.5	1.2	2.0	1.5	
Indianapolis ⁶	3.0	1.5	1.8	1.1	4.0	3.1	1.4	.9	1.5	1.4	
IOWA	3.3	2.6	2.1	1.9	4.2	3.7	1.7	1.5	1.7	1.7	
Cedar Rapids	2.0	1.5	1.4	1.2	4.1	3.9	1.6	1.4	1.9	2.0	
Des Moines	6.8	4.8	4.1	2.7	5.5	3.5	3.1	2.1	1.3	.8	
KANSAS	3.2	3.6	2.5	2.6	5.1	3.7	1.9	1.8	2.5	1.4	
Topeka	5.0	5.1	3.6	3.1	3.1	2.3	1.5	1.5	.9	.5	
Wichita	1.9	2.8	1.4	2.3	6.7	4.4	1.4	1.4	4.8	2.4	
KENTUCKY	3.4	3.3	2.5	2.5	5.2	3.3	1.9	1.8	2.0	.9	
Louisville	2.2	2.1	1.6	1.4	3.4	3.0	1.2	1.1	.5	1.2	
LOUISIANA:											
New Orleans	5.5	2.4	3.0	1.8	5.3	4.0	1.9	1.1	.8	1.9	
MAINE	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Portland	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
MARYLAND	3.2	2.2	2.2	1.6	3.7	3.1	1.6	1.3	1.2	1.2	
Baltimore	3.1	2.1	2.1	1.5	3.7	3.1	1.5	1.2	1.2	1.3	

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	
	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969
MASSACHUSETTS.....	4.2	3.1	3.3	2.3	4.8	4.0	2.5	1.9	1.2	1.4
Boston.....	4.4	2.8	3.7	2.3	5.6	4.0	2.7	1.8	1.6	1.4
MICHIGAN.....	(*)	2.5	(*)	1.1	(*)	4.6	(*)	.9	(*)	2.6
Detroit.....	(*)	2.5	(*)	1.2	(*)	5.4	(*)	1.1	(*)	2.8
MINNESOTA.....	4.5	3.9	3.6	3.1	4.4	5.4	2.5	2.2	.9	1.9
Duluth-Superior.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Minneapolis-St. Paul.....	4.4	3.9	3.7	3.1	4.5	5.5	2.5	2.2	.9	1.7
MISSISSIPPI:										
Jackson.....	4.6	2.5	4.1	2.3	9.6	5.2	2.6	2.0	5.9	2.7
MISSOURI.....	3.6	2.8	2.6	2.0	4.4	4.6	2.0	1.6	1.5	2.3
Kansas City.....	3.1	2.9	2.5	2.0	4.7	3.7	2.0	1.8	2.0	1.3
St. Louis.....	2.9	2.3	2.1	1.6	3.6	4.3	1.6	1.2	1.1	2.4
MONTANA.....	2.4	1.6	2.0	1.3	3.2	3.1	1.6	1.4	1.1	.8
NEBRASKA.....	5.3	4.2	4.6	3.7	5.3	4.4	3.3	3.0	1.0	.6
NEVADA.....	5.4	4.6	4.5	3.4	6.0	6.3	3.7	3.2	1.3	2.2
NEW HAMPSHIRE.....	5.3	4.2	4.5	3.5	4.9	4.2	3.3	2.8	.8	.7
NEW JERSEY:										
Camden ⁷	4.1	2.5	3.0	1.9	3.7	3.0	1.7	1.3	.7	.7
Jersey City.....	4.5	2.2	2.6	1.4	4.5	3.8	1.5	1.0	1.7	2.0
Newark.....	5.0	2.7	2.9	2.1	5.4	6.1	1.9	1.8	2.4	3.5
Paterson-Clifton-Passaic.....	4.7	3.2	3.4	2.5	4.7	4.3	2.3	1.9	1.3	1.5
Perth Amboy.....	3.4	2.4	2.6	1.7	3.6	3.1	1.8	1.4	.7	.9
Trenton.....	3.6	3.0	2.9	2.3	4.1	3.1	2.1	1.6	1.0	.6
NEW YORK.....	4.2	2.8	2.6	1.8	4.9	4.8	1.8	1.4	2.1	2.7
Albany-Schenectady-Troy.....	2.1	2.0	1.5	1.3	3.9	2.7	1.5	1.1	1.1	1.0
Binghamton.....	2.1	1.6	1.6	1.1	2.3	2.0	1.3	1.1	.2	.2
Buffalo.....	3.0	2.4	1.5	1.5	4.1	4.0	1.2	1.0	2.0	2.0
Elmira.....	2.7	2.3	1.4	1.4	3.1	2.3	1.4	1.1	.9	.7
Monroe County ⁸	2.2	1.7	1.8	1.4	2.8	2.1	1.6	1.0	.5	.6
Nassau and Suffolk Counties ⁹	4.8	2.6	3.2	2.3	6.7	5.0	2.5	1.9	2.5	2.3
New York SMSA.....	5.5	3.6	3.3	2.2	6.2	6.3	2.2	1.7	3.0	3.8
New York City ⁹	5.9	3.9	3.3	2.2	6.3	6.8	2.1	1.7	3.2	4.3
Rochester.....	2.4	2.0	2.0	1.6	3.2	2.8	1.6	1.2	.8	1.1
Syracuse.....	2.2	1.6	1.7	1.2	3.6	3.2	1.3	1.0	1.5	1.3
Utica-Rome.....	2.1	1.7	1.5	1.3	2.7	2.5	1.2	.9	1.0	1.2
Westchester County ⁹	3.8	2.8	2.5	1.9	4.7	4.5	1.8	1.5	1.8	2.3
NORTH CAROLINA.....	4.5	2.8	3.8	2.3	4.8	3.5	3.2	2.2	.7	.7
Charlotte.....	4.5	2.9	4.0	2.7	5.9	5.2	3.8	2.6	1.4	1.8
Greensboro-Winston-Salem-High Point.....	4.0	2.7	3.6	2.2	4.1	3.4	2.9	2.2	.3	.6
NORTH DAKOTA.....	3.5	2.4	2.9	2.1	3.0	6.2	1.1	1.6	1.1	3.7
Fargo-Moorhead.....	3.8	3.1	2.9	2.5	5.8	4.9	1.8	2.4	2.8	1.2
OHIO.....	3.6	2.5	2.2	1.7	3.7	3.2	1.5	1.2	1.2	1.2
Akron.....	2.4	2.0	1.9	1.2	2.8	2.0	1.3	.9	.7	.7
Canton.....	4.1	3.0	2.0	1.6	4.3	4.4	1.5	1.3	1.3	1.9
Cincinnati.....	6.1	2.5	2.4	1.7	3.3	3.3	1.4	1.2	.9	1.3
Cleveland.....	3.4	2.5	2.7	1.9	4.1	3.1	1.9	1.4	1.1	.7
Columbus.....	3.4	2.6	2.6	2.0	3.5	3.1	1.8	1.6	.9	.9
Dayton.....	2.7	2.0	2.0	1.3	3.2	2.3	1.5	.9	.6	.7
Toledo.....	3.3	2.6	2.2	1.8	5.0	4.3	1.4	1.2	2.0	1.7
Youngstown-Warren.....	2.4	2.1	1.7	.9	3.1	3.2	1.2	.8	.7	1.6
OKLAHOMA:										
Oklahoma City.....	5.6	5.4	4.3	4.0	5.9	5.2	3.8	3.0	1.1	1.3
Tulsa ¹⁰	5.7	4.2	5.2	3.9	7.8	4.5	3.8	2.8	2.3	.6
OREGON ¹	4.2	3.4	2.9	2.8	6.7	5.3	2.0	1.8	3.9	2.7
Portland ¹	4.6	3.8	3.4	3.2	6.1	4.5	2.3	1.9	2.9	1.9

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	
	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969	Jan. 1970	Dec. 1969
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.2	2.3	2.2	1.6	3.0	3.2	1.5	1.2	0.6	1.4
Altoona	4.2	3.2	3.2	2.3	4.5	4.5	2.6	2.1	1.4	2.0
Erie	4.9	2.8	3.2	2.2	5.4	5.0	2.1	1.4	2.3	2.9
Harrisburg	3.4	2.6	2.8	1.6	3.0	1.9	1.8	1.2	.3	.4
Johnstown	3.8	1.3	1.3	.6	3.7	3.6	1.0	1.0	1.8	2.4
Lancaster	4.9	2.8	3.6	2.4	4.5	4.1	2.7	2.0	1.1	1.5
Philadelphia	3.5	2.4	2.7	1.8	4.1	3.1	1.9	1.3	1.3	1.0
Pittsburgh	2.3	1.5	1.1	.6	3.1	2.6	.7	.5	1.5	1.5
Reading	4.3	3.2	3.5	2.7	4.1	3.4	2.7	2.0	.9	.9
Scranton	4.0	2.8	2.5	1.6	4.1	4.1	1.7	1.2	1.8	2.3
Wilkes-Barre-Hazleton	3.9	2.6	2.5	1.3	4.0	3.8	1.9	1.2	1.5	2.1
York	4.8	3.3	3.8	2.9	6.8	5.3	3.0	2.6	3.0	2.2
RHODE ISLAND:										
Providence-Pawtucket-Warwick	6.0	3.8	4.2	2.8	5.8	5.0	3.0	2.3	1.7	1.9
	5.4	3.7	3.9	2.8	5.4	5.0	2.9	2.4	1.5	1.8
SOUTH CAROLINA:										
Greenville	5.0	3.4	4.1	2.9	5.1	3.7	3.6	2.6	.4	.2
SOUTH DAKOTA:										
Sioux Falls	6.3	4.9	1.7	2.0	6.5	6.8	1.6	1.3	4.1	5.0
	8.9	6.1	1.5	1.0	7.4	9.2	1.3	1.0	5.1	7.8
TENNESSEE:										
Memphis	5.2	3.3	3.6	2.3	5.1	5.5	2.6	1.8	1.4	2.6
TEXAS:										
Dallas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Fort Worth	3.9	3.0	3.6	2.7	5.1	4.0	3.3	2.7	1.0	.4
Houston	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
San Antonio	4.1	3.1	3.6	2.8	3.8	3.1	2.6	1.9	.2	.2
	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH ⁵ :										
Salt Lake City ⁵	(*)	2.7	(*)	1.8	(*)	5.2	(*)	1.3	(*)	3.2
	(*)	2.2	(*)	2.0	(*)	3.2	(*)	1.3	(*)	1.0
VERMONT:										
Burlington	3.0	2.6	2.1	2.0	3.3	2.6	2.0	1.5	.7	.5
Springfield	2.5	2.4	1.6	2.0	2.9	1.7	1.9	1.2	.5	.2
	2.3	2.0	1.9	1.9	2.5	1.6	1.5	.9	.4	(2)
VIRGINIA:										
Richmond	3.5	2.8	2.7	2.1	4.6	3.7	2.4	2.0	1.6	1.2
	3.0	2.9	2.7	2.2	3.5	3.3	1.9	1.9	.9	.9
WASHINGTON:										
Seattle-Everett ¹¹	2.3	2.2	1.6	1.4	5.9	3.2	1.5	1.2	3.7	1.5
WEST VIRGINIA:										
Charleston	.8	.8	.6	.5	2.2	1.6	.3	.2	1.4	.3
WISCONSIN:										
Milwaukee	3.5	2.7	2.6	2.0	4.8	3.5	2.0	1.5	1.9	1.2
	3.8	3.0	2.9	2.3	4.7	3.4	2.3	1.6	1.3	.8
WYOMING:										
	2.7	4.2	2.2	3.5	6.5	7.9	3.6	2.9	2.2	3.6

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 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Subarea of New York Standard Metropolitan Statistical Area.

¹⁰ Excludes new-hire rate for transportation equipment.

¹¹ 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)		
	Mar. 1970	Feb. 1970	Mar. 1969	Change to Mar. 1970 from ¹		Mar. 1970	Feb. 1970	Mar. 1969
				Feb. 1970	Mar. 1969			
TOTAL ²	1,808.1	**1,924.4	1,342.4	-116.3	+465.7	3.5	3.7	2.7
SEASONALLY ADJUSTED	1,421.1	**1,406.9	1,057.2	+14.2	+363.9	2.7	2.7	2.1
Alabama	19.9	20.3	16.9	-.5	+2.9	2.9	3.0	2.6
Alaska	6.0	6.5	5.1	-.4	+.9	12.1	13.0	11.3
Arizona	7.7	7.4	6.9	+.3	+.9	2.2	2.1	2.2
Arkansas	18.6	19.3	13.3	-.7	+5.3	4.7	4.9	3.5
California*	268.9	276.5	227.0	-7.6	+41.9	5.2	5.4	4.6
Colorado	7.6	8.7	6.0	-1.1	+1.6	1.6	1.8	1.3
Connecticut	37.0	**37.8	27.1	**-.8	+9.9	3.8	3.8	2.9
Delaware	3.8	4.4	3.1	-.6	+.7	2.3	2.6	1.9
District of Columbia	5.9	6.6	4.2	-.7	+1.6	1.7	1.9	1.2
Florida	24.3	23.3	16.1	+1.0	+8.1	1.7	1.7	1.2
Georgia	17.4	19.2	10.6	-1.8	+6.8	1.6	1.8	1.0
Hawaii	5.2	5.5	4.0	-.3	+1.3	2.3	2.4	1.9
Idaho	7.7	8.5	6.2	-.8	+1.5	5.2	5.8	4.4
Illinois	79.9	83.1	55.5	-3.2	+24.4	2.5	2.6	1.8
Indiana	36.6	40.7	17.2	-4.2	+19.4	2.6	2.9	1.3
Iowa	15.9	15.9	11.6	-	+4.2	2.8	2.8	2.1
Kansas	14.6	16.6	9.2	-2.1	+5.4	3.3	3.8	2.2
Kentucky	24.8	28.1	18.2	-3.3	+6.6	4.1	4.6	3.1
Louisiana	31.8	33.7	26.5	-1.8	+5.3	4.4	4.6	3.7
Maine	11.0	11.4	9.9	-.3	+1.1	4.9	5.1	4.5
Maryland	25.6	**27.5	18.4	**-.9	+7.2	2.8	**3.0	2.1
Massachusetts	74.6	74.9	61.5	-.3	+13.1	4.3	4.3	3.6
Michigan	126.1	139.2	59.4	-13.1	+66.7	5.2	5.8	2.6
Minnesota	31.3	31.4	22.0	-.2	+9.3	3.3	3.3	2.4
Mississippi	12.8	12.6	9.2	+.1	+3.5	3.4	3.4	2.6
Missouri	40.3	42.3	29.8	-2.1	+10.5	3.4	3.6	2.6
Montana	8.5	8.1	6.4	+.4	+2.1	6.9	6.5	5.4
Nebraska	6.6	7.3	5.9	-.7	+.7	2.3	2.5	2.1
Nevada	6.8	6.4	6.3	+.4	+.6	4.7	4.4	4.7
New Hampshire	4.1	4.0	2.3	+.2	+1.8	2.1	2.0	1.2
New Jersey	88.8	95.9	74.7	-7.1	+14.1	4.6	4.9	4.0
New Mexico	7.9	7.6	5.5	+.3	+2.4	4.4	4.2	3.2
New York	195.6	219.8	157.5	-24.2	+38.2	3.5	3.9	2.8
North Carolina	32.4	34.2	24.2	-1.8	+8.2	2.5	2.6	2.0
North Dakota	4.5	4.6	4.7	-.1	-.2	5.5	5.6	5.8
Ohio	69.7	73.5	39.9	-3.8	+29.8	2.4	2.5	1.4
Oklahoma	15.4	15.2	11.0	+.2	+4.4	3.2	3.2	2.4
Oregon	33.4	**34.3	19.5	**-.9	+13.9	6.3	**6.4	3.8
Pennsylvania	99.6	108.0	77.8	-8.4	+21.8	3.0	3.2	2.4
Puerto Rico* ²	30.9	31.3	30.2	-.4	+.7	8.3	8.3	8.7
Rhode Island	13.1	13.5	11.3	-.4	+1.8	4.7	4.9	4.1
South Carolina	14.1	15.8	10.4	-1.7	+3.6	2.3	2.6	1.8
South Dakota	2.7	2.9	2.5	-.2	+.2	2.9	3.1	2.8
Tennessee	35.3	38.7	26.8	-3.4	+8.6	3.7	4.1	3.0
Texas	37.1	37.6	23.8	-.5	+13.3	1.5	1.5	1.0
Utah	9.4	10.3	9.1	-1.0	+.3	4.3	4.7	4.4
Vermont	4.3	4.2	3.5	+.1	+.7	4.2	4.2	3.6
Virginia	13.9	15.4	10.3	-1.5	+3.6	1.4	1.6	1.1
Washington	63.4	69.6	35.9	-6.3	+27.5	7.7	8.4	4.5
West Virginia	14.9	17.9	17.0	-2.9	-2.0	4.2	5.1	4.8
Wisconsin	38.8	45.0	29.0	-6.2	+9.8	3.4	4.0	2.6
Wyoming	1.8	2.0	1.9	-.2	-.1	2.6	2.9	2.9

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.

**Revised.

UNEMPLOYMENT INSURANCE DATA

E-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	Mar. 1970	Feb. 1970	State and area	Mar. 1970	Feb. 1970	State and area	Mar. 1970	Feb. 1970	State and area	Mar. 1970	Feb. 1970
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--		
Birmingham.....	3.5	4.1	Evansville.....	2.0	2.1	Manchester.....	.9	7	continued		
Mobile.....	2.2	2.0	Ft. Wayne.....	1.7	1.2				York.....	1.5	2.
			Gary-Hammond..	2.8	3.0						
ARIZONA			Indianapolis....	6.0	8.8	NEW JERSEY			PUERTO RICO*		
Phoenix.....	4.5	4.1	South Bend.....	2.4	2.7	Atlantic City....	4.5	4.9	Mayaguez.....	1.8	1.8
			Terre Haute.....	1.4	1.4	Jersey City.....	11.6	11.4	Ponce.....	2.5	2.4
						New Brunswick..	22.6	25.4	San Juan.....	5.8	5.5
ARKANSAS			IOWA			Paterson.....	17.5	18.3			
Little Rock.....	1.2	1.6	Cedar Rapids....	1.0	.8	Trenton.....	2.9	2.8			
			Des Moines.....	1.3	1.3				RHODE ISLAND		
CALIFORNIA						NEW MEXICO			Providence.....	13.7	14.2
Anaheim-S. Ana-			KANSAS			Albuquerque....	2.6	2.6			
Garden Grove..	15.2	14.1	Wichita.....	6.6	5.9				SOUTH CAROLINA		
Fresno.....	8.0	8.7				NEW YORK			Charleston.....	1.2	1.2
Los Angeles.....	101.0	96.1	KENTUCKY			Albany.....	6.9	8.6	Greenville.....	1.4	1.6
Sacramento.....	12.6	13.0	Louisville.....	5.2	6.9	Binghamton....	2.7	2.7			
San Bernardino..	10.8	11.2				Buffalo.....	15.3	16.1			
San Diego.....	14.2	13.0	LOUISIANA			New York.....	121.2	134.9			
San Francisco..	40.5	44.2	Baton Rouge....	2.0	2.2	Rochester.....	7.8	8.0			
San Jose.....	13.9	16.7	New Orleans....	7.7	8.0	Syracuse.....	6.5	8.4	TENNESSEE		
Stockton.....	7.5	8.1	Shreveport.....	2.0	2.0	Utica.....	5.8	7.1	Chattanooga....	2.3	2.0
									Knoxville.....	3.8	4.2
COLORADO			MAINE			NORTH CAROLINA			Memphis.....	4.6	5.6
Denver.....	3.9	4.3	Portland.....	1.0	1.2	Asheville.....	1.2	1.3	Nashville.....	4.1	3.6
						Charlotte.....	1.5	1.8			
CONNECTICUT			MARYLAND			Durham.....	.7	1.1	TEXAS		
Bridgeport.....	5.6	**6.2	Baltimore.....	16.8	17.1	Greensboro....			Austin.....	.5	.5
Hartford.....	6.4	6.7				Winston-Salem..	3.2	3.5	Beaumont.....	1.9	1.8
New Britain.....	1.6	1.7	MASSACHUSETTS						Corpus Christi..	1.1	1.1
New Haven.....	4.6	4.5	Boston.....	30.2	30.5	OHIO			Dallas.....	4.3	5.1
Stamford.....	1.6	1.9	Brockton.....	2.5	2.5	Akron.....	4.4	4.1	El Paso.....	2.0	2.1
Waterbury.....	4.6	**4.3	Fall River.....	3.9	4.0	Canton.....	3.3	3.2	Ft. Worth.....	2.2	2.6
			Lawrence.....	4.3	3.7	Cincinnati.....	8.2	9.0	Houston.....	3.2	2.7
			Lowell.....	3.0	3.0	Cleveland.....	11.0	10.9	San Antonio....	2.3	2.2
DELAWARE			New Bedford....	4.6	4.1	Columbus.....	4.9	5.3			
Wilmington.....	3.6	4.4	Springfield....	7.2	6.7	Dayton.....	4.3	4.6	UTAH		
			Worcester.....	3.9	4.1	Hamilton.....	1.7	2.1	Salt Lake City..	4.4	4
						Lorain.....	1.7	1.7			
DIST. OF COL.			MICHIGAN			Lorain.....	.9	1.2	VIRGINIA		
Washington.....	9.5	10.5	Battle Creek....	2.4	2.6	Steubenville...	5.2	5.8	Hampton.....	1.3	1.2
			Detroit.....	57.3	66.3	Toledo.....	4.1	4.4	Norfolk.....	2.0	2.1
			Flint.....	5.6	9.2	Youngstown....			Richmond.....	.5	.4
FLORIDA			Grand Rapids...	9.3	9.1				Roanoke.....	.4	.4
Jacksonville....	1.0	.7	Kalamazoo.....	1.8	1.7	OKLAHOMA					
Miami.....	7.2	6.3	Lansing.....	3.5	5.2	Oklahoma City..	2.1	2.0	WASHINGTON		
Tampa.....	3.3	3.4	Muskegon.....	2.3	2.0	Tulsa.....	3.3	3.1	Seattle.....	31.1	31.7
			Saginaw.....	1.8	2.0				Spokane.....	4.2	4.7
						OREGON			Tacoma.....	6.3	6.9
GEORGIA			MINNESOTA			Portland.....	12.9	13.4			
Atlanta.....	4.6	6.0	Duluth.....	2.2	2.2				WEST VIRGINIA		
Augusta.....	1.3	1.3	Minneapolis....	10.0	8.9	PENNSYLVANIA			Charleston.....	1.8	2.2
Columbus.....	1.2	1.2				Allentown.....	3.0	3.3	Huntington.....	2.9	2.8
Macon.....	1.1	1.0	MISSISSIPPI			Altoona.....	1.3	1.5	Wheeling.....	1.6	2.2
Savannah.....	.9	.7	Jackson.....	1.4	1.3	Erie.....	2.2	2.7			
						Harrisburg.....	2.0	2.3	WISCONSIN		
HAWAII			MISSOURI			Johnstown.....	3.3	4.0	Kenosha.....	1.0	.8
Honolulu.....	3.6	3.7	Kansas City....	7.0	9.7	Lancaster.....	1.4	1.9	Madison.....	1.6	1.6
			St. Louis.....	25.8	25.3	Philadelphia...	39.1	40.4	Milwaukee.....	9.6	10.3
						Pittsburgh.....	19.5	21.3	Racine.....	1.7	1.6
ILLINOIS			NEBRASKA			Reading.....	1.7	1.9			
Chicago.....	39.7	39.4	Omaha.....	2.7	2.7	Scranton.....	4.9	4.5			
Davenport.....	3.0	4.1				Wilkes-Barre...	5.7	6.4			
Peoria.....	2.2	2.8									
Rockford.....	2.3	2.0									

¹Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs.

²For full name of labor area, see Area Trends in Employment and Unemployment published by the Manpower Administration.

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

**Revised.

QUARTERLY AVERAGES

SEASONALLY ADJUSTED DATA

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HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

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

(In thousands)

Employment status, sex, and age	1970	1969				1968				1967				
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	
Total														
Total labor force	85,759	84,982	84,566	83,876	83,596	82,638	82,411	82,265	81,757	81,650	81,080	80,330	80,158	
Civilian labor force	82,410	81,495	81,035	80,355	80,111	79,098	78,822	78,729	78,283	78,183	77,625	76,880	76,745	
Employed	78,992	78,570	78,090	77,550	77,418	76,409	76,017	75,898	75,392	75,121	74,630	73,911	73,862	
Agriculture	3,492	3,439	3,558	3,707	3,754	3,696	3,753	3,874	3,984	3,944	3,855	3,743	3,856	
Nonagricultural industries	75,500	75,131	74,532	73,843	73,664	72,713	72,264	72,024	71,408	71,177	70,775	70,168	70,006	
On part time for economic reasons	1,891	1,878	1,892	1,757	1,693	1,699	1,747	1,723	1,688	1,893	1,897	1,857	1,997	
Usually work full time	1,058	1,023	991	920	885	890	948	907	835	1,028	1,020	1,062	1,129	
Usually work part time	833	855	901	837	807	809	799	816	854	864	877	795	868	
Unemployed	3,419	2,925	2,945	2,805	2,693	2,689	2,805	2,831	2,891	3,062	2,995	2,969	2,883	
Men, 20 years and over														
Total labor force	49,767	49,574	49,511	49,306	49,250	49,003	48,991	48,791	48,540	48,438	48,278	48,097	47,950	
Civilian labor force	46,907	46,570	46,455	46,211	46,185	45,928	45,890	45,830	45,748	45,667	45,475	45,205	45,092	
Employed	45,639	45,533	45,428	45,279	45,297	45,006	44,900	44,831	44,702	44,603	44,422	44,106	44,058	
Agriculture	2,496	2,519	2,636	2,689	2,702	2,727	2,784	2,848	2,910	2,868	2,816	2,777	2,828	
Nonagricultural industries	43,143	43,014	42,792	42,590	42,595	42,279	42,116	41,983	41,792	41,735	41,606	41,329	41,230	
Unemployed	1,268	1,037	1,027	932	888	922	990	999	1,046	1,064	1,053	1,099	1,034	
Women, 20 years and over														
Civilian labor force	28,145	27,771	27,608	27,207	27,091	26,595	26,312	26,212	25,976	26,099	25,656	25,118	25,040	
Employed	27,000	26,753	26,561	26,185	26,119	25,641	25,327	25,235	24,954	24,980	24,564	24,073	23,988	
Agriculture	600	565	555	613	668	619	575	610	650	671	623	581	622	
Nonagricultural industries	26,401	26,188	26,006	25,572	25,451	25,022	24,752	24,625	24,304	24,309	23,941	23,492	23,366	
Unemployed	1,144	1,018	1,047	1,022	972	954	985	977	1,022	1,119	1,092	1,045	1,052	
Both sexes, 16-19 years														
Civilian labor force	7,358	7,154	6,972	6,937	6,835	6,575	6,620	6,687	6,559	6,417	6,494	6,557	6,613	
Employed	6,352	6,284	6,101	6,086	6,002	5,762	5,790	5,832	5,736	5,538	5,644	5,732	5,816	
Agriculture	396	355	367	405	384	350	394	416	424	405	416	385	406	
Nonagricultural industries	5,957	5,929	5,734	5,681	5,618	5,412	5,396	5,416	5,312	5,133	5,228	5,347	5,410	
Unemployed	1,006	870	871	851	833	813	830	855	823	879	850	825	797	

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-36 will not necessarily add to totals.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1970	1969				1968				1967			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Full time													
Total 16 years and over:													
Civilian labor force	70,529	70,214	70,032	69,401	69,120	68,508	68,342	68,354	68,059	68,064	67,659	67,172	67,000
Employed ¹	67,908	68,022	67,827	67,243	67,059	66,517	66,225	66,224	65,801	65,703	65,385	64,844	64,765
Unemployed	2,621	2,192	2,205	2,158	2,061	1,991	2,117	2,130	2,258	2,361	2,274	2,328	2,235
Unemployment rate	3.7	3.1	3.1	3.1	3.0	2.9	3.1	3.1	3.3	3.5	3.4	3.5	3.3
Men, 20 years and over:													
Civilian labor force	44,618	44,451	44,321	44,145	44,083	43,922	43,916	43,907	43,787	43,754	43,573	43,442	43,266
Employed ¹	43,456	43,520	43,429	43,296	43,282	43,101	43,033	43,009	42,827	42,789	42,629	42,432	42,302
Unemployed	1,162	931	891	849	801	821	883	898	960	965	944	1,010	964
Unemployment rate	2.6	2.1	2.0	1.9	1.8	1.9	2.0	2.0	2.2	2.2	2.2	2.3	2.2
Women, 20 years and over:													
Civilian labor force	22,031	21,842	21,867	21,576	21,390	20,991	20,773	20,742	20,594	20,627	20,459	20,087	19,990
Employed ¹	21,134	21,081	21,036	20,748	20,609	20,254	20,016	19,990	19,782	19,766	19,617	19,240	19,177
Unemployed	897	761	831	828	781	737	757	752	812	861	842	847	813
Unemployment rate	4.1	3.5	3.8	3.8	3.7	3.5	3.6	3.6	3.9	4.2	4.1	4.2	4.1
Both sexes, 16-19 years:													
Civilian labor force	3,880	3,921	3,844	3,679	3,648	3,595	3,653	3,705	3,678	3,683	3,627	3,643	3,744
Employed ¹	3,318	3,421	3,361	3,198	3,168	3,162	3,176	3,225	3,192	3,148	3,139	3,172	3,286
Unemployed	562	500	483	481	480	433	477	480	486	535	488	471	458
Unemployment rate	14.5	12.8	12.6	13.1	13.2	12.0	13.1	13.0	13.2	14.5	13.5	12.9	12.2
Part time													
Total 16 years and over:													
Civilian labor force	11,798	11,312	10,996	10,899	10,887	10,600	10,503	10,392	10,137	10,166	9,951	9,734	9,664
Employed ¹	10,961	10,599	10,262	10,254	10,220	9,938	9,834	9,680	9,457	9,475	9,268	9,088	8,960
Unemployed	837	713	734	645	667	662	669	712	680	691	683	646	704
Unemployment rate	7.1	6.3	6.7	5.9	6.1	6.2	6.4	6.9	6.7	6.8	6.9	6.6	7.3
Men, 20 years and over:													
Civilian labor force	2,274	2,118	2,135	2,087	2,076	2,006	1,960	1,958	1,915	1,919	1,884	1,804	1,759
Employed ¹	2,159	2,015	2,011	2,000	1,984	1,914	1,867	1,850	1,819	1,825	1,793	1,713	1,678
Unemployed	114	103	124	88	92	92	93	108	96	94	91	91	81
Unemployment rate	5.0	4.9	5.8	4.2	4.4	4.6	4.7	5.5	5.0	4.9	4.8	5.0	4.6
Women, 20 years and over:													
Civilian labor force	6,121	5,855	5,746	5,661	5,685	5,534	5,559	5,506	5,363	5,377	5,199	5,098	5,039
Employed ¹	5,854	5,619	5,533	5,463	5,478	5,331	5,340	5,271	5,133	5,137	4,968	4,889	4,774
Unemployed	268	236	213	198	207	203	219	235	230	240	231	209	265
Unemployment rate	4.4	4.0	3.7	3.5	3.6	3.7	3.9	4.3	4.3	4.5	4.4	4.1	5.3
Both sexes, 16-19 years:													
Civilian labor force	3,403	3,338	3,114	3,151	3,126	3,060	2,984	2,928	2,859	2,870	2,868	2,832	2,866
Employed ¹	2,948	2,964	2,717	2,792	2,758	2,693	2,627	2,559	2,505	2,513	2,507	2,486	2,508
Unemployed	455	374	397	359	367	367	357	369	354	357	361	346	358
Unemployment rate	13.4	11.2	12.7	11.4	11.7	12.0	12.0	12.6	12.4	12.4	12.6	12.2	12.5

¹Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

3: Employment status by color, sex, and age, seasonally adjusted
(In thousands)

Characteristics	1970	1969				1968				1967			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
White													
Total:													
Civilian labor force.....	73,316	72,475	71,942	71,466	71,285	70,392	70,045	69,851	69,587	69,440	68,944	68,210	68,226
Employed.....	70,527	70,096	69,575	69,260	69,135	68,267	67,804	67,617	67,311	67,032	66,576	65,888	65,970
Unemployed.....	2,789	2,379	2,367	2,206	2,150	2,125	2,241	2,234	2,276	2,408	2,368	2,322	2,256
Unemployment rate.....	3.8	3.3	3.3	3.1	3.0	3.0	3.2	3.2	3.3	3.5	3.4	3.4	3.3
Males, 20 years and over:													
Civilian labor force.....	42,245	41,956	41,842	41,639	41,656	41,423	41,373	41,235	41,230	41,175	40,972	40,673	40,607
Employed.....	41,180	41,091	40,995	40,871	40,926	40,677	40,553	40,405	40,376	40,300	40,101	39,772	39,775
Unemployed.....	1,065	865	847	768	730	746	820	830	854	875	871	901	832
Unemployment rate.....	2.5	2.1	2.0	1.8	1.8	1.8	2.0	2.0	2.1	2.1	2.1	2.2	2.0
Females, 20 years and over:													
Civilian labor force.....	24,513	24,156	23,949	23,684	23,566	23,122	22,843	22,741	22,565	22,632	22,276	21,775	21,709
Employed.....	23,587	23,327	23,120	22,891	22,794	22,372	22,066	21,987	21,777	21,766	21,416	20,963	20,902
Unemployed.....	926	829	829	793	772	750	777	754	788	866	860	812	807
Unemployment rate.....	3.8	3.4	3.5	3.3	3.3	3.2	3.4	3.3	3.5	3.8	3.9	3.7	3.7
Both sexes, 16 to 19 years:													
Civilian labor force.....	6,558	6,363	6,151	6,143	6,063	5,847	5,829	5,875	5,792	5,633	5,696	5,762	5,910
Employed.....	5,760	5,678	5,460	5,498	5,415	5,218	5,185	5,225	5,158	4,966	5,059	5,153	5,293
Unemployed.....	798	685	691	645	648	629	644	650	634	667	637	609	617
Unemployment rate.....	12.2	10.8	11.2	10.5	10.7	10.8	11.0	11.1	10.9	11.8	11.2	10.6	10.4
Negro and other races													
Total:													
Civilian labor force.....	9,224	9,056	8,979	8,867	8,914	8,737	8,700	8,828	8,762	8,733	8,632	8,632	8,599
Employed.....	8,598	8,500	8,394	8,271	8,371	8,164	8,132	8,233	8,147	8,073	8,006	7,986	7,974
Unemployed.....	626	556	585	596	543	573	568	595	615	660	626	646	625
Unemployment rate.....	6.8	6.1	6.5	6.7	6.1	6.6	6.5	6.7	7.0	7.6	7.3	7.5	7.3
Males, 20 years and over:													
Civilian labor force.....	4,700	4,622	4,593	4,549	4,554	4,513	4,517	4,562	4,543	4,496	4,507	4,505	4,500
Employed.....	4,498	4,445	4,416	4,382	4,397	4,335	4,349	4,388	4,351	4,305	4,328	4,303	4,299
Unemployed.....	201	177	177	167	157	178	168	174	192	191	179	202	201
Unemployment rate.....	4.3	3.8	3.9	3.7	3.4	3.9	3.7	3.8	4.2	4.2	4.0	4.5	4.5
Females, 20 years and over:													
Civilian labor force.....	3,682	3,616	3,595	3,535	3,550	3,468	3,414	3,467	3,433	3,444	3,348	3,347	3,362
Employed.....	3,468	3,429	3,372	3,307	3,352	3,264	3,205	3,246	3,200	3,191	3,112	3,115	3,118
Unemployed.....	215	187	223	228	198	204	209	221	233	253	236	232	244
Unemployment rate.....	5.8	5.2	6.2	6.4	5.6	5.9	6.1	6.4	6.8	7.3	7.0	6.9	7.3
Both sexes, 16 to 19 years:													
Civilian labor force.....	842	818	791	783	810	756	769	799	786	793	777	780	737
Employed.....	632	626	606	582	622	565	578	599	596	577	566	568	557
Unemployed.....	210	192	185	201	188	191	191	200	190	216	211	212	180
Unemployment rate.....	24.9	23.5	23.4	25.7	23.2	25.3	24.8	25.0	24.2	27.2	27.2	27.2	24.4

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

4: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1970	1969				1968				1967			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Total (all civilian workers).....	4.1	3.6	3.6	3.5	3.4	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.8
Men, 20 years and over.....	2.7	2.2	2.2	2.0	1.9	2.0	2.2	2.2	2.3	2.3	2.3	2.4	2.3
Women, 20 years and over.....	4.1	3.7	3.8	3.8	3.6	3.6	3.7	3.7	3.9	4.3	4.3	4.2	4.2
Both sexes, 16-19 years.....	13.7	12.2	12.5	12.3	12.2	12.4	12.5	12.8	12.5	13.7	13.1	12.6	12.1
White.....	3.8	3.3	3.3	3.1	3.0	3.0	3.2	3.2	3.3	3.5	3.4	3.4	3.3
Negro and other races.....	6.8	6.1	6.5	6.7	6.1	6.6	6.5	6.7	7.0	7.6	7.3	7.5	7.3
Married men.....	2.0	1.6	1.6	1.5	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.8
Full-time workers.....	3.7	3.1	3.1	3.1	3.0	2.9	3.1	3.1	3.3	3.5	3.3	3.5	3.3
Part-time workers.....	7.1	6.3	6.7	5.9	6.1	6.4	6.4	6.8	6.5	7.0	7.0	6.6	7.1
Unemployed 15 weeks and over ¹.....	.6	.5	.5	.5	.4	.4	.5	.5	.6	.6	.6	.6	.6
State insured ²	--	--	--	--	--	--	--	--	--	--	--	--	--
Labor force time lost ³	4.5	4.1	4.1	3.8	3.7	3.8	4.0	3.9	4.1	4.4	4.3	4.1	4.2
Occupation													
White-collar workers.....	2.4	2.2	2.2	2.0	2.0	1.9	2.0	2.0	2.0	2.2	2.2	2.0	2.1
Professional and technical.....	1.9	1.5	1.4	1.3	1.1	1.2	1.3	1.2	1.2	1.3	1.3	1.4	1.4
Managers, officials, and proprietors.....	1.0	.9	1.0	.9	.9	1.0	1.1	.9	.9	1.0	.9	.9	.9
Clerical workers.....	3.3	3.2	3.2	2.8	2.9	2.8	2.9	3.0	3.1	3.4	3.3	2.8	3.0
Sales workers.....	3.2	2.8	3.0	2.9	2.9	2.8	2.6	2.7	3.0	3.2	3.6	2.9	3.2
Blue-collar workers.....	4.9	4.3	4.0	3.8	3.7	3.8	4.2	4.0	4.4	4.5	4.5	4.6	4.2
Craftsmen and foremen.....	2.6	2.2	2.2	2.1	2.1	2.2	2.4	2.4	2.5	2.5	2.3	2.8	2.3
Operatives.....	5.7	5.0	4.4	4.3	4.1	4.3	4.5	4.3	4.8	5.1	5.1	5.0	4.7
Nonfarm laborers.....	7.9	6.9	7.2	6.5	6.4	6.7	7.4	7.0	7.7	7.8	7.6	8.0	7.2
Service workers.....	4.7	3.9	4.5	4.4	4.0	4.3	4.5	4.6	4.3	4.9	4.5	4.2	4.5
Farm workers.....	2.1	1.8	2.2	1.9	1.6	1.6	2.4	2.3	1.9	2.3	2.4	2.4	2.2
Industry													
Private wage and salary workers ⁴	4.2	3.7	3.7	3.5	3.4	3.4	3.6	3.6	3.7	4.0	4.0	3.9	3.8
Construction.....	7.7	6.2	6.8	5.6	5.7	6.0	6.4	6.8	7.8	6.9	6.6	8.1	7.5
Manufacturing.....	4.4	3.7	3.3	3.2	3.1	3.1	3.3	3.2	3.4	3.7	3.9	3.8	3.4
Durable goods.....	4.4	3.5	2.9	3.0	2.7	2.9	3.0	2.8	3.1	3.4	3.6	3.6	3.0
Nondurable goods.....	4.3	4.0	3.8	3.4	3.6	3.4	3.7	3.8	3.9	4.2	4.2	4.1	4.1
Transportation and public utilities.....	2.8	2.5	2.0	2.2	2.0	2.0	2.3	1.6	2.0	2.4	2.3	2.4	2.3
Wholesale and retail trade.....	4.6	4.0	4.3	4.2	3.9	4.0	3.9	4.0	4.2	4.5	4.5	3.8	4.1
Finance and service industries.....	3.4	3.0	3.5	3.3	3.1	3.1	3.5	3.5	3.4	3.7	3.6	3.4	3.7
Government wage and salary workers.....	2.1	2.2	1.9	1.7	1.7	1.7	1.9	1.8	1.9	2.1	1.7	1.9	1.8
Agricultural wage and salary workers	6.2	6.0	7.3	5.6	5.4	5.4	7.5	6.7	5.6	6.8	7.5	7.0	6.2

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

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

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

5: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1970	1969				1968				1967			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Less than 5 weeks	1,908	1,652	1,686	1,670	1,531	1,523	1,618	1,618	1,603	1,641	1,651	1,654	1,588
5 to 14 weeks	1,028	896	891	733	792	808	807	799	821	963	913	888	830
15 weeks and over	473	381	392	389	345	353	409	408	466	466	442	434	455
15 to 26 weeks	315	251	241	255	227	219	254	253	289	290	264	270	266
27 weeks and over	158	130	151	134	118	133	154	155	178	175	178	164	190

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

Age and sex	1970	1969				1968				1967			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Total, 16 years and over	4.1	3.6	3.6	3.5	3.4	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.8
16 to 19 years	13.7	12.2	12.5	12.3	12.2	12.4	12.5	12.8	12.6	13.7	13.1	12.6	12.1
16 and 17 years	16.4	14.8	15.5	14.1	13.8	14.3	14.2	14.7	15.1	15.4	14.8	14.1	14.5
18 and 19 years	11.9	10.0	10.3	11.0	11.1	10.8	11.3	11.4	11.0	12.2	11.8	11.6	10.6
20 to 24 years	6.7	6.0	5.9	5.5	5.4	5.8	5.8	5.8	6.0	5.9	6.0	5.5	5.4
25 years and over	2.7	2.3	2.3	2.2	2.1	2.1	2.3	2.3	2.4	2.6	2.6	2.7	2.6
25 to 54 years	2.7	2.3	2.4	2.3	2.2	2.2	2.3	2.3	2.4	2.7	2.6	2.7	2.6
55 years and over	2.3	2.1	2.1	1.9	1.9	2.1	2.1	2.2	2.3	2.5	2.3	2.5	2.5
Males, 16 years and over	3.5	2.9	2.9	2.7	2.7	2.7	2.8	2.9	3.0	3.1	3.0	3.2	3.0
16 to 19 years	12.7	11.5	11.7	11.2	11.4	11.3	11.1	11.6	12.0	13.1	12.2	12.7	11.5
16 and 17 years	15.0	13.7	14.9	13.3	13.1	13.7	13.2	14.3	13.9	15.4	14.5	14.6	13.8
18 and 19 years	10.9	9.3	9.0	9.4	10.0	9.4	9.4	9.2	10.3	11.1	10.2	11.2	9.6
20 to 24 years	6.5	5.7	5.4	4.8	4.8	4.9	5.1	5.2	5.2	5.1	4.9	4.6	4.1
25 years and over	2.2	1.8	1.8	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.1
25 to 54 years	2.1	1.6	1.7	1.6	1.5	1.6	1.7	1.7	1.8	1.8	1.9	2.0	1.9
55 years and over	2.4	2.1	2.0	1.7	1.8	1.9	2.0	2.1	2.3	2.6	2.2	2.6	2.5
Females, 16 years and over	5.2	4.6	4.8	4.8	4.5	4.6	4.8	4.8	4.9	5.3	5.3	5.0	5.1
16 to 19 years	14.9	13.0	13.5	13.8	13.2	13.6	14.3	14.3	13.3	14.2	14.2	12.6	12.8
16 and 17 years	18.3	16.3	16.2	15.2	14.8	15.2	15.8	15.2	16.8	15.5	15.3	13.4	15.6
18 and 19 years	13.1	10.7	11.7	12.9	12.5	12.5	13.4	13.7	11.8	13.4	13.6	12.1	11.6
20 to 24 years	7.0	6.4	6.4	6.4	6.1	6.8	6.5	6.5	6.9	6.9	7.3	6.5	7.1
25 years and over	3.5	3.1	3.3	3.2	3.1	3.0	3.2	3.1	3.4	3.8	3.7	3.7	3.7
25 to 54 years	3.8	3.4	3.6	3.5	3.4	3.2	3.5	3.4	3.6	4.3	4.0	4.1	3.9
55 years and over	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.2	2.5	2.3	2.6	2.3	2.7

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

7: Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	1970	1969				1968				1967			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
Total													
16 years and over	78,992	78,570	78,090	77,550	77,418	76,409	76,017	75,898	75,392	75,121	74,630	73,911	73,862
16 to 19 years	6,352	6,284	6,101	6,086	6,002	5,762	5,790	5,832	5,736	5,538	5,644	5,732	5,816
16 and 17 years	2,749	2,666	2,538	2,565	2,545	2,390	2,399	2,432	2,383	2,333	2,322	2,299	2,386
18 and 19 years	3,645	3,638	3,537	3,513	3,489	3,391	3,368	3,391	3,361	3,212	3,310	3,421	3,452
20 to 24 years	9,592	9,468	9,425	9,252	9,133	8,910	8,819	8,662	8,660	8,686	8,573	8,445	8,291
25 years and over	63,081	62,826	62,550	62,204	62,312	61,748	61,402	61,391	60,999	60,921	60,408	59,719	59,762
25 to 54 years	48,904	48,722	48,411	48,153	48,270	47,807	47,541	47,560	47,367	47,148	46,758	46,266	46,406
55 years and over	14,250	14,096	14,094	14,039	14,077	13,924	13,831	13,807	13,677	13,730	13,624	13,434	13,394
Male													
16 years and over	49,192	49,024	48,826	48,699	48,729	48,312	48,173	48,098	47,855	47,705	47,607	47,292	47,320
16 to 19 years	3,553	3,491	3,398	3,420	3,432	3,306	3,273	3,267	3,153	3,102	3,185	3,186	3,262
16 and 17 years	1,580	1,562	1,512	1,516	1,537	1,453	1,448	1,461	1,446	1,432	1,419	1,373	1,448
18 and 19 years	1,995	1,949	1,871	1,894	1,918	1,867	1,815	1,797	1,722	1,678	1,759	1,802	1,832
20 to 24 years	5,122	5,083	5,069	5,005	4,884	4,858	4,806	4,764	4,821	4,843	4,855	4,790	4,747
25 years and over	40,535	40,447	40,361	40,260	40,425	40,151	40,102	40,052	39,890	39,776	39,574	39,300	39,317
25 to 54 years	31,388	31,383	31,303	31,240	31,353	31,145	31,064	31,048	30,992	30,843	30,688	30,495	30,582
55 years and over	9,179	9,073	9,042	9,012	9,091	9,009	9,023	8,992	8,916	8,916	8,873	8,789	8,745
Female													
16 years and over	29,800	29,546	29,264	28,851	28,689	28,097	27,844	27,800	27,537	27,416	27,023	26,619	26,542
16 to 19 years	2,800	2,793	2,703	2,666	2,570	2,456	2,517	2,565	2,583	2,436	2,459	2,546	2,554
16 and 17 years	1,169	1,104	1,026	1,049	1,008	937	951	971	937	901	903	926	938
18 and 19 years	1,650	1,689	1,666	1,619	1,571	1,524	1,553	1,594	1,639	1,534	1,551	1,619	1,620
20 to 24 years	4,470	4,385	4,356	4,247	4,249	4,052	4,013	3,898	3,839	3,843	3,718	3,655	3,544
25 years and over	22,546	22,379	22,189	21,944	21,887	21,597	21,300	21,339	21,109	21,145	20,834	20,419	20,445
25 to 54 years	17,516	17,339	17,108	16,913	16,917	16,662	16,477	16,512	16,375	16,302	16,070	15,771	15,824
55 years and over	5,071	5,023	5,052	5,027	4,986	4,915	4,808	4,815	4,761	4,814	4,751	4,645	4,649

8: Employed persons by major occupation group, seasonally adjusted

(In thousands)

Occupation group	1970	1969				1968				1967			
	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st
White-collar workers	37,938	37,509	36,923	36,677	36,264	35,906	35,732	35,419	35,140	34,888	34,456	33,943	33,635
Professional and technical	11,020	10,736	10,764	10,740	10,638	10,473	10,392	10,295	10,142	10,067	9,952	9,761	9,734
Managers, officials, and proprietors	8,215	8,141	7,970	7,993	7,841	7,897	7,827	7,661	7,716	7,633	7,630	7,453	7,261
Clerical workers	13,906	13,655	13,478	13,281	13,171	12,876	12,823	12,816	12,694	12,624	12,343	12,250	12,115
Sales workers	4,791	4,777	4,711	4,663	4,614	4,660	4,690	4,647	4,588	4,564	4,531	4,479	4,525
Blue-collar workers	28,236	28,389	28,425	27,931	28,202	27,774	27,491	27,513	27,297	27,279	27,343	27,175	27,240
Craftsmen and foremen	10,264	10,265	10,174	10,044	10,298	10,147	9,972	10,003	9,936	9,827	9,790	9,853	9,918
Operatives	14,168	14,412	14,589	14,208	14,264	14,051	13,911	13,956	13,896	13,918	13,999	13,787	13,822
Nonfarm laborers	3,804	3,712	3,662	3,679	3,640	3,576	3,608	3,554	3,465	3,534	3,554	3,535	3,500
Service workers	9,673	9,589	9,493	9,467	9,558	9,411	9,385	9,395	9,337	9,330	9,277	9,276	9,418
Farmers and farm laborers	3,153	3,089	3,231	3,417	3,438	3,346	3,400	3,507	3,649	3,654	3,556	3,448	3,584

HOUSEHOLD DATA

QUARTERLY AVERAGES

1. Labor force status of civilian noninstitutional population by age, sex, and reasons for nonparticipation

1st Quarter 1970

Labor force status and reasons for nonparticipation	Total	Age in years							
		16-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over
Total									
Civilian noninstitutional population (in thousands) . . .	135,949	14,310	14,966	24,122	22,571	22,980	9,865	8,268	18,867
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	59.8	44.9	67.5	69.8	73.2	73.4	68.2	54.6	17.0
Not in labor force	40.2	55.1	32.5	30.2	26.8	26.6	31.8	45.4	83.0
In school	6.6	47.3	11.9	1.3	.4	.2	(1)	.1	(1)
Ill health, disability	3.1	.4	.8	1.2	1.8	3.2	5.4	7.0	8.2
Home responsibilities	24.0	4.7	17.1	26.1	22.8	20.9	23.3	29.2	44.4
Retirement, old age	4.3	--	--	--	(1)	.1	.3	6.3	28.0
Think cannot get job . . . . .	.4	.4	.6	.3	.3	.5	.4	.7	.6
All other reasons	1.8	2.3	2.1	1.3	1.4	1.8	2.4	2.1	1.8
Male									
Civilian noninstitutional population (in thousands) . . .	63,699	7,021	6,641	11,575	10,841	11,018	4,695	3,854	8,053
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	78.8	50.1	80.3	96.4	96.9	94.3	89.6	75.5	26.7
Not in labor force	21.2	49.9	19.7	3.6	3.1	5.7	10.4	24.5	73.3
In school	7.2	46.4	16.1	1.7	.2	.1	--	.1	--
Ill health, disability	3.4	.5	.7	.8	1.7	3.5	6.6	8.9	9.7
Home responsibilities . . . . .	.4	.2	.2	(1)	(1)	.1	.1	.4	1.9
Retirement, old age	8.0	--	--	--	(1)	.1	.6	11.5	57.5
Think cannot get job . . . . .	.3	.4	.4	.1	.2	.2	.2	.7	.6
All other reasons	1.9	2.3	2.3	.9	1.0	1.6	2.9	3.0	3.6
Female									
Civilian noninstitutional population (in thousands) . . .	72,250	7,289	8,324	12,547	11,729	11,963	5,169	4,414	10,815
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force	43.0	39.9	57.3	45.3	51.4	54.2	48.9	36.3	9.8
Not in labor force	57.0	60.1	42.7	54.7	48.6	45.8	51.1	63.7	90.2
In school	66.1	48.1	8.6	1.0	.5	.2	(1)	.1	(1)
Ill health, disability	2.9	.3	.9	1.5	2.0	2.9	4.2	5.3	7.1
Home responsibilities	44.8	9.1	30.6	50.1	43.9	40.0	44.3	54.4	76.0
Retirement, old age	1.0	--	--	--	--	.1	(1)	1.8	6.1
Think cannot get job . . . . .	.6	.4	.6	.5	.4	.7	.6	.8	.5
All other reasons	1.6	2.2	2.0	1.6	1.8	1.9	2.0	1.2	.4

¹Less than 0.05.

HOUSEHOLD DATA QUARTERLY AVERAGES

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

Nonparticipants by reason for status	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969
Thousands of persons										
Total	54,705	54,603	7,883	8,045	4,863	4,780	22,559	22,739	19,399	19,037
In school	8,996	9,011	6,763	6,899	1,783	1,692	439	400	11	20
Ill health, disability	4,260	4,441	57	88	120	178	1,952	2,080	2,131	2,096
Home responsibilities	32,565	32,583	679	702	2,559	2,488	18,548	18,748	10,778	10,646
Retirement, old age	5,862	5,691	--	--	--	--	54	64	5,807	5,627
Think cannot get job	606	617	60	62	84	83	298	299	164	174
All other reasons	2,416	2,258	324	294	318	339	1,266	1,149	509	476
Male	13,528	13,353	3,501	3,561	1,308	1,286	1,869	1,772	6,849	6,736
In school	4,559	4,618	3,260	3,362	1,068	1,038	230	208	2	9
Ill health, disability	2,177	2,124	33	27	48	68	973	925	1,124	1,104
Home responsibilities	229	187	17	7	13	9	30	34	168	136
Retirement, old age	5,118	5,067	--	--	--	--	46	62	5,071	5,005
Think cannot get job	203	213	29	30	29	22	68	69	76	92
All other reasons	1,241	1,144	164	136	150	148	522	472	407	388
Female	41,178	41,250	4,382	4,485	3,554	3,496	20,690	20,967	12,552	12,302
In school	4,437	4,394	3,503	3,536	715	654	209	192	9	12
Ill health, disability	2,083	2,318	25	62	72	111	980	1,155	1,007	991
Home responsibilities	32,336	32,396	661	696	2,545	2,479	18,518	18,711	10,611	10,510
Retirement, old age	744	623	--	--	--	--	9	2	736	621
Think cannot get job	404	404	31	33	54	61	230	231	87	81
All other reasons	1,175	1,114	163	159	167	191	743	677	101	87
Percent distribution										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	16.4	16.5	85.8	85.8	36.7	35.4	1.9	1.8	.1	.1
Ill health, disability	7.8	8.1	.7	1.1	2.5	3.7	8.7	9.1	11.0	11.0
Home responsibilities	59.5	59.7	8.6	8.7	52.6	52.1	82.2	82.4	55.6	55.9
Retirement, old age	10.7	10.4	--	--	--	--	.2	.3	29.9	29.6
Think cannot get job	1.1	1.1	.8	.8	1.7	1.7	1.3	1.3	.8	.9
All other reasons	4.4	4.1	4.1	3.7	6.5	7.1	5.6	5.1	2.6	2.5
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	33.7	34.6	93.1	94.4	81.7	80.8	12.3	11.8	(1)	.1
Ill health, disability	16.1	15.9	.9	.8	3.7	5.3	52.1	52.3	16.4	16.4
Home responsibilities	1.7	1.4	.5	.2	1.0	.7	1.6	1.9	2.5	2.0
Retirement, old age	37.8	37.9	--	--	--	--	2.5	3.5	74.1	74.3
Think cannot get job	1.5	1.6	.8	.8	2.2	1.7	3.6	3.9	1.1	1.4
All other reasons	9.2	8.6	4.7	3.8	11.5	11.5	27.9	26.7	5.9	5.8
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	10.8	10.7	79.9	78.8	20.1	18.7	1.0	.9	.1	.1
Ill health, disability	5.1	5.6	.6	1.4	2.0	3.2	4.7	5.5	8.0	8.1
Home responsibilities	78.5	78.5	15.1	15.5	71.6	70.9	89.5	89.2	84.5	85.4
Retirement, old age	1.8	1.5	--	--	--	--	(1)	(1)	5.9	5.0
Think cannot get job	1.0	1.0	.7	.7	1.5	1.7	1.1	1.1	.7	.7
All other reasons	2.9	2.7	3.7	3.5	4.7	5.5	3.6	3.2	.8	.7

¹Percent less than 0.05.

HOUSEHOLD DATA

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

Nonparticipants by reason for status	Total		Age in years					
			16-24		25-59		60 and over	
	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969
White								
Male (in thousands)	11,895	11,742	4,126	4,168	1,515	1,439	6,253	6,137
In school	3,965	3,998	3,761	3,817	204	172	2	9
Ill health, disability	1,821	1,782	60	79	781	751	980	953
Home responsibilities	195	159	27	16	20	28	147	115
Retirement, old age	4,736	4,710	--	--	46	56	4,689	4,654
Think cannot get job	155	163	42	39	48	49	64	75
All other reasons	1,024	929	236	215	415	383	373	331
Female (in thousands)	37,080	37,233	6,769	6,875	18,727	19,013	11,585	11,345
In school	3,747	3,779	3,562	3,612	175	154	9	12
Ill health, disability	1,619	1,801	66	129	750	876	803	797
Home responsibilities	29,747	29,856	2,819	2,797	16,994	17,229	9,934	9,831
Retirement, old age	680	561	--	--	9	2	672	559
Think cannot get job	312	300	62	52	172	179	77	69
All other reasons	974	937	260	285	627	575	88	77
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	33.3	34.1	91.2	91.6	13.5	12.0	(1)	.1
Ill health, disability	15.3	15.2	1.5	1.9	51.6	52.2	15.7	15.5
Home responsibilities	1.6	1.4	.7	.4	1.3	1.9	2.4	1.9
Retirement, old age	39.8	40.1	--	--	3.0	3.9	75.0	75.8
Think cannot get job	1.3	1.4	1.0	.9	3.2	3.4	1.0	1.2
All other reasons	8.6	7.9	5.7	5.2	27.4	26.6	6.0	5.4
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	10.1	10.1	52.6	52.5	.9	.8	.1	.1
Ill health, disability	4.4	4.8	1.0	1.9	4.0	4.6	6.9	7.0
Home responsibilities	80.2	80.2	41.6	40.7	90.7	90.6	85.8	86.7
Retirement, old age	1.8	1.5	--	--	(1)	(1)	5.8	4.9
Think cannot get job . . . . .	.8	.8	.9	.8	.9	.9	.7	.6
All other reasons	2.6	2.5	3.8	4.1	3.3	3.0	.8	.7
Negro and other races								
Male (in thousands)	1,633	1,611	684	679	355	334	596	599
In school	594	619	567	583	27	36	--	--
Ill health, disability	357	341	20	15	191	174	145	152
Home responsibilities	34	28	3	--	11	7	21	22
Retirement, old age	382	357	--	--	--	5	382	352
Think cannot get job	48	50	16	13	20	21	13	17
All other reasons	217	215	75	67	108	91	35	57
Female (in thousands)	4,098	4,017	1,168	1,106	1,963	1,955	967	957
In school	690	615	655	577	34	37	--	--
Ill health, disability	464	517	31	43	229	280	204	194
Home responsibilities	2,589	2,539	388	377	1,525	1,484	676	678
Retirement, old age	64	62	--	--	--	--	64	63
Think cannot get job	92	105	24	42	57	52	10	11
All other reasons	200	179	70	66	117	103	13	10
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	36.4	38.4	83.3	86.0	7.6	10.8	--	--
Ill health, disability	21.9	21.2	2.9	2.2	53.5	52.1	24.3	25.3
Home responsibilities	2.1	1.7	.4	--	3.1	2.1	3.5	3.7
Retirement, old age	23.4	22.2	--	--	--	1.5	64.1	58.7
Think cannot get job	2.9	3.1	2.3	1.9	5.6	6.3	2.2	2.8
All other reasons	13.3	13.4	11.0	9.9	30.3	27.2	5.9	9.5
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	16.8	15.3	56.1	52.2	1.7	1.9	--	--
Ill health, disability	11.3	12.9	2.7	3.9	11.7	14.3	21.1	20.3
Home responsibilities	63.2	63.2	33.2	34.1	77.7	75.9	69.9	70.9
Retirement, old age	1.6	1.5	--	--	--	--	6.6	6.6
Think cannot get job	2.2	2.6	2.1	3.8	2.9	2.7	1.0	1.2
All other reasons	4.9	4.5	6.0	6.0	6.0	5.3	1.3	1.0

¹Percent less than 0.05.

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

Reasons for not seeking work	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969
Thousands of persons										
Total not in labor force . . .	54,705	54,603	7,883	8,045	4,863	4,780	22,559	22,739	19,399	19,037
Do not want job now . . .	50,857	50,110	6,716	6,770	4,288	4,144	20,863	20,667	18,991	18,526
Want job now - total	3,848	4,493	1,167	1,275	575	636	1,696	2,072	408	511
In school	1,138	1,259	935	1,013	161	173	42	70	--	4
Ill health, disability	517	698	17	24	33	42	361	441	105	190
Home responsibilities	860	1,156	74	92	168	200	594	821	23	44
Think cannot get job	606	617	60	62	84	83	298	299	164	174
All other reasons	727	763	81	84	129	138	401	441	116	99
Male	1,209	1,334	525	582	187	157	307	331	189	268
In school	571	642	457	522	99	94	15	23	--	4
Ill health, disability	222	301	9	8	15	13	145	171	53	110
Think cannot get job	203	213	29	30	29	22	68	69	76	92
All other reasons ¹	213	178	30	22	44	28	79	68	60	62
Female	2,640	3,159	643	696	386	477	1,392	1,745	216	241
In school	567	618	478	493	62	79	27	47	--	--
Ill health, disability	295	396	8	16	18	28	217	271	51	80
Home responsibilities	832	1,135	67	90	162	196	588	816	16	32
Think cannot get job	404	404	31	33	54	61	230	231	87	81
All other reasons	542	606	59	64	90	113	330	380	62	48
Percent distribution										
Want job now - total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	29.6	28.0	80.1	79.5	28.0	27.2	2.5	3.4	--	.8
Ill health, disability	13.4	15.5	1.5	1.9	5.7	6.6	21.3	21.3	25.7	37.2
Home responsibilities	22.3	25.7	6.3	7.2	29.2	31.4	35.0	39.6	5.6	8.6
Think cannot get job	15.7	13.7	5.1	4.9	14.6	13.1	17.6	14.4	40.2	34.1
All other reasons	18.9	17.0	6.9	6.6	22.4	21.7	23.6	21.3	28.4	19.4
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	47.2	48.1	87.0	89.7	52.9	59.9	4.9	6.9	--	1.5
Ill health, disability	18.4	22.6	1.7	1.4	8.0	8.3	47.2	51.7	28.0	41.0
Think cannot get job	16.8	16.0	5.5	5.2	15.5	14.0	22.1	20.8	40.2	34.3
All other reasons ¹	17.6	13.3	5.7	3.8	23.5	17.8	25.7	20.5	31.7	23.1
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	21.5	19.6	74.3	70.8	16.1	16.6	1.9	2.7	--	--
Ill health, disability	11.2	12.5	1.2	2.3	4.7	5.9	15.6	15.5	23.6	33.2
Home responsibilities	31.5	35.9	10.4	12.9	42.0	41.1	42.2	46.8	7.4	13.3
Think cannot get job	15.3	12.8	4.8	4.7	14.0	12.8	16.5	13.2	40.3	33.6
All other reasons	20.5	19.2	9.2	9.2	23.3	23.7	23.7	21.8	28.7	19.9

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

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

Reasons for not seeking work	White				Negro and other races			
	Male		Female		Male		Female	
	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969
Thousands of persons								
Total not in labor force	11,895	11,742	37,080	37,233	1,633	1,611	4,098	4,017
Do not want job now	10,917	10,678	35,072	34,834	1,402	1,341	3,466	3,256
Want job now	978	1,064	2,008	2,399	231	270	632	761
In school	488	513	416	500	83	128	151	118
Ill health, disability	160	235	190	270	62	67	105	126
Home responsibilities ¹	--	--	639	841	--	--	194	294
Think cannot get job	155	163	312	300	48	50	92	105
All other reasons	175	153	451	488	38	25	90	118
Percent distribution								
Want job now	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	49.9	48.2	20.7	20.8	35.9	47.4	23.9	15.5
Ill health, disability	16.4	22.1	9.5	11.3	26.8	24.8	16.6	16.6
Home responsibilities ¹	--	--	31.8	35.1	--	--	30.7	38.6
Think cannot get job	15.8	15.3	15.5	12.5	20.8	18.5	14.6	13.8
All other reasons	17.9	14.4	22.5	20.3	16.5	9.3	14.2	15.5

¹Small number of men not seeking work because of "home responsibilities" are included in "all other reasons."

6. Persons not in labor force who desire to work but think they cannot get jobs by age, color, sex, and detailed reason

1st Quarter 1970

(In thousands)

Detailed reason for not seeking work	Total	Age in years				Color	
		16-19	20-24	25-59	60 and over	White	Negro and other races
Total	606	60	84	298	164	467	140
Employers think too young or old	93	17	--	3	72	79	13
Lacks education or training	49	7	8	30	6	38	11
Other personal handicap	25	5	4	9	8	23	2
Could not find job	220	22	48	120	31	155	66
Thinks no job available	219	10	25	137	47	171	48
Male	203	29	29	68	76	155	48
Employers think too young or old	51	15	--	--	35	46	5
Lacks education or training	11	--	4	5	2	4	6
Other personal handicap	6	1	--	2	3	4	2
Could not find job	63	8	17	23	15	45	18
Thinks no job available	73	5	9	39	20	56	17
Female	403	31	54	230	87	312	92
Employers think too young or old	42	2	--	3	37	33	8
Lacks education or training	39	7	4	24	4	34	5
Other personal handicap	19	4	4	8	5	19	--
Could not find job	158	14	31	98	15	110	48
Thinks no job available	146	6	17	97	27	115	31

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

Most recent work experience and reason leaving job	Total		Age in years								
			16-19		20-24		25-59		60 and over		
	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	
Total											
Not in labor force (in thousands)	54,705	54,603	7,883	8,045	4,863	4,780	22,559	22,739	19,399	19,037	
Never worked	10,190	10,011	3,861	3,998	817	763	2,635	2,505	2,876	2,743	
Last worked over 5 years ago	24,765	24,650	17	27	302	291	11,957	12,057	12,487	12,275	
Last worked 1 to 5 years ago	8,806	9,003	508	477	1,415	1,425	4,267	4,461	2,616	2,640	
Left job previous 12 months	10,944	10,939	3,496	3,544	2,327	2,301	3,699	3,716	1,421	1,378	
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
School, home responsibilities	50.7	51.1	63.9	66.6	74.1	71.8	41.1	39.9	5.3	6.7	
Ill health, disability	7.8	9.4	1.1	1.6	2.1	3.1	13.8	16.0	17.6	22.2	
Retirement, old age	5.8	5.3	--	--	--	--	1.0	1.6	41.7	38.3	
Economic reasons	18.8	18.3	17.8	16.6	9.3	12.2	23.8	22.5	24.1	22.1	
End of seasonal job	9.1	10.5	10.7	11.0	3.8	6.3	9.6	11.6	12.6	13.5	
Slack work	4.4	2.9	2.9	1.9	2.2	1.7	6.9	4.8	5.8	2.6	
End of temporary job	5.3	4.9	4.2	3.7	3.4	4.2	7.3	6.1	5.8	6.0	
All other reasons	16.9	15.8	17.2	15.2	14.5	12.9	20.4	20.0	11.3	10.7	
Male											
Not in labor force (in thousands)	13,528	13,353	3,501	3,561	1,308	1,286	1,869	1,772	6,849	6,736	
Never worked	1,729	1,797	1,395	1,461	203	169	103	131	29	36	
Last worked over 5 years ago	5,196	4,891	9	10	21	22	620	537	4,546	4,322	
Last worked 1 to 5 years ago	2,349	2,426	173	193	202	173	526	506	1,446	1,553	
Left job previous 12 months	4,253	4,238	1,924	1,897	882	920	6.8	598	828	823	
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
School, home responsibilities	47.5	48.7	65.1	67.8	73.0	72.0	18.1	16.8	1.2	2.1	
Ill health, disability	9.2	10.1	.9	.9	1.6	3.2	33.5	33.4	18.1	22.1	
Retirement, old age	10.1	9.8	--	--	--	--	3.2	6.7	49.6	45.7	
Economic reasons	17.7	15.7	17.2	14.8	9.3	9.9	24.0	19.2	23.2	21.7	
End of seasonal job	9.6	9.8	10.8	9.9	5.5	5.3	9.4	9.7	11.3	14.8	
Slack work	4.3	2.5	2.7	2.1	1.5	1.0	11.8	7.6	5.2	1.5	
End of temporary job	3.8	3.4	3.7	2.8	2.3	3.6	2.9	1.8	6.6	5.5	
All other reasons	15.6	15.6	16.8	16.5	16.1	15.0	21.1	23.9	8.0	8.4	
Female											
Not in labor force (in thousands)	41,178	41,250	4,382	4,485	3,554	3,496	20,690	20,967	12,552	12,302	
Never worked	8,460	8,214	2,467	2,537	614	594	2,532	2,375	2,848	2,707	
Last worked over 5 years ago	19,569	19,759	8	17	282	269	11,338	11,519	7,941	7,953	
Last worked 1 to 5 years ago	6,457	6,577	335	284	1,213	1,251	3,739	3,956	1,169	1,086	
Left job previous 12 months	6,691	6,701	1,572	1,647	1,445	1,380	3,081	3,118	593	555	
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
School, home responsibilities	52.8	52.6	62.5	65.4	74.7	71.7	45.6	44.3	11.0	13.7	
Ill health, disability	6.9	9.0	1.5	2.5	2.4	3.0	9.7	12.7	17.0	22.5	
Retirement, old age	3.0	2.5	--	--	--	--	.6	.6	30.9	27.2	
Economic reasons	19.5	20.0	18.5	18.6	9.3	13.8	23.8	23.1	25.3	22.3	
End of seasonal job	8.8	11.0	10.7	12.3	2.7	7.1	9.7	12.0	14.3	11.5	
Slack work	4.6	3.1	3.0	1.6	2.6	2.2	5.9	4.2	6.4	4.1	
End of temporary job	6.2	5.9	4.8	4.7	4.0	4.6	8.2	6.9	4.6	6.7	
All other reasons	17.8	15.9	17.6	13.6	13.6	11.4	20.2	19.3	15.9	14.2	

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

Most recent work experience and reason leaving job	White				Negro and other races			
	Male		Female		Male		Female	
	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969
Total not in labor force (in thousands)	11,895	11,742	37,080	37,233	1,633	1,611	4,098	4,017
Never worked	1,452	1,456	7,500	7,381	277	341	961	833
Last worked over 5 years ago	4,630	4,399	18,017	18,278	566	491	1,552	1,481
Last worked 1 to 5 years ago	2,101	2,135	5,811	5,856	248	291	645	721
Left job previous 12 months	3,712	3,751	5,752	5,717	541	487	940	983
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	47.5	49.2	54.1	54.6	47.0	45.1	44.7	41.0
Ill health, disability	9.0	9.8	6.1	7.8	10.5	12.6	11.7	16.3
Retirement, old age	10.8	10.5	3.4	2.8	5.5	4.3	.5	1.2
Economic reasons	17.3	14.6	19.1	19.0	20.3	24.3	22.4	26.0
End of seasonal job	9.1	8.6	8.3	9.8	12.8	19.3	11.7	18.1
Slack work	4.1	2.5	4.4	3.2	5.0	3.1	5.5	3.0
End of temporary job	4.0	3.6	6.3	6.0	2.6	1.9	5.1	4.9
All other reasons	15.4	15.9	17.3	15.9	16.6	13.8	20.7	15.5

9. Industry and occupation of last job for persons not in labor force who worked during previous 12 months by reasons leaving job 1st Quarter 1970

Industry and class of worker and major occupation	Total (thousands of persons)	Reason left job (percent distribution)					
		Total	School, home responsibilities	Ill health, disability	Retirement, old age	Economic reasons	All other
Total who left jobs in previous 12 months	10,944	100.0	50.7	7.8	5.8	18.8	16.9
Industry							
Agriculture ¹	820	100.0	25.9	5.6	3.8	37.6	27.2
Unpaid family workers	194	100.0	12.9	2.1	--	3.6	81.4
Wage and salary workers	541	100.0	33.2	4.1	1.5	52.2	9.0
Nonagricultural industries	10,029	100.0	53.2	7.6	6.0	17.2	16.0
Self-employed workers	408	100.0	32.0	14.7	17.8	21.0	14.4
Unpaid family workers	218	100.0	19.4	2.3	--	9.2	69.1
Wage and salary workers	9,402	100.0	54.9	7.5	5.7	17.2	14.8
Private household workers	513	100.0	38.3	13.5	3.1	28.5	16.6
Government workers	1,356	100.0	54.8	5.3	10.4	17.8	11.6
All other ²	7,534	100.0	56.1	7.4	5.0	16.3	15.2
Construction	416	100.0	45.2	9.9	4.1	25.5	15.4
Manufacturing	1,824	100.0	51.0	9.7	8.6	14.4	16.3
Transportation and public utilities	351	100.0	54.4	7.1	10.0	14.8	13.7
Trade	2,860	100.0	58.0	6.3	2.7	18.8	14.2
Finance and services	2,045	100.0	60.5	6.2	4.3	12.8	16.2
Occupation							
White-collar workers	4,557	100.0	56.1	5.2	6.2	16.9	15.5
Professional and technical	922	100.0	59.5	4.4	8.2	14.6	13.2
Managers, officials, and proprietors	278	100.0	25.9	12.9	29.9	12.6	18.7
Clerical and sales	3,357	100.0	57.6	4.8	3.7	17.9	15.9
Blue-collar workers	3,210	100.0	47.6	10.1	7.2	19.4	15.7
Craftsmen and foremen	508	100.0	26.0	14.6	20.7	25.4	13.2
Operatives	1,718	100.0	49.0	10.7	5.9	17.7	16.6
Nonfarm laborers	985	100.0	56.3	6.6	2.5	19.3	15.2
Service workers	2,344	100.0	54.2	8.8	4.0	15.5	17.5
Farm workers	737	100.0	26.2	6.1	3.7	36.6	27.4

¹Includes small number of self-employed workers, not shown separately.

²Includes forestries, fisheries, and mining, not shown separately.

HOUSEHOLD DATA QUARTERLY AVERAGES

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

Work-seeking intentions, most recent work experience, and major occupation	Total		Male		Female	
	1st 1970	1st 1969	1st 1970	1st 1969	1st 1970	1st 1969
Total						
Total not in labor force (in thousands)	54,705	54,603	13,528	13,353	41,178	41,250
Do not intend to seek work	45,302	44,719	9,825	9,476	35,478	35,243
Intend to seek work in next 12 months	9,403	9,884	3,703	3,877	5,700	6,007
Never worked	1,818	1,969	651	726	1,167	1,243
Last worked over 5 years ago	850	962	91	118	759	844
Last worked 1 to 5 years ago	1,393	1,490	386	448	1,008	1,042
Worked during previous 12 months	5,341	5,464	2,575	2,585	2,766	2,879
Percent distribution by occupation	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	36.4	35.3	22.9	25.0	49.5	44.5
Professional and technical	7.1	7.8	7.4	8.0	6.8	7.6
Managerial	1.4	1.6	1.9	2.3	.8	1.0
Clerical and sales	28.0	25.8	13.5	14.7	41.9	35.9
Blue-collar workers	34.4	33.9	52.5	51.7	17.0	17.7
Craftsman and foremen	4.4	5.3	8.3	10.1	.7	.9
Operatives	16.5	17.6	17.6	19.9	15.5	15.6
Nonfarm laborers	13.4	11.0	26.6	21.8	.8	1.2
Service workers	22.6	22.4	14.5	12.8	30.5	31.2
Farm workers	6.5	8.4	10.1	10.4	3.0	6.6
White						
Total not in labor force (in thousands)	48,975	48,975	11,895	11,742	37,080	37,233
Do not intend to seek work	41,245	40,986	8,734	8,476	32,511	32,510
Intend to seek work in next 12 months	7,730	7,989	3,161	3,266	4,569	4,723
Never worked	1,468	1,550	549	569	919	981
Last worked over 5 years ago	695	809	78	89	617	720
Last worked 1 to 5 years ago	1,129	1,123	318	365	811	758
Worked during previous 12 months ¹	4,439	4,506	2,217	2,243	2,222	2,263
Negro and other races						
Total not in labor force (in thousands)	5,731	5,628	1,633	1,611	4,098	4,017
Do not intend to seek work	4,058	3,733	1,091	1,000	2,967	2,733
Intend to seek work in next 12 months	1,673	1,895	542	611	1,131	1,284
Never worked	351	419	103	157	248	262
Last worked over 5 years ago	156	153	14	29	142	124
Last worked 1 to 5 years ago	264	366	67	83	197	283
Worked during previous 12 months ¹	902	958	358	343	544	615

¹Occupational data not available by color.

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 30 million nonagriculture wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month.

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

(In thousands)

Size of estimate	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 1969 are published in the February 1970 *Employment and Earnings*. 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. Historical data for a particular industry, comparable to those currently appearing in Employment and Earnings, are available upon request to any of the BLS regional offices (see inside back cover for addresses) or to the Bureau of Labor Statistics, Washington, D.C. 20212.

**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.