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#### CAUTION

Periodically, the Bureau 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. All industry statistics shown in this report are adjusted to a March 1965 benchmark. Data from April 1965 forward are subject to revision at the time of the next benchmark adjustment. The user is referred to the technical note in the back of this volume for further details regarding the benchmark adjustments as well as other aspects of the program.

Beginning with September 1966 and subsequent issues of Employment and Earnings and Monthly

Report on the Labor Force, data in tables B-1 through B-6, C-1 through C-8 and D-1 through D-4 are based on March 1965 benchmarks. Therefore issues prior to September 1966 cannot be used in conjunction with national industry data now shown in sections B, C, and D. Comparable data for prior periods will be published in Employment and Earnings Statistics for the United States, 1909-66, BLS Bulletin 1312-4.

When industry data are again adjusted to new benchmarks, another edition of Employment and Earnings Statistics for the United States will be issued containing the revised data extending from April 1965 forward to a current date, as well as the prior historical statistics.

<sup>1</sup>Quarterly data included in February, May, August, and November issues.

# SUMMARY EMPLOYMENT AND UNEMPLOYMENT DEVELOPMENTS, SEPTEMBER 1966

The September survey of employment and unemployment revealed continuing demand for qualified and experienced workers, an extensive withdrawal of younger workers from the labor force in order to resume their education, and substantial job gains for adult women. The job situation for Negroes and for unskilled workers showed no significant change after a deterioration from April to August. The highlights of the September survey are:

1. Employment of teenagers was unusually high during the summer, reflecting the impact of the youth employment campaign. In September, about 3 million youngsters withdrew from the labor force to return to school. Teenage employment in September (seasonally adjusted) was almost identical with the May total.

2. There was a sharp employment increase among women 25 years of age and over. The adult female labor force rose correspondingly, reflecting increased participation of women in response to improved job opportunities.

3. The net result was that nonfarm employment (as measured by establishment as well as household data) changed about in line with seasonal expectations. The number of employees on nonfarm payrolls rose 400,000 to 64.9 million in September, a record for the month. Since September 1965, payroll employment has risen by 3 million.

4. The Negro unemployment rate, at 7.8 percent, was not significantly changed from the 7.9 percent average in the May-August period. The unemployment rate for whites was 3.3 percent in September, as compared with 3.4 percent in the May-August period. The ratio of Negro to white unemployment rates continues at 2.4:1, a considerable rise from the 2:1 ratio which has been prevalent in recent years.

5. The job situation for workers with good professional or manual skills, and with good training and experience, remains very favorable. Unemployment rates were only 2.3 percent for white-collar workers and 1.8 percent for skilled craftsmen. Married men, who account for over half of the labor force, had a rate of 1.9 percent (seasonally adjusted). The job situation is considerably weaker for workers with less skill and experience. For example, the rate for unskilled workers was 5.8 percent.

6. The over-all unemployment rate was 3.8 percent, seasonally adjusted, with 2.6 million actual jobseekers. The number of unemployed usually edges down in October and then rises with cutbacks in agriculture, construction, and other seasonal activities. Thus far in 1966, the level of unemployment has shown little change except for normal seasonal variations.

## Payroll Employment, Hours, and Earnings

September employment changes in the major industry groups were comparatively close to seasonal expectations. Moderate improvements were recorded in government and transportation, the latter being attributable to the end of the airline strike.

Employment in contract construction declined by 116,000 in September, slightly more than usual at this time of year. On a seasonally adjusted basis, construction employment was slightly above a year ago but down 200,000 from its March peak, due to the slowdown in private residential construction.

Manufacturing employment rose by 125,000 to 19.5 million. On a seasonally adjusted basis, manufacturing was off 75,000 from August, reflecting the return to school of many youngsters hired in the spring. Manufacturing was up over 1 million from September 1965.

Factory workers' weekly earnings averaged \$113.44 in September, up \$1.66 from August. With the workweek unchanged at 41.4 hours, the entire increase was attributable to a 4-cent rise in hourly earnings to \$2.74--an alltime high. Hourly earnings increased in all industries (except tobacco); however, the return to payrolls of 150,000 workers in transportation equipment accounted for approximately half of the increase. Their absence from payrolls was partially responsible for a 1 cent decline in hourly earnings between July and August.

### Unemployment

Total unemployment declined seasonally by 350,000 to 2.6 million. Over the year, unemployment was down 300,000, with the entire decline among persons seeking full-time work. The unemployment rate for full-time workers was 3.4 percent in September, down from 4.0 percent a year earlier. The situation for part-time workers--the vast majority of whom are women and teenagers--was unchanged over the year.

Unemployment rates for men (2.4 percent), women (3.8 percent), and teenagers (12.2 percent) were not significantly changed over the month, or since the beginning of the year. Nonetheless, with the exception of the rate for Negroes, all measures of unemployment showed significant reductions from a year ago. The overall rate was down from 4.4 to 3.8 percent. About two-thirds of the improvement occurred among those out of work 15 weeks or longer. Long-term unemployment, at 0.6 percent of the labor force in the third quarter, was at its lowest level since late 1953.

The deterioration in the Negro job situation during the late spring and summer resulted from inadequate employment gains for Negroes in the semiskilled, unskilled, and farm occupations, with a consequent rise in the level of unemployment among experienced workers. In the service occupations, which include private household and other service jobs, employment actually declined, whereas a moderate increase is usual during this period. The increase in the Negro unemployment rate was not due to an inordinate increase in the Negro labor force, or in the number of inexperienced workers seeking jobs.

#### Seasonally Adjusted Changes in White and Nonwhite Labor Force

	(In thousands)				
	Sept.-Dec. 1965	Jan.-April 1966	May-Aug. 1966	CHANGE	
				Sept.-Dec. 1965 to May- August 1966	Jan.-April 1966 to May- Aug. 1966
<b>Whites:</b>					
Civilian labor force	67,522	68,026	68,200	+678	+174
Employment	64,964	65,721	65,837	+873	+116
Unemployment	2,558	2,305	2,363	-195	+ 58
Unemployment rate	3.8	3.4	3.5	-0.3	+0.1
<b>Nonwhites:</b>					
Civilian labor force	8,504	8,662	8,582	+ 78	- 80
Employment	7,834	8,049	7,904	+ 70	-145
Unemployment	671	613	679	+ 8	+ 66
Unemployment rate	7.9	7.1	7.9	0.0	+0.8

State insured unemployment dropped by 225,000 to 756,000 between mid-August and mid-September. The volume always declines over this period, but this year the fall was greater than usual because the peak of the automobile layoffs occurred in August. All States except Nevada and Oregon reported less joblessness. The largest reductions occurred among the leading auto States--Michigan (73,300), New York (14,900), California (14,100), Missouri (13,700), Wisconsin (10,800), and Ohio (10,200). The insured jobless rate (seasonally adjusted) moved down from 2.5 to 2.2 percent over the month.

Recent Weekly State Insured Unemployment Data  
(In thousands)

Week ended	Current			Year earlier		
	Initial claims	Insured unemployment	Rate (Pct.)	Initial claims	Insured unemployment	Rate (Pct.)
<u>1966</u>						
August 13.....	180	978	2.1	219	1,133	2.5
August 20.....	158	926	2.0	211	1,129	2.5
August 27.....	144	867	1.8	198	1,119	2.5
September 3....	145	800	1.7	182	1,066	2.3
September 10...	135	773	1.6	163	1,047	2.3
September 17...	155	756	1.6	177	962	2.1
September 24...	144	743	1.6	171	930	2.0
October 1.....	144	--	--	177	--	--

Total Employment and Labor Force

The employment of adult women rose in September, continuing the rapid expansion of recent years. In contrast, the employment of adult men showed little change over the month or over the year. This difference in trend reflects the comparative shortage of adult men (97 percent of all men aged 25 to 54 are in the labor force and only 2.1 percent of them are unemployed) and the strong demand for workers. Teen-age employment was up 350,000 over the year.

The labor force was up by 2 million over the year to 80.1 million in September. One-fourth of the rise was in the Armed Forces, with the remainder in the civilian labor force.

# EMPLOYMENT AND UNEMPLOYMENT IN THE CONSTRUCTION INDUSTRY: 1947-1966

James R. Wetzel and Lyle Ryter \*

Over the postwar period, employment in the construction industry expanded by 60 percent and the structure and composition of the industry changed significantly. Perhaps the most important of these changes was the rapid expansion in the number and size of general contractors in the immediate postwar period. This change, coupled with the gradual increase in the dollar value and physical volume of construction projects, gave rise to a series of related changes.

1. Employment increased substantially, but the pattern of unemployment--both seasonal and cyclical--remained nearly the same. In 1965, the construction unemployment rate averaged 9 percent--higher than any other major industry.

2. Management and related services grew in importance. In contract construction the proportion of persons employed in these activities rose from 11 percent in 1947 to 15 percent in 1965.

3. Special trade contractors proliferated and grew in size. In 1965, they employed 1.5 million workers--three times as many as in 1945.

4. The geographic distribution of construction employment changed. The most rapid expansion occurred in the South.

5. Construction workers were able to command substantial earnings increases. Their average weekly earnings rose from \$59.00 in 1947 to \$138.00 in 1965. The increase (133 percent) was the largest of any of the major industry groups.

6. The technology of the industry changed subtly but persistently. There was a distinct movement to off-site employment in prefabrication of material. In addition, improved techniques, materials, and capital equipment both increased productivity and provided the potential for a lengthened building season.

## Employment

Following the Great Depression and World War II, a shortage of homes, commercial buildings, and roads gave rise to a building boom. In sequence, there was a residential building cycle, a plant building cycle, and a nonresidential building cycle. Superimposed on these periods of high activity was a large Federal highway building program begun in 1956. These cycles of increased activity contributed to the continuous but erratic growth of the industry.

Between 1947 and 1965, the real value of new construction put in place doubled while employment in contract construction increased by 60 percent. Construction had a greater relative rise in both output and employment than any other major goods-producing industry. During the first decade of the postwar period, the high rate of household formation, combined with the stored-up construction demand from the Depression and War, created a builders' market. This postwar boom carried contract construction employment from 2 million in 1947 to over 2.6 million in 1951. Between 1951 and 1954, construction employment was stable.

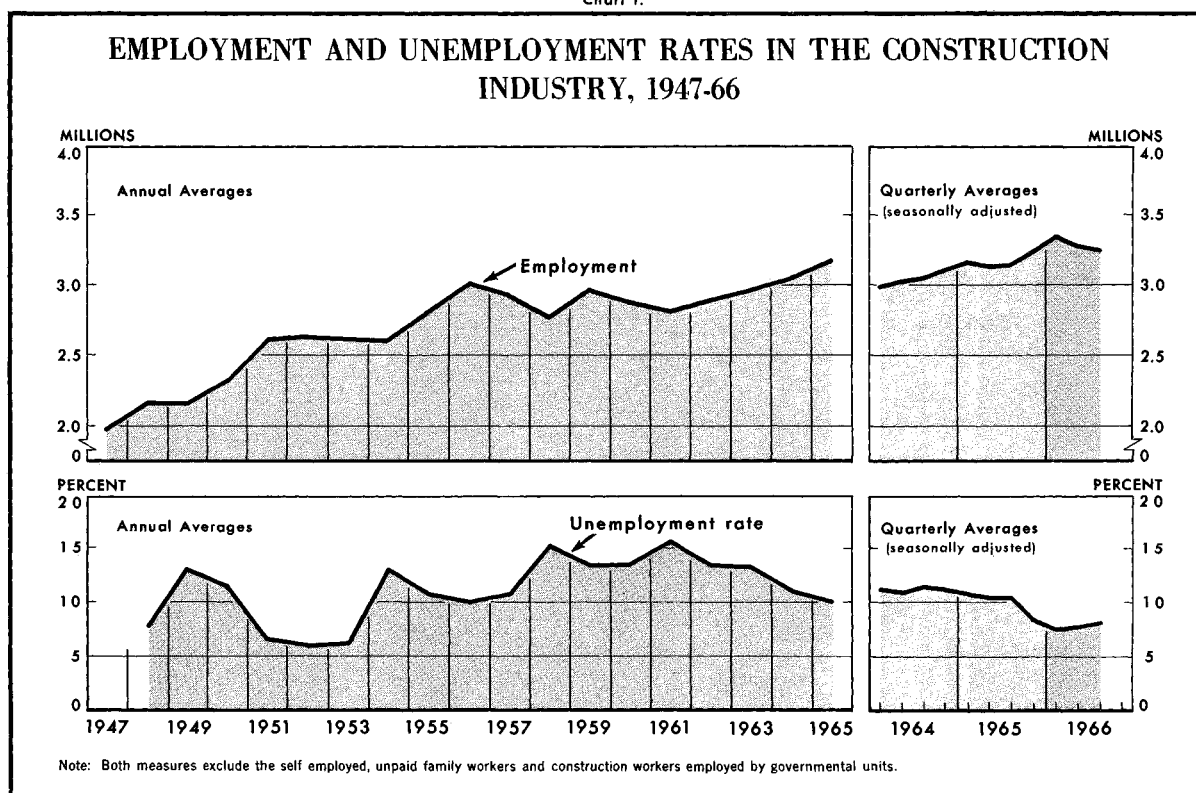
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\*Of the Division of Employment and Unemployment Analysis, Bureau of Labor Statistics.

In 1955, the investment-goods boom, coupled with an advance in public construction (especially State and local), provided the impetus for a strong employment expansion. The basis of this post-Korean pickup was the high rates of utilization of plant and equipment (to a great extent outmoded) during 1953 and the expanded public roads programs. Construction employment increased by 300,000 between 1954 and 1957. Between 1957 and 1962, construction employment fluctuated moderately about the 2.9 million level, reflecting the slowdown in economic activity during the 1958 and 1961 recessions. From 1962 on, however, employment in the construction industry increased steadily, rising to a level of 3.4 million (seasonally adjusted) in March 1966.

Short-term future trends in the industry are difficult to forecast. Stringent credit conditions, coupled with overbuilding in some areas, have contributed to a pronounced falloff in the leading indicators of future construction activity.<sup>1</sup> In spite of this unfavorable situation, employment in construction activities continued to show significant gains from a year earlier but has not shown a distinct trend since March. It is not possible to estimate with any degree of precision the ultimate short-term impact of the cutback in demand on construction employment; however, the

Chart 1.



<sup>1</sup>In August, new residential housing starts dipped to their lowest level since late 1960. The number of permits issued to build new homes fell even more dramatically, reaching the lowest level since the series began in 1959. At the same time, the value and volume of commercial and industrial construction contracts continued to move down from peak April levels.

long-run outlook for employment in the industry is favorable. The real output of the industry is expected to increase sharply in the next decade, and employment requirements are expected to increase by more than one-third between 1964 and 1975.<sup>2</sup>

### Unemployment

The unemployment rate for workers in the construction industry is substantially higher than in any other major industry. The average rate over the postwar period exceeds 10 percent (chart 1). During the Korean war, the rate dipped to a low of 6 percent, reflecting the absence of young men. During the 1958-62 period of slack construction demand, the annual rate reached a peak of 15-1/2 percent. These rates were more than twice the rates for all experienced workers. In 1965, the construction industry accounted for 5-1/2 percent of the civilian labor force and 11 percent of all the unemployed. One-fifth of the unemployed construction workers were without work for 15 weeks or more.

Table 1. Work Experience and Extent of Unemployment, 1964

Item	Industry <u>1/</u>		Occupation		
	Con- struction	Manufac- turing	Carpenters	Crafts- men <u>2/</u>	Laborers
<b>Persons with experience</b>					
Number (thousands).....	4,501	20,364	943	1,974	1,110
Percent distribution.....	100.0	100.0	100.0	100.0	100.0
Worked full time.....	91.0	94.8	88.4	91.8	85.1
50 to 52 weeks.....	48.8	67.7	45.5	56.4	29.1
27 to 50 weeks.....	28.1	16.7	33.7	27.0	30.1
1 to 26 weeks.....	14.1	10.4	9.2	8.4	25.9
Worked part time.....	8.9	5.3	11.6	8.3	14.9
<b>Persons with unemployment</b>					
Number (thousands).....	1,624	3,739	351	658	504
Percent of all workers.....	36.1	18.4	37.2	33.3	45.4
Total duration.....	100.0	100.0	100.0	100.0	100.0
1 to 2 weeks					
(year-round workers)....	8.3	13.6	12.0	10.6	6.7
1 to 4 weeks					
(part-year workers)....	15.4	23.5	18.8	17.3	10.1
5 to 10 weeks.....	22.2	21.7	24.5	22.3	20.2
11 to 14 weeks.....	16.1	12.9	15.4	16.5	17.1
15 to 26 weeks.....	25.2	17.5	19.7	21.7	27.8
27 weeks or more.....	12.7	10.8	9.7	11.7	18.1
<b>Spells of unemployment</b>					
Percent of unemployed with:..	100.0	100.0	100.0	100.0	100.0
1 spell of unemployment....	43.7	66.5	43.3	40.3	46.2
2 spells of unemployment...	25.6	18.8	18.5	22.9	25.0
3 or more spells.....	30.7	14.7	38.2	36.8	28.8

1/ Wage and salary workers only.

2/ All construction craftsmen except carpenters.

<sup>2</sup>America's Industrial and Occupational Manpower Requirements 1964-75, U. S. Department of Labor, Bureau of Labor Statistics.



Only half of the construction industry's employees worked all year at a full-time job in 1964, as compared to two-thirds of all factory employees.<sup>3</sup> Of the construction workers, 36 percent had one or more spells of unemployment, while only 18-1/2 percent of the factory workers experienced some unemployment. Over half of the 1.6 million construction workers who had some unemployment in 1964 had two or more spells. Nearly 500,000 had three or more spells of unemployment.

The waste implicit in chronic and extended unemployment is indicated both by the number unemployed and the frequency of their unemployment. At least 600,000 construction workers were unemployed for aggregate periods in excess of 15 weeks. About 200,000 were off the job for more than half the year. As the occupational data in table 1 show, the unemployment situation for laborers was particularly acute in 1964, even though it was a year of high construction activity.

#### Characteristics of the Construction Work Force

In 1965, nearly 4.6 million workers were employed in construction activities. The vast majority--3.2 million--were on payrolls in contract construction. An additional 750,000 were self-employed and an estimated 600,000 were employed by governmental units--Federal, State, and local.

With the exception of certain managerial, clerical, and sales functions, few women are employed in the construction industry. In 1965, there were approximately 200,000 women, about 4 percent of the total.

As table 2 shows, the construction industry employment distribution by age almost parallels the employment distribution for the Nation. There has been some tendency for workers under 25 years of age to be drawn into the industry in the past 10 years. This increase may represent the influence of increased demand, but it is more likely that the comparative lack of workers aged 25 to 34--due to low birth rates during the Depression and World War II--led to a breakdown in the age barrier to some construction jobs.

Table 2. Male Employment in Construction,  
by Age, 1955, 1960, and 1965

Age	(Percent distribution)					
	1965		1960		1955	
	All males <u>1/</u>	Construction	All males <u>1/</u>	Construction	All males <u>1/</u>	Construction
Total.....	100.0	100.0	100.0	100.0	100.0	100.0
14 to 24 years.....	17.1	14.6	14.2	13.2	12.1	11.4
25 to 34 years.....	21.2	21.6	22.9	23.2	25.4	25.0
35 to 44 years.....	23.6	25.7	24.5	26.1	24.6	24.4
45 to 54 years.....	20.9	21.4	20.8	21.2	19.9	21.1
55 years and over..	17.3	16.7	17.5	16.3	17.9	18.0

1/ Refers only to males employed in nonagricultural industries.

<sup>3</sup>Work experience data for 1965 are not yet available. Figures cited in the text and table 1 were drawn from Samuel Saben, Work Experience of the Population in 1964, Special Labor Force Report No. 62.

The construction industry has a higher ratio of craftsmen to all employees than any other major industry.<sup>4</sup> About half of all construction workers are craftsmen and foremen. Another 20 percent are laborers, and over 10 percent are operatives. The remaining 20 percent are managers, administrators, and professional, technical, or clerical workers. There has been a slow rise in the proportion of construction industry employees who are not directly involved in construction work. The increase in non-construction activities is attributable to the increasing complexity of the industry. This trend may be expected to continue as the scope and size of most construction projects expand.

Table 3. Construction Employment by Industry Subdivision and Class of Worker, Selected Years

(In thousands)

Item	1965	1959	1953	1947
Payroll employment in contract construction <u>1/</u> ....	3,181	2,960	2,623	1,982
Construction workers (percent) <u>2/</u> .....	85.1	85.7	87.9	88.7
General building contractors.....	997.6	959.0	969.2	762.0
Construction workers (percent) <u>2/</u> .....	85.8	87.0	89.1	90.4
Heavy construction.....	643.2	586.5	480.1	363.0
Construction workers (percent) <u>2/</u> .....	86.4	88.1	88.9	88.4
Special trade contractors.....	1540.6	1414.1	1174.0	857.0
Construction workers (percent) <u>2/</u> .....	84.0	83.9	86.5	87.4
Self employment in construction <u>3/</u> .....	730	769	655	695
Construction employment by government, Federal, State, and local <u>3/</u> .....	583	501	398	(4)

1/ Data drawn from industry reports. See Employment and Earnings Statistics for the U. S. 1909-66, U. S. Department of Labor, Bureau of Labor Statistics, Bulletin 1312-4.

2/ Construction workers--shown here as a percent of total--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.

3/ Estimates based on unpublished data drawn from the Current Population Survey.

4/ Not available.

Managerial, Professional, Sales, and Clerical Workers. Workers not directly involved in construction increased absolutely and as a percentage of total employment in contract construction. Such workers made up 11 percent of total employment in 1947 and 15 percent in 1965. Similar increases occurred in the component industries. The proportion in heavy construction rose from 11-1/2 percent in 1957 to 13-1/2 percent in 1965. In special trades, the proportion rose from 12-1/2 percent in 1947 to 16 percent in 1965. In general building, it rose from 9-1/2 percent in 1947 to 14 percent in 1965.

Data on the detailed occupational distribution of nonproduction workers are very limited. Since 1958, the movement among nonproduction occupations in construction has been such that professional, technical, and clerical workers have shown moderate

<sup>4</sup>Occupational distributions drawn from Labor Force and Employment, Special Labor Force Reports Nos. 4, 14, 23, 31, 43, 52, and 67.

advances while managers, officials, and proprietors have declined slightly. The reduction for managers reflects a relative decline in self employment.

Blue-collar Construction Workers. Payroll employment of blue-collar construction workers increased by more than one-half in the postwar period, rising from 1.8 million in 1947 to 2.7 million in 1965. This increase was an across-the-board advance with all component industries taking part. Special trades showed the largest increase, rising from 750,000 in 1947 to 1.3 million in 1965--an increase of 73 percent. Construction worker employment increased by 73 percent in heavy construction and by 24 percent in general building.

Since 1958, the greatest relative gains in construction employment have been made by operatives, bringing their proportion to 10 percent of all workers. Craftsmen have retained their dominance, accounting for 50 percent of all employed workers in construction. Between 1958 and 1965, the proportion of laborers employed in construction declined moderately. The decline of low-skill, on-site jobs for laborers is partially attributable to the mechanization of loading and unloading jobs and introduction of construction machinery.

### Employment Trends in Component Industries

Total construction employment expanded sharply, with the largest gain in contract construction. Self employment showed little change over this period. Employment in contract construction increased by more than half between 1947 and 1965, rising from 2.0 million to 3.2 million. In the same period, the value of new construction put in place rose by \$30 billion to \$62 billion (after adjusting for price change).<sup>5</sup>

The payrolls of general building contractors increased by one-third between 1947 and 1951, then stabilized at about 1 million. The post-1951 stability in this industry was a function of the operational techniques of general contractors. In essence, the general contractor is a broker; he simply agrees to complete a building. Generally, he constructs part of the building with his own men and subcontracts the remaining work to special trade contractors. Since 1951, employment in general contracting has shown little change, while employment in subcontracting by special trade contractors has grown.

Employment trends in special trades, much like general contracting, tend to reflect changes in the total volume of construction. As the value of total construction rose by \$20 billion between 1947 and 1956, an increase of 70 percent in real terms, employment in the special trades industries rose 500,000 to a record 1.4 million. After this spurt, however, employment rose much more slowly. A net gain of 180,000 between 1957 and 1965 was due partially to the addition of semi-luxury items such as air conditioning to the basic requirements of new buildings and partially due to the pickup in maintenance, expansion, and improvement of existing installations.

Employment in heavy construction--the building of streets, highways, sewers, and other heavy construction--rose from 365,000 to 560,000 between 1947 and 1956. The expanded need for better highway and sewer systems reflected the postwar trend to suburban living and increased highway travel. From 1957 to 1965 employment in heavy construction proceeded much more slowly, growing by 65,000. This leveling off reflected a slowdown in the trend toward suburban living (fewer one-family homes) and technological gains in sewer, street, and highway construction.

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<sup>5</sup>Figures on the value of construction put in place are on a constant dollar basis. See: Construction Statistics 1915-1964, a supplement to Construction Review, U. S. Department of Commerce, BDSA, January 1966; and Value of New Construction Put in Place 1962-1965, Construction Reports C30-655, U. S. Department of Commerce.

## Real Estate Employment

Employment in real estate varies directly with the growth of the Nation's stock of structures, their turnover, and the level of construction activity. Employment trends in construction and real estate are closely related and, in fact, some firms engaged in construction are classified in the real estate industry; speculative builders, mainly small in size, are classified as subdividers and developers and as operative builders in the real estate industry rather than the construction industry. Taken together, these small groups account for only 19 percent of real estate employment but are among the fastest growing segments of the industry. Of the increase in real estate employment between March 1959 and March 1965, 23,000 (47 percent) occurred among subdividers and developers and operative builders.

## Geographic Distribution

The characteristics of the construction industry differ significantly by geographic location. Basically, these disparities reflect regional differences in the type of work typically done, weather patterns, the availability of labor and extent of unionization, the size of establishments in the industry, and the level of construction activity in that locale.

The South has a larger proportion of construction workers than any of the other regions. Over one-third of all contract construction personnel were employed in the South in 1965, and their proportion has been on a steady uptrend since 1955. In the only available measure of the volume of construction activity by region, housing starts, the South has led by a wide margin since 1959.

Table 4. Construction Employment by Region <sup>1/</sup>

(Percent distribution)

Area	1965	1960	1955	1950
Northeast.....	22.6	24.0	25.1	26.2
New England.....	5.8	5.8	6.0	6.1
Middle Atlantic.....	16.8	18.2	19.1	20.1
North Central.....	25.4	26.9	29.5	27.7
East North Central.....	17.5	18.6	20.9	19.3
West North Central.....	7.9	8.3	8.6	8.4
South.....	34.4	30.7	29.0	29.5
South Atlantic.....	18.1	16.0	14.8	14.4
East South Central.....	5.9	5.2	4.9	5.1
West South Central.....	10.4	9.5	9.3	10.0
West.....	17.6	18.3	16.4	16.6
Mountain.....	4.3	4.9	4.1	4.0
Pacific.....	13.3	13.4	12.3	12.6

<sup>1/</sup> Employment and Earnings Statistics of States and Small Areas, Bulletin 1370-3, U. S. Department of Labor, Bureau of Labor Statistics.

All available evidence indicates that Southern construction is more highly labor intensive than that in other regions (table 5). At least three factors have some influence on the use of labor versus capital. First, Southern construction projects may be smaller. Second, weather patterns conducive to year-round work are more prevalent in the South. Finally, the existence of a large, nonunion labor force probably

encourages labor intensive techniques. Significant changes in the application of advanced techniques in the South could bring a substantial reduction in the overall level of construction employment, with little or no change in total output.

Table 5. On-site Man-hour Requirements per \$1,000 of Contract Cost, by Region <sup>1/</sup>

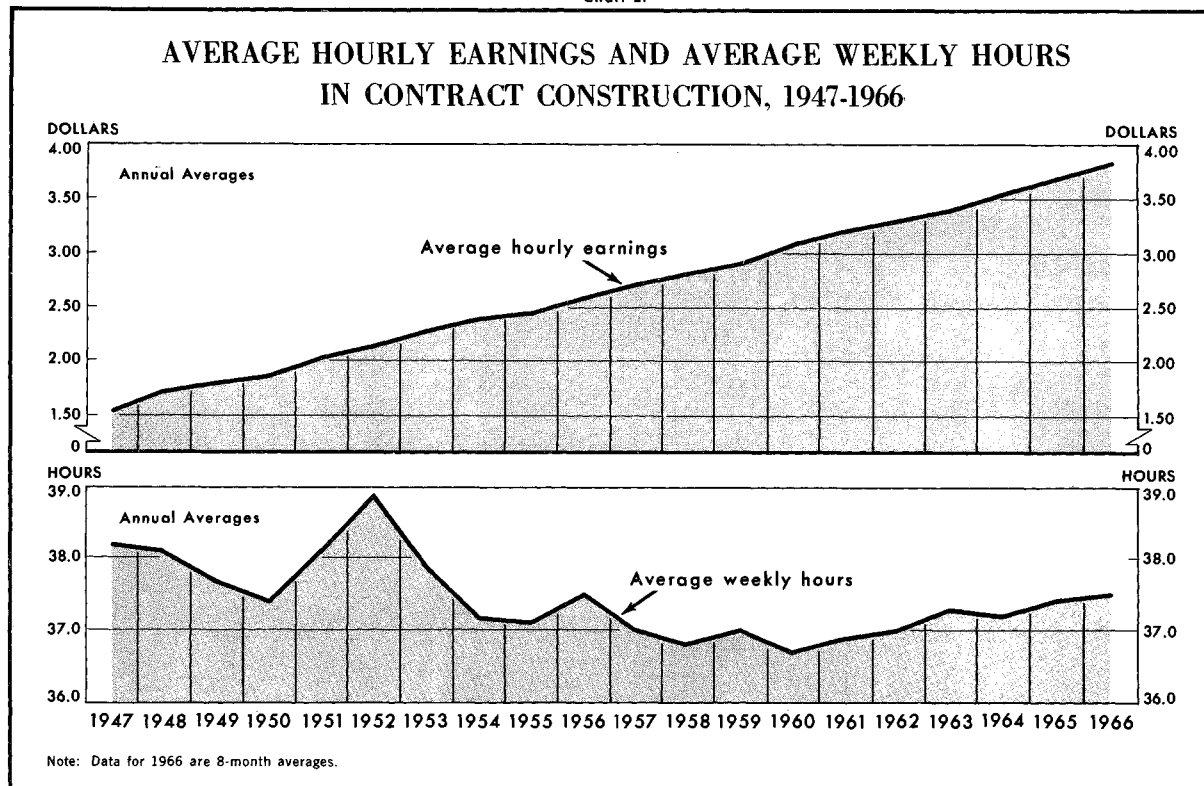
Project	Northeast	North Central	South	West
Schools.....	76.0	82.6	99.0	80.6
Hospitals.....	91.4	85.0	95.3	81.1
Federal office buildings.....	110.4	100.2	96.0	89.2
Public housing.....	95.9	106.0	142.1	98.4
College housing.....	85.0	86.9	111.5	84.3
Private one-family housing....	73.5	61.4	91.4	56.8

<sup>1/</sup> These data summarize several studies made between 1959 and 1963. See Claiborne M. Ball, "Employment Effects of Construction Expenditures," *Monthly Labor Review*, February 1965, pp. 154-158.

### Hours and Earnings of Construction Workers

In 1965, the weekly earnings of construction workers averaged \$138, a rise of \$79 from 1947. In 1957-59 dollars, the increase amounted to a 65 percent rise. Over the same period, average weekly hours showed a net decline of 1 hour to 37.4 hours in 1965 (chart 2). The average hourly earnings of construction workers, increased steadily, rising from \$1.54 to \$3.69 between 1947 and 1965.

Chart 2.



Weekly earnings in construction are among the highest in all of the goods-producing industries. The high levels of weekly and hourly earnings are frequently attributed to the high degree of seasonality in the industry. Since 1960, average hourly earnings in construction have risen at an annual rate of 3.6 percent, while average hourly earnings in manufacturing rose at an annual rate of 3.0 percent.

Among the three component industries, hourly earnings increased smoothly and at about the same rate through the postwar period. Special trades employment had the highest average hourly earnings, \$3.94 an hour in 1965. Earnings for production workers in general building were \$3.55 an hour. Heavy construction earnings, at \$3.38 an hour, were the lowest for the construction industries but higher than in most other industries.

The dispersion of hours levels among the three component industries reflects partially the influence of weather. Heavy construction, with all outdoor work, is most affected by the weather. During the weeks worked in 1965, the workweek in this component averaged 40.8 hours--3.4 hours above those of the industry as a whole due to the highly truncated work season. Hours in special trades industries and general building averaged 36.8 and 36.1, respectively. Whereas special trade and general building have shown a general trend of declining hours, the workweek in heavy construction has remained the same over the postwar period.

Table 6. Average Hours and Earnings of Construction Workers, 1947 and 1965

Type of contractor	Average hourly earnings		Average weekly hours		Average weekly earnings	
	1965	1947	1965	1947	1965	1947
Contract construction.....	\$3.69	\$1.54	37.4	38.2	\$138.01	\$58.87
General building contractors..	3.55	1.50	36.1	37.0	128.16	55.54
Heavy construction.....	3.38	1.38	40.8	40.0	137.90	55.20
Special trade contractors.....	3.94	1.65	36.8	38.7	144.99	63.74

#### Seasonality in Construction Employment

In recent years, there have been several innovations which permit more winter construction work. Prominent among these are: the use of polyethylene sheets to enclose work areas and to protect workers from the elements, chemical additives which allow concrete to be poured at lower temperatures, and the development of rubber-tired construction equipment capable of operating on adverse ground areas. These developments could reduce the seasonal pattern of construction activity and, consequently, of construction employment. Nevertheless, there has been a moderate but steady increase in the seasonal swings of construction employment. This increase can not be attributed to shifts in construction among regions or to shifts in types of construction.

Currently, cost factors and custom call for projects to be started in the spring and to be completed primarily during favorable weather. A few factors--including unusually high construction activity and abnormal shortages in skilled occupations which delay projects already underway--might tend toward increased employment in the winter months, but the lack of extensive experience under these conditions precludes detailed analysis.

Apparently, the increasing possibility and practicality of winter work have not made it economical in comparison with summer work; it is only economical as compared with past winters. Each contractor tries to do as much work as possible in the

warmer months because it costs him less. For the industry as a whole, however, some of these savings are offset by the increased cost of unemployment insurance. In spite of the higher rates of unemployment insurance, the industry still costs the insurance program considerably more than it pays into the fund. Thus, other more stable industries subsidize unemployment payments to construction workers.

### Employment Outlook

The employment outlook for contract construction is very promising. Employment requirements are expected to rise by more than one-third to more than 4 million in 1975.<sup>6</sup>

According to the latest assessment of the technological effects on employment in the construction industry, "the effects on employment will be more than offset by the anticipated increases in growth in construction."<sup>7</sup> Standardization of the dimensions of construction materials, prefabrication, new and improved materials, and new scheduling techniques all contribute to the continuous advance of technological change in the construction industry. These developments portend strong increases in some special trades, while employment in other occupations declines or remains stable. The reductions may not be restricted to the unskilled occupations. For example, "mainly because of longer-lasting, easier to apply paints and off-site preparation of materials," the employment of painters and carpenters is expected to increase less than that of most skilled workers. At the same time, the employment of lesser skilled helpers, tenders, and laborers who load and unload materials at the work site is not expected to increase significantly in the future.

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<sup>6</sup>For a detailed discussion see America's Industrial and Manpower Requirements 1964-75, U. S. Department of Labor, Bureau of Labor Statistics.

<sup>7</sup>Technological Changes in Major American Industries, Bulletin 1474, U. S. Department of Labor, Bureau of Labor Statistics, February 1966.

Chart 1.

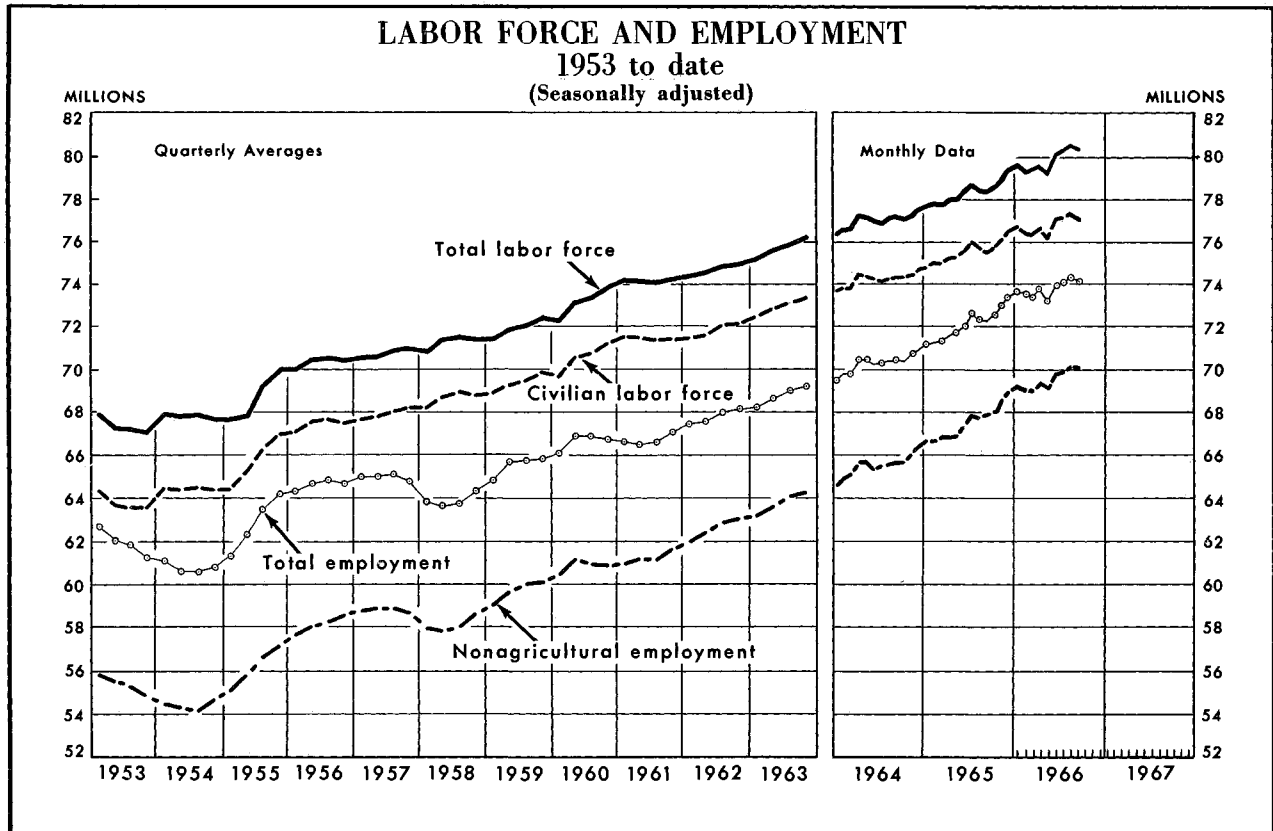


Chart 2.

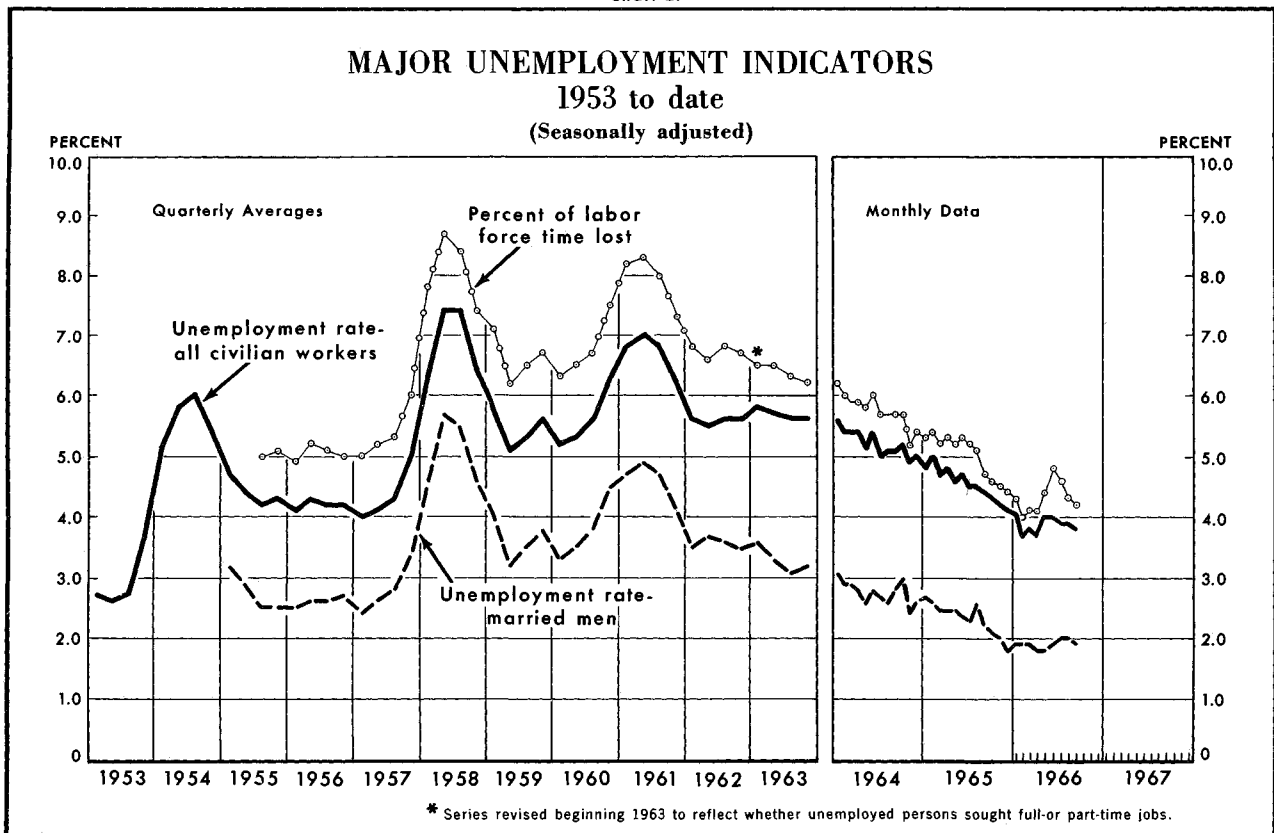




Chart 3.

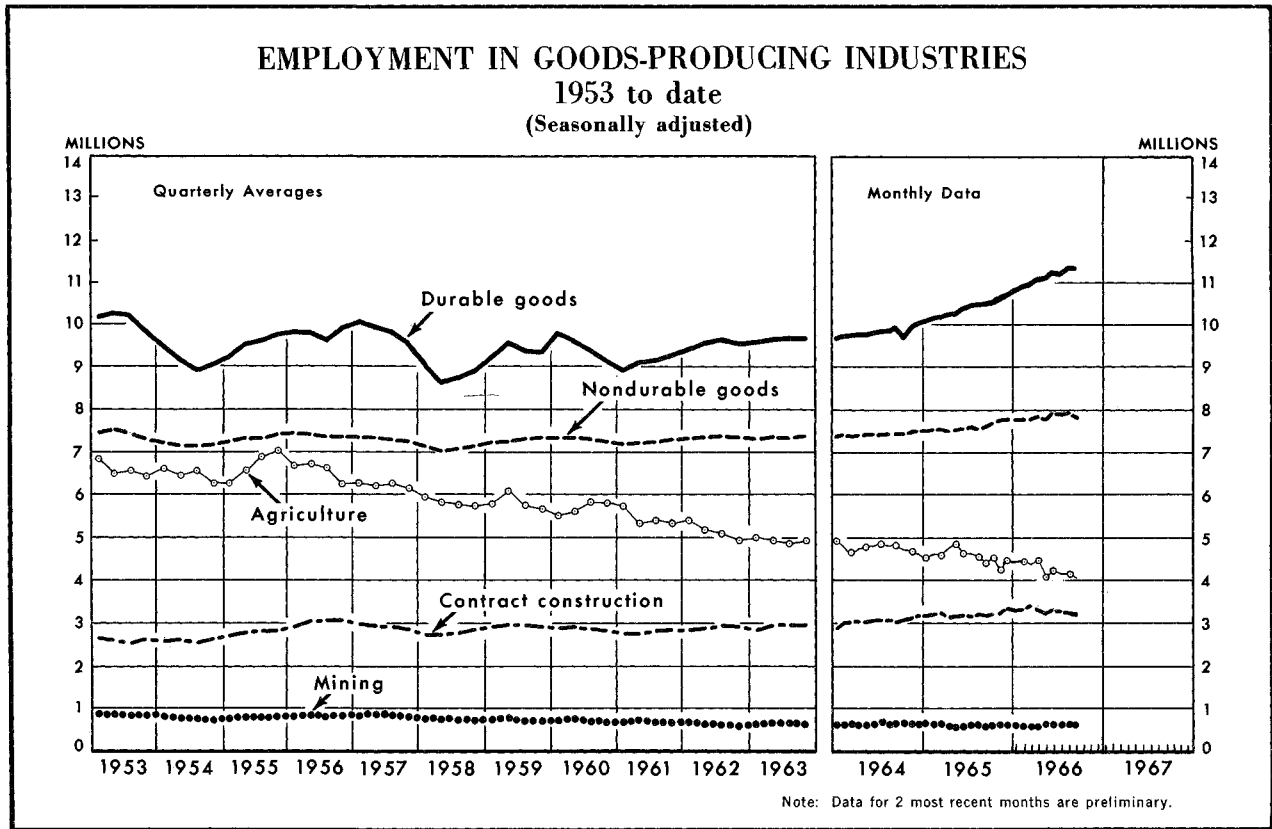


Chart 4.

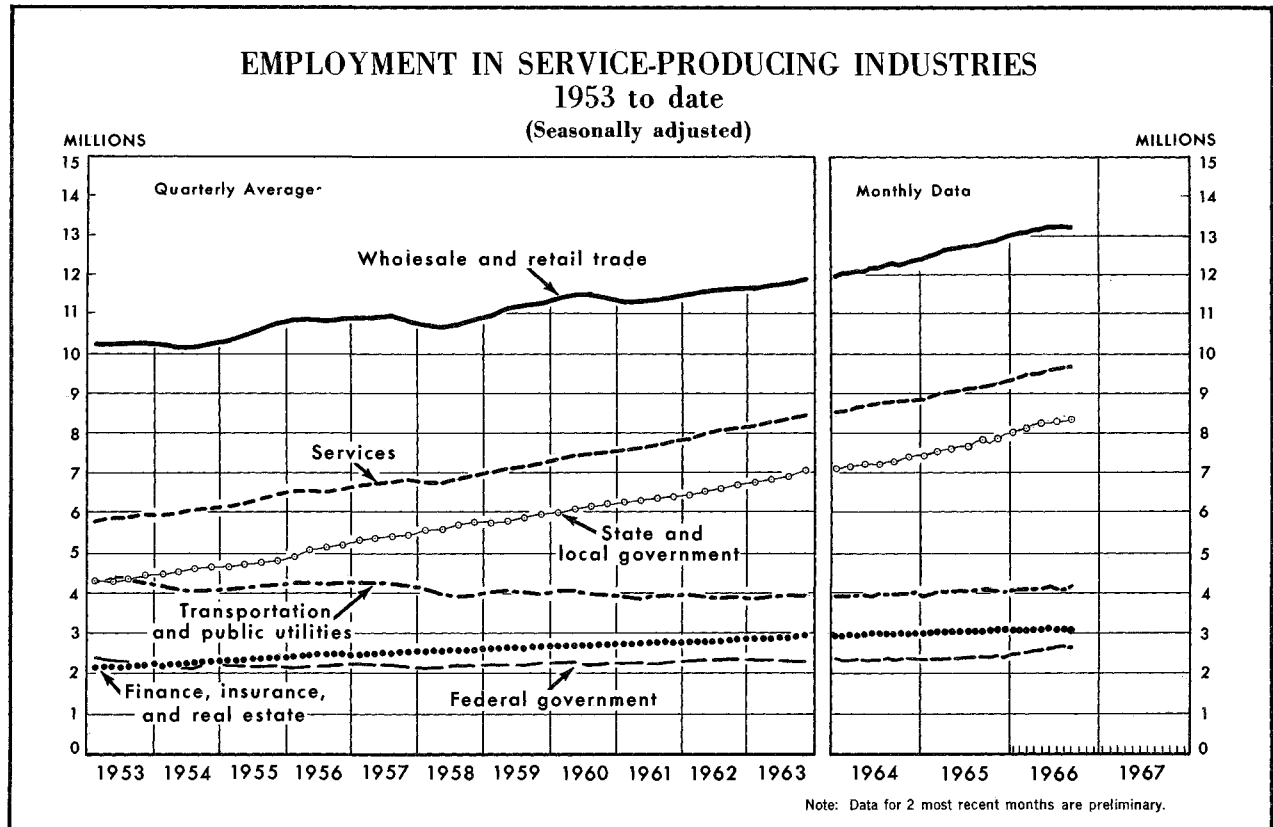


Chart 5.

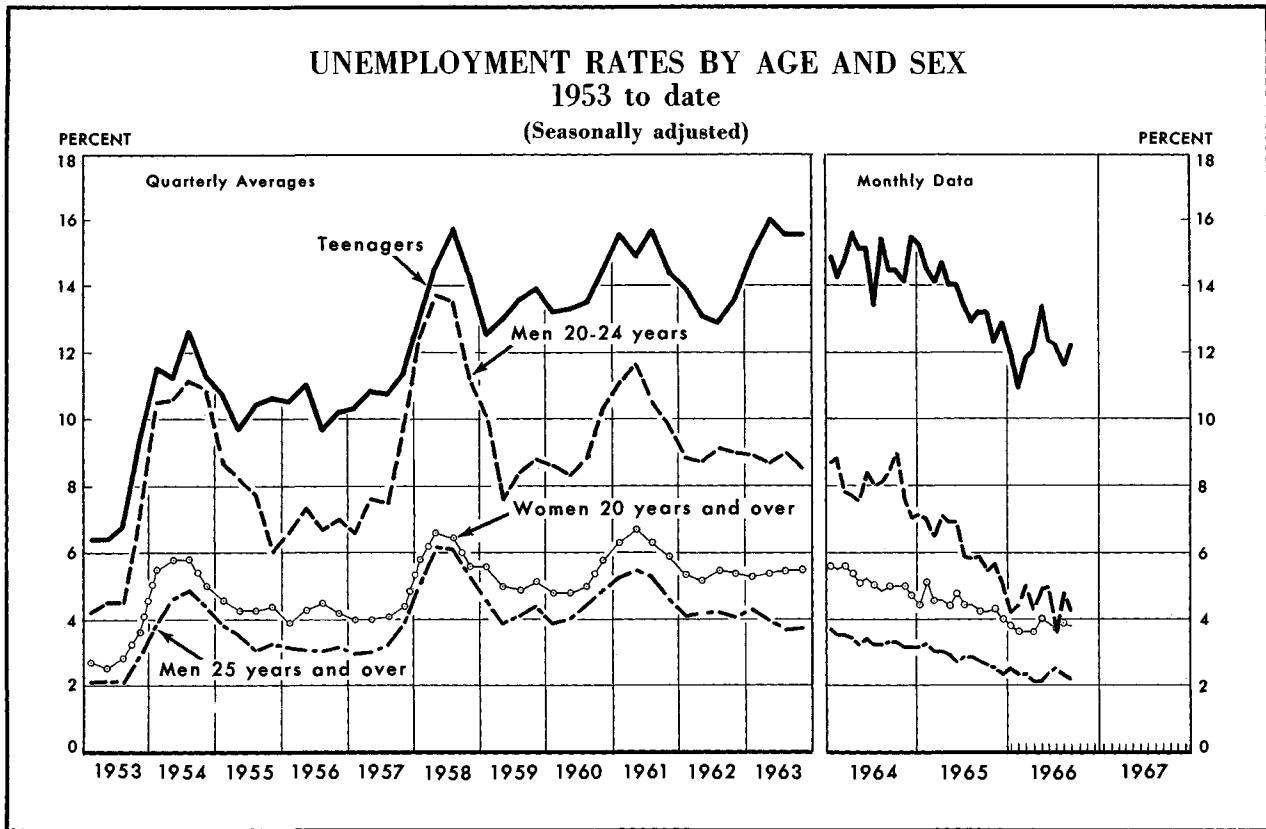


Chart 6.

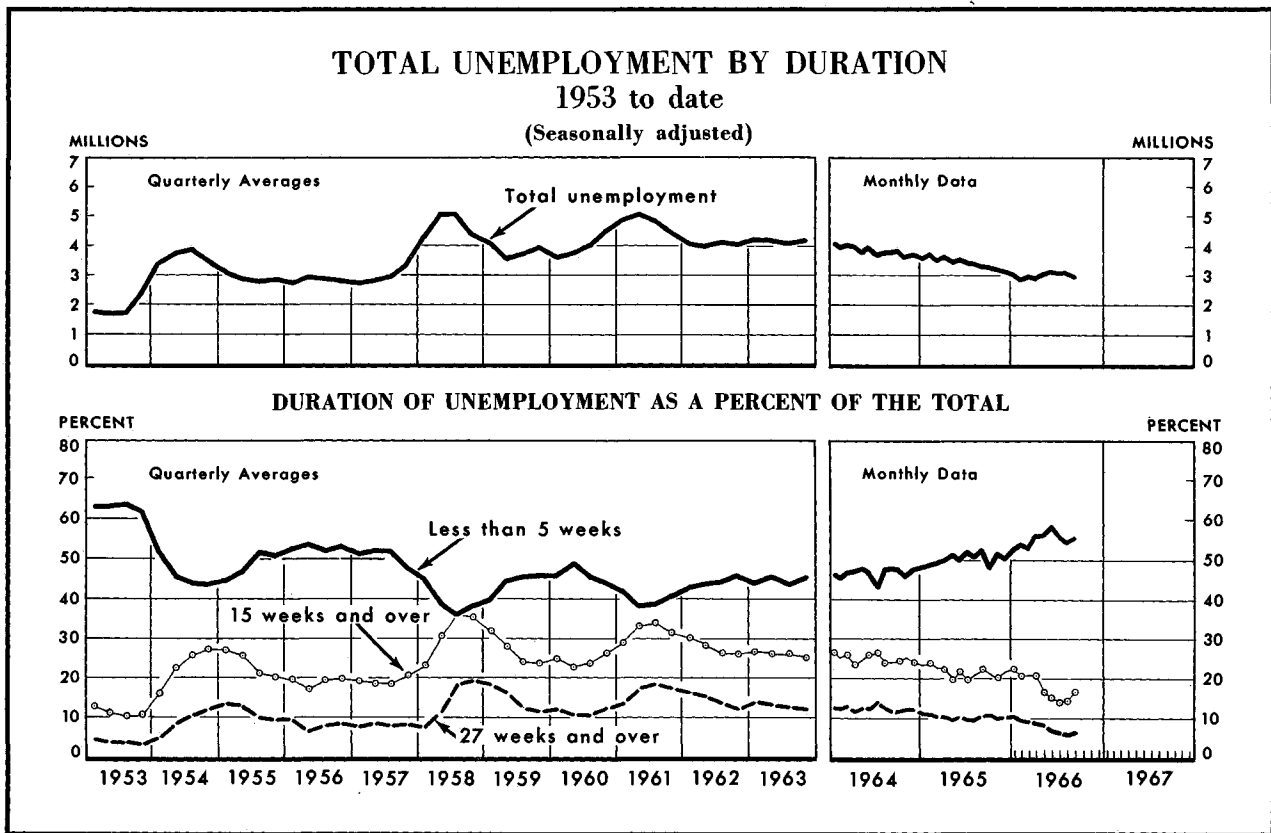


Chart 7.

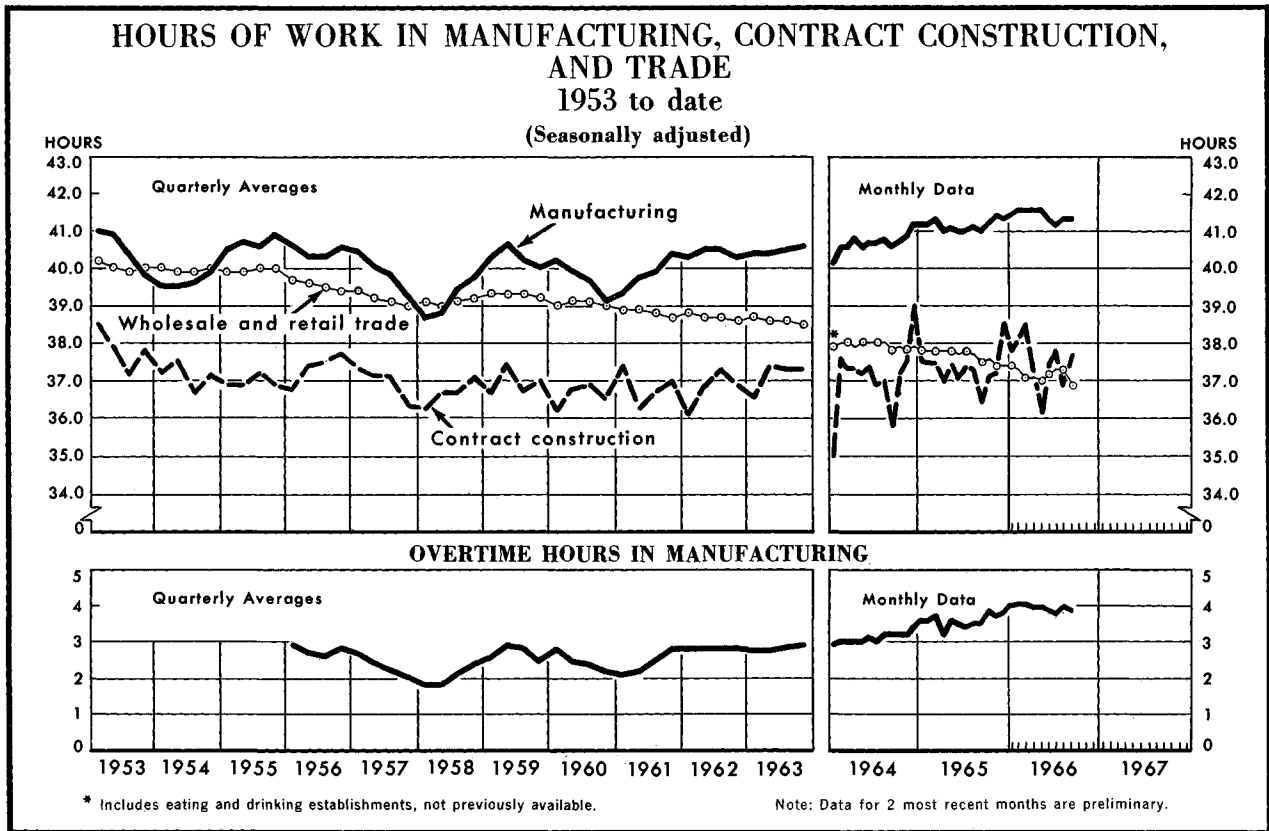


Chart 8.

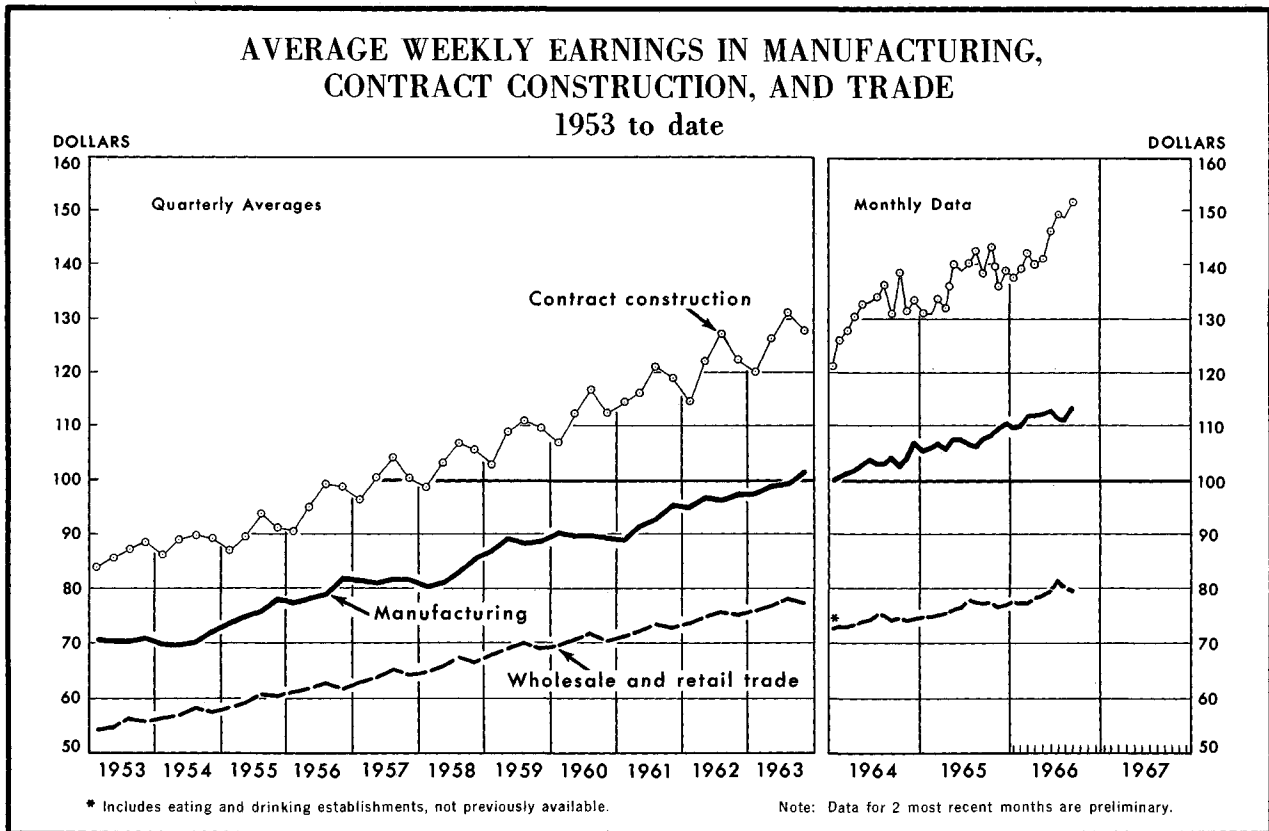


Chart 9.

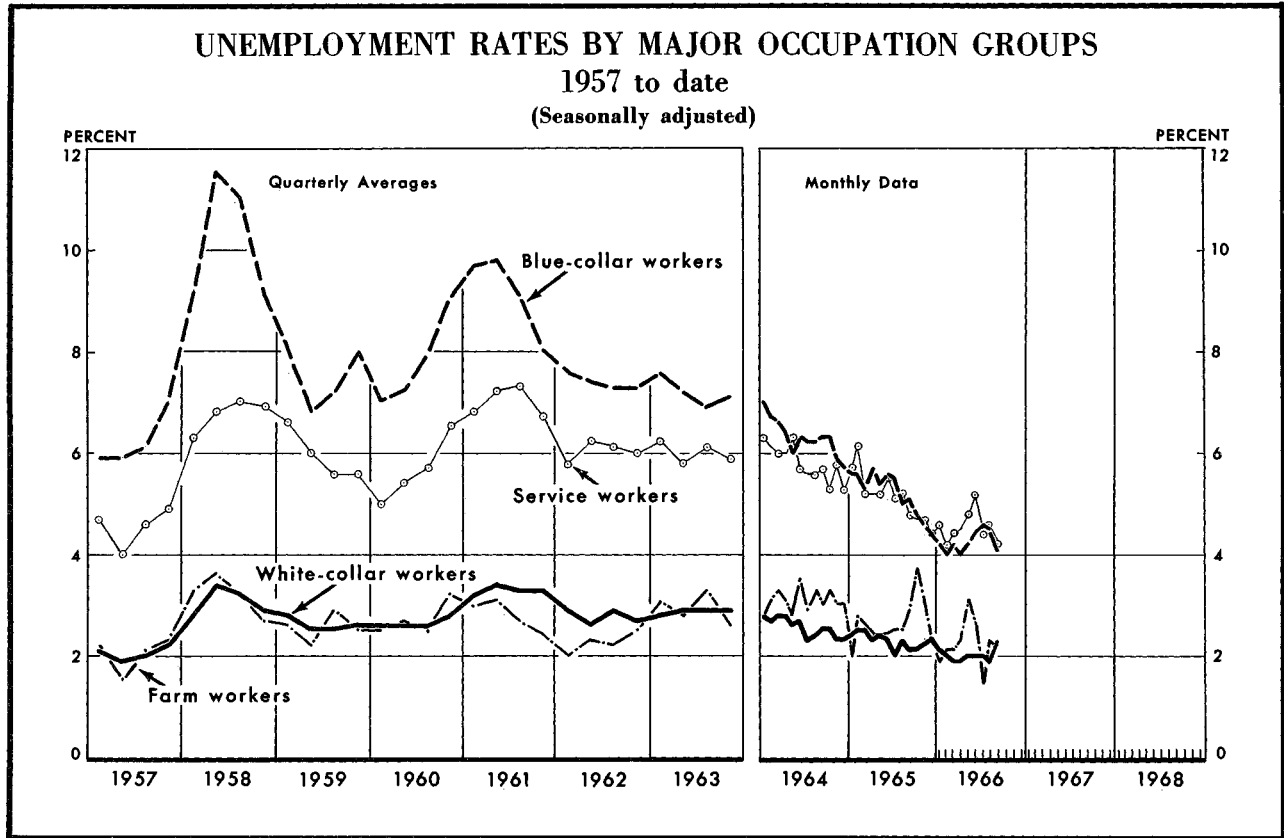


Chart 10.

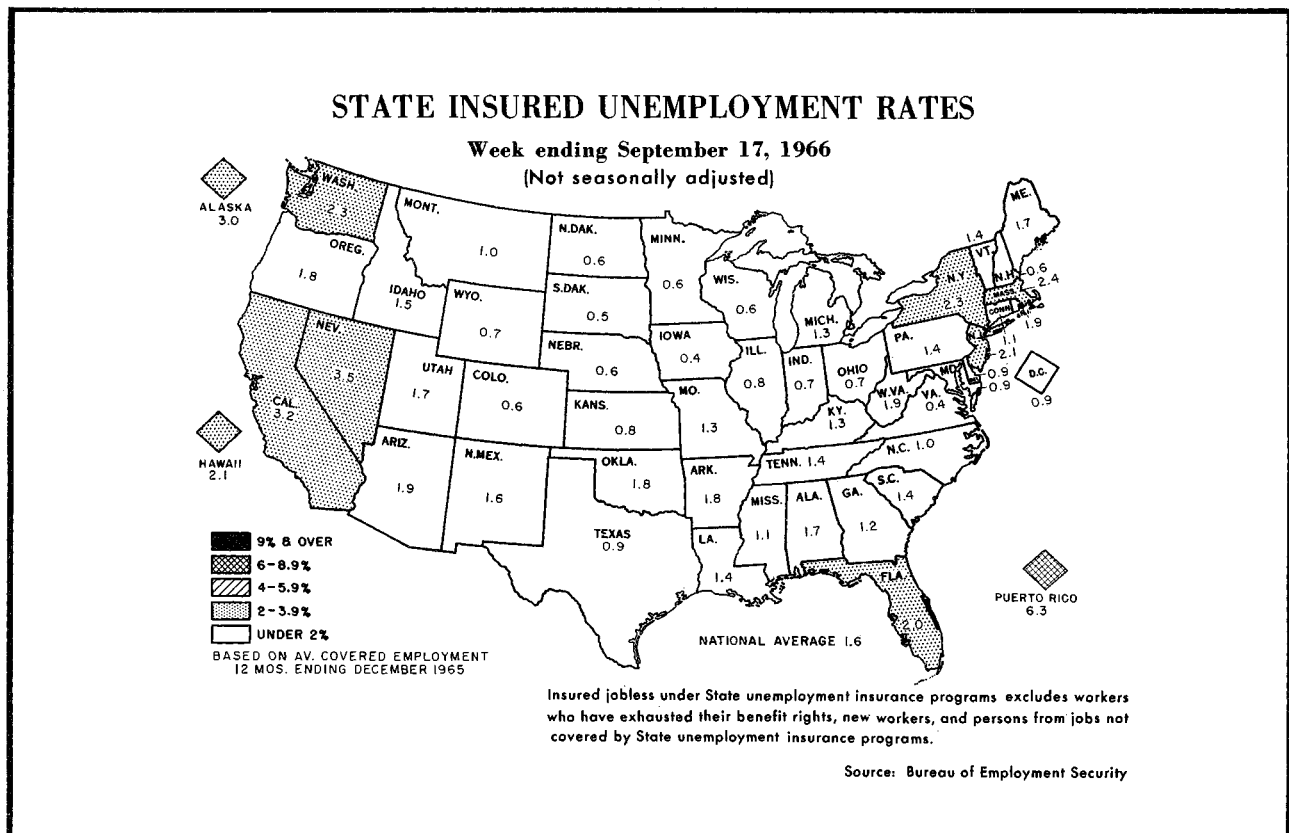
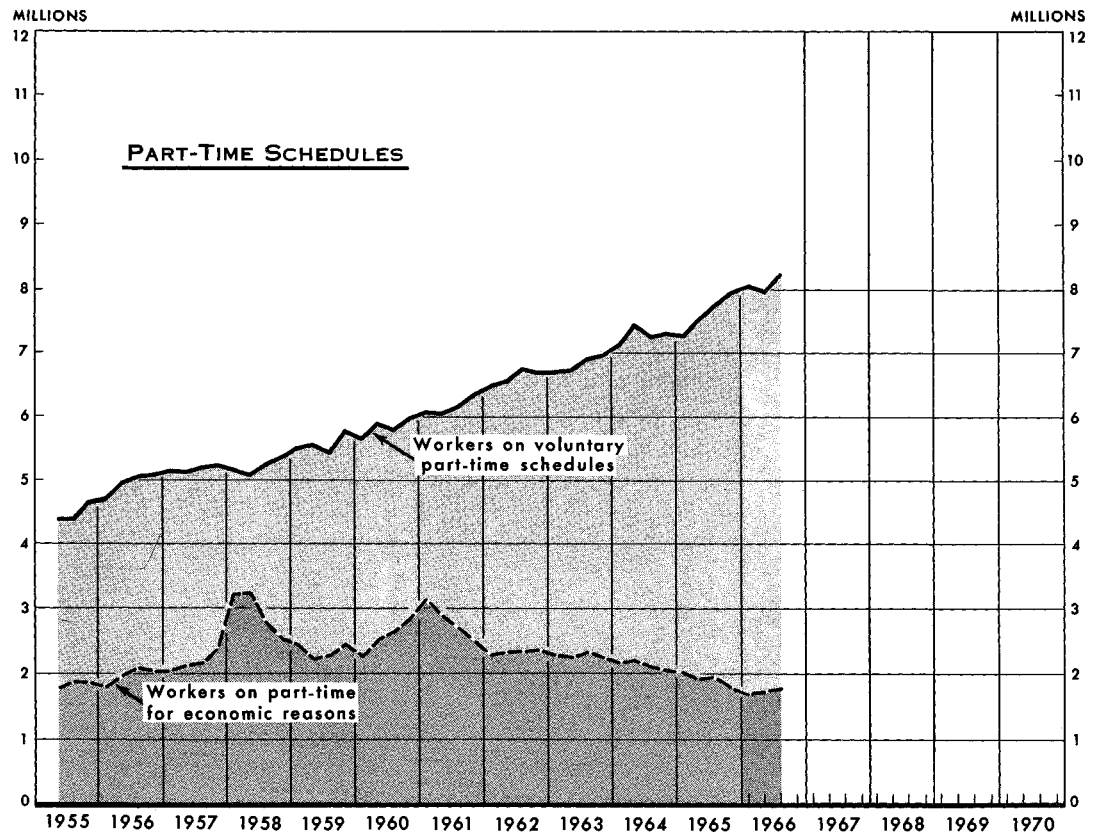
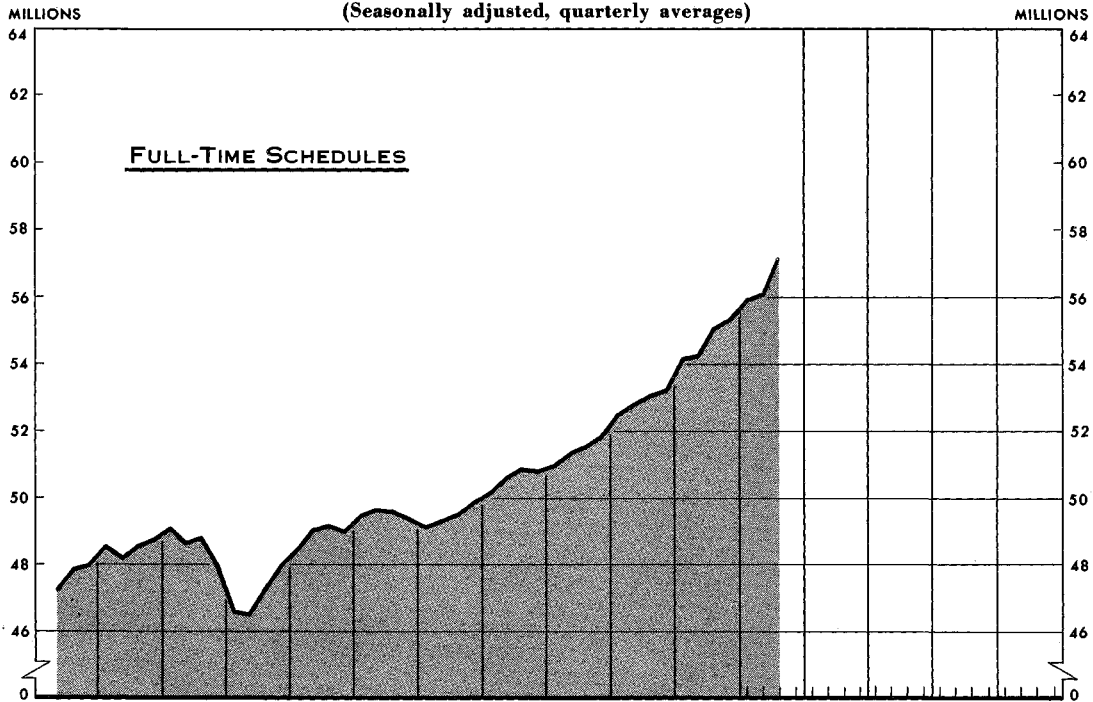


Chart 11.

# PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES BY FULL- AND PART-TIME STATUS 1955 to date

(Seasonally adjusted, quarterly averages)



### EMPLOYMENT IN NONFARM OCCUPATIONS 1957 to date (Seasonally adjusted quarterly averages)

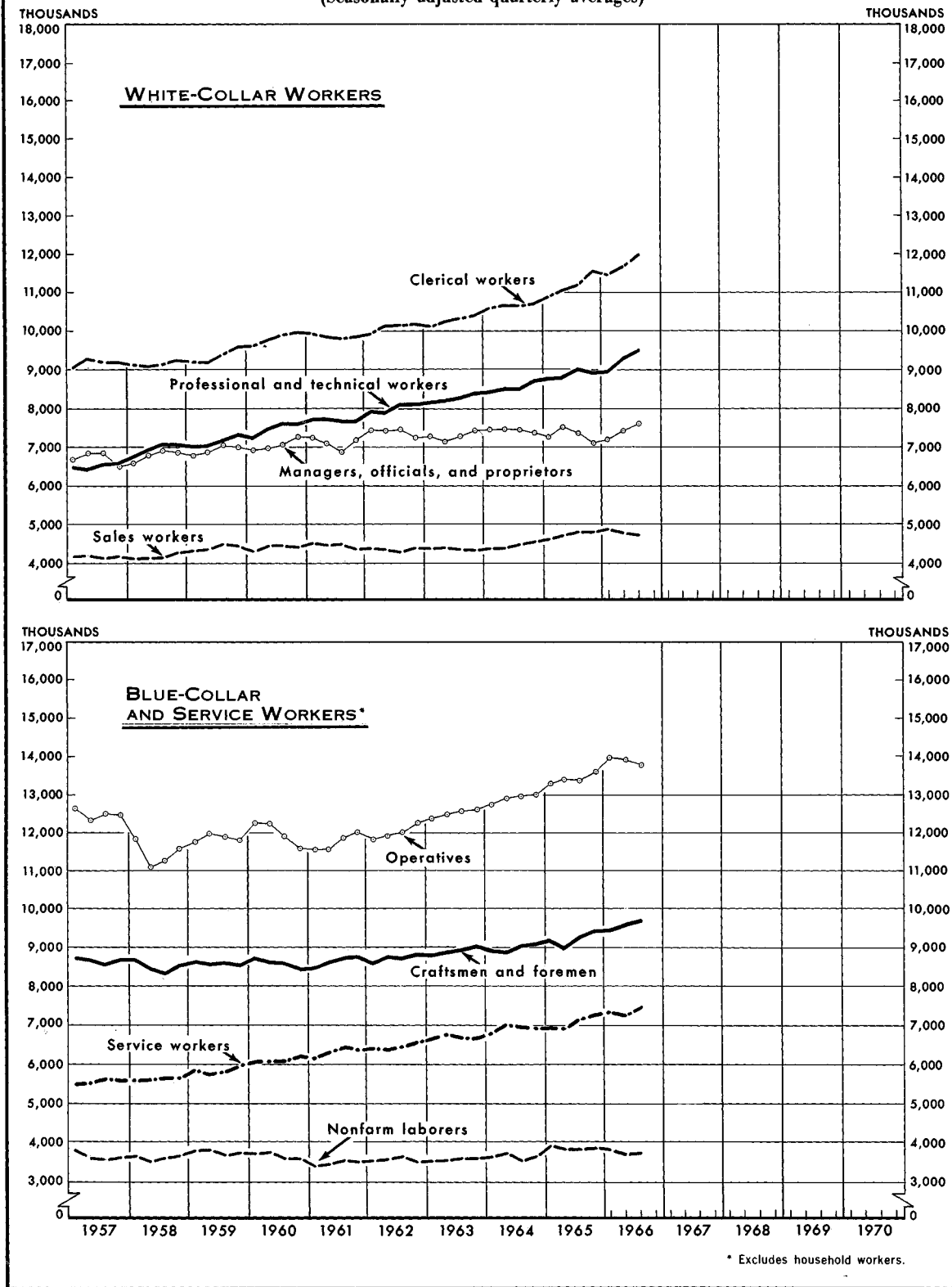


Chart 13.

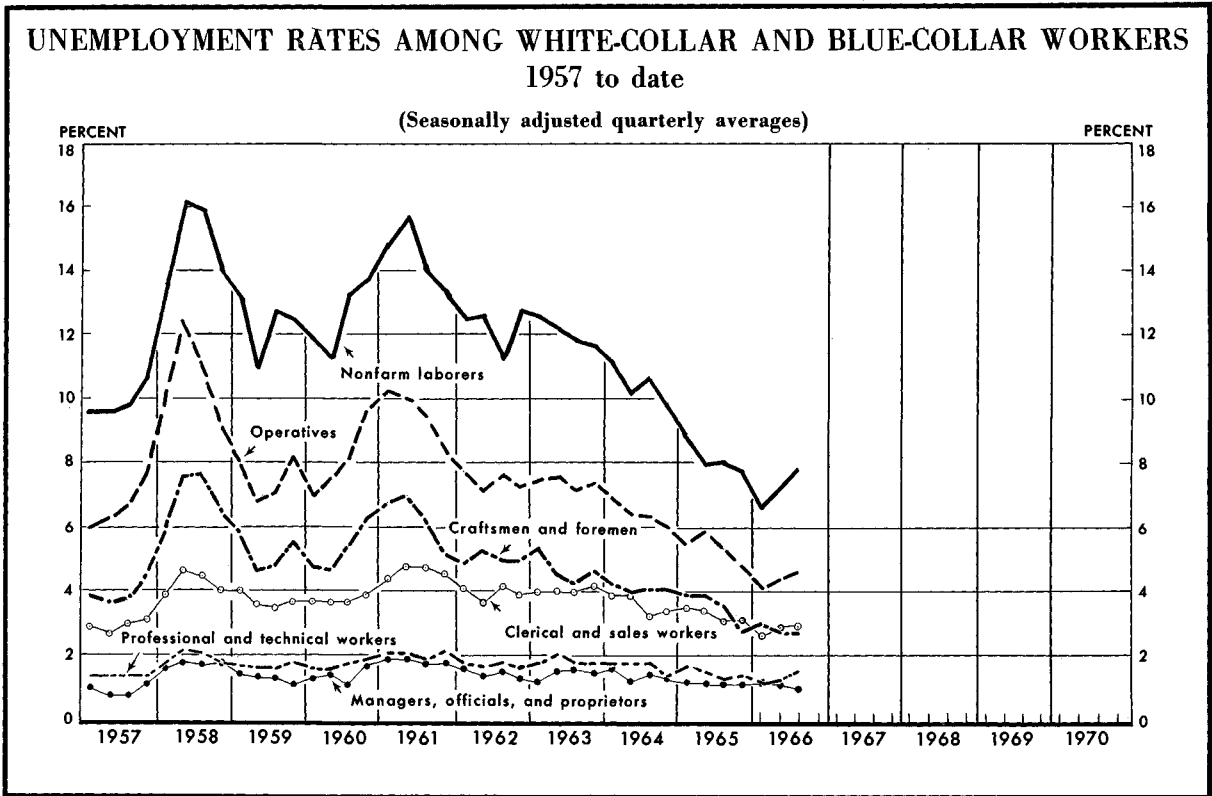
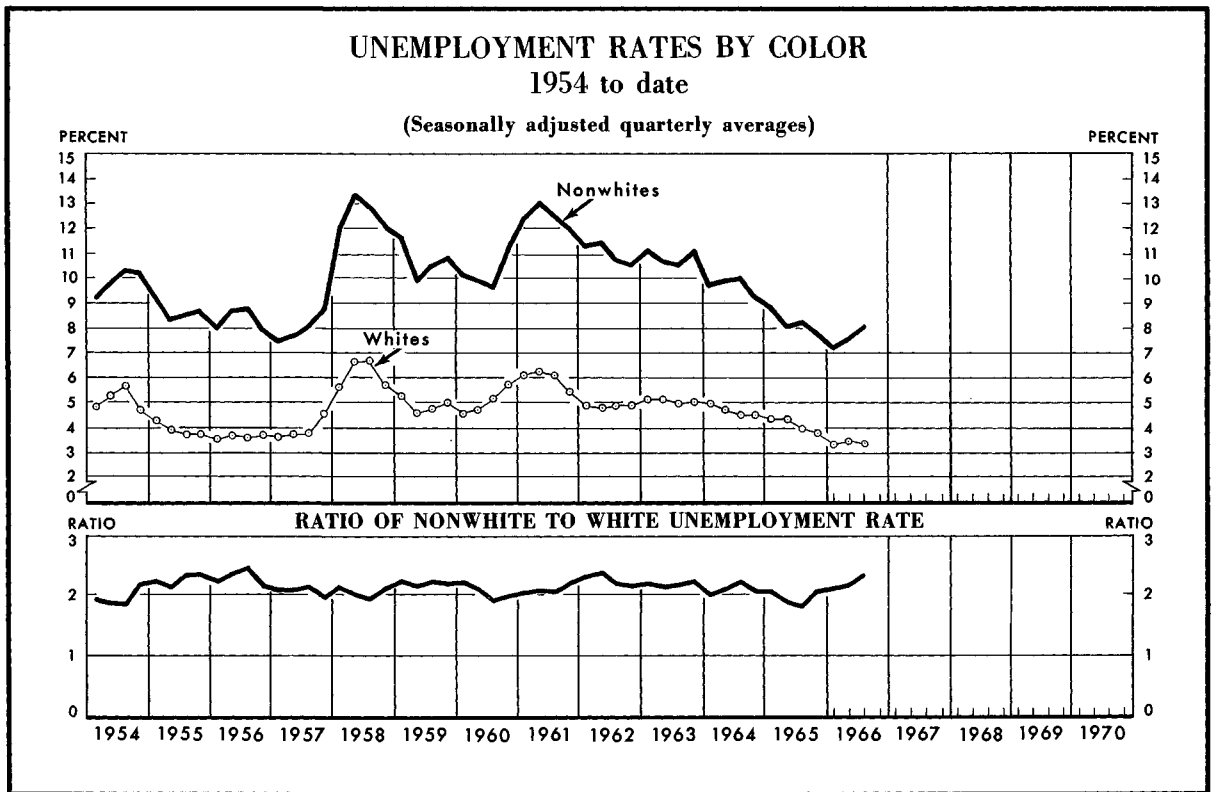


Chart 14.



HOUSEHOLD DATA

Table A-1: Employment status of the noninstitutional population 14 years and over, 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 <sup>1</sup>			Unemployed <sup>1</sup>			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
1929.....	(2)	49,440	(2)	49,180	47,630	10,450	37,180	1,550	3.2	-	(2)
1930.....	(2)	50,080	(2)	49,820	45,480	10,340	35,140	4,340	8.7	-	(2)
1931.....	(2)	50,680	(2)	50,420	42,400	10,290	32,110	8,020	15.9	-	(2)
1932.....	(2)	51,250	(2)	51,000	38,940	10,170	28,770	12,060	23.6	-	(2)
1933.....	(2)	51,840	(2)	51,590	38,760	10,090	28,670	12,830	24.9	-	(2)
1934.....	(2)	52,490	(2)	52,230	40,890	9,900	30,990	11,340	21.7	-	(2)
1935.....	(2)	53,140	(2)	52,870	42,260	10,110	32,150	10,610	20.1	-	(2)
1936.....	(2)	53,740	(2)	53,440	44,410	10,000	34,410	9,030	16.9	-	(2)
1937.....	(2)	54,320	(2)	54,000	46,300	9,820	36,480	7,700	14.3	-	(2)
1938.....	(2)	54,950	(2)	54,610	44,220	9,690	34,530	10,390	19.0	-	(2)
1939.....	(2)	55,600	(2)	55,230	45,750	9,610	36,140	9,480	17.2	-	(2)
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
1948.....	108,632	62,898	57.9	61,442	59,117	7,960	51,156	2,325	3.8	-	45,733
1949.....	109,773	63,721	58.0	62,105	58,423	8,017	50,406	3,682	5.9	-	46,051
1950.....	110,929	64,749	58.4	63,099	59,748	7,497	52,251	3,351	5.3	-	46,181
1951.....	112,075	65,983	58.9	62,884	60,784	7,048	53,736	2,099	3.1	-	46,092
1952.....	113,270	66,560	58.8	62,966	61,035	6,792	54,243	1,932	3.3	-	46,710
1953 <sup>3</sup> .....	115,094	67,362	58.5	63,815	61,945	6,555	55,390	1,870	2.9	-	47,732
1954.....	116,219	67,818	58.4	64,468	60,890	6,495	54,395	3,578	5.6	-	48,401
1955.....	117,388	68,896	58.7	65,848	62,944	6,718	56,225	2,904	4.4	-	48,492
1956.....	118,734	70,387	59.3	67,530	64,708	6,572	58,135	2,822	4.2	-	48,348
1957.....	120,445	70,744	58.7	67,946	65,011	6,222	58,789	2,936	4.3	-	49,699
1958.....	121,950	71,284	58.5	68,647	63,966	5,844	58,122	4,681	6.8	-	50,666
1959.....	123,366	71,946	58.3	69,394	65,581	5,836	59,745	3,813	5.5	-	51,420
1960 <sup>4</sup> .....	125,368	73,126	58.3	70,612	66,681	5,723	60,958	3,931	5.6	-	52,242
1961.....	127,892	74,175	58.0	71,603	66,796	5,463	61,333	4,806	6.7	-	53,677
1962 <sup>5</sup> .....	130,081	74,681	57.4	71,894	67,846	5,190	62,657	4,007	5.6	-	55,400
1963.....	132,124	75,712	57.3	72,975	68,809	4,946	63,863	4,166	5.7	-	56,412
1964.....	134,143	76,971	57.4	74,233	70,357	4,761	65,596	3,876	5.2	-	57,172
1965.....	136,241	78,357	57.5	75,635	72,179	4,585	67,594	3,456	4.6	-	57,884
1965: September...	136,670	78,044	57.1	75,321	72,446	4,778	67,668	2,875	3.8	4.4	58,626
1966: January.....	137,394	77,409	56.3	74,519	71,229	3,577	67,652	3,290	4.4	3.9	59,985
February.....	137,562	77,632	56.4	74,708	71,551	3,612	67,939	3,158	4.2	3.7	59,990
March.....	137,741	78,034	56.7	75,060	72,023	3,780	68,244	3,037	4.0	3.8	59,707
April.....	137,908	78,914	57.2	75,906	73,105	4,204	68,900	2,802	3.7	3.7	58,994
May.....	138,100	79,751	57.7	76,706	73,764	4,292	69,472	2,942	3.8	4.0	58,349
June.....	138,275	82,700	59.8	79,601	75,731	5,187	70,543	3,870	4.9	4.0	55,575
July.....	138,444	82,771	59.8	79,636	76,411	5,010	71,402	3,225	4.0	3.9	55,673
August.....	138,648	82,468	59.6	79,290	76,369	4,707	71,662	2,921	3.7	3.9	56,180
September.....	138,839	80,052	57.7	76,823	74,251	4,373	69,878	2,573	3.3	3.8	58,787

<sup>1</sup>Data for 1947-56 adjusted to reflect changes in the definition of employment and unemployment adopted in January 1957. Two groups averaging about one-quarter million workers which were formerly classified as employed (with a job but not at work)—those on temporary layoff and those waiting to start new wage and salary jobs within 30 days—were assigned to different classifications, mostly to the unemployed. Data by sex, shown in table A-2, were adjusted for the years 1948-56.

<sup>2</sup>Not available.

<sup>3</sup>Beginning 1953, labor force and employment figures are not strictly comparable with previous years as a result of the introduction of material from the 1950 Census into the estimating procedure. Population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for total and males. Other categories were relatively unaffected.

<sup>4</sup>Data include Alaska and Hawaii beginning 1960 and are therefore not strictly comparable with previous years. This inclusion has resulted in an increase of about half a million in the noninstitutional population 14 years of age and over, and about 300,000 in the labor force, four-fifths of this in nonagricultural employment. The levels of other labor force categories were not appreciably changed.

<sup>5</sup>Figures for periods prior to April 1962 are not strictly comparable with current data because of the introduction of 1960 Census data into the estimation procedure. The change primarily affected the labor force and employment totals, which were reduced by about 200,000. The unemployment totals were virtually unchanged.

NOTE: Data for 1929-39 based on sources other than direct enumeration.



# HOUSEHOLD DATA

Table A-2: Employment status of the noninstitutional population 14 years and over, by sex, 1940, 1944, and 1947 to date

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed <sup>1</sup>			Unemployed <sup>1</sup>		Percent of labor force	
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
MALE											
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060
1944.....	51,980	46,670	89.8	35,460	35,110	7,020	28,090	350	1.0	-	5,310
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457
1951.....	54,996	46,674	84.9	43,612	42,362	5,791	36,571	1,250	2.9	-	8,322
1952.....	55,503	47,001	84.7	43,454	42,237	5,623	36,614	1,217	2.8	-	8,502
1953 <sup>2</sup> .....	56,534	47,692	84.4	44,194	42,966	5,496	37,470	1,228	2.8	-	8,840
1954.....	57,016	47,847	83.9	44,537	42,165	5,429	36,736	2,372	5.3	-	9,169
1955.....	57,484	48,054	83.6	45,041	43,152	5,479	37,673	1,889	4.2	-	9,430
1956.....	58,044	48,579	83.7	45,756	43,999	5,268	38,731	1,757	3.8	-	9,465
1957.....	58,813	48,649	82.7	45,882	43,990	5,037	38,952	1,893	4.1	-	10,164
1958.....	59,478	48,802	82.1	46,197	43,042	4,802	38,240	3,155	6.8	-	10,677
1959.....	60,100	49,081	81.7	46,562	44,089	4,749	39,340	2,473	5.3	-	11,019
1960 <sup>3</sup> .....	61,000	49,507	81.2	47,025	44,885	4,678	39,807	2,541	5.4	-	11,493
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,060	6.5	-	12,229
1962 <sup>4</sup> .....	63,234	50,175	79.3	47,380	44,892	4,266	40,626	2,488	5.3	-	13,059
1963.....	64,163	50,573	78.8	47,867	45,330	4,021	41,309	2,537	5.3	-	13,590
1964.....	65,065	51,118	78.6	48,410	46,139	3,884	42,255	2,271	4.7	-	13,947
1965.....	66,027	51,705	78.3	49,014	47,034	3,729	43,304	1,980	4.0	-	14,322
1965: September.....	66,235	51,398	77.6	48,706	47,199	3,763	43,436	1,507	3.1	3.9	14,837
1966: January.....	66,563	50,778	76.3	47,922	45,959	3,069	42,890	1,963	4.1	3.4	15,785
February.....	66,638	50,911	76.4	48,021	46,112	3,098	43,014	1,909	4.0	3.2	15,727
March.....	66,718	51,180	76.7	48,240	46,393	3,225	43,168	1,847	3.8	3.4	15,539
April.....	66,792	51,748	77.5	48,773	47,217	3,533	43,684	1,556	3.2	3.1	15,044
May.....	66,879	52,135	78.0	49,123	47,586	3,496	44,090	1,537	3.1	3.3	14,744
June.....	66,956	54,405	81.3	51,340	49,330	4,048	45,282	2,010	3.9	3.4	12,551
July.....	67,032	54,599	81.5	51,498	49,773	3,893	45,880	1,725	3.3	3.4	12,433
August.....	67,122	54,283	80.9	51,138	49,648	3,731	45,917	1,489	2.9	3.3	12,839
September.....	67,208	52,074	77.5	48,878	47,611	3,459	44,152	1,266	2.6	3.3	15,135
FEMALE											
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140
1944.....	52,650	19,370	36.8	19,370	18,830	1,930	16,920	320	1.7	-	33,280
1947.....	54,523	16,915	31.0	16,896	16,349	1,314	15,036	547	3.2	-	37,608
1948.....	55,118	17,599	31.9	17,583	16,348	1,338	15,510	735	4.1	-	37,520
1949.....	55,745	18,048	32.4	18,030	16,947	1,386	15,961	1,083	6.0	-	37,697
1950.....	56,404	18,680	33.1	18,657	17,584	1,226	16,358	1,073	5.8	-	37,724
1951.....	57,078	19,309	33.8	19,272	18,421	1,257	17,164	851	4.4	-	37,770
1952.....	57,766	19,558	33.9	19,513	18,798	1,170	17,628	715	3.7	-	38,208
1953 <sup>2</sup> .....	58,561	19,668	33.6	19,621	18,979	1,061	17,918	642	3.3	-	38,893
1954.....	59,203	19,971	33.7	19,931	18,724	1,067	17,657	1,207	6.1	-	39,232
1955.....	59,904	20,842	34.8	20,806	19,790	1,239	18,551	1,016	4.9	-	39,062
1956.....	60,690	21,808	35.9	21,774	20,707	1,306	19,401	1,067	4.9	-	38,883
1957.....	61,632	22,097	35.9	22,064	21,021	1,184	19,837	1,043	4.7	-	39,535
1958.....	62,472	22,482	36.0	22,451	20,924	1,042	19,882	1,526	6.8	-	39,990
1959.....	63,265	22,865	36.1	22,832	21,492	1,087	20,405	1,340	5.9	-	40,401
1960 <sup>3</sup> .....	64,368	23,619	36.7	23,587	22,196	1,045	21,151	1,390	5.9	-	40,749
1961.....	65,705	24,257	36.9	24,225	22,478	955	21,523	1,747	7.2	-	41,448
1962 <sup>4</sup> .....	66,848	24,507	36.7	24,474	22,954	924	22,031	1,519	6.2	-	42,341
1963.....	67,962	25,141	37.0	25,109	23,479	925	22,554	1,629	6.5	-	42,822
1964.....	69,079	25,854	37.4	25,823	24,218	877	23,341	1,605	6.2	-	43,225
1965.....	70,215	26,653	38.0	26,621	25,145	856	24,289	1,476	5.5	-	43,562
1965: September.....	70,434	26,646	37.8	26,615	25,246	1,015	24,232	1,368	5.1	5.3	43,788
1966: January.....	70,831	26,631	37.6	26,597	25,271	508	24,762	1,327	5.0	4.9	44,200
February.....	70,924	26,721	37.7	26,687	25,438	514	24,924	1,249	4.7	4.6	44,203
March.....	71,023	26,855	37.8	26,821	25,630	555	25,075	1,190	4.4	4.6	44,168
April.....	71,117	27,166	38.2	27,133	25,888	671	25,216	1,245	4.6	4.8	43,950
May.....	71,221	27,617	38.8	27,584	26,179	797	25,382	1,405	5.1	5.2	43,604
June.....	71,319	28,295	39.7	28,261	26,401	1,139	25,262	1,860	6.6	5.1	43,024
July.....	71,413	28,172	39.4	28,138	26,638	1,117	25,522	1,500	5.3	4.9	43,240
August.....	71,527	28,186	39.4	28,153	26,720	976	25,745	1,432	5.1	5.1	43,341
September.....	71,632	27,980	39.1	27,946	26,639	914	25,726	1,306	4.7	4.8	43,652

<sup>1</sup>See footnote 1, table A-1. <sup>2</sup>See footnote 3, table A-1. <sup>3</sup>See footnote 4, table A-1. <sup>4</sup>See footnote 5, table A-1.

# HOUSEHOLD DATA

**Table A-3: Employment status of the noninstitutional population 14 years and over, by sex and color**

(In thousands)

Employment status	Total			Male			Female		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>Total</b> . . . . .	138,839	138,648	136,670	67,208	67,122	66,235	71,632	71,527	70,434
<b>Total labor force</b> . . . . .	80,052	82,468	78,044	52,074	54,283	51,398	27,980	28,186	26,646
<b>Civilian labor force</b> . . . . .	76,823	79,290	75,321	48,878	51,138	48,706	27,946	28,153	26,615
<b>Employed</b> . . . . .	74,251	76,369	72,446	47,611	49,648	47,199	26,639	26,720	25,246
<b>Agriculture</b> . . . . .	4,373	4,707	4,778	3,459	3,731	3,763	914	976	1,015
<b>Nonagricultural industries</b> . . . . .	69,878	71,662	67,668	44,152	45,917	43,436	25,726	25,745	24,232
<b>Unemployed</b> . . . . .	2,573	2,921	2,875	1,266	1,489	1,507	1,306	1,432	1,368
<b>Unemployment rate</b> . . . . .	3.3	3.7	3.8	2.6	2.9	3.1	4.7	5.1	5.1
<b>Not in the labor force</b> . . . . .	58,787	56,180	58,626	15,135	12,839	14,837	43,652	43,341	43,788
<b>WHITE</b>									
<b>Total labor force</b> . . . . .	71,027	73,256	69,203	46,804	48,813	46,204	24,227	24,444	23,000
<b>Civilian labor force</b> . . . . .	68,072	70,347	66,715	43,881	45,934	43,744	24,191	24,414	22,971
<b>Employed</b> . . . . .	66,077	68,172	64,430	42,876	44,777	42,544	23,201	23,395	21,887
<b>Agriculture</b> . . . . .	3,720	4,068	3,849	3,027	3,284	3,149	693	785	700
<b>Nonagricultural industries</b> . . . . .	62,357	64,104	60,581	39,849	41,494	39,394	22,508	22,610	21,187
<b>Unemployed</b> . . . . .	1,995	2,175	2,284	1,005	1,157	1,200	990	1,019	1,084
<b>Unemployment rate</b> . . . . .	2.9	3.1	3.4	2.3	2.5	2.7	4.1	4.2	4.7
<b>Not in the labor force</b> . . . . .	53,007	50,614	52,985	13,424	11,343	13,196	39,583	39,272	39,789
<b>NONWHITE</b>									
<b>Total labor force</b> . . . . .	9,026	9,212	8,841	5,269	5,470	5,194	3,758	3,742	3,647
<b>Civilian labor force</b> . . . . .	8,751	8,943	8,606	4,997	5,204	4,962	3,755	3,739	3,644
<b>Employed</b> . . . . .	8,174	8,196	8,015	4,736	4,871	4,656	3,438	3,326	3,360
<b>Agriculture</b> . . . . .	654	638	928	433	448	614	221	191	315
<b>Nonagricultural industries</b> . . . . .	7,520	7,558	7,087	4,303	4,423	4,042	3,217	3,135	3,045
<b>Unemployed</b> . . . . .	577	746	591	261	333	306	316	413	284
<b>Unemployment rate</b> . . . . .	6.6	8.3	6.9	5.2	6.4	6.2	8.4	11.1	7.8
<b>Not in the labor force</b> . . . . .	5,780	5,566	5,641	1,710	1,496	1,642	4,070	4,070	3,999

**Table A-4: Full- and part-time status of the civilian labor force, by age and sex**

(In thousands)

Full- and part-time employment status	Total			Men, 20 years and over			Women, 20 years and over			Teenagers, 14-19 years		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>FULL TIME</b>												
<b>Civilian labor force</b> . . . . .	66,889	70,542	66,017	43,355	43,659	43,340	19,969	19,629	19,212	3,565	7,254	3,465
<b>Employed:</b>												
<b>Full-time schedules<sup>1</sup></b> . . . . .	63,216	65,924	61,881	41,757	41,952	41,491	18,536	18,195	17,663	2,926	5,776	2,727
<b>Part time for economic reasons</b> . . . . .	1,762	2,327	1,914	803	772	843	723	641	763	233	915	308
<b>Unemployed, looking for full-time work</b> . . . . .	1,911	2,291	2,222	795	935	1,006	710	793	786	406	563	430
<b>Unemployment rate</b> . . . . .	2.9	3.2	3.4	1.8	2.1	2.3	3.6	4.0	4.1	11.4	7.8	12.4
<b>PART TIME</b>												
<b>Civilian labor force</b> . . . . .	9,934	8,749	9,304	1,496	1,546	1,443	4,860	4,284	4,493	3,578	2,919	3,368
<b>Employed (voluntary part time)<sup>1</sup></b> . . . . .	9,272	8,117	8,651	1,419	1,445	1,354	4,615	4,075	4,275	3,238	2,597	3,022
<b>Unemployed, looking for part-time work</b> . . . . .	662	632	653	77	101	89	245	209	218	340	322	346
<b>Unemployment rate</b> . . . . .	6.7	7.2	7.0	5.1	6.5	6.2	5.0	4.9	4.9	9.5	11.0	10.3

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

# HOUSEHOLD DATA

**Table A-5: Unemployed persons, by age and sex**

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
Total ..	2,573	2,921	2,875	3.3	3.7	3.8	100.0	100.0	100.0
Male .....	1,266	1,489	1,507	2.6	2.9	3.1	49.2	51.0	52.4
14 to 19 years .....	395	454	413	9.8	7.7	10.5	15.3	15.5	14.4
14 and 15 years .....	42	72	35	6.4	6.4	5.1	1.6	2.5	1.2
16 to 19 years .....	352	381	378	10.5	8.0	11.7	13.7	13.0	13.1
20 years and over .....	871	1,035	1,094	1.9	2.3	2.4	33.9	35.4	38.0
20 to 24 years .....	169	217	233	3.6	4.2	4.9	6.6	7.4	8.1
25 years and over .....	702	818	861	1.8	2.0	2.2	27.3	28.0	29.9
25 to 34 years .....	172	221	235	1.7	2.2	2.4	6.7	7.6	8.2
35 to 44 years .....	156	200	197	1.4	1.8	1.8	6.1	6.8	6.8
45 to 54 years .....	178	166	184	1.8	1.6	1.8	6.9	5.7	6.4
55 to 64 years .....	134	163	186	1.9	2.4	2.8	5.2	5.6	6.5
65 years and over .....	62	68	58	2.9	3.2	2.7	2.4	2.3	2.0
Female .....	1,306	1,432	1,368	4.7	5.1	5.1	50.8	49.0	47.6
14 to 19 years .....	350	431	358	11.2	10.2	12.3	13.6	14.8	12.5
14 and 15 years .....	26	28	-	6.3	4.2	-	1.0	1.0	-
16 to 19 years .....	324	403	359	12.0	11.3	14.2	12.6	13.8	12.5
20 years and over .....	956	1,001	1,011	3.9	4.2	4.3	37.2	34.3	35.2
20 to 24 years .....	237	252	198	6.7	7.0	5.9	9.2	8.6	6.9
25 years and over .....	719	749	813	3.4	3.7	4.0	27.9	25.6	28.3
25 to 34 years .....	231	228	256	5.0	5.3	5.9	9.0	7.8	8.9
35 to 44 years .....	230	238	278	3.9	4.2	4.8	8.9	8.1	9.7
45 to 54 years .....	152	178	182	2.5	3.1	3.2	5.9	6.1	6.3
55 to 64 years .....	76	81	81	2.0	2.2	2.3	3.0	2.8	2.8
65 years and over .....	27	24	16	2.8	2.6	1.7	1.1	.8	.6

**Table A-6: Unemployed persons, by industry of last job**

Industry	Unemployment rate			Percent distribution		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
Total ..	3.3	3.7	3.8	100.0	100.0	100.0
Experienced wage and salary workers .....	3.2	3.5	3.5	82.1	81.7	79.5
Agriculture .....	3.8	5.0	4.8	2.2	3.1	3.0
Nonagricultural industries .....	3.1	3.4	3.5	79.9	78.6	76.6
Mining, forestry, fisheries .....	4.8	1.9	3.7	1.1	.4	.8
Construction .....	4.8	4.3	5.8	7.9	6.8	8.7
Manufacturing .....	2.8	3.1	3.1	22.5	22.6	21.2
Durable goods .....	2.4	3.0	2.6	11.5	12.6	10.2
Primary metal industries .....	1.4	2.1	1.5	.8	1.0	.6
Fabricated metal products .....	2.6	2.5	1.9	1.6	1.3	1.0
Machinery .....	2.1	2.0	1.9	1.7	1.5	1.2
Electrical equipment .....	2.3	2.2	2.2	1.8	1.6	1.3
Transportation equipment .....	2.8	5.3	2.0	2.4	3.8	1.5
Motor vehicles and equipment .....	2.0	9.3	1.7	.8	3.0	.6
All other transportation equipment .....	3.6	2.0	2.4	1.6	.8	.8
Other durable goods industries .....	3.0	3.5	4.9	3.2	3.3	4.6
Nondurable goods .....	3.3	3.3	3.7	11.0	10.1	11.1
Food and kindred products .....	3.4	3.1	4.2	2.8	2.3	3.0
Textile mill products .....	4.2	3.2	4.0	1.6	1.1	1.4
Apparel and other finished textile products .....	5.0	5.6	5.4	2.6	2.8	2.5
Other nondurable goods industries .....	2.4	2.6	2.9	4.0	3.9	4.2
Transportation and public utilities .....	1.7	1.9	2.4	3.1	3.2	3.9
Railroads and railway express .....	1.4	1.4	3.1	.4	.4	.9
Other transportation .....	2.0	3.2	3.1	1.5	2.1	2.0
Communication and other public utilities .....	1.6	1.1	1.4	1.3	.8	1.0
Wholesale and retail trade .....	3.9	4.3	4.0	18.3	18.5	16.3
Finance, insurance, and real estate .....	2.0	2.4	2.4	2.4	2.6	2.6
Service industries .....	3.3	4.0	3.8	20.7	22.1	20.1
Professional services .....	2.4	3.4	2.6	8.9	10.2	8.1
All other service industries .....	4.6	4.7	5.3	11.7	11.9	12.0
Public administration .....	2.4	1.6	2.2	3.8	2.3	3.0
Self-employed and unpaid family workers .....	.6	.4	.7	2.3	1.5	2.3
No previous work experience .....	-	-	-	15.7	16.8	18.1
14 to 19 years .....	-	-	-	12.4	13.6	13.8
20 years and over .....	-	-	-	3.3	3.2	4.3

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**Table A-7: Unemployed persons, by occupation of last job**

Occupation	Unemployment rate			Percent distribution		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
Total	3.3	3.7	3.8	100.0	100.0	100.0
White-collar workers	2.3	2.1	2.1	30.9	24.7	24.0
Professional and technical	1.7	2.1	1.3	6.3	6.4	4.2
Managers, officials, and proprietors	1.2	.9	.8	3.6	2.4	2.1
Clerical workers	3.3	2.8	3.3	15.8	12.2	13.0
Sales workers	2.8	2.2	2.8	5.1	3.7	4.7
Blue-collar workers	3.3	3.8	4.1	35.9	39.2	39.6
Craftsmen and foremen	1.8	2.0	2.5	7.1	7.3	8.6
Operatives	3.6	4.5	4.4	19.9	22.7	21.3
Nonfarm laborers	5.8	5.8	6.9	8.9	9.1	9.7
Service workers	4.0	4.7	4.5	15.3	16.7	15.4
Private household workers	3.9	5.0	3.9	3.5	4.1	3.1
Other service workers	4.0	4.6	4.7	11.8	12.6	12.3
Farm workers	1.4	1.7	1.9	2.2	2.6	3.0
Farmers and farm managers	.2	.2	.6	.2	.1	.5
Farm laborers and foremen	2.8	3.0	3.2	2.1	2.4	2.5
No previous work experience	-	-	-	15.7	16.8	18.1

**Table A-8: Unemployed persons, by marital status and household relationship**

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>MARITAL STATUS</b>									
Total	2,573	2,921	2,875	3.3	3.7	3.8	100.0	100.0	100.0
Male	1,266	1,489	1,507	2.6	2.9	3.1	49.2	51.0	52.4
Married, wife present	542	646	638	1.4	1.7	1.7	21.1	22.1	22.2
Single	586	714	703	7.0	6.6	8.2	22.8	24.5	24.4
14 to 19 years	386	443	402	10.3	7.8	10.9	15.0	15.2	14.0
20 years and over	200	272	301	4.3	5.3	6.2	7.8	9.3	10.5
Other marital status	139	129	166	5.3	4.7	6.1	5.4	4.4	5.8
Female	1,306	1,432	1,368	4.7	5.1	5.1	50.8	49.0	47.6
Married, husband present	645	617	658	4.1	4.1	4.4	25.1	21.1	22.9
Single	415	527	435	6.6	6.9	7.0	16.1	18.0	15.1
14 to 19 years	289	377	304	10.9	9.9	12.1	11.2	12.9	10.6
20 years and over	126	150	131	3.4	3.9	3.5	4.9	5.1	4.6
Other marital status	246	288	276	4.3	5.3	5.0	9.6	9.9	9.6
<b>HOUSEHOLD RELATIONSHIP</b>									
Total	2,573	2,921	2,875	3.3	3.7	3.8	100.0	100.0	100.0
Household head	885	978	979	1.9	2.1	2.1	34.4	33.5	34.0
Living with relatives	667	794	775	1.6	2.0	1.9	25.9	27.2	27.0
Not living with relatives	218	185	203	3.9	3.4	3.7	8.5	6.3	7.1
Wife of head	622	589	637	4.0	4.0	4.4	24.2	20.2	22.2
Other relative of head	1,018	1,290	1,199	7.7	7.6	8.9	39.5	44.1	41.7
Non-relative of head	50	64	60	3.7	4.8	4.2	1.9	2.2	2.1

**Table A-9: Employment status of persons 16-21 years of age in the noninstitutional population, by color**  
(In thousands)

Employment status	Total			White			Nonwhite		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>IN SCHOOL</b>									
Civilian labor force	2,569	151	2,442	2,317	139	2,239	250	20	207
Employed	2,291	139	2,134	2,108	124	1,979	181	17	156
Unemployed	278	12	308	209	15	260	69	3	51
Unemployment rate	10.8	7.9	12.6	9.0	10.8	11.6	27.6	15.0	24.6
Not in the labor force	6,653	715	6,738	5,853	607	5,879	800	108	856
<b>NOT IN SCHOOL</b>									
Civilian labor force	6,446	11,466	6,359	5,547	10,086	5,532	897	1,382	825
Employed	5,837	10,490	5,703	5,104	9,383	5,032	732	1,106	667
Unemployed	609	976	656	443	703	500	165	276	158
Unemployment rate	9.4	8.5	10.3	8.0	7.0	9.0	18.4	20.0	19.2
Not in the labor force	2,910	6,043	2,556	2,496	5,210	2,211	414	834	347

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**Table A-10: Unemployed persons, by duration of unemployment**

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965		Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
<b>Total</b> .....	2,573	2,921	2,875	100.0	100.0	100.0	<b>Total</b> .....	2,573	2,921	2,875	100.0	100.0	100.0
Less than 5 weeks .....	1,527	1,559	1,599	59.4	53.4	55.6	Persons on temporary layoff .....	64	141	73	2.5	4.8	2.5
5 to 14 weeks .....	629	977	668	24.4	33.4	23.2							
5 and 6 weeks .....	171	242	160	6.6	8.3	5.6							
7 to 10 weeks .....	233	489	245	9.1	16.7	8.5							
11 to 14 weeks .....	224	245	262	8.7	8.4	9.1							
15 weeks and over .....	417	385	609	16.2	13.2	21.2	Persons scheduled to begin new jobs within 30 days .....	184	233	154	7.2	8.0	5.4
15 to 26 weeks .....	234	187	295	9.1	6.4	10.3							
27 weeks and over .....	183	199	314	7.1	6.8	10.9							
Average (mean) duration ..	9.6	9.6	11.6	-	-	-	All other unemployed ...	2,325	2,547	2,648	90.4	87.2	92.1

**Table A-11: Long-term unemployed, by industry and occupation of last job**

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	Sept. 1966	Sept. 1965	Sept. 1966	Sept. 1965	Sept. 1966	Sept. 1965	Sept. 1966	Sept. 1965	
<b>INDUSTRY</b>									
<b>Total</b> .....	16.2	21.2	100.0	100.0	7.1	10.9	100.0	100.0	100.0
Experienced wage and salary workers .....	15.8	22.2	79.9	83.2	7.5	11.7	86.4	85.4	86.9
(1) .....	(1)	27.1	1.2	3.8	(1)	9.4	1.1	2.5	1.9
Agriculture .....	16.0	22.0	78.7	79.4	7.6	11.8	85.3	82.9	85.0
(1) .....	(1)	(1)	3.1	1.8	(1)	(1)	4.3	2.5	.8
Nonagricultural industries .....	13.8	21.3	6.7	8.7	10.8	10.4	12.0	8.2	5.5
Mining, forestry, fisheries .....	16.2	23.0	22.3	23.0	7.9	15.7	25.0	30.4	27.0
Construction .....	14.6	22.3	10.3	10.7	8.5	15.8	13.6	14.6	15.7
Manufacturing .....	17.7	23.6	12.0	12.3	7.4	15.7	11.4	15.8	11.3
Durable goods .....	(1)	25.2	6.0	4.6	(1)	17.1	7.6	6.0	6.1
Nondurable goods .....	12.1	21.3	13.7	16.4	4.9	9.8	12.5	14.6	15.5
Transportation and public utilities .....	15.2	21.8	21.6	23.3	5.1	9.4	16.3	19.3	24.9
Wholesale and retail trade .....	(1)	(1)	5.0	1.5	(1)	(1)	7.6	1.9	5.2
Finance, insurance, and real estate, and service industries ..	(1)	(1)	4.6	3.3	(1)	(1)	8.7	5.7	12.6
Public administration .....	16.3	15.8	15.8	13.5	2.2	5.4	4.9	8.9	.5
Self-employed and unpaid family workers .....									
No previous work experience .....									
<b>OCCUPATION</b>									
<b>Total</b> .....	16.2	21.2	100.0	100.0	7.1	10.9	100.0	100.0	100.0
White-collar workers .....	13.2	19.5	25.2	22.1	5.4	9.7	23.8	21.3	44.4
Professional and technical .....	19.0	18.4	7.5	3.8	6.1	10.4	5.5	4.1	12.4
Managers, officials, and proprietors .....	(1)	(1)	3.8	2.8	(1)	(1)	4.4	3.2	9.9
Clerical workers .....	7.9	17.4	7.7	10.7	3.9	8.0	8.8	9.6	15.8
Sales workers .....	19.7	22.4	6.2	4.9	6.8	10.4	5.0	4.5	6.2
Blue-collar workers .....	19.0	23.9	42.3	44.6	11.1	14.0	56.9	51.0	36.9
Craftsmen and foremen .....	20.9	23.9	9.1	9.7	13.2	18.2	13.3	14.3	13.1
Operatives .....	18.3	25.0	22.6	25.1	9.7	14.0	27.6	27.4	18.6
Nonfarm laborers .....	19.2	21.4	10.6	9.8	12.7	10.4	16.0	9.2	5.1
Service workers .....	15.0	21.0	14.2	15.2	5.1	10.0	11.0	14.0	12.9
(1) .....	(1)	(1)	4.8	3.4	(1)	(1)	2.2	2.5	3.0
Private household workers .....	12.9	20.4	9.4	11.8	5.3	10.2	8.8	11.5	9.9
Other service workers .....	(1)	(1)	2.4	4.6	(1)	(1)	3.3	4.8	5.3
Farm workers .....	(1)	(1)	1.0	1.1	(1)	(1)	2.2	2.2	2.8
Farmers and farm managers .....	(1)	(1)	1.4	3.4	(1)	(1)	1.1	2.5	2.5
Farm laborers and foremen .....	16.3	15.8	15.8	13.5	2.2	5.4	4.9	8.9	.5

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

# HOUSEHOLD DATA

**Table A-12: Long-term unemployed, by sex, age, color, and marital status**

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	Sept. 1966	Sept. 1965	Sept. 1966	Sept. 1965	Sept. 1966	Sept. 1965	Sept. 1966	Sept. 1965	
<b>AGE</b>									
Total	16.2	21.2	100.0	100.0	7.1	10.9	100.0	100.0	100.0
Male	20.6	23.8	62.4	58.9	10.7	14.9	74.7	71.1	63.6
14 to 19 years	11.1	14.3	10.5	9.7	1.0	5.8	2.2	7.6	5.2
20 to 24 years	14.2	15.5	5.7	5.9	2.4	4.3	2.2	3.2	6.2
25 to 44 years	18.8	25.8	14.8	18.4	11.6	15.9	20.9	21.9	27.2
45 years and over	34.9	35.3	31.3	24.8	24.0	28.3	49.5	38.4	25.0
Female	11.9	18.3	37.6	41.1	3.5	6.6	25.3	28.9	36.4
14 to 19 years	8.3	17.9	6.9	10.5	1.4	3.6	2.7	4.1	4.1
20 to 24 years	6.8	19.2	3.8	6.2	1.3	8.1	1.6	5.1	4.6
25 to 44 years	13.7	16.1	15.1	14.1	3.3	5.4	8.2	9.2	13.7
45 years and over	19.1	22.2	11.7	10.2	8.9	11.8	12.6	10.5	14.0
<b>COLOR</b>									
Total	16.2	21.2	100.0	100.0	7.1	10.9	100.0	100.0	100.0
White, total	15.7	19.5	75.1	73.3	7.0	10.6	76.4	76.5	88.6
Male	19.8	21.8	47.7	43.0	11.2	14.3	62.1	54.6	57.1
Female	11.5	17.1	27.3	30.3	2.6	6.4	14.3	21.9	31.5
Nonwhite, total	17.9	27.4	24.9	26.7	7.5	12.5	23.6	23.5	11.4
Male	23.8	31.7	14.9	15.9	8.8	17.3	12.6	16.8	6.5
Female	13.3	23.2	10.1	10.8	6.3	7.4	11.0	6.7	4.9
<b>MARITAL STATUS</b>									
Total	16.2	21.2	100.0	100.0	7.1	10.9	100.0	100.0	100.0
Male	20.6	23.8	62.4	58.9	10.7	14.9	74.7	71.1	63.6
Married, wife present	24.0	26.8	31.2	28.1	14.8	20.5	44.0	41.6	49.3
Single	14.8	17.1	20.9	19.7	4.3	8.1	13.7	18.1	11.0
14 to 19 years	11.4	13.9	10.6	9.2	1.0	5.2	2.2	6.7	4.9
20 years and over	21.5	21.3	10.3	10.5	10.5	12.0	11.5	11.4	6.1
Other marital status	31.7	39.8	10.6	10.9	22.3	21.7	17.0	11.4	3.4
Female	11.9	18.3	37.6	41.1	3.5	6.6	25.3	28.9	36.4
Married, husband present	9.5	13.8	14.7	14.9	2.2	4.4	7.7	9.2	20.7
Single	13.3	18.6	13.2	13.3	3.6	4.8	8.2	6.7	8.3
14 to 19 years	9.3	19.1	6.5	9.5	1.0	3.9	1.6	3.8	3.5
20 years and over	22.2	17.6	6.7	3.8	9.5	7.6	6.6	3.2	4.8
Other marital status	15.9	28.6	9.4	13.0	6.9	14.5	9.3	12.7	7.4

**Table A-13: Unemployed persons looking for full- or part-time work, by age and sex**

Age and sex	Looking for full-time work (thousands of persons)			Looking for part-time work (thousands of persons)			Looking for part-time work as a percent of unemployed in each group		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
Total	1,911	2,291	2,222	662	632	653	25.7	21.6	22.7
Male	973	1,218	1,186	294	272	321	23.2	18.3	21.3
14 to 19 years	178	283	180	217	171	232	54.9	37.7	56.3
Major activity:									
Going to school	4	2	15	214	8	214	98.2	(1)	93.4
All other	175	288	167	10	170	19	5.4	37.1	10.2
20 to 24 years	136	194	190	33	23	44	19.5	10.6	18.8
25 to 54 years	492	562	597	14	25	21	2.8	4.3	3.4
55 years and over	166	179	218	30	52	26	15.3	22.5	10.7
Female	938	1,073	1,036	368	360	332	28.2	25.1	24.3
14 to 19 years	228	280	250	123	151	109	35.0	35.0	30.4
Major activity:									
Going to school	8	1	5	96	7	86	92.3	(1)	(1)
All other	220	281	245	27	149	22	10.9	34.7	8.2
20 to 24 years	196	228	169	41	24	29	17.3	9.5	14.6
25 to 54 years	439	496	549	175	148	164	28.5	23.0	23.0
55 years and over	77	69	70	29	36	28	27.4	34.3	(1)

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

# HOUSEHOLD DATA

**Table A-14: Total labor force, by age and sex**

Age and sex	Thousands of persons			Labor force participation rate		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
	<b>Total</b> . . . . .	80,052	82,468	78,044	57.7	59.5
<b>Male</b> . . . . .	52,074	54,283	51,398	77.5	80.9	77.6
14 to 19 years . . . . .	4,494	6,393	4,269	41.5	59.1	41.0
14 and 15 years . . . . .	662	1,141	682	18.0	31.1	19.1
16 and 17 years . . . . .	1,451	2,172	1,450	41.2	61.7	41.1
18 and 19 years . . . . .	2,381	3,080	2,137	65.7	84.8	64.4
20 to 24 years . . . . .	6,117	6,482	5,905	86.8	92.6	86.9
25 to 34 years . . . . .	10,782	10,799	10,682	97.4	97.7	97.6
35 to 44 years . . . . .	11,363	11,387	11,506	97.3	97.4	97.6
45 to 54 years . . . . .	10,272	10,218	10,112	95.8	95.4	95.3
55 to 64 years . . . . .	6,915	6,847	6,752	85.1	84.3	84.3
55 to 59 years . . . . .	3,992	3,969	3,926	90.0	89.6	89.9
60 to 64 years . . . . .	2,923	2,878	2,826	79.2	78.0	77.4
65 years and over . . . . .	2,132	2,156	2,172	27.6	27.9	28.3
<b>Female</b> . . . . .	27,980	28,186	26,646	39.1	39.4	37.8
14 to 19 years . . . . .	3,124	4,246	2,916	29.6	40.2	28.7
14 and 15 years . . . . .	408	662	389	11.4	18.6	11.2
16 and 17 years . . . . .	982	1,391	919	28.6	40.5	26.7
18 and 19 years . . . . .	1,733	2,192	1,608	48.8	61.6	49.2
20 to 24 years . . . . .	3,568	3,619	3,372	50.6	51.7	49.6
25 to 34 years . . . . .	4,646	4,335	4,336	40.9	38.2	38.6
35 to 44 years . . . . .	5,865	5,617	5,744	47.8	45.7	46.4
45 to 54 years . . . . .	6,003	5,759	5,766	52.6	50.5	51.3
55 to 64 years . . . . .	3,823	3,696	3,561	42.7	41.4	40.6
55 to 59 years . . . . .	2,350	2,279	2,214	48.9	47.5	47.0
60 to 64 years . . . . .	1,473	1,417	1,347	35.6	34.3	33.2
65 years and over . . . . .	952	912	952	9.5	9.1	9.7

**Table A-15: Employed persons, by age and sex**

(In thousands)

Age and sex	Male			Female		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
	<b>All industries</b> . . . . .	47,611	49,648	47,199	26,639	26,720
14 to 19 years . . . . .	3,631	5,479	3,510	2,767	3,808	2,552
20 to 24 years . . . . .	4,580	4,918	4,518	3,319	3,356	3,162
25 to 34 years . . . . .	9,785	9,768	9,703	4,407	4,100	4,072
35 to 44 years . . . . .	10,782	10,767	10,950	5,630	5,374	5,462
45 to 54 years . . . . .	9,987	9,948	9,842	5,848	5,580	5,583
55 to 64 years . . . . .	6,776	6,679	6,562	3,745	3,616	3,480
65 years and over . . . . .	2,069	2,089	2,115	924	887	936
<b>Nonagricultural industries</b> . . . . .	44,152	45,917	43,436	25,726	25,745	24,232
14 to 19 years . . . . .	3,168	4,673	2,990	2,656	3,574	2,423
20 to 24 years . . . . .	4,385	4,687	4,249	3,269	3,303	3,090
25 to 34 years . . . . .	9,369	9,382	9,250	4,248	3,952	3,945
35 to 44 years . . . . .	10,211	10,228	10,310	5,459	5,206	5,265
45 to 54 years . . . . .	9,255	9,223	9,092	5,621	5,374	5,322
55 to 64 years . . . . .	6,122	6,044	5,902	3,590	3,492	3,316
65 years and over . . . . .	1,643	1,680	1,643	881	844	872
<b>Agriculture</b> . . . . .	3,459	3,731	3,763	914	976	1,015
14 to 19 years . . . . .	463	806	520	111	234	129
20 to 24 years . . . . .	195	232	268	49	53	72
25 to 34 years . . . . .	416	387	453	159	148	127
35 to 44 years . . . . .	571	539	640	170	168	198
45 to 54 years . . . . .	732	724	750	227	206	261
55 to 64 years . . . . .	654	634	660	155	124	164
65 years and over . . . . .	426	409	471	43	43	64

**Table A-16: Employed persons, by class of worker and occupation**

(In thousands)

Characteristics	Total			Male			Female		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
	<b>CLASS OF WORKER</b>								
<b>Total</b> . . . . .	74,251	76,369	72,446	47,611	49,648	47,199	26,639	26,720	25,246
<b>Nonagricultural industries</b> . . . . .	69,878	71,662	67,668	44,152	45,917	43,436	25,726	25,745	24,232
Wage and salary workers . . . . .	63,218	64,865	61,003	39,549	41,091	38,719	23,668	23,774	22,284
Private household workers . . . . .	2,441	2,644	2,503	309	427	329	2,131	2,217	2,174
Government workers . . . . .	10,332	9,966	9,732	5,997	5,980	5,861	4,334	3,987	3,871
Other wage and salary workers . . . . .	50,445	52,255	48,768	33,243	34,684	32,529	17,203	17,570	16,239
Self-employed workers . . . . .	6,075	6,101	6,068	4,562	4,713	4,656	1,513	1,388	1,413
Unpaid family workers . . . . .	584	695	596	40	112	62	544	583	535
<b>Agriculture</b> . . . . .	4,373	4,707	4,778	3,459	3,731	3,763	914	976	1,015
Wage and salary workers . . . . .	1,430	1,761	1,672	1,121	1,381	1,305	309	380	367
Self-employed workers . . . . .	2,231	2,144	2,301	2,079	2,018	2,175	152	126	126
Unpaid family workers . . . . .	712	803	805	260	333	283	452	470	522
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	74,251	76,369	72,446	47,611	49,648	47,199	26,639	26,720	25,246
White-collar workers . . . . .	33,313	33,473	31,831	18,282	18,545	17,860	15,032	14,930	13,970
Professional and technical . . . . .	9,399	8,880	8,953	5,927	5,760	5,730	3,470	3,120	3,222
Managers, officials, and proprietors . . . . .	7,496	7,576	7,181	6,258	6,408	6,098	1,238	1,168	1,083
Clerical workers . . . . .	11,768	12,289	11,051	3,319	3,516	3,192	8,450	8,775	7,859
Sales workers . . . . .	4,650	4,728	4,646	2,778	2,861	2,840	1,874	1,867	1,806
Blue-collar workers . . . . .	27,402	28,687	26,870	22,842	24,123	22,618	4,561	4,560	4,253
Craftsmen and foremen . . . . .	9,894	10,219	9,603	9,598	9,941	9,325	296	276	278
Operatives . . . . .	13,804	14,125	13,472	9,647	9,969	9,582	4,157	4,154	3,891
Nonfarm laborers . . . . .	3,704	4,343	3,795	3,597	4,213	3,711	108	130	84
Service workers . . . . .	9,538	9,869	9,354	3,322	3,550	3,258	6,217	6,318	6,097
Private household workers . . . . .	2,214	2,276	2,215	63	60	47	2,151	2,215	2,168
Other service workers . . . . .	7,324	7,593	7,139	3,259	3,490	3,211	4,066	4,103	3,929
Farm workers . . . . .	3,997	4,341	4,392	3,166	3,430	3,464	831	912	928
Farmers and farm managers . . . . .	2,156	2,053	2,221	2,014	1,931	2,108	142	122	113
Farm laborers and foremen . . . . .	1,841	2,288	2,171	1,152	1,499	1,356	689	790	815

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Table A-17: Employed persons, by hours worked

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
Total	74,251	76,369	72,446	69,878	71,662	67,668	4,373	4,707	4,778
With a job but not at work	2,997	7,718	2,989	2,889	7,561	2,843	108	157	145
At work	71,253	68,651	69,457	66,988	64,100	64,825	4,266	4,551	4,632
1-34 hours	13,602	12,081	12,559	12,284	10,741	11,159	1,317	1,341	1,400
1-4 hours	930	738	1,004	872	675	914	60	63	91
5-14 hours	3,355	2,770	3,307	2,997	2,422	2,962	357	348	345
15-34 hours	9,315	8,573	8,245	8,413	7,645	7,281	902	929	963
35 hours or more	57,651	56,571	56,899	54,704	53,359	53,666	2,948	3,211	3,233
35-40 hours	33,069	32,985	32,381	32,361	32,218	31,626	708	768	755
41 hours and over	24,582	23,586	24,518	22,343	21,141	22,040	2,240	2,443	2,478
Average hours, total at work	40.8	41.3	41.0	40.4	41.0	40.7	45.7	46.7	44.9

Table A-18: Employed persons, by full- or part-time status

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
Total	74,251	76,369	72,446	69,878	71,662	67,668
With a job but not at work	2,997	7,718	2,989	2,889	7,561	2,843
At work	71,253	68,651	69,457	66,988	64,100	64,825
On full-time schedules	60,543	59,202	59,202	57,366	55,557	55,669
35 hours or more	57,651	56,571	56,899	54,704	53,359	53,666
1-34 hours for noneconomic reasons	2,892	2,451	2,303	2,662	2,198	2,003
Bad weather	492	410	501	340	265	286
Industrial dispute	22	38	53	22	38	53
Vacation	271	665	301	269	642	294
Illness	735	633	754	710	592	720
Holiday	699	-	-	699	-	-
All other reasons	673	705	694	622	661	650
On part time for economic reasons	1,762	2,327	1,913	1,572	2,006	1,705
Usually work full time	956	1,042	963	840	881	851
Average hours	22.6	23.2	23.3	22.8	23.8	23.7
Usually work part time	804	1,285	950	732	1,125	854
Average hours	18.1	17.5	17.6	17.7	17.5	17.8
On part time for noneconomic reasons; usually work part time	8,949	7,302	8,343	8,049	6,536	7,451

Table A-19: Employed persons with a job, but not at work, by reason not working and pay status

(In thousands)

Reason not working	All industries			Nonagricultural industries								
	Sept. 1966	Aug. 1966	Sept. 1965	Total			Wage and salary workers					
				Sept. 1966	Aug. 1966	Sept. 1965	Number		Percent paid			
				Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965	Sept. 1966	Aug. 1966	Sept. 1965
Total	2,997	7,718	2,989	2,889	7,561	2,843	2,576	7,079	2,505	59.6	64.1	59.8
Bad weather	32	34	52	13	14	36	10	13	23	-	-	-
Industrial dispute	50	110	41	50	110	41	50	110	41	-	-	-
Vacation	1,423	5,736	1,389	1,395	5,690	1,365	1,326	5,421	1,261	84.3	74.3	89.8
Illness	969	956	1,008	929	904	953	821	810	829	38.1	35.4	35.9
All other reasons	523	882	499	502	845	450	369	726	353	28.5	30.3	18.1



Table A-20: Employment status of the noninstitutional population, by age and sex

September 1966

Age, sex, and color	Total labor force		Civilian labor force						Not in labor force				
	Number	Percent of population	Total	Employed			Unemployed		Total	Keeping house	In school	Unable to work	Other
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force					
Male . . . . .	52,074	77.5	48,873	47,611	3,459	44,152	1,266	2.6	15,135	130	6,574	1,209	7,223
14 and 15 years . . . . .	662	18.0	662	620	150	469	42	6.4	3,015	8	2,914	4	89
16 and 17 years . . . . .	1,451	14.2	1,404	1,234	198	1,035	170	12.1	2,074	4	1,919	6	144
18 and 19 years . . . . .	2,381	65.7	1,960	1,778	115	1,663	182	9.3	1,243	3	992	16	232
20 to 24 years . . . . .	6,117	86.8	4,749	4,580	195	4,385	169	3.6	929	1	637	43	248
25 to 29 years . . . . .	5,534	96.7	5,067	4,969	179	4,790	97	1.9	187	3	63	28	93
30 to 34 years . . . . .	5,248	98.1	4,891	4,816	237	4,579	75	1.5	99	-	31	27	42
35 to 39 years . . . . .	5,563	97.5	5,282	5,228	267	4,961	54	1.0	142	4	7	42	90
40 to 44 years . . . . .	5,800	97.0	5,656	5,554	304	5,250	102	1.8	179	5	5	71	98
45 to 49 years . . . . .	5,410	96.7	5,327	5,225	340	4,885	101	1.9	187	1	3	75	108
50 to 54 years . . . . .	4,862	94.8	4,838	4,762	392	4,370	77	1.6	265	7	-	100	159
55 to 59 years . . . . .	3,992	90.0	3,988	3,911	343	3,568	77	1.9	443	5	-	160	278
60 to 64 years . . . . .	2,923	79.2	2,922	2,865	311	2,554	57	1.9	769	2	1	161	606
65 to 69 years . . . . .	1,251	43.9	1,251	1,210	216	994	41	3.3	1,599	27	-	122	1,450
70 years and over . . . . .	881	18.0	881	859	210	649	21	2.4	4,003	61	-	354	3,589
White . . . . .	46,805	77.7	43,881	42,876	3,027	39,849	1,005	2.3	13,424	114	5,723	1,000	6,588
Nonwhite . . . . .	5,269	75.5	4,997	4,736	433	4,303	261	5.2	1,710	16	851	209	635
Female . . . . .	27,980	39.1	27,946	26,639	914	25,726	1,306	4.7	43,652	34,976	6,536	676	1,465
14 and 15 years . . . . .	408	11.4	408	383	37	346	26	6.3	3,163	22	3,039	6	97
16 and 17 years . . . . .	982	28.6	982	866	41	825	116	11.8	2,456	245	2,073	10	128
18 and 19 years . . . . .	1,733	48.8	1,726	1,518	32	1,486	208	12.1	1,820	650	946	7	217
20 to 24 years . . . . .	3,568	50.6	3,556	3,319	49	3,269	237	6.7	3,482	2,896	385	22	179
25 to 29 years . . . . .	2,408	41.1	2,403	2,303	30	2,223	100	4.2	3,448	3,348	34	16	50
30 to 34 years . . . . .	2,238	40.7	2,235	2,104	79	2,025	131	5.9	3,262	3,213	7	10	33
35 to 39 years . . . . .	2,668	43.0	2,665	2,548	91	2,456	117	4.4	3,271	3,205	14	17	35
40 to 44 years . . . . .	3,197	50.5	3,195	3,082	79	3,003	113	3.5	3,130	3,066	14	6	44
45 to 49 years . . . . .	3,156	53.0	3,155	3,076	125	2,951	78	2.5	2,799	2,702	9	19	69
50 to 54 years . . . . .	2,847	52.1	2,846	2,772	102	2,670	74	2.6	2,616	2,531	6	30	48
55 to 59 years . . . . .	2,350	48.9	2,350	2,304	92	2,212	46	2.0	2,460	2,377	4	27	52
60 to 64 years . . . . .	1,473	35.6	1,473	1,441	63	1,378	32	2.2	2,662	2,549	5	43	65
65 to 69 years . . . . .	581	16.9	581	563	24	539	18	3.1	2,851	2,703	-	43	104
70 years and over . . . . .	371	5.6	371	361	19	342	9	2.6	6,233	5,469	-	420	344
White . . . . .	24,222	38.0	24,191	23,201	693	22,508	990	4.1	39,583	32,093	5,670	572	1,249
Nonwhite . . . . .	3,758	48.0	3,755	3,438	221	3,217	316	8.4	4,070	2,883	866	104	216

Table A-21: Nonagricultural wage and salary workers, by full- or part-time status, hours of work, and industry

September 1966

(Percent distribution)

Industry	Full- or part-time status					Hours of work				
	Total at work	On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over
			Economic reasons		Other reasons					
			Usually work full time	Usually work part time	Usually work part time					
Total <sup>1</sup> . . . . .	100.0	85.8	1.2	1.1	11.7	100.0	17.9	51.0	15.2	15.9
Construction . . . . .	100.0	91.4	4.0	1.2	3.5	100.0	16.2	54.4	13.5	16.0
Manufacturing . . . . .	100.0	95.2	1.5	.4	2.8	100.0	9.1	56.3	18.9	15.6
Durable goods . . . . .	100.0	97.4	.9	.2	1.5	100.0	6.5	56.9	19.9	16.7
Nondurable goods . . . . .	100.0	92.1	2.4	.7	4.7	100.0	12.8	55.5	17.5	14.1
Transportation and public utilities . . . . .	100.0	93.1	.9	.9	5.2	100.0	9.9	58.7	15.2	16.3
Wholesale and retail trade . . . . .	100.0	76.6	.9	1.5	21.0	100.0	26.2	37.4	17.4	19.0
Finance, insurance, and real estate . . . . .	100.0	91.0	.5	.3	8.3	100.0	12.9	61.5	11.1	14.6
Service industries . . . . .	100.0	73.9	.9	2.3	22.9	100.0	29.2	44.5	11.6	14.7

<sup>1</sup>Includes forestry and fisheries, mining and public administration, not shown separately.

Table A-22: Persons at work in nonfarm occupations by full- or part-time status, hours of work, and occupation

September 1966  
(Percent distribution)

Occupation	Full or part-time status						Hours of work					Average hours, total at work
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	
				Economic reasons		Other reasons						
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time							
White-collar workers	31,878	100.0	87.4	.5	.4	11.8	100.0	16.6	49.4	13.0	21.1	41.4
Professional and technical	8,987	100.0	90.3	.3	.1	9.4	100.0	13.8	49.3	14.8	22.2	42.1
Managers, officials, and proprietors	7,198	100.0	95.8	.5	.2	3.5	100.0	8.2	32.5	16.4	42.9	48.9
Clerical workers	11,234	100.0	85.5	.6	.5	13.5	100.0	18.3	66.0	9.4	6.4	37.6
Sales workers	4,459	100.0	72.9	.5	1.2	25.3	100.0	31.3	34.9	12.7	21.0	37.4
Blue-collar workers	26,257	100.0	90.8	2.3	1.1	5.8	100.0	13.9	50.2	18.8	17.1	41.5
Craftsmen and foremen	9,525	100.0	95.0	1.6	.5	2.8	100.0	8.7	50.4	20.0	20.8	43.3
Operatives	13,152	100.0	91.6	2.6	.9	4.8	100.0	13.1	51.2	19.2	16.4	41.9
Nonfarm laborers	3,580	100.0	76.2	2.7	3.7	17.4	100.0	30.7	45.8	13.7	9.8	35.5
Service workers	9,217	100.0	64.2	1.2	3.5	30.8	100.0	37.5	38.1	11.6	12.5	34.1
Private household workers	2,165	100.0	35.8	.6	9.2	54.4	100.0	65.2	22.4	5.1	7.3	23.4
Other service workers	7,052	100.0	73.3	1.4	1.7	23.6	100.0	29.1	43.3	13.6	14.0	37.4

Table A-23: Occupation group of employed persons, by sex and color

September 1966

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total	74,251	47,611	26,639	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	33,313	18,282	15,032	44.9	38.4	56.4	47.9	40.7	61.1	20.5	17.1	25.2
Professional and technical	9,399	5,927	3,470	12.7	12.4	13.0	13.4	13.2	13.7	6.9	5.8	8.4
Medical and other health	1,463	569	893	2.0	1.2	3.4	2.0	1.2	3.5	1.5	.9	2.2
Teachers, except college	2,178	676	1,502	2.9	1.4	5.6	3.0	1.5	5.8	2.3	.9	4.3
Other professional and technical	5,758	4,682	1,075	7.8	9.8	4.0	8.3	10.5	4.3	3.1	3.9	1.9
Managers, officials, and proprietors	7,496	6,258	1,238	10.1	13.1	4.6	11.0	14.3	5.1	2.4	3.1	1.5
Salaried workers	4,776	3,984	792	6.4	8.4	3.0	7.1	9.1	3.3	1.1	1.4	.7
Self-employed workers in retail trade	1,230	966	264	1.7	2.0	1.0	1.8	2.2	1.1	.6	.7	.6
Self-employed workers, except retail trade	1,490	1,308	182	2.0	2.7	.7	2.2	3.0	.7	.6	.9	.3
Clerical workers	11,768	3,319	8,450	15.8	7.0	31.7	16.6	7.0	34.4	9.4	6.4	13.6
Stenographers, typists, and secretaries	3,024	53	2,972	4.1	.1	11.2	4.4	.1	12.2	1.6	(1)	3.8
Other clerical workers	8,744	3,266	5,478	11.8	6.9	20.6	12.3	6.9	22.2	7.8	6.4	9.7
Sales workers	4,650	2,778	1,874	6.3	5.8	7.0	6.8	6.3	7.8	1.8	1.9	1.7
Retail trade	2,767	1,111	1,657	3.7	2.3	6.2	4.0	2.5	6.9	1.2	1.1	1.3
Other sales workers	1,883	1,667	217	2.5	3.5	.8	2.8	3.8	.9	.6	.7	.3
Blue-collar workers	27,402	22,842	4,561	36.9	48.0	17.1	36.3	46.7	17.1	41.5	59.3	16.9
Craftsmen, foremen	9,894	9,598	296	13.3	20.2	1.1	14.0	20.9	1.1	8.0	13.2	.9
Carpenters	860	856	4	1.2	1.8	(1)	1.2	1.9	(1)	.6	1.1	-
Construction craftsmen, except carpenters	2,038	2,030	8	2.7	4.3	(1)	2.9	4.4	(1)	1.8	3.0	-
Mechanics and repairmen	2,466	2,450	16	3.3	5.1	.1	3.4	5.3	.1	2.4	4.0	.1
Metal craftsmen, except mechanics	1,202	1,185	17	1.6	2.5	.1	1.7	2.6	(1)	.9	1.4	.3
Other craftsmen and kindred workers	1,934	1,776	158	2.6	3.7	.6	2.8	3.9	.6	1.4	2.2	.3
Foremen, not elsewhere classified	1,394	1,301	93	1.9	2.7	.3	2.0	2.9	.4	1.0	1.4	.3
Operatives	13,804	9,647	4,157	18.6	20.3	15.6	18.2	19.5	15.6	22.0	26.9	15.3
Drivers and deliverymen	2,584	2,528	56	3.5	5.3	.2	3.4	5.1	.2	4.1	7.0	.1
Other operatives	11,220	7,119	4,101	15.1	15.0	15.4	14.8	14.4	15.4	17.9	19.9	15.2
Durable goods manufacturing	4,608	3,407	1,201	6.2	7.2	4.5	6.2	6.9	4.8	6.3	9.0	2.6
Nondurable goods manufacturing	3,824	1,725	2,099	5.2	3.6	7.9	5.1	3.5	8.1	5.2	4.6	6.1
Other industries	2,788	1,987	801	3.8	4.2	3.0	3.4	3.9	2.5	6.4	6.3	6.5
Nonfarm laborers	3,704	3,597	108	5.0	7.6	.4	4.2	6.3	.4	11.4	19.2	.7
Construction	708	707	1	1.0	1.5	(1)	.8	1.2	(1)	2.5	4.3	-
Manufacturing	1,125	1,054	72	1.5	2.2	.3	1.3	1.9	.2	3.2	5.1	.5
Other industries	1,871	1,836	35	2.5	3.9	.1	2.1	3.2	.1	5.8	9.8	.2
Service workers	9,328	3,322	6,006	12.8	7.0	23.3	10.7	6.1	19.1	30.6	15.3	51.6
Private household workers	2,214	63	2,151	3.0	.1	8.1	1.9	.1	5.2	11.6	.2	27.3
Service workers, except private household	7,324	3,259	4,066	9.9	6.8	15.3	8.7	5.9	13.9	19.0	15.1	24.3
Protective service workers	867	830	37	1.2	1.7	.1	1.2	1.8	.2	.6	1.1	.1
Waiters, cooks, and bartenders	1,998	577	1,421	2.7	1.2	5.3	2.5	1.1	5.3	3.9	2.6	5.6
Other service workers	4,459	1,852	2,608	6.0	3.9	9.8	5.0	3.1	8.5	14.5	11.4	18.6
Farm workers	3,997	3,166	831	5.4	6.6	3.1	5.1	6.5	2.6	7.4	8.3	6.3
Farmers and farm managers	2,156	2,014	142	2.9	4.2	.5	3.0	4.4	.4	2.1	2.9	1.1
Farm laborers and foremen	1,841	1,152	689	2.5	2.4	2.6	2.1	2.1	2.2	5.3	5.4	5.2
Paid workers	1,147	896	251	1.5	1.9	.9	1.2	1.6	.6	4.1	4.6	3.6
Unpaid family workers	694	256	438	.9	.5	1.6	.9	.5	1.6	1.1	.8	1.6

1/ Less than 0.05 percent.

Table A-24: Persons at work in nonagricultural industries, by full-time and part-time status, hours of work, and selected characteristics  
September 1966

(Percent distribution)

Characteristics	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
				Economic reasons		Other reasons					
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time						
<b>AGE AND SEX</b>											
Total	66,988	100.0	85.7	1.3	1.1	12.0	100.0	18.3	48.3	33.4	40.4
Male	42,442	100.0	91.7	1.2	.6	6.4	100.0	12.1	45.5	42.3	43.3
14 to 17 years	1,498	100.0	17.4	.2	1.3	31.1	100.0	84.3	11.0	4.7	17.3
18 and 19 years	1,635	100.0	72.2	2.9	2.1	22.8	100.0	31.6	45.5	22.9	35.9
20 to 24 years	4,233	100.0	92.1	1.8	.8	5.3	100.0	12.2	48.4	39.4	42.4
25 to 34 years	9,124	100.0	97.5	1.1	.4	1.0	100.0	6.3	45.6	48.1	45.8
35 to 44 years	9,876	100.0	98.2	.9	.3	.7	100.0	5.4	46.0	48.7	46.0
45 to 64 years	14,545	100.0	96.0	1.3	.6	2.0	100.0	8.1	48.9	42.9	44.6
65 years and over	1,533	100.0	66.6	1.3	1.6	30.4	100.0	38.7	35.6	25.6	34.9
Female	24,545	100.0	75.1	1.3	1.9	21.7	100.0	29.0	53.1	17.9	35.4
14 to 17 years	1,166	100.0	13.5	.5	1.0	85.0	100.0	87.0	10.5	2.5	14.1
18 and 19 years	1,443	100.0	76.9	2.2	3.5	17.4	100.0	27.3	59.1	13.6	34.8
20 to 24 years	3,123	100.0	85.6	1.4	1.2	11.8	100.0	18.9	65.3	15.8	37.5
25 to 34 years	4,054	100.0	77.4	1.5	1.8	19.3	100.0	26.9	55.8	17.3	35.8
35 to 44 years	5,204	100.0	76.4	1.6	1.7	20.3	100.0	27.6	53.9	18.5	36.4
45 to 64 years	8,728	100.0	79.5	1.0	2.0	17.5	100.0	25.0	53.3	21.7	37.4
65 years and over	828	100.0	54.0	.6	3.3	42.1	100.0	48.2	36.7	15.1	31.6
<b>MARITAL STATUS AND SEX</b>											
Male: Single	6,768	100.0	70.7	1.5	1.3	26.5	100.0	33.1	42.9	24.0	34.6
Married, wife present	33,527	100.0	96.0	1.1	.4	2.5	100.0	7.9	46.0	46.1	45.1
Other	2,148	100.0	91.3	2.0	1.7	5.0	100.0	13.6	47.3	39.1	43.2
Female: Single	5,608	100.0	70.6	1.1	1.4	26.9	100.0	32.7	53.3	14.0	32.8
Married, husband present	13,907	100.0	74.7	1.3	1.7	22.3	100.0	29.6	52.6	17.8	35.7
Other	5,031	100.0	81.3	1.5	3.1	14.1	100.0	23.1	54.3	22.6	37.9
<b>COLOR AND SEX</b>											
White	59,806	100.0	85.9	1.1	.8	12.1	100.0	17.9	47.6	34.4	40.7
Male	38,342	100.0	91.9	1.1	.4	6.5	100.0	11.8	44.6	43.5	43.6
Female	21,464	100.0	75.3	1.2	1.4	22.0	100.0	28.7	53.0	18.2	35.6
Nonwhite	7,181	100.0	82.7	2.2	3.8	11.3	100.0	21.8	53.9	24.3	38.2
Male	4,100	100.0	89.8	2.5	2.4	5.3	100.0	15.3	54.2	30.5	40.6
Female	3,081	100.0	73.3	1.8	5.6	19.2	100.0	30.4	53.6	15.9	34.9

Table A-25: Persons at work, by hours of work, and class of worker  
September 1966

(Percent distribution)

Hours of work	Total	Agriculture					Nonagricultural industries						
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers	Total	Wage and salary workers			Self-employed workers	Unpaid family workers		
							Private households	Government	Other				
Total at work . . . thousands	71,253	4,266	1,398	2,155	712	66,988	60,643	2,392	9,879	48,372	5,762	583	
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1 to 34 hours	19.1	30.9	37.8	20.4	49.0	18.3	17.9	66.9	13.7	16.3	21.2	36.0	
1 to 14 hours	6.0	9.7	17.0	8.3	-	5.8	5.6	42.7	3.5	4.2	8.1	-	
15 to 21 hours	5.1	9.8	9.3	6.0	22.2	4.8	4.7	12.1	4.1	4.4	4.7	22.4	
22 to 29 hours	4.0	6.3	5.4	3.0	18.0	3.8	3.8	7.0	2.8	3.8	4.0	7.2	
30 to 34 hours	4.0	5.1	6.2	3.1	8.8	3.9	3.8	5.1	3.4	3.9	4.4	6.3	
35 to 40 hours	46.4	16.6	21.1	12.3	20.9	48.3	51.0	21.0	60.5	50.5	22.6	24.1	
35 to 39 hours	6.1	6.5	7.4	4.1	12.1	6.1	6.2	5.5	6.2	6.3	4.6	7.9	
40 hours	40.3	10.1	13.6	8.2	8.8	42.2	44.7	15.5	54.3	44.2	18.0	16.3	
41 hours and over	34.5	52.5	41.1	67.3	30.1	33.4	31.1	12.2	25.8	33.1	56.2	39.9	
41 to 47 hours	8.0	4.9	6.3	4.0	4.4	8.2	8.3	3.1	8.2	8.6	6.9	5.8	
48 hours	6.7	4.5	4.1	5.1	4.1	6.8	6.9	1.8	4.3	7.7	6.2	6.5	
49 hours and over	19.8	43.1	30.7	58.4	21.6	18.3	15.9	7.3	13.4	16.8	43.1	27.6	
49 to 54 hours	7.0	7.2	6.4	8.4	4.9	7.0	6.6	3.4	5.4	7.0	11.5	6.7	
55 to 59 hours	3.0	3.5	5.0	2.9	2.5	3.0	2.9	.8	2.8	3.0	4.4	2.1	
60 to 69 hours	5.4	13.2	9.6	18.0	5.8	4.9	4.1	1.6	3.1	4.4	13.5	7.7	
70 hours and over	4.3	19.2	9.7	29.0	8.4	3.4	2.3	1.4	2.1	2.4	13.7	11.1	
Average hours, total at work	40.8	45.7	39.0	52.7	37.4	40.4	39.9	22.9	40.2	40.7	46.3	41.3	

## HOUSEHOLD DATA SEASONALLY ADJUSTED

**Table A-26: Summary employment and unemployment estimates, by age and sex, seasonally adjusted**

(In thousands)

Employment status	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
<b>TOTAL</b>													
Total labor force	80,342	80,549	80,233	80,185	79,313	79,674	79,315	79,279	79,644	79,408	78,906	78,606	78,334
Civilian labor force	77,113	77,371	77,098	77,086	76,268	76,666	76,341	76,355	76,754	76,567	76,111	75,846	75,611
Employed	74,165	74,338	74,072	73,997	73,231	73,799	73,435	73,521	73,715	73,441	72,914	72,561	72,297
Agriculture	4,049	4,158	4,144	4,238	4,076	4,482	4,363	4,442	4,429	4,486	4,273	4,551	4,418
Nonagricultural industries	70,116	70,180	69,928	69,759	69,155	69,317	69,072	69,079	69,286	68,955	68,641	68,010	67,879
On full-time schedules <sup>1</sup>	56,742	57,394	57,305	56,717	56,002	55,421	55,839	55,954	55,854	55,884	55,299	54,725	55,063
On part-time for economic reasons <sup>1</sup>	1,636	1,716	1,977	2,004	1,607	1,571	1,622	1,681	1,819	1,745	1,819	1,821	1,780
Usually work full time	832	856	975	1,040	839	776	820	899	902	766	817	848	843
Usually work part time	804	860	1,002	964	768	795	802	782	917	979	1,002	973	937
On voluntary part-time schedules <sup>1</sup>	8,324	8,412	8,011	7,790	7,985	8,167	8,016	7,948	8,070	8,030	7,915	7,884	7,702
Unemployed	2,948	3,033	3,026	3,089	3,037	2,867	2,906	2,834	3,039	3,126	3,197	3,285	3,314
<b>MEN, 20 YEARS AND OVER</b>													
Civilian labor force	44,666	44,833	44,744	44,780	44,661	44,836	44,822	44,823	44,788	44,751	44,565	44,539	44,646
Employed	43,583	43,691	43,585	43,621	43,597	43,772	43,664	43,680	43,604	43,579	43,330	43,234	43,285
Agriculture	2,884	2,855	2,854	2,860	2,861	3,035	2,980	2,990	2,936	3,035	2,933	3,131	3,120
Nonagricultural industries	40,699	40,836	40,731	40,761	40,736	40,737	40,684	40,690	40,668	40,544	40,397	40,103	40,165
Unemployed	1,083	1,142	1,159	1,159	1,064	1,064	1,158	1,143	1,184	1,172	1,235	1,305	1,361
<b>WOMEN, 20 YEARS AND OVER</b>													
Civilian labor force	24,930	24,481	24,313	24,226	24,082	24,000	23,899	24,016	24,145	24,121	23,967	23,779	23,774
Employed	23,982	23,527	23,425	23,286	23,121	23,133	23,045	23,145	23,228	23,157	22,937	22,790	22,771
Agriculture	633	647	687	682	632	728	732	754	765	769	684	749	697
Nonagricultural industries	23,349	22,880	22,738	22,604	22,489	22,405	22,313	22,391	22,463	22,388	22,253	22,041	22,074
Unemployed	948	954	888	940	961	867	854	871	917	964	1,030	989	1,003
<b>BOTH SEXES, 14-19 YEARS</b>													
Civilian labor force	7,517	8,057	8,041	8,080	7,525	7,830	7,620	7,516	7,821	7,695	7,579	7,528	7,191
Employed	6,600	7,120	7,062	7,090	6,513	6,894	6,726	6,696	6,883	6,705	6,647	6,537	6,241
Agriculture	532	656	603	696	583	719	651	698	728	682	656	671	601
Nonagricultural industries	6,068	6,464	6,459	6,394	5,930	6,175	6,075	5,998	6,155	6,023	5,991	5,866	5,640
Unemployed	917	937	979	990	1,012	936	894	820	938	990	932	991	950

<sup>1</sup> These categories will not add to the nonagricultural industries total because of the exclusion of persons "with a job but not at work" during the survey week.

**Table A-27: Seasonally adjusted rates of unemployment**

Selected unemployment rates	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
Total (all civilian workers)	3.8	3.9	3.9	4.0	4.0	3.7	3.8	3.7	4.0	4.1	4.2	4.3	4.4
Men, 20 years and over	2.4	2.5	2.6	2.6	2.4	2.4	2.6	2.6	2.6	2.6	2.8	2.9	3.0
20-24 years	4.3	4.8	3.6	5.0	4.9	4.3	5.0	4.4	4.2	5.1	5.7	5.5	5.9
25 years and over	2.2	2.3	2.5	2.3	2.1	2.1	2.3	2.3	2.5	2.3	2.5	2.6	2.7
Women, 20 years and over	3.8	3.9	3.7	3.9	4.0	3.6	3.6	3.6	3.8	4.0	4.3	4.2	4.2
Both sexes, 14-19 years	12.2	11.6	12.2	12.3	13.4	12.0	11.7	10.9	12.0	12.9	12.3	13.2	13.2
White workers	3.3	3.4	3.4	3.5	3.5	3.4	3.4	3.3	3.5	3.7	3.7	3.9	3.9
Nonwhite workers	7.8	8.2	7.9	7.9	7.6	7.0	7.2	7.0	7.0	7.5	8.1	7.9	8.1
Married men	1.9	2.0	2.0	1.9	1.8	1.8	1.9	1.9	1.9	1.8	2.0	2.1	2.2
Full-time workers <sup>1</sup>	3.4	3.5	3.7	3.8	3.7	3.4	3.4	3.3	3.5	3.7	3.8	3.8	4.0
Blue-collar workers	4.1	4.5	4.6	4.4	4.2	4.0	4.2	4.0	4.2	4.4	4.6	4.8	5.1
Experienced wage and salary workers	3.6	3.7	3.5	3.7	3.7	3.4	3.5	3.3	3.5	3.7	3.8	4.0	4.0
Labor force time lost	4.2	4.3	4.6	4.8	4.4	4.1	4.1	4.0	4.3	4.4	4.5	4.6	4.7

<sup>1</sup> Adjusted by provisional seasonal factors.

**Table A-28: Unemployed persons by duration of unemployment, seasonally adjusted**

(In thousands)

Duration of unemployment	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
Less than 5 weeks	1,626	1,666	1,710	1,816	1,789	1,625	1,543	1,514	1,548	1,532	1,618	1,562	1,703
5 to 14 weeks	807	927	912	815	856	670	787	721	738	869	903	992	858
15 weeks and over	499	451	435	476	536	603	588	579	661	660	644	697	728
15-26 weeks	298	249	220	251	261	343	319	315	354	355	334	350	384
27 weeks and over	201	202	215	225	275	260	269	264	307	305	310	347	344
15 weeks and over as a percent of civilian labor force	.6	.6	.6	.6	.7	.8	.8	.8	.9	.9	.8	.9	1.0

# HOUSEHOLD DATA

## SEASONALLY ADJUSTED

Table A-29: Rates of unemployment by age and sex, seasonally adjusted

Age and sex	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
Total, 14 years and over ..	3.8	3.9	3.9	4.0	4.0	3.7	3.8	3.7	4.0	4.1	4.2	4.3	4.4
14 to 17 years .....	13.3	11.9	12.6	12.6	14.7	12.5	13.1	11.7	12.7	14.7	13.2	13.0	13.5
14 and 15 years .....	9.4	7.3	7.8	7.8	9.5	6.4	6.7	7.8	8.7	12.4	9.0	6.7	5.5
16 and 17 years .....	15.2	14.1	14.9	15.0	17.2	15.6	16.3	13.5	14.7	15.8	15.4	16.0	17.3
18 years and over .....	3.3	3.5	3.5	3.5	3.4	3.3	3.3	3.3	3.5	3.5	3.7	3.9	3.9
18 and 19 years .....	10.9	11.1	12.1	12.3	11.9	11.8	10.4	10.3	11.2	11.6	11.3	13.5	12.5
20 to 24 years .....	5.2	5.5	4.6	5.8	5.5	5.2	5.2	5.0	5.4	5.6	6.6	5.9	5.9
25 years and over .....	2.6	2.7	2.8	2.6	2.6	2.5	2.6	2.6	2.7	2.7	2.9	3.0	3.1
25 to 54 years .....	2.6	2.8	2.7	2.7	2.6	2.5	2.6	2.6	2.7	2.8	2.9	3.1	3.2
55 years and over .....	2.5	2.6	2.8	2.4	2.8	2.5	2.7	2.8	2.8	2.8	3.0	3.0	3.0
Males, 18 years and over ..	2.7	2.9	3.0	3.0	2.8	2.7	2.9	2.9	2.9	3.0	3.0	3.4	3.3
18 and 19 years .....	10.0	9.5	10.9	11.5	10.8	10.3	9.9	9.3	9.7	9.9	8.7	12.9	10.2
20 to 24 years .....	4.3	4.8	3.6	5.0	4.9	4.3	5.0	4.4	4.2	5.1	5.7	5.5	5.9
25 years and over .....	2.2	2.3	2.5	2.3	2.1	2.1	2.3	2.3	2.5	2.3	2.5	2.6	2.7
25 to 54 years .....	2.1	2.2	2.3	2.2	1.9	2.0	2.1	2.2	2.3	2.2	2.3	2.4	2.5
55 years and over .....	2.7	2.8	3.1	2.6	3.0	2.7	2.9	3.0	3.0	2.7	3.1	3.4	3.4
Females, 18 years and over ..	4.3	4.6	4.4	4.5	4.6	4.3	4.1	4.1	4.4	4.7	5.0	4.8	4.9
18 and 19 years .....	12.1	12.8	13.5	13.1	13.3	13.5	11.1	11.5	13.1	13.6	14.3	14.1	15.1
20 to 24 years .....	6.5	6.5	5.9	6.8	6.4	6.4	5.5	5.9	7.1	6.3	7.7	6.5	5.7
25 years and over .....	3.3	3.5	3.3	3.3	3.5	3.2	3.3	3.2	3.3	3.6	3.7	3.8	3.9
25 to 54 years .....	3.7	3.9	3.5	3.6	3.9	3.4	3.5	3.4	3.5	3.9	4.1	4.5	4.6
55 years and over .....	2.3	2.3	2.3	2.1	2.6	2.0	2.5	2.4	2.4	2.9	2.9	2.1	2.3

Table A-30: Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
Total, 14 years and over .....	74,165	74,338	74,072	73,997	73,231	73,799	73,435	73,521	73,715	73,441	72,914	72,561	72,297
14 to 17 years .....	3,257	3,539	3,412	3,438	3,231	3,489	3,382	3,397	3,546	3,406	3,401	3,392	3,201
14 and 15 years .....	1,079	1,214	1,139	1,198	1,107	1,258	1,223	1,142	1,221	1,155	1,198	1,167	1,115
16 and 17 years .....	2,178	2,325	2,273	2,240	2,124	2,231	2,159	2,255	2,325	2,251	2,203	2,225	2,086
18 years and over .....	70,837	70,805	70,616	70,440	70,057	70,304	70,017	70,100	70,212	70,069	69,521	69,230	69,189
18 and 19 years .....	3,294	3,595	3,586	3,542	3,294	3,418	3,392	3,347	3,424	3,370	3,226	3,120	3,014
20 to 24 years .....	7,856	7,948	7,989	8,010	7,997	7,979	7,850	7,792	7,759	7,739	7,738	7,684	7,767
25 years and over .....	59,687	59,262	59,041	58,888	58,766	58,907	58,775	58,961	59,029	58,960	58,557	58,426	58,408
25 to 44 years .....	30,372	30,139	30,028	30,086	30,175	30,211	30,244	30,392	30,397	30,410	30,118	29,971	29,954
45 years and over .....	29,162	29,059	28,904	28,798	28,588	28,715	28,615	28,641	28,676	28,587	28,411	28,369	28,335
Males, 18 years and over ..	45,326	45,614	45,572	45,548	45,397	45,634	45,467	45,487	45,474	45,420	45,137	44,953	44,947
18 and 19 years .....	1,776	1,942	1,946	1,895	1,783	1,874	1,874	1,850	1,897	1,839	1,780	1,689	1,654
20 to 24 years .....	4,524	4,615	4,624	4,605	4,594	4,623	4,595	4,549	4,553	4,543	4,569	4,469	4,498
25 years and over .....	39,026	39,057	39,002	39,046	39,020	39,137	38,998	39,088	39,024	39,038	38,788	38,795	38,795
25 to 44 years .....	20,353	20,382	20,363	20,444	20,565	20,578	20,576	20,633	20,530	20,546	20,445	20,408	20,438
45 years and over .....	18,659	18,647	18,576	18,583	18,439	18,571	18,493	18,498	18,521	18,490	18,316	18,357	18,349
Females, 18 years and over ..	25,511	25,191	25,044	24,892	24,660	24,670	24,550	24,613	24,738	24,649	24,384	24,277	24,242
18 and 19 years .....	1,518	1,653	1,640	1,645	1,511	1,544	1,518	1,497	1,527	1,531	1,446	1,431	1,360
20 to 24 years .....	3,332	3,333	3,365	3,405	3,403	3,356	3,255	3,243	3,206	3,196	3,169	3,215	3,269
25 years and over .....	20,661	20,205	20,039	19,842	19,746	19,770	19,777	19,873	20,005	19,922	19,769	19,631	19,613
25 to 44 years .....	10,019	9,757	9,665	9,642	9,610	9,633	9,668	9,759	9,867	9,864	9,673	9,563	9,516
45 years and over .....	10,503	10,412	10,328	10,215	10,149	10,144	10,122	10,143	10,155	10,097	10,095	10,012	9,986

NOTE: Due to the independent seasonal adjustment of several of the series, detail will not necessarily add to totals.

# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

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

(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,822	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,332	634	3,050	17,274	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,249
1965.....	60,770	632	3,181	18,032	4,033	12,683	3,317	9,366	3,019	9,098	10,091	2,378	7,713
1965: September	61,863	631	3,460	18,477	4,113	12,750	3,370	9,380	3,045	9,235	10,152	2,373	7,779
1965: October..	62,141	633	3,431	18,461	4,104	12,852	3,368	9,464	3,036	9,263	10,359	2,384	7,975
1965: November.	62,392	635	3,341	18,496	4,092	13,078	3,394	9,684	3,033	9,245	10,472	2,402	8,070
1965: December.	63,038	632	3,167	18,473	4,087	13,762	3,415	10,347	3,034	9,245	10,638	2,543	8,095
1966: January..	61,439	621	2,940	18,333	4,026	12,835	3,371	9,464	3,018	9,176	10,490	2,406	8,084
1966: February.	61,622	617	2,818	18,518	4,035	12,738	3,367	9,371	3,024	9,250	10,622	2,431	8,191
1966: March....	62,243	620	2,981	18,651	4,056	12,826	3,374	9,452	3,043	9,331	10,735	2,460	8,275
1966: April....	62,928	590	3,156	18,774	4,077	13,015	3,386	9,629	3,056	9,465	10,795	2,493	8,302
1966: May.....	63,465	630	3,277	18,906	4,115	13,061	3,400	9,661	3,070	9,572	10,834	2,513	8,321
1966: June.....	64,563	645	3,521	19,258	4,180	13,239	3,473	9,766	3,112	9,702	10,906	2,592	8,314
1966: July.....	64,274	645	3,623	19,123	4,171	13,225	3,511	9,714	3,148	9,782	10,557	2,637	7,920
1966: August...	64,482	649	3,636	19,398	4,150	13,224	3,516	9,708	3,146	9,766	10,513	2,641	7,872
1966: September	64,880	642	3,520	19,524	4,208	13,245	3,484	9,761	3,100	9,700	10,541	2,611	8,330

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month. Data for the 2 most recent months are preliminary.

# ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)										
		All employees					Production workers <sup>1</sup>					
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	
	<b>TOTAL</b> ..	64,880	64,482	64,274	61,863	61,324						
	<b>MINING</b> ..	642	649	645	631	644	500	507	502	493	504	
10	METAL MINING .....	-	88.4	87.7	83.8	85.5	-	73.5	72.8	69.8	71.0	
101	Iron ores .....	-	26.5	25.8	26.1	26.3	-	22.4	21.7	22.1	22.2	
102	Copper ores .....	-	33.2	33.0	29.6	31.0	-	27.2	27.0	24.4	25.5	
11,12	COAL MINING .....	-	142.3	139.5	135.4	139.0	-	123.8	121.0	117.7	121.2	
12	Bituminous .....	-	134.1	131.9	125.6	129.5	-	116.6	114.3	108.9	112.7	
13	CRUDE PETROLEUM AND NATURAL GAS. ....	-	291.0	289.6	287.0	293.6	-	203.3	202.1	201.4	206.9	
131,2	Crude petroleum and natural gas fields. ....	-	157.0	156.9	156.8	160.3	-	87.3	87.3	88.5	91.3	
138	Oil and gas field services .....	-	134.0	132.7	130.2	133.3	-	116.0	114.8	112.9	115.6	
14	QUARRYING AND NONMETALLIC MINING ..	-	127.6	127.8	124.8	125.7	-	106.2	106.5	104.3	105.0	
142	Crushed and broken stone .....	-	44.2	44.3	43.4	43.9	-	37.9	37.9	37.2	37.7	
144	Sand and gravel .....	-	42.5	42.4	42.6	42.8	-	-	-	-	-	
	<b>CONTRACT CONSTRUCTION</b> .....	3,520	3,636	3,623	3,460	3,541	3,028	3,137	3,122	2,979	3,056	
	<b>GENERAL BUILDING CONTRACTORS</b> .....		1,165.9	1,153.3	1,077.7	1,105.8		1,019.0	1,004.4	934.5	961.1	
16	HEAVY CONSTRUCTION .....	-	781.2	782.2	752.1	781.0	-	690.3	690.5	662.5	690.9	
161	Highway and street construction .....	-	412.4	411.7	398.1	419.6	-	375.3	374.4	362.8	383.3	
162	Other heavy construction .....	-	368.8	370.5	354.0	361.4	-	315.0	316.1	299.7	307.6	
17	SPECIAL TRADE CONTRACTORS .....		1,688.8	1,687.8	1,630.4	1,654.0	-	1,428.1	1,427.3	1,381.5	1,404.4	
171	Plumbing, heating, and air conditioning ..		383.3	384.6	376.2	380.8	-	311.6	312.9	308.2	311.9	
172	Painting, paperhanging, and decorating ..	-	161.6	157.7	161.3	164.8	-	145.6	141.8	146.6	150.0	
173	Electrical work .....	-	260.3	255.2	239.1	243.3	-	211.5	206.4	193.3	197.2	
174	Masonry, plastering, stone and tile work ..	-	253.6	253.4	252.4	251.7	-	232.2	231.8	231.2	230.6	
176	Roofing and sheet metal work .....	-	118.3	117.8	116.0	118.3	-	96.8	96.2	95.0	97.2	
	<b>MANUFACTURING</b> .....	19,524	19,398	19,123	18,477	18,263	14,569	14,423	14,159	13,811	13,578	
19,24,25,32-39	<b>DURABLE GOODS</b> .....	11,418	11,256	11,213	10,614	10,418	8,484	8,311	8,277	7,896	7,692	
20-23,26-31	<b>NONDURABLE GOODS</b> .....	8,106	8,142	7,910	7,863	7,845	6,085	6,112	5,882	5,915	5,886	
	<i>Durable Goods</i>											
19	ORDNANCE AND ACCESSORIES .....	264.2	259.3	256.4	230.9	226.8	127.4	122.8	120.2	99.7	95.8	
192	Ammunition, except for small arms .....	195.8	191.9	189.5	175.3	172.8	83.4	79.4	77.2	65.1	62.8	
1925	Guided missiles and spacecraft, complete	-	162.9	162.9	157.2	155.5	-	55.5	55.6	51.5	49.9	
194	Sighting and fire control equipment .....	-	14.7	14.6	12.5	12.3	-	6.2	6.2	5.0	4.9	
191,35,69	Other ordnance and accessories .....	53.9	52.7	52.3	43.1	41.7	38.0	37.2	36.8	29.6	28.1	
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT</b>											
24	FURNITURE .....	638.2	650.2	648.5	629.6	637.8	558.9	569.8	568.5	553.4	561.6	
241	Logging camps and logging contractors ..	104.8	107.3	106.2	97.1	98.3	-	-	-	-	-	
242	Sawmills and planing mills .....	251.4	256.6	256.5	256.7	259.9	229.6	234.4	234.6	235.2	238.1	
2421	Sawmills and planing mills, general .....	-	216.3	217.4	218.1	221.1	-	197.6	198.8	200.1	202.8	
243	Millwork, plywood, and related products ..	168.6	171.8	172.5	166.9	169.9	141.7	144.2	145.6	140.8	143.5	
2431	Millwork .....	-	73.4	73.1	72.5	73.9	-	59.2	58.9	58.8	60.2	
2432	Veneer and plywood .....	-	77.1	78.0	75.0	75.5	-	70.4	71.3	68.5	68.9	
244	Wooden containers .....	35.7	36.5	36.1	34.6	35.1	32.0	32.9	32.2	31.2	31.7	
2441,2	Wooden boxes, shooks, and crates .....	-	28.5	28.3	26.3	26.8	-	25.7	25.4	23.7	24.1	
249	Miscellaneous wood products .....	77.7	78.0	77.2	74.3	74.6	66.6	66.9	66.2	63.4	63.9	

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES . . . . .	464.1	466.0	451.9	437.5	432.8	385.2	387.4	374.4	363.8	359.4
251	Household furniture . . . . .	334.6	334.0	325.9	314.2	311.5	285.9	285.9	278.4	269.1	266.7
2511	Wood house furniture, unupholstered . . . . .	-	175.4	170.2	164.1	162.2	-	156.0	151.1	146.4	144.8
2512	Wood house furniture, upholstered . . . . .	-	83.5	82.4	79.9	78.6	-	69.6	68.7	66.6	65.5
2515	Mattresses and bedsprings . . . . .	-	38.8	38.2	37.2	37.1	-	30.8	30.4	29.4	29.3
252	Office furniture . . . . .	-	33.9	33.5	30.4	30.0	-	26.3	26.3	23.8	23.5
254	Partitions; office and store fixtures . . . . .	-	48.6	46.5	45.3	45.2	-	36.4	34.4	34.1	33.9
253,9	Other furniture and fixtures . . . . .	48.0	49.5	46.0	47.6	46.1	37.2	38.8	35.3	36.8	35.3
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	650.9	660.5	661.6	649.8	648.7	523.8	532.7	532.7	524.8	522.0
321	Flat glass . . . . .	-	32.6	32.4	33.4	33.0	-	25.4	25.4	27.0	26.5
322	Glass and glassware, pressed or blown . . . . .	125.5	126.5	125.2	118.0	117.9	109.6	110.5	109.4	103.1	103.0
3221	Glass containers . . . . .	-	69.4	69.4	66.0	66.8	-	61.7	61.6	58.4	59.2
3229	Pressed and blown glassware, n.e.c. . . . .	-	57.1	55.8	52.0	51.1	-	48.8	47.8	44.7	43.8
324	Cement, hydraulic . . . . .	39.0	39.6	39.6	39.0	39.2	30.3	30.9	30.9	30.4	30.5
325	Structural clay products . . . . .	69.3	71.1	72.7	71.4	71.2	58.5	60.5	61.9	60.9	60.4
3251	Brick and structural clay tile . . . . .	-	32.4	32.8	32.3	32.7	-	28.8	29.3	28.8	29.0
326	Pottery and related products . . . . .	-	42.7	42.2	45.5	44.1	-	36.2	35.4	39.0	37.5
327	Concrete, gypsum, and plaster products . . . . .	183.3	187.7	189.4	186.3	188.3	142.1	146.0	146.9	144.8	146.1
328,9	Other stone and mineral products . . . . .	135.1	136.4	136.3	133.0	132.7	102.4	103.7	103.4	100.5	99.8
3291	Abrasive products . . . . .	-	28.8	28.6	26.0	26.1	-	20.0	19.8	17.3	17.4
33	PRIMARY METAL INDUSTRIES . . . . .	1,351.6	1,356.2	1,353.4	1,312.4	1,320.7	1,102.7	1,104.4	1,102.2	1,071.4	1,078.3
331	Blast furnace and basic steel products . . . . .	671.6	670.7	676.9	663.3	682.5	549.6	547.0	553.6	542.2	560.4
3312	Blast furnaces, steel and rolling mills . . . . .	-	590.6	596.2	585.2	605.8	-	483.5	489.7	480.2	499.8
332	Iron and steel foundries . . . . .	237.0	238.7	236.7	229.1	225.7	202.3	203.5	201.4	196.2	192.8
3321	Gray iron foundries . . . . .	-	140.4	139.3	135.8	133.0	-	120.8	119.5	117.4	114.4
3322	Malleable iron foundries . . . . .	-	27.2	27.3	26.6	26.2	-	23.0	23.1	22.6	22.2
3323	Steel foundries . . . . .	-	71.1	70.1	66.7	66.5	-	59.7	58.8	56.2	56.2
333,4	Nonferrous smelting and refining . . . . .	77.3	78.5	79.2	75.1	75.1	59.2	60.3	61.3	58.7	58.4
335	Nonferrous rolling, drawing, and extruding . . . . .	209.9	211.3	206.5	197.7	194.0	162.8	163.6	158.7	152.8	148.5
3351	Copper rolling, drawing, and extruding . . . . .	-	49.4	48.0	46.9	45.6	-	38.1	36.3	36.3	34.8
3352	Aluminum rolling, drawing, and extruding . . . . .	-	68.2	67.6	64.4	63.9	-	53.6	53.0	50.0	49.3
3357	Nonferrous wire drawing and insulating . . . . .	-	70.4	67.4	65.9	64.3	-	55.2	52.3	51.9	50.1
336	Nonferrous foundries . . . . .	87.6	88.6	85.7	81.8	80.7	74.4	75.1	72.0	68.8	67.7
3361	Aluminum castings . . . . .	-	43.8	43.0	40.1	39.4	-	37.7	36.7	34.2	33.4
3362,9	Other nonferrous castings . . . . .	-	44.8	42.7	41.7	41.3	-	37.4	35.3	34.6	34.3
339	Miscellaneous primary metal industries . . . . .	68.2	68.4	68.4	65.4	62.7	54.4	54.9	55.2	52.7	50.5
3391	Iron and steel forgings . . . . .	-	45.4	45.4	44.0	41.4	-	36.9	37.1	36.2	34.0
34	FABRICATED METAL PRODUCTS . . . . .	1,370.3	1,362.4	1,339.2	1,294.3	1,274.9	1,064.2	1,059.4	1,035.2	1,005.4	984.9
341	Metal cans . . . . .	64.9	66.1	66.0	65.0	64.9	55.0	56.3	56.2	55.2	55.2
342	Cutlery, hand tools, and general hardware . . . . .	162.9	160.0	155.3	155.6	152.9	129.8	126.6	121.1	122.6	119.8
3421,3,5	Cutlery and hand tools, including saws . . . . .	-	65.3	63.2	61.5	60.6	-	52.5	50.2	48.8	47.8
3429	Hardware, n.e.c. . . . .	-	94.7	92.1	94.1	92.3	-	74.1	70.9	73.8	72.0
343	Heating equipment and plumbing fixtures . . . . .	78.8	79.6	78.1	80.0	78.2	59.1	59.8	58.6	60.3	58.8
3431,2	Sanitary ware and plumbers' brass goods . . . . .	-	35.8	34.9	37.3	36.4	-	28.8	28.0	30.4	29.5
3433	Heating equipment, except electric . . . . .	-	43.8	43.2	42.7	41.8	-	31.0	30.6	29.9	29.3
344	Fabricated structural metal products . . . . .	410.4	412.8	410.7	387.8	388.7	300.3	302.4	300.5	282.6	283.2
3441	Fabricated structural steel . . . . .	-	112.8	111.7	106.8	108.3	-	84.5	83.3	79.8	81.2
3442	Metal doors, sash, frames, and trim . . . . .	-	70.7	70.1	69.7	69.4	-	51.8	51.2	51.2	50.9
3443	Fabricated plate work (boiler shops) . . . . .	-	108.4	107.8	100.4	100.7	-	77.2	76.6	70.4	70.4
3444	Sheet metal work . . . . .	-	74.7	75.1	68.8	68.7	-	54.7	55.3	50.6	50.5
3446,9	Architectural and misc. metal work . . . . .	-	46.2	46.0	42.1	41.6	-	34.2	34.1	30.6	30.2
345	Screw machine products, bolts, etc. . . . .	109.4	108.1	107.2	99.5	98.5	86.5	85.6	84.7	79.1	77.8
3451	Screw machine products . . . . .	-	55.0	49.2	45.1	44.7	-	42.7	42.0	38.5	37.8
3452	Bolts, nuts, screws, rivets, and washers . . . . .	-	58.1	58.0	54.4	53.8	-	42.9	42.7	40.6	40.0
346	Metal stampings . . . . .	240.3	232.6	221.5	225.3	211.3	192.1	188.1	176.8	183.8	170.0
347	Coating, engraving, and allied services . . . . .	85.0	83.6	81.6	77.6	76.5	72.2	70.6	68.5	65.3	63.9
348	Miscellaneous fabricated wire products . . . . .	67.5	67.8	67.9	63.0	62.4	54.8	55.2	55.1	51.0	50.4
349	Miscellaneous fabricated metal products . . . . .	151.1	151.8	150.9	140.5	141.5	114.4	114.8	113.7	105.5	105.8
3494,8	Valves, pipe, and pipe fittings . . . . .	-	88.5	88.1	82.5	84.7	-	63.9	63.3	59.4	61.2

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



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)					Production workers <sup>1</sup>				
		All employees									
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<i>Durable Goods--Continued</i>											
35	<b>MACHINERY</b> . . . . .	1,891.6	1,891.0	1,887.5	1,743.7	1,732.6	1,333.2	1,325.2	1,323.7	1,221.3	1,204.9
351	Engines and turbines . . . . .	94.7	99.0	98.4	90.8	90.4	64.5	68.5	67.5	61.9	61.3
3511	Steam engines and turbines . . . . .	-	34.3	34.4	31.7	32.6	-	20.2	20.2	18.0	18.6
3519	Internal combustion engines, n.e.c. . . . .	-	64.7	64.0	59.1	57.8	-	48.3	47.3	43.9	42.7
352	Farm machinery and equipment . . . . .	-	143.9	145.2	134.1	133.3	-	104.5	106.7	97.3	95.9
353	Construction and related machinery . . . . .	278.3	279.0	281.4	259.7	255.6	190.2	190.7	192.9	178.0	174.6
3531,2	Construction and mining machinery . . . . .	-	154.5	153.4	140.9	136.9	-	109.4	108.6	100.0	96.9
3533	Oil field machinery and equipment . . . . .	-	39.5	40.5	39.2	39.5	-	26.6	27.6	26.9	27.1
3535,6	Conveyors, hoists, and industrial cranes . . . . .	-	39.9	41.0	37.6	38.0	-	26.0	27.0	24.7	25.0
354	Metalworking machinery and equipment . . . . .	336.5	334.2	334.8	307.4	304.3	255.1	252.7	252.7	232.0	227.8
3541	Machine tools, metal cutting types . . . . .	-	81.0	81.0	74.8	73.8	-	56.6	56.4	52.5	51.1
3544	Special dies, tools, jigs, and fixtures . . . . .	-	112.6	113.9	105.0	102.9	-	92.9	94.0	86.6	84.1
3545	Machine tool accessories . . . . .	-	61.9	61.1	54.8	54.7	-	46.1	45.3	40.3	40.0
3542,8	Miscellaneous metalworking machinery . . . . .	-	78.7	78.8	72.8	72.9	-	57.1	57.0	52.6	52.6
355	Special industry machinery . . . . .	204.0	203.3	203.0	194.1	193.4	141.1	140.6	139.9	134.2	132.6
3551	Food products machinery . . . . .	-	42.8	43.1	40.2	40.1	-	27.7	27.8	25.9	25.5
3552	Textile machinery . . . . .	-	44.4	44.0	44.2	43.9	-	34.6	34.1	34.3	34.0
3555	Printing trades machinery . . . . .	-	28.4	28.7	26.9	26.8	-	20.2	20.3	19.0	18.6
356	General industrial machinery . . . . .	281.9	280.7	280.5	260.7	263.5	189.7	186.8	187.2	175.9	177.0
3561	Pumps; air and gas compressors . . . . .	-	77.1	76.2	68.3	72.6	-	44.3	43.6	39.0	42.1
3562	Ball and roller bearings . . . . .	-	59.5	59.3	57.3	56.4	-	46.4	46.2	45.4	44.4
3566	Mechanical power transmission goods . . . . .	-	52.8	53.4	49.8	49.3	-	39.0	39.7	37.4	36.7
357	Office, computing, and accounting machines . . . . .	218.6	217.4	214.8	194.8	193.2	129.5	129.2	127.1	116.1	113.2
3571	Computing machines and cash registers . . . . .	-	165.9	164.4	149.7	148.8	-	93.6	92.6	85.7	83.6
358	Service industry machines . . . . .	117.5	119.3	117.0	110.7	110.7	82.6	84.2	82.1	76.4	76.4
3585	Refrigeration, except home refrigerators . . . . .	-	74.1	73.1	68.0	69.5	-	52.3	51.4	46.6	47.8
359	Miscellaneous machinery . . . . .	214.2	214.2	212.4	191.4	188.2	169.4	168.0	167.6	149.5	146.1
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	1,955.5	1,936.0	1,887.8	1,698.9	1,664.1	1,365.7	1,344.9	1,302.2	1,172.6	1,140.7
361	Electric distribution equipment . . . . .	198.0	197.6	195.0	174.5	173.2	137.0	136.4	134.2	119.2	117.7
3611	Electric measuring instruments . . . . .	-	68.2	67.3	58.1	57.4	-	46.0	45.3	38.3	37.5
3612	Power and distribution transformers . . . . .	-	52.9	52.3	47.2	46.7	-	37.8	37.2	33.5	33.1
3613	Switchgear and switchboard apparatus . . . . .	-	76.5	75.4	69.2	69.1	-	52.6	51.7	47.4	47.1
362	Electrical industrial apparatus . . . . .	220.3	220.1	216.6	194.6	193.7	158.8	158.1	155.0	136.5	135.9
3621	Motors and generators . . . . .	-	118.7	118.7	105.3	105.1	-	85.8	85.7	74.7	74.4
3622	Industrial controls . . . . .	-	61.4	58.7	53.2	52.6	-	41.7	39.7	35.0	34.9
363	Household appliances . . . . .	188.1	185.2	173.4	166.0	160.2	148.9	145.6	134.1	130.1	124.1
3632	Household refrigerators and freezers . . . . .	-	58.9	51.4	51.5	47.4	-	48.3	40.8	41.6	37.6
3633	Household laundry equipment . . . . .	-	30.8	30.3	26.6	26.7	-	23.9	23.3	20.3	20.4
3634	Electric housewares and fans . . . . .	-	43.1	40.2	39.9	38.4	-	33.8	30.9	32.0	30.2
364	Electric lighting and wiring equipment . . . . .	194.5	192.3	190.1	176.4	170.9	152.2	150.2	148.3	137.4	132.0
3641	Electric lamps . . . . .	-	36.0	35.3	32.4	31.7	-	31.9	31.3	28.5	27.8
3642	Lighting fixtures . . . . .	-	62.1	60.1	59.7	56.5	-	48.0	46.1	46.5	43.3
3643,4	Wiring devices . . . . .	-	94.2	94.7	84.3	82.7	-	70.3	70.9	62.4	60.9
365	Radio and TV receiving sets . . . . .	185.5	176.4	163.4	145.9	140.2	149.9	140.7	128.6	117.1	112.1
366	Communication equipment . . . . .	476.5	473.9	468.4	421.5	416.3	238.8	236.4	233.0	211.2	207.3
3661	Telephone and telegraph apparatus . . . . .	-	122.7	123.8	115.2	114.2	-	82.4	83.2	79.5	78.4
3662	Radio and TV communication equipment . . . . .	-	351.2	344.6	306.3	302.1	-	154.0	149.8	131.7	128.9
367	Electronic components and accessories . . . . .	383.3	384.2	376.4	315.8	308.8	295.7	296.0	289.3	239.9	233.6
3671-3	Electron tubes . . . . .	-	76.4	74.2	62.4	61.4	-	54.6	52.8	43.3	42.3
3674,9	Electronic components, n.e.c. . . . .	-	307.8	302.2	253.4	247.4	-	241.4	236.5	196.6	191.3
369	Misc. electrical equipment and supplies . . . . .	109.3	106.3	104.5	104.2	100.8	84.4	81.5	79.7	81.2	78.0
3694	Electrical equipment for engines . . . . .	-	57.0	56.7	56.0	54.2	-	44.2	43.9	43.9	42.0
37	<b>TRANSPORTATION EQUIPMENT</b> . . . . .	1,939.4	1,786.5	1,865.3	1,775.7	1,650.6	1,375.5	1,222.0	1,299.2	1,267.6	1,142.5
371	Motor vehicles and equipment . . . . .	864.8	721.7	807.7	862.2	750.9	675.2	526.0	608.9	673.5	561.1
3711	Motor vehicles . . . . .	-	274.2	349.3	362.2	299.5	-	179.9	251.2	270.6	207.4
3712	Passenger car bodies . . . . .	-	31.9	55.7	63.7	59.3	-	18.6	42.8	51.5	47.1
3713	Truck and bus bodies . . . . .	-	36.6	37.2	35.1	33.1	-	29.5	30.0	28.6	26.5
3714	Motor vehicle parts and accessories . . . . .	-	354.7	341.5	374.5	331.9	-	279.8	266.9	302.1	258.9
372	Aircraft and parts . . . . .	787.9	775.7	767.2	639.9	630.6	466.3	458.4	451.7	368.7	359.8
3721	Aircraft . . . . .	-	437.0	430.4	343.7	340.2	-	251.2	245.1	192.1	188.8
3722	Aircraft engines and engine parts . . . . .	-	211.7	211.4	191.4	187.1	-	120.3	120.8	106.2	101.8
3723,9	Other aircraft parts and equipment . . . . .	-	127.0	125.4	104.8	103.3	-	86.9	85.8	70.4	69.2
373	Ship and boat building and repairing . . . . .	167.6	170.2	173.1	159.8	156.0	138.2	141.4	144.1	133.8	130.8
3731	Ship building and repairing . . . . .	-	140.1	141.8	131.6	128.3	-	116.4	118.0	110.0	107.4
3732	Boat building and repairing . . . . .	-	30.1	31.3	28.2	27.7	-	25.0	26.1	23.8	23.4
374	Railroad equipment . . . . .	-	60.4	59.1	56.9	55.2	-	47.5	46.1	44.7	42.9
375,9	Other transportation equipment . . . . .	-	58.5	58.2	56.9	57.9	-	48.7	48.4	46.9	47.9

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<i>Durable Goods--Continued</i>											
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . .</b>	433.7	433.3	429.3	394.7	391.8	280.0	278.8	274.9	254.9	250.7
381	Engineering and scientific instruments . . .	-	74.1	73.4	70.7	70.4	-	39.0	38.1	36.8	36.1
382	Mechanical measuring and control devices . .	108.0	107.4	107.1	99.2	99.0	71.1	70.3	70.0	65.3	64.5
3821	Mechanical measuring devices . . . . .	-	66.6	66.4	61.6	61.1	-	41.4	41.4	38.6	37.8
3822	Automatic temperature controls . . . . .	-	40.8	40.7	37.6	37.9	-	28.9	28.6	26.7	26.7
383,5	Optical and ophthalmic goods . . . . .	49.7	49.0	47.6	46.1	44.9	35.6	35.0	34.0	33.2	32.2
385	Ophthalmic goods . . . . .	-	33.3	32.5	31.5	30.5	-	25.4	24.8	24.0	23.2
384	Surgical, medical, and dental equipment . .	64.8	64.8	65.4	57.9	57.5	46.3	46.1	45.6	40.3	40.0
386	Photographic equipment and supplies . . . .	(*)	100.1	99.0	87.0	87.5	(*)	57.4	57.3	51.5	51.5
387	Watches and clocks . . . . .	-	37.9	36.8	33.8	32.5	-	31.0	29.9	27.8	26.4
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES . . . . .</b>											
39	<b>INDUSTRIES . . . . .</b>	458.5	454.4	431.9	446.9	437.0	367.2	363.8	343.6	360.7	350.9
391	Jewelry, silverware, and plated ware . . . .	49.5	48.9	45.3	46.6	45.8	38.4	38.1	34.9	36.7	36.0
394	Toys, amusement, and sporting goods . . . .	-	130.0	121.5	135.5	129.3	-	109.4	101.2	115.6	109.4
3941-3	Toys, games, dolls, and play vehicles . .	-	83.4	74.8	91.1	86.1	-	71.6	63.1	79.0	74.0
3949	Sporting and athletic goods, n.e.c. . . . .	-	46.6	46.7	44.4	43.2	-	37.8	38.1	36.6	35.4
395	Pens, pencils, office, and art materials . . .	-	36.4	36.1	34.5	34.3	-	26.8	26.7	25.6	25.4
396	Costume jewelry, buttons, and notions . . . .	-	59.9	54.8	57.1	57.3	-	49.9	45.4	47.2	47.2
393,8,9	Other manufacturing industries . . . . .	180.1	179.2	174.2	173.2	170.3	140.8	139.6	135.4	135.6	132.9
393	Musical instruments and parts . . . . .	-	27.2	26.8	25.2	24.6	-	22.5	22.2	21.0	20.3
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	1,892.1	1,892.2	1,806.8	1,873.7	1,871.1	1,291.8	1,285.3	1,200.4	1,274.4	1,265.4
201	Meat products . . . . .	328.0	329.5	326.8	323.1	323.2	263.6	263.2	261.1	257.7	257.4
2011	Meat packing . . . . .	-	193.1	192.9	192.8	193.2	-	149.0	149.3	148.8	148.8
2013	Sausages and other prepared meats . . . . .	-	54.2	53.5	52.1	52.6	-	38.7	38.1	37.2	37.6
2015	Poultry dressing and packing . . . . .	-	82.2	80.4	78.2	77.4	-	75.5	73.7	71.7	71.0
202	Dairy products . . . . .	279.8	289.0	291.1	288.7	296.0	126.8	133.4	135.6	132.2	137.3
2024	Ice cream and frozen desserts . . . . .	-	33.8	34.1	31.4	33.9	-	18.2	18.8	16.7	18.7
2026	Fluid milk . . . . .	-	207.5	208.3	208.4	211.8	-	78.1	78.6	78.0	79.7
203	Canned and preserved food, except meats . .	-	376.7	304.9	368.3	359.1	-	331.2	260.9	326.2	317.4
2031,6	Canned, cured, and frozen sea foods . . .	-	48.5	48.2	40.9	47.2	-	43.1	43.3	36.4	42.5
2032,3	Canned food, except sea foods . . . . .	-	221.2	168.0	224.8	215.1	-	194.0	141.4	199.0	190.0
2037	Frozen food, except sea foods . . . . .	-	61.0	51.1	62.4	55.9	-	55.4	45.7	57.0	50.4
204	Grain mill products . . . . .	125.4	127.3	128.0	127.5	128.2	88.3	90.4	90.5	90.4	90.6
2041	Flour and other grain mill products . . . .	-	29.6	29.7	29.3	29.4	-	21.4	21.4	21.0	20.9
2042	Prepared feeds for animals and fowls . . .	-	57.9	58.1	58.4	58.6	-	38.9	39.1	39.5	39.8
205	Bakery products . . . . .	281.2	285.6	275.5	285.8	287.7	163.4	167.0	157.1	166.4	167.9
2051	Bread, cake, and perishable products . . .	-	242.0	240.1	242.3	244.3	-	130.9	128.8	130.1	131.6
2052	Biscuit, crackers, and pretzels . . . . .	-	43.6	35.4	43.5	43.4	-	36.1	28.3	36.3	36.3
206	Sugar . . . . .	-	30.8	30.4	31.1	30.4	-	23.7	23.3	24.3	23.7
207	Confectionery and related products . . . . .	75.1	74.7	69.5	80.3	76.4	61.8	61.4	56.1	65.9	61.7
2071	Candy and other confectionery products . .	-	60.8	55.7	65.5	61.9	-	51.5	46.3	55.1	51.3
208	Beverages . . . . .	231.1	239.4	241.2	225.9	228.3	119.6	124.7	126.0	116.8	116.9
2082	Malt liquors . . . . .	-	64.2	66.3	63.4	64.4	-	42.9	44.7	42.2	42.5
2086	Bottled and canned soft drinks . . . . .	-	134.8	135.7	121.2	125.2	-	54.1	54.9	45.3	47.8
209	Miscellaneous food and kindred products . .	139.0	139.2	139.4	143.0	141.8	90.4	90.3	89.8	94.5	92.5
21	<b>TOBACCO MANUFACTURES . . . . .</b>	93.0	88.0	73.8	101.7	92.6	80.0	75.4	61.7	89.2	80.4
211	Cigarettes . . . . .	-	40.0	39.7	39.6	39.3	-	32.8	32.5	33.0	32.7
212	Cigars . . . . .	-	22.0	21.0	24.4	24.0	-	20.5	19.5	22.7	22.3
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	957.8	966.8	947.5	933.1	931.0	854.4	862.9	843.7	833.6	831.5
221	Cotton broad woven fabrics . . . . .	238.5	239.7	238.3	229.3	229.5	219.5	220.2	219.3	210.1	210.5
222	Silk and synthetic broad woven fabrics . . .	96.2	96.6	95.9	92.3	92.1	86.9	87.3	86.3	83.3	83.2
223	Weaving and finishing broad woolsens . . . .	43.8	45.0	45.4	44.5	44.7	38.1	39.3	39.3	39.1	39.2
224	Narrow fabrics and small wares . . . . .	31.8	31.7	30.6	30.0	29.7	28.5	28.3	27.1	26.8	26.4
225	Knitting . . . . .	237.7	241.8	234.1	237.9	237.6	213.0	216.9	209.5	214.3	214.0
2251	Women's full and knee length hosiery . . .	-	55.4	54.1	53.6	53.1	-	50.7	49.5	48.9	48.5
2252	All other hosiery . . . . .	-	43.8	43.2	44.5	44.7	-	40.2	39.4	40.9	41.2
2253	Knit outerwear . . . . .	-	75.0	73.4	76.3	75.9	-	65.8	64.4	67.7	67.2
2254	Knit underwear . . . . .	-	36.0	33.0	34.4	34.5	-	32.4	29.7	31.2	31.3
226	Finishing textiles, except wool and knit . . .	76.3	76.6	75.9	74.7	75.1	64.3	64.6	63.9	63.5	63.9
227	Floor covering . . . . .	-	42.6	39.8	41.6	40.5	-	34.8	32.2	34.1	33.0
228	Yarn and thread . . . . .	115.8	118.0	114.4	110.1	109.8	107.4	109.6	106.1	102.1	101.9
229	Miscellaneous textile goods . . . . .	74.6	74.8	73.1	72.7	72.0	61.5	61.9	60.0	60.3	59.4

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<i>Nonurable Goods--Continued</i>											
23	<b>APPAREL AND RELATED PRODUCTS</b>	1,411.1	1,422.3	1,353.1	1,382.4	1,376.6	1,253.1	1,265.6	1,198.5	1,231.5	1,225.9
231	Men's and boys' suits and coats	121.2	120.9	115.3	120.4	120.0	107.9	107.9	102.7	108.3	108.0
232	Men's and boys' furnishings	368.7	372.5	360.5	358.5	358.6	332.6	336.5	325.0	325.1	325.7
2321	Men's and boys' shirts and nightwear	-	133.5	131.3	130.0	130.6	-	120.8	118.9	118.0	118.8
2327	Men's and boys' separate trousers	-	79.0	76.8	76.1	76.9	-	74.2	72.0	71.4	72.3
2328	Work clothing	-	79.9	78.3	76.6	75.7	-	70.8	69.4	68.7	68.0
233	Women's, misses', and juniors' outerwear	429.4	435.9	412.9	425.7	427.8	383.2	390.5	368.6	381.4	382.9
2331	Women's blouses, waists, and shirts	-	52.6	49.9	52.0	52.8	-	48.2	45.3	47.6	48.4
2335	Women's, misses', and juniors' dresses	-	208.3	191.4	207.4	206.8	-	186.8	170.9	185.9	184.9
2337	Women's suits, skirts, and coats	-	100.3	97.9	96.8	98.7	-	90.7	88.5	87.3	89.2
2339	Women's and misses' outerwear, n.e.c.	-	74.7	73.7	69.5	69.5	-	64.8	63.9	60.6	60.4
234	Women's and children's undergarments	130.7	129.1	120.4	124.6	123.4	115.8	114.7	106.1	110.2	108.9
2341	Women's and children's underwear	-	85.0	79.5	82.3	81.5	-	77.1	71.6	74.9	74.1
2342	Corsets and allied garments	-	44.1	40.9	42.3	41.9	-	37.6	34.5	35.3	34.8
235	Hats, caps, and millinery	-	29.2	27.0	29.4	30.1	-	26.1	24.0	26.4	27.0
236	Girls' and children's outerwear	80.3	82.0	81.5	78.4	79.3	71.8	73.3	72.7	70.0	71.0
2361	Children's dresses, blouses, and shirts	-	35.9	36.2	34.9	34.8	-	32.5	32.7	31.5	31.4
237,8	Fur goods and miscellaneous apparel	-	82.1	76.8	80.1	78.5	-	71.4	66.5	69.8	68.3
239	Miscellaneous fabricated textile products	170.9	170.6	158.7	165.3	158.9	145.5	145.2	132.9	140.3	134.1
2391,2	Housefurnishings	-	59.8	57.4	59.4	57.9	-	51.1	48.6	51.2	49.7
26	<b>PAPER AND ALLIED PRODUCTS</b>	677.7	684.1	678.2	650.0	647.2	528.0	533.6	527.8	508.1	504.5
261,2,6	Paper and pulp	220.2	224.0	225.1	214.5	217.5	173.8	178.9	178.0	170.9	173.4
263	Paperboard	69.2	70.4	69.5	68.4	66.3	54.8	55.7	54.9	54.5	52.4
264	Converted paper and paperboard products	171.9	174.4	171.4	162.6	162.8	126.1	128.3	125.7	119.2	119.4
2643	Bags, except textile bags	-	39.6	39.0	37.5	36.7	-	32.0	31.4	30.2	29.4
265	Paperboard containers and boxes	216.4	215.3	212.2	204.5	200.6	173.3	172.7	169.2	163.5	159.3
2651,2	Folding and setup paperboard boxes	-	69.6	67.3	66.1	64.7	-	58.0	55.7	55.0	53.4
2653	Corrugated and solid fiber boxes	-	96.8	96.5	91.5	89.6	-	75.2	74.4	70.9	68.7
27	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>	1,035.0	1,034.6	1,030.4	987.9	985.4	658.1	657.4	653.2	628.0	624.0
271	Newspaper publishing and printing	355.1	353.4	354.1	347.3	347.4	180.1	177.8	178.0	177.3	176.1
272	Periodical publishing and printing	-	73.9	73.3	71.1	70.7	-	25.8	25.2	25.9	25.5
273	Books	-	90.6	89.9	81.4	81.8	-	56.5	55.9	50.1	50.0
275	Commercial printing	329.9	327.2	325.5	313.1	309.1	258.7	256.4	254.8	245.0	241.4
2751	Commercial printing, except lithographic	-	207.3	206.2	200.5	197.1	-	164.0	163.2	158.8	155.9
2752	Commercial printing, lithographic	-	107.7	107.1	101.8	101.0	-	82.6	81.8	77.6	76.8
278	Bookbinding and related industries	55.7	57.6	56.5	51.3	53.0	46.2	47.9	46.9	42.1	43.7
274,6,7,9	Other publishing and printing industries	132.6	131.9	131.1	123.7	123.4	93.3	93.0	92.4	87.6	87.3
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	967.8	978.8	970.3	917.1	922.3	576.9	585.4	577.8	550.2	553.8
281	Industrial chemicals	303.8	307.6	305.5	291.3	294.8	170.2	173.2	171.8	166.3	168.9
2812	Alkalies and chlorine	-	25.9	25.8	23.4	23.8	-	18.0	17.9	16.2	16.5
2818	Industrial organic chemicals, n.e.c.	-	124.2	123.3	114.8	115.8	-	56.5	56.1	53.2	54.0
2819	Industrial inorganic chemicals, n.e.c.	-	92.9	92.2	91.3	93.1	-	56.1	55.4	56.1	57.5
282	Plastics materials and synthetics	214.2	215.2	214.1	199.8	199.6	141.4	142.3	141.2	134.8	134.3
2821	Plastics materials and resins	-	94.7	93.8	86.6	87.0	-	59.4	58.3	55.0	55.1
2823,4	Synthetic fibers	-	106.6	106.5	100.2	99.6	-	73.8	73.8	71.1	70.6
283	Drugs	129.1	131.0	130.1	120.8	121.6	67.3	69.4	68.7	63.1	63.7
2834	Pharmaceutical preparations	-	95.7	96.0	89.3	89.9	-	49.1	48.6	45.0	45.4
284	Soap, cleaners, and toilet goods	110.7	111.7	109.0	107.3	107.3	68.8	69.0	66.3	66.1	66.3
2841	Soap and detergents	-	39.6	38.3	39.1	39.2	-	27.4	26.2	27.2	27.3
2844	Toilet preparations	-	39.9	39.0	38.7	38.3	-	24.3	23.1	23.3	23.2
285	Paints, varnishes, and allied products	67.1	69.0	68.6	66.7	68.1	37.5	39.1	38.7	37.4	38.6
287	Agricultural chemicals	51.9	51.1	50.6	50.5	50.1	33.1	32.0	31.5	31.7	31.3
2871,2	Fertilizers, complete and mixing only	-	35.9	35.3	36.9	36.0	-	24.1	23.5	24.9	24.0
286,9	Other chemical products	91.0	93.2	92.4	80.7	80.8	58.6	60.4	59.6	50.8	50.7
29	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>	185.6	187.9	190.1	185.0	186.7	116.6	118.3	118.2	115.3	116.2
291	Petroleum refining	148.5	149.4	151.6	147.8	149.3	89.9	90.5	90.3	88.8	89.4
295,9	Other petroleum and coal products	37.1	38.5	38.5	37.2	37.4	26.7	27.8	27.9	26.5	26.8
30	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b>	524.4	521.1	509.6	480.2	474.7	409.8	406.9	395.1	375.0	368.8
301	Tires and inner tubes	110.6	109.5	109.1	103.6	102.9	77.7	77.5	77.3	74.1	73.5
302,3,6	Other rubber products	182.4	181.5	177.9	173.4	171.1	145.2	143.9	140.0	137.5	134.6
307	Miscellaneous plastics products	231.4	230.1	222.6	203.2	200.7	186.9	185.5	177.8	163.4	160.7
31	<b>LEATHER AND LEATHER PRODUCTS</b>	361.3	366.5	350.3	352.2	357.5	316.6	321.4	306.0	309.5	315.1
311	Leather tanning and finishing	31.2	31.8	31.2	32.0	31.6	27.2	27.8	27.9	27.9	27.5
314	Footwear, except rubber	237.6	242.5	234.6	231.7	237.1	210.6	215.4	207.8	206.2	211.7
312,3,5-7,9	Other leather products	92.5	92.2	84.5	88.5	88.8	78.8	78.2	71.0	75.4	75.9
317	Handbags and personal leather goods	-	38.1	33.3	36.5	36.2	-	33.4	29.0	31.7	31.6

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

		(In thousands)									
SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1986	Aug. 1986	July 1986	Sept. 1985	Aug. 1985	Sept. 1986	Aug. 1986	July 1986	Sept. 1985	Aug. 1985
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,208	4,150	4,171	4,113	4,099	-	-	-	-	-
40	<b>RAILROAD TRANSPORTATION</b> .....	-	727.7	730.4	739.9	748.7	-	-	-	-	-
4011	Class I railroads <sup>2</sup> .....	-	636.2	638.4	644.4	653.4	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSPORT</b> .....	-	246.6	246.8	270.5	252.0	-	-	-	-	-
41	<b>TRANSIT</b> .....	-	246.6	246.8	270.5	252.0	-	-	-	-	-
411	Local and suburban transportation .....	-	79.6	79.9	82.5	81.5	-	75.2	75.5	78.2	77.1
412	Taxicabs .....	-	104.2	104.5	107.7	106.3	-	-	-	-	-
413	Intercity and rural bus lines .....	-	44.8	44.1	43.6	43.9	-	41.4	40.6	40.3	40.6
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE</b> .....	-	1,029.3	1,030.7	998.8	982.6	-	940.3	942.4	912.7	897.3
42	Public warehousing .....	-	31.4	79.5	81.8	76.2	-	71.6	69.7	71.8	66.5
45	<b>AIR TRANSPORTATION</b> .....	-	201.6	215.6	234.9	233.2	-	-	-	-	-
451,2	Air transportation, common carriers .....	-	174.1	187.7	210.1	209.1	-	-	-	-	-
16	<b>PIPELINE TRANSPORTATION</b> .....	-	19.4	19.4	19.6	20.0	-	16.3	16.3	16.4	16.8
44,47	<b>OTHER TRANSPORTATION</b> .....	-	323.2	330.9	323.7	317.4	-	-	-	-	-
18	<b>COMMUNICATION</b> .....	-	948.7	944.9	890.7	900.8	-	755.0	750.4	705.8	716.4
481	Telephone communication .....	-	796.1	792.2	742.9	754.3	-	638.4	634.0	592.8	604.5
482	Telegraph communication <sup>3</sup> .....	-	33.5	33.6	31.6	31.7	-	23.2	23.1	22.1	22.0
483	Radio and television broadcasting .....	-	112.8	112.8	109.9	108.5	-	91.3	91.2	89.0	87.9
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	-	653.2	652.4	635.1	643.9	-	567.9	567.1	553.5	563.1
491	Electric companies and systems .....	-	264.8	263.9	256.9	260.0	-	226.3	225.3	218.3	221.3
492	Gas companies and systems .....	-	161.7	162.0	157.8	160.7	-	140.2	140.4	138.1	141.9
493	Combined utility systems .....	-	183.0	182.8	179.2	181.6	-	163.1	163.1	161.0	163.3
494-7	Water, steam, and sanitary systems .....	-	43.7	43.7	41.2	41.6	-	38.3	38.3	36.1	36.6
-	<b>WHOLESALE AND RETAIL TRADE</b> .....	13,245	13,224	13,225	12,750	12,679	11,802	11,788	11,798	11,378	11,314
50	<b>WHOLESALE TRADE</b> .....	3,484	3,516	3,511	3,370	3,372	2,952	2,982	2,977	2,864	2,869
501	Motor vehicles and automotive equipment .....	-	266.4	266.5	258.2	259.6	-	223.2	223.0	216.6	218.4
502	Drugs, chemicals, and allied products .....	-	211.0	209.0	199.9	199.9	-	174.5	172.7	165.6	165.3
503	Dry goods and apparel .....	-	150.1	148.6	142.6	143.7	-	122.0	120.7	115.3	116.4
504	Groceries and related products .....	-	517.5	532.1	521.6	511.8	-	455.1	468.6	461.0	451.8
506	Electrical goods .....	-	283.5	282.4	262.0	264.0	-	232.9	232.3	217.2	220.8
507	Hardware, plumbing, and heating goods .....	-	160.2	159.3	153.0	153.6	-	136.3	135.6	130.4	131.0
508	Machinery, equipment, and supplies .....	-	636.9	635.5	589.2	589.0	-	541.8	541.1	499.3	499.9
509	Miscellaneous wholesalers .....	-	1,190.1	1,188.1	1,139.6	1,144.2	-	1,011.4	1,009.2	968.1	973.7
52-59	<b>RETAIL TRADE</b> .....	9,761	9,708	9,714	9,380	9,307	8,850	8,806	8,821	8,514	8,445
53	<b>GENERAL MERCHANDISE STORES</b> .....	-	1,839.3	1,835.5	1,844.9	1,792.4	-	1,730.0	1,731.7	1,689.0	1,639.9
531	Department stores .....	-	1,180.9	1,185.1	1,146.2	1,116.3	-	1,079.1	1,087.5	1,048.2	1,021.6
532	Mail order houses .....	-	116.0	114.5	118.1	111.8	-	108.5	107.0	110.8	104.8
533	Limited price variety stores .....	-	308.1	304.2	306.5	295.6	-	287.3	283.7	286.4	275.3
54	<b>FOOD STORES</b> .....	-	1,541.5	1,548.9	1,470.2	1,450.5	-	1,431.1	1,438.9	1,363.0	1,344.1
541-3	Grocery, meat, and vegetable stores .....	-	1,368.7	1,374.9	1,298.6	1,281.3	-	1,269.8	1,276.8	1,201.6	1,185.0
56	<b>APPAREL AND ACCESSORIES STORES</b> .....	-	632.1	632.6	629.4	606.3	-	566.0	567.7	566.2	544.0
561	Men's and boys' apparel stores .....	-	106.6	106.7	101.8	99.9	-	96.3	96.7	91.7	89.7
562	Women's ready-to-wear stores .....	-	234.1	230.8	232.8	227.0	-	211.8	209.2	210.8	205.5
565	Family clothing stores .....	-	97.2	100.4	97.6	94.9	-	90.1	93.2	90.4	87.7
566	Shoe stores .....	-	123.0	124.1	125.8	118.1	-	105.6	107.0	110.2	102.6
57	<b>FURNITURE AND APPLIANCE STORES</b> .....	-	426.2	426.4	413.3	410.8	-	374.8	375.1	364.7	362.2
571	Furniture and home furnishings .....	-	273.2	274.7	266.1	265.0	-	239.7	241.5	234.8	233.4
58	<b>EATING AND DRINKING PLACES</b> .....	-	2,076.1	2,069.5	1,982.4	1,998.6	-	1,940.0	1,934.8	1,850.9	1,864.9
52,55,59	<b>OTHER RETAIL TRADE</b> .....	-	3,142.4	3,151.5	3,039.3	3,048.8	-	2,764.0	2,772.5	2,680.2	2,690.2
52	Building materials and hardware .....	-	563.3	568.5	551.8	562.7	-	487.1	492.3	475.8	487.4
55	Auto dealers and service stations .....	-	1,486.5	1,490.6	1,435.1	1,439.2	-	-	-	-	-
551,2	Motor vehicle dealers .....	-	747.4	751.5	730.6	731.8	-	638.8	642.0	629.4	631.5
553,9	Other vehicle and accessory dealers .....	-	193.9	193.5	177.0	180.2	-	168.4	168.1	152.6	156.9
554	Gasoline service stations .....	-	545.2	545.6	527.5	527.2	-	-	-	-	-
59	Miscellaneous retail stores .....	-	1,092.6	1,092.4	1,052.4	1,046.9	-	-	-	-	-
591	Drug stores .....	-	415.7	414.3	399.6	396.5	-	378.5	376.5	365.0	361.2
596	Fam and garden supply stores .....	-	100.6	101.1	96.8	96.6	-	-	-	-	-
598	Fuel and ice dealers .....	-	102.8	102.9	103.7	102.3	-	88.6	88.8	90.7	89.6

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

# ESTABLISHMENT DATA EMPLOYMENT

Table B-2; Employees on nonagricultural payrolls, by industry--Continued

		(In thousands)									
SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	3,100	3,146	3,148	3,045	3,075	2,479	2,521	2,526	2,443	2,476
60	Banking	-	839.0	835.4	796.9	806.1	-	701.9	698.3	667.7	676.5
61	Credit agencies other than banks	-	337.8	337.3	329.6	331.2	-	269.7	269.7	264.9	266.9
612	Savings and loan associations	-	95.8	96.9	97.2	98.4	-	77.4	78.4	79.5	80.7
614	Personal credit institutions	-	183.0	181.3	174.1	174.4	-	-	-	-	-
62	Security dealers and exchanges	-	144.0	144.7	128.9	130.7	-	126.5	127.7	113.6	115.3
63	Insurance carriers	-	915.4	911.2	896.3	903.4	-	648.3	645.4	635.8	643.9
631	Life insurance	-	484.2	482.5	481.4	484.7	-	283.3	282.2	282.4	286.4
632	Accident and health insurance	-	64.1	62.7	55.0	55.4	-	55.7	54.4	47.0	47.3
633	Fire, marine, and casualty insurance	-	327.1	325.2	317.5	320.3	-	275.7	274.5	270.4	273.6
64	Insurance agents, brokers, and services	-	244.1	243.7	234.8	237.0	-	-	-	-	-
65	Real estate	-	582.9	593.4	578.5	586.5	-	-	-	-	-
656	Operative builders	-	43.6	44.2	50.2	50.9	-	-	-	-	-
66,67	Other finance, insurance, and real estate	-	82.5	82.5	80.2	80.5	-	-	-	-	-
	<b>SERVICES AND MISCELLANEOUS</b>	9,700	9,766	9,782	9,235	9,271					
70	Hotels and lodging places	-	790.0	789.5	676.7	774.9	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	651.4	653.1	601.0	636.3	-	611.1	612.9	563.2	597.4
72	Personal services	-	1,014.1	1,016.8	988.4	987.7	-	-	-	-	-
721	Laundries, cleaning and dyeing plants	-	561.4	565.6	548.9	550.1	-	508.5	512.0	492.8	494.2
73	Miscellaneous business services	-	1,232.8	1,225.6	1,127.8	1,120.0	-	-	-	-	-
731	Advertising	-	116.4	114.8	111.9	111.7	-	-	-	-	-
732	Credit reporting and collection agencies	-	68.1	68.7	66.4	66.6	-	-	-	-	-
78	Motion pictures	-	199.5	202.1	192.6	198.6	-	-	-	-	-
781	Motion picture filming and distributing	-	55.8	58.5	50.5	52.0	-	35.9	36.6	31.7	32.4
782,3	Motion picture theaters and services	-	143.7	143.6	142.1	146.6	-	-	-	-	-
80	Medical and other health services	-	2,266.1	2,260.1	2,113.3	2,115.6	-	-	-	-	-
806	Hospitals	-	1,463.1	1,460.1	1,377.6	1,377.3	-	-	-	-	-
81	Legal services	-	200.9	202.3	186.2	190.4	-	-	-	-	-
82	Educational services	-	870.8	886.1	910.3	816.7	-	-	-	-	-
821	Elementary and secondary schools	-	282.4	285.9	317.2	272.1	-	-	-	-	-
822	Higher educational institutions	-	521.4	533.4	530.0	483.9	-	-	-	-	-
89	Miscellaneous services	-	497.7	497.2	462.7	464.0	-	-	-	-	-
891	Engineering and architectural services	-	273.4	273.9	250.1	251.4	-	-	-	-	-
892	Nonprofit research organizations	-	69.9	69.9	67.2	68.3	-	-	-	-	-
	<b>GOVERNMENT</b>	10,941	10,513	10,557	10,152	9,752					
1	<b>FEDERAL GOVERNMENT<sup>5</sup></b>	2,611	2,641	2,637	2,373	2,408					
	Executive	-	2,608.0	2,604.2	2,341.3	2,376.1	-	-	-	-	-
	Department of Defense	-	1,055.4	1,050.7	943.4	954.9	-	-	-	-	-
	Post Office Department	-	689.4	683.1	602.8	608.5	-	-	-	-	-
	Other agencies	-	863.2	870.4	795.1	812.7	-	-	-	-	-
	Legislative	-	27.1	27.0	25.8	26.2	-	-	-	-	-
	Judicial	-	5.9	5.9	5.9	5.8	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b>	8,330	7,872	7,920	7,779	7,344					
92	State government	-	2,103.7	2,112.4	2,010.3	1,951.8	-	-	-	-	-
	State education	-	666.6	679.6	657.4	578.8	-	-	-	-	-
	Other State government	-	1,437.1	1,432.8	1,352.9	1,373.0	-	-	-	-	-
	Local government	-	5,768.7	5,807.4	5,768.8	5,392.0	-	-	-	-	-
	Local education	-	2,922.8	2,959.6	3,116.5	2,676.2	-	-	-	-	-
	Other local government	-	2,845.9	2,847.8	2,652.3	2,715.8	-	-	-	-	-

<sup>1</sup>For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for all other industries, to nonsupervisory workers.

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

<sup>3</sup>Data for nonsupervisory workers exclude messengers.

<sup>4</sup>Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

<sup>5</sup>Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

\*Not available.

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

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

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

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	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.....	99.6	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.....	115.7	82.1	110.2	108.6	98.9	116.1	114.5	116.7	119.3	132.0	128.6	107.4	136.9
1965: September	116.5	80.8	109.7	109.4	99.7	116.9	115.6	117.4	120.0	133.1	129.8	107.4	138.7
1965: October..	117.0	81.4	110.4	109.9	99.9	117.3	115.8	117.8	120.2	133.8	130.4	107.8	139.4
1965: November.	117.8	81.9	112.0	110.8	100.1	117.9	116.3	118.5	120.4	134.6	131.5	108.4	140.6
1965: December.	118.5	82.2	115.5	111.4	100.2	118.5	116.6	119.2	120.5	135.3	132.3	108.3	141.7
1966: January..	118.9	82.5	114.9	111.9	100.4	119.1	117.1	119.9	120.6	135.8	133.0	109.4	142.3
1966: February..	119.6	82.3	115.1	112.8	100.7	119.4	117.5	120.1	120.6	136.5	134.1	110.7	143.3
1966: March....	120.4	82.7	118.4	113.5	100.8	119.8	118.2	120.4	121.1	137.2	135.5	111.9	144.8
1966: April....	120.6	77.3	115.4	114.0	100.9	120.2	118.6	120.8	121.3	137.5	136.4	113.0	145.7
1966: May.....	120.9	81.6	112.2	114.5	101.4	120.5	119.0	121.1	121.6	138.0	137.2	114.0	146.3
1966: June.....	121.8	82.1	114.3	115.5	101.6	121.0	119.8	121.5	122.1	138.5	138.7	116.1	147.6
1966: July.....	122.0	82.6	114.2	115.2	101.1	121.4	120.3	121.8	122.3	139.4	139.3	117.5	147.9
1966: August....	122.2	82.6	112.4	116.1	100.6	121.5	120.1	121.9	122.5	139.8	139.4	117.9	147.9
1966: September	122.2	82.2	111.6	115.6	102.0	121.4	119.5	122.1	122.2	139.8	139.9	118.2	148.5

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

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

(In thousands)

Industry division and group	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
<b>TOTAL</b> .....	64,181	64,196	64,072	63,983	63,517	63,350	63,247	62,811	62,469	62,241	61,864	61,437	61,180
<b>MINING</b> . . . . .	633	636	636	632	628	595	637	634	635	633	631	627	622
<b>CONTRACT CONSTRUCTION</b> . . . . .	3,223	3,246	3,297	3,300	3,238	3,333	3,419	3,323	3,318	3,334	3,234	3,186	3,168
<b>MANUFACTURING</b> . . . . .	19,195	19,268	19,128	19,167	19,002	18,923	18,840	18,722	18,566	18,492	18,392	18,242	18,157
<b>DURABLE GOODS</b> . . . . .	11,306	11,329	11,210	11,220	11,122	11,065	11,007	10,911	10,805	10,725	10,641	10,550	10,508
Ordnance and accessories . . . . .	263	260	257	257	253	249	245	243	238	232	234	232	230
Lumber and wood products . . . . .	616	621	622	623	623	633	642	633	638	626	618	611	608
Furniture and fixtures . . . . .	457	461	456	458	456	451	451	448	446	442	437	433	431
Stone, clay, and glass products . . . . .	631	637	643	641	643	647	649	646	648	642	635	632	630
Primary metal industries . . . . .	1,348	1,355	1,338	1,333	1,315	1,307	1,300	1,295	1,290	1,284	1,280	1,292	1,309
Fabricated metal products . . . . .	1,354	1,361	1,346	1,348	1,341	1,345	1,344	1,332	1,322	1,310	1,304	1,287	1,279
Machinery . . . . .	1,900	1,901	1,888	1,865	1,846	1,827	1,818	1,810	1,797	1,786	1,779	1,758	1,751
Electrical equipment . . . . .	1,939	1,944	1,903	1,904	1,877	1,860	1,824	1,805	1,773	1,751	1,727	1,708	1,684
Transportation equipment . . . . .	1,931	1,919	1,888	1,915	1,901	1,887	1,881	1,853	1,819	1,807	1,795	1,772	1,769
Instruments and related products . . . . .	431	430	430	428	424	418	415	412	406	401	397	395	392
Miscellaneous manufacturing . . . . .	436	440	439	443	443	441	438	434	428	444	435	430	425
<b>NONDURABLE GOODS</b> . . . . .	7,889	7,939	7,918	7,947	7,880	7,858	7,833	7,811	7,761	7,767	7,751	7,692	7,649
Food and kindred products . . . . .	1,747	1,760	1,763	1,760	1,748	1,757	1,767	1,762	1,758	1,758	1,776	1,751	1,730
Tobacco manufactures . . . . .	77	80	85	86	85	86	86	85	85	86	85	84	84
Textile mill products . . . . .	950	959	955	957	952	950	948	945	942	939	935	929	926
Apparel and related products . . . . .	1,387	1,395	1,388	1,424	1,412	1,396	1,386	1,384	1,356	1,381	1,370	1,365	1,359
Paper and allied products . . . . .	671	677	679	674	665	664	662	661	657	654	650	646	644
Printing and publishing . . . . .	1,032	1,035	1,031	1,026	1,018	1,017	1,009	1,007	1,003	997	995	989	985
Chemicals and allied products . . . . .	965	970	963	961	945	937	936	932	927	924	919	916	914
Petroleum and related products . . . . .	183	184	186	183	183	182	181	181	182	182	182	182	182
Rubber and plastic products . . . . .	518	520	518	515	508	506	500	496	494	492	486	479	475
Leather and leather products . . . . .	359	359	350	361	364	363	358	358	357	354	353	351	350
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> . . . . .	4,158	4,101	4,122	4,143	4,132	4,114	4,109	4,105	4,091	4,083	4,080	4,071	4,064
<b>WHOLESALE AND RETAIL TRADE</b> . . . . .	13,260	13,264	13,256	13,217	13,164	13,128	13,085	13,045	13,009	12,941	12,880	12,809	12,765
<b>WHOLESALE TRADE</b> . . . . .	3,460	3,478	3,483	3,470	3,445	3,434	3,422	3,404	3,391	3,378	3,367	3,354	3,347
<b>RETAIL TRADE</b> . . . . .	9,800	9,786	9,773	9,747	9,719	9,694	9,663	9,641	9,618	9,563	9,513	9,455	9,418
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> . . . . .	3,091	3,100	3,095	3,090	3,076	3,068	3,064	3,051	3,052	3,049	3,045	3,041	3,036
<b>SERVICE AND MISCELLANEOUS</b> . . . . .	9,642	9,641	9,609	9,549	9,515	9,484	9,463	9,410	9,363	9,329	9,282	9,226	9,180
<b>GOVERNMENT</b> . . . . .	10,979	10,940	10,929	10,885	10,762	10,705	10,630	10,521	10,435	10,380	10,320	10,235	10,188
<b>FEDERAL</b> . . . . .	2,616	2,610	2,601	2,571	2,523	2,501	2,477	2,451	2,423	2,397	2,400	2,386	2,378
<b>STATE AND LOCAL</b> . . . . .	8,363	8,330	8,328	8,314	8,239	8,204	8,153	8,070	8,012	7,983	7,920	7,849	7,810

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

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

**Table B-6: Production workers on manufacturing payrolls, by industry, seasonally adjusted**

(In thousands)

Major industry group	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
<b>MANUFACTURING . . . . .</b>	14,255	14,337	14,201	14,281	14,154	14,100	14,048	13,967	13,833	13,779	13,706	13,567	13,503
<b>DURABLE GOODS . . . . .</b>	8,378	8,404	8,293	8,328	8,261	8,226	8,190	8,123	8,033	7,973	7,905	7,825	7,794
Ordnance and accessories . . . . .	126	124	122	120	118	114	112	110	106	100	101	100	99
Lumber and wood products, except furniture . . .	537	542	543	550	546	554	563	556	557	549	542	535	532
Furniture and fixtures . . . . .	378	381	378	381	379	374	375	372	370	367	362	359	357
Stone, clay, and glass products . . . . .	505	512	515	515	516	521	525	520	525	516	509	507	506
Primary metal industries . . . . .	1,100	1,104	1,090	1,086	1,070	1,066	1,058	1,055	1,051	1,044	1,043	1,052	1,068
Fabricated metal products . . . . .	1,048	1,061	1,043	1,048	1,046	1,049	1,047	1,039	1,029	1,020	1,015	997	991
Machinery . . . . .	1,340	1,338	1,331	1,312	1,229	1,284	1,278	1,274	1,262	1,256	1,250	1,234	1,227
Electrical equipment and supplies . . . . .	1,350	1,353	1,320	1,327	1,308	1,297	1,268	1,260	1,233	1,216	1,195	1,177	1,159
Transportation equipment . . . . .	1,372	1,361	1,324	1,358	1,351	1,344	1,344	1,323	1,296	1,290	1,284	1,267	1,264
Instruments and related products . . . . .	277	278	277	276	273	270	269	266	261	258	255	253	252
Miscellaneous manufacturing industries . . . . .	345	350	350	355	355	353	351	348	343	357	349	344	339
<b>NONDURABLE GOODS . . . . .</b>	5,877	5,933	5,908	5,953	5,893	5,874	5,858	5,844	5,800	5,806	5,801	5,742	5,709
Food and kindred products . . . . .	1,153	1,165	1,165	1,166	1,154	1,163	1,174	1,169	1,163	1,163	1,182	1,155	1,137
Tobacco manufactures . . . . .	65	67	73	74	73	74	74	73	73	73	72	72	73
Textile mill products . . . . .	846	856	850	854	850	847	846	843	842	838	835	830	826
Apparel and related products . . . . .	1,230	1,240	1,232	1,268	1,257	1,239	1,230	1,231	1,204	1,229	1,220	1,214	1,209
Paper and allied products . . . . .	521	529	530	525	519	518	515	514	512	509	506	502	501
Printing, publishing, and allied industries . . . .	654	658	656	654	648	647	642	641	639	633	633	628	624
Chemicals and allied products . . . . .	575	583	577	578	564	559	560	558	555	553	551	547	549
Petroleum refining and related industries . . . . .	114	115	115	115	113	113	112	113	113	113	113	113	113
Rubber and miscellaneous plastic products . . . .	404	407	403	403	396	395	390	387	386	384	379	373	370
Leather and leather products . . . . .	315	313	307	316	319	319	315	315	313	311	310	308	307

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



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
1	ALABAMA .....	925.2	922.2	892.2	8.6	8.7	8.4	61.2	60.3	57.6	292.3	289.8	283.1
2	Birmingham .....	220.5	220.2	215.7	4.0	4.1	3.8	13.6	13.5	13.6	66.4	66.2	66.5
3	Huntsville .....	81.6	82.2	77.3	(1)	(1)	(1)	3.9	4.0	4.7	14.1	14.1	13.7
4	Mobile .....	101.8	102.3	106.2	(1)	(1)	(1)	5.6	5.6	6.2	21.7	21.9	22.8
5	Montgomery .....	65.6	65.1	62.4	(1)	(1)	(1)	6.1	6.2	5.7	9.6	9.6	9.1
6	Tuscaloosa .....	31.4	31.7	30.1	(1)	(1)	(1)	1.9	1.9	2.0	8.8	8.8	8.6
7	ALASKA ..	83.1	83.2	81.4	1.3	1.3	1.1	9.4	8.7	10.2	10.3	11.5	10.1
8	ARIZONA .....	421.3	420.9	396.8	16.8	16.6	15.7	23.0	23.2	18.3	77.1	76.2	63.5
9	Phoenix .....	246.8	246.8	228.2	.2	.2	.1	13.3	13.4	11.1	59.8	59.2	48.8
10	Tucson .....	79.2	78.8	72.1	4.1	4.1	3.6	5.6	5.7	3.8	7.7	7.4	6.1
11	ARKANSAS .....	488.5	485.5	473.1	4.7	4.7	4.9	32.7	31.9	32.7	146.7	144.4	135.9
12	Fayetteville .....	22.6	22.7	20.5	(1)	(1)	(1)	1.5	1.7	1.2	8.1	7.9	6.8
13	Fort Smith .....	37.4	37.6	38.7	.4	.4	.4	1.8	1.8	2.1	12.9	13.3	13.4
14	Little Rock-North Little Rock ..	103.9	103.8	101.5	(1)	(1)	(1)	9.8	9.8	9.6	20.0	19.8	19.3
15	Pine Bluff .....	22.5	22.4	22.0	(1)	(1)	(1)	1.7	1.6	1.5	5.6	5.7	5.5
16	CALIFORNIA .....	6,122.0	6,087.1	5,868.3	33.5	33.6	32.6	322.2	325.4	341.6	1,540.6	1,509.1	1,461.7
17	Anaheim-Santa Ana-Garden Grove ..	325.2	323.7	296.5	1.9	1.9	1.8	21.6	21.8	21.7	107.9	107.6	97.5
18	Bakersfield 2 .....	86.0	87.0	82.9	7.9	7.9	7.9	3.9	3.9	4.1	9.0	9.0	8.7
19	Fresno 2 .....	108.1	107.8	105.1	1.0	1.0	1.2	5.9	6.0	5.7	18.2	17.2	17.8
20	Los Angeles-Long Beach .....	2,590.9	2,591.0	2,480.0	10.0	10.2	10.4	113.9	114.2	121.3	811.5	811.0	760.8
21	Oxnard-Ventura .....	75.4	74.6	70.6	2.7	2.7	2.6	4.3	4.3	4.9	12.2	11.9	12.2
22	Sacramento 2 .....	244.8	240.1	233.0	.4	.4	.4	14.1	13.5	17.1	31.8	28.0	32.6
23	San Bernardino-Riverside-Ontario ..	253.7	254.7	242.8	2.1	2.1	1.9	15.3	15.6	16.5	47.4	47.1	43.4
24	San Diego .....	287.3	284.6	271.6	.4	.4	.5	13.7	13.8	15.0	55.9	55.2	49.9
25	San Francisco-Oakland .....	1,127.1	1,119.8	1,097.8	1.9	1.9	1.9	64.3	64.8	68.7	212.0	206.1	209.7
26	San Jose .....	310.0	304.2	281.9	.2	.2	.2	16.9	17.2	17.9	111.5	106.4	98.3
27	Santa Barbara .....	69.4	68.4	64.8	1.1	1.1	1.0	4.3	4.2	4.1	10.7	10.7	10.0
28	Santa Rosa 2 .....	42.9	41.5	41.7	.2	.2	.2	2.8	2.9	3.3	7.9	6.2	6.7
29	Stockton 2 .....	84.2	79.0	78.3	.1	.1	.1	3.9	4.0	4.0	19.6	14.8	19.2
30	Vallejo-Napa .....	61.0	60.5	57.2	.2	.2	.2	2.5	2.5	2.7	7.6	7.3	6.3
31	COLORADO .....	633.4	631.2	603.2	13.5	13.5	12.7	42.9	42.7	40.9	98.8	97.8	91.7
32	Denver .....	395.1	393.4	379.1	3.6	3.6	3.5	26.2	26.1	23.5	71.0	70.0	65.2
33	CONNECTICUT .....	1,093.7	1,089.2	1,041.5	(3)	(3)	(3)	56.6	56.1	55.6	468.9	465.9	438.0
34	Bridgeport .....	145.5	145.1	138.7	(3)	(3)	(3)	6.5	6.3	6.4	76.2	75.3	70.5
35	Hartford .....	285.5	286.3	273.1	(3)	(3)	(3)	13.8	13.5	14.1	107.9	109.3	98.6
36	New Britain .....	44.6	44.4	42.1	(3)	(3)	(3)	2.0	2.0	1.9	24.8	24.7	23.3
37	New Haven .....	144.0	144.4	141.6	(3)	(3)	(3)	9.4	9.3	9.7	46.3	47.0	45.2
38	Stamford .....	70.5	70.9	67.9	(3)	(3)	(3)	4.0	4.1	4.0	24.7	24.9	22.6
39	Waterbury .....	74.2	73.8	71.9	(3)	(3)	(3)	2.7	2.7	2.6	39.2	38.9	37.8
40	DELAWARE .....	188.1	189.0	181.9	(1)	(1)	(1)	15.0	14.9	14.2	67.9	67.9	65.1
41	Wilmington .....	168.9	170.0	163.0	(1)	(1)	(1)	12.5	12.3	11.5	64.7	64.9	62.3
42	DISTRICT OF COLUMBIA 4 .....	(5)	660.0	630.2	(5)	(1)	(1)	(5)	26.3	28.2	(5)	21.5	20.6
43	Washington SMSA .....	(5)	1,003.0	950.8	(5)	(1)	(1)	(5)	77.3	77.9	(5)	43.2	40.8
44	FLORIDA .....	1,654.6	1,653.2	1,584.4	11.0	11.1	10.1	143.1	141.9	142.7	261.9	259.2	243.0
45	Fort Lauderdale-Hollywood .....	109.6	109.1	102.1	(1)	(1)	(1)	14.6	14.1	14.0	12.4	12.3	11.4
46	Jacksonville .....	163.1	163.5	158.9	(1)	(1)	(1)	10.7	10.8	11.0	23.3	23.7	21.5
47	Miami .....	348.4	354.8	351.3	(1)	(1)	(1)	23.7	23.6	22.8	54.6	55.0	53.5
48	Orlando .....	105.5	105.0	98.6	(1)	(1)	(1)	9.2	9.0	9.4	18.7	18.5	17.0
49	Pensacola .....	56.8	56.7	55.3	(1)	(1)	(1)	4.6	4.6	4.4	14.4	14.4	14.8
50	Tampa-St. Petersburg .....	239.4	237.9	228.5	(1)	(1)	(1)	19.0	18.9	19.1	44.5	42.9	40.1
51	West Palm Beach .....	76.8	76.0	70.9	(1)	(1)	(1)	8.4	8.3	8.2	14.7	14.2	13.5
52	GEORGIA .....	1,310.5	1,314.1	1,260.7	5.4	5.6	5.5	69.0	73.8	80.0	420.3	421.5	403.2
53	Atlanta .....	486.1	494.7	475.0	(1)	(1)	(1)	24.3	28.4	35.0	108.9	114.0	105.1

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			Service and miscellaneous			Government			
Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	
53.3	52.9	52.1	170.2	169.8	166.9	37.1	37.1	36.8	117.4	117.9	115.8	185.1	185.7	171.5	1
16.9	16.8	16.7	48.9	48.9	48.9	15.5	15.5	15.3	28.1	28.0	27.4	27.1	27.2	23.5	2
2.1	2.1	2.0	11.2	11.3	11.2	2.2	2.1	1.8	19.5	20.0	18.7	28.6	28.6	25.2	3
9.2	9.3	9.7	23.2	23.2	23.0	4.3	4.3	4.4	15.3	15.2	15.0	22.5	22.8	25.1	4
4.4	4.4	4.2	14.1	14.0	13.8	4.4	4.3	4.2	9.9	9.8	9.6	17.1	16.8	15.8	5
1.2	1.2	1.2	5.4	5.4	5.2	.9	.9	.9	3.1	3.1	3.0	10.1	10.4	9.2	6
8.2	8.1	8.0	10.8	10.7	10.2	2.3	2.2	2.1	8.3	8.2	7.6	32.5	32.5	32.1	7
26.1	26.2	24.7	95.7	96.0	92.8	22.4	22.5	22.0	67.6	67.8	69.1	92.6	92.4	90.7	8
14.5	14.5	13.4	59.5	59.6	57.8	16.0	16.1	16.0	39.3	39.4	37.9	44.2	44.4	43.1	9
5.1	5.1	5.1	17.8	17.8	16.9	3.7	3.7	3.7	13.7	13.7	13.3	21.5	21.3	19.6	10
31.9	31.9	31.0	99.7	99.1	97.0	19.4	19.3	18.2	64.3	63.9	63.4	89.1	90.3	90.0	11
1.7	1.7	1.6	4.5	4.4	4.2	.5	.5	.5	2.3	2.4	2.2	4.0	4.1	3.9	12
2.7	2.7	2.7	8.0	8.0	8.2	1.2	1.2	1.2	5.7	5.6	5.6	4.6	4.6	5.0	13
9.0	9.0	8.8	22.4	22.4	21.9	8.1	8.1	7.6	15.2	15.2	14.9	19.4	19.6	19.6	14
2.8	2.8	2.7	4.1	4.0	4.0	.8	.8	.8	2.8	2.8	2.8	4.7	4.7	4.7	15
400.2	399.9	397.4	1,334.2	1,330.2	1,288.2	332.7	331.9	323.6	997.3	994.6	947.2	1,161.3	1,162.4	1,076.0	16
11.1	11.1	10.3	71.3	71.0	64.4	14.0	14.1	13.6	49.8	49.0	45.4	47.6	47.2	41.8	17
6.4	6.7	6.2	20.1	20.2	19.3	2.7	2.7	2.8	11.5	12.0	11.1	24.5	24.6	22.8	18
8.3	8.4	8.3	31.4	31.2	31.3	4.9	4.9	4.7	16.8	16.9	16.7	21.6	22.2	19.4	19
155.2	155.0	150.8	567.7	567.3	551.3	150.5	150.8	147.1	441.8	441.7	420.2	340.3	340.8	318.1	20
3.6	3.5	3.4	17.5	17.5	16.3	2.4	2.4	2.3	10.0	10.0	9.1	22.7	22.3	19.8	21
18.3	18.3	17.7	49.2	48.2	47.1	9.9	9.8	9.8	29.5	29.4	27.9	91.6	92.5	80.4	22
17.9	18.0	17.8	54.9	55.2	52.9	9.6	9.6	9.4	42.2	42.5	39.6	64.3	64.6	61.3	23
16.4	16.3	15.5	62.9	62.2	60.4	14.1	14.1	14.1	51.0	49.6	49.1	73.9	73.0	67.1	24
106.7	106.2	110.5	241.2	240.7	236.1	83.6	83.5	82.0	180.3	180.3	171.2	237.1	236.3	217.7	25
14.2	14.0	12.8	53.3	52.7	49.4	10.9	10.9	10.9	55.7	55.4	50.3	47.3	47.4	42.1	26
3.3	3.3	3.2	15.8	15.7	15.2	2.6	2.6	2.6	15.4	15.2	14.6	16.2	15.6	14.1	27
2.6	2.6	2.5	10.9	10.8	10.5	3.4	3.4	3.6	6.7	6.6	6.4	8.4	8.8	8.5	28
6.7	6.9	6.5	18.1	18.0	17.6	2.6	2.6	2.6	10.7	10.7	10.3	22.5	21.9	18.0	29
3.2	3.2	2.9	10.6	10.6	10.4	1.8	1.8	1.7	7.8	7.7	7.6	27.3	27.2	25.4	30
45.8	45.7	45.5	145.9	145.6	141.0	31.8	31.8	31.5	103.3	102.7	100.2	151.4	151.4	139.7	31
30.8	30.6	31.2	98.0	97.8	93.9	24.3	24.2	24.0	68.1	68.1	66.1	73.1	73.0	71.7	32
47.1	46.7	46.6	192.6	192.4	183.7	62.5	61.5	60.2	146.9	147.0	143.0	119.1	119.6	114.4	33
5.6	5.7	5.4	24.6	24.9	24.5	4.3	4.3	4.2	16.5	16.5	16.6	11.8	12.1	11.2	34
9.8	9.9	9.6	50.6	51.3	50.1	36.1	35.3	35.3	36.3	36.4	35.5	31.1	30.6	30.0	35
2.0	2.0	1.9	6.7	6.6	6.3	1.0	1.0	.9	4.2	4.3	4.2	3.9	3.9	3.4	36
13.3	13.0	13.0	27.4	27.7	26.9	7.5	7.5	7.4	26.0	26.1	25.8	14.0	13.9	13.6	37
2.7	2.8	2.8	14.9	15.1	15.0	3.1	3.1	3.0	14.3	14.5	14.0	6.7	6.5	6.6	38
2.8	2.8	2.8	11.3	11.3	10.9	1.9	1.9	1.8	8.9	8.9	8.8	7.4	7.3	7.2	39
10.4	10.5	10.5	35.9	36.1	34.6	7.6	7.6	7.2	25.6	26.5	25.1	25.7	25.5	25.2	40
8.9	9.1	9.0	30.9	31.0	30.0	6.8	6.8	6.5	23.0	23.8	22.4	22.1	22.1	21.3	41
(5)	32.2	32.0	(5)	88.4	88.4	(5)	33.3	32.3	(5)	120.5	115.3	(5)	337.8	313.4	42
(5)	51.8	51.8	(5)	185.1	180.0	(5)	62.9	58.4	(5)	201.3	188.0	(5)	381.4	353.9	43
106.7	109.0	113.7	440.6	439.0	420.1	99.9	99.9	98.9	290.4	291.5	277.0	301.0	301.6	278.9	44
6.4	6.7	6.2	31.5	31.4	28.8	8.0	7.9	7.5	19.3	19.4	18.5	17.4	17.3	15.7	45
16.9	16.6	16.9	45.4	45.6	45.5	14.9	15.0	14.5	23.7	23.7	23.8	28.2	28.1	25.7	46
28.8	31.8	37.8	97.8	98.4	96.1	25.3	25.3	25.0	75.3	76.5	74.8	42.9	44.2	41.3	47
6.0	6.0	5.8	31.3	31.1	28.9	7.2	7.2	6.9	17.4	17.5	16.8	15.7	15.7	13.8	48
3.1	3.1	3.2	12.2	12.1	12.0	2.2	2.2	2.2	6.1	6.1	5.7	14.2	14.2	13.0	49
16.2	16.2	16.8	69.1	69.4	66.9	14.5	14.5	13.9	39.4	39.4	37.3	36.7	36.6	34.4	50
3.7	3.7	3.7	18.9	18.9	17.6	4.7	4.6	4.5	12.6	12.6	11.6	13.8	13.7	11.8	51
86.8	87.2	84.3	277.9	275.3	262.3	63.0	62.9	61.6	149.0	148.6	146.0	239.1	239.2	217.8	52
44.8	45.3	44.6	129.6	129.1	122.8	35.9	35.9	35.0	69.8	69.2	67.3	72.8	72.8	65.2	53

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
GEORGIA (continued)													
1	Augusta .....	76.9	76.8	72.3	(1)	(1)	(1)	5.4	5.5	7.0	29.6	29.6	27.3
2	Savannah .....	58.8	58.5	57.5	(1)	(1)	(1)	3.2	3.3	3.8	16.0	15.6	15.6
HAWAII .....													
3	Honolulu .....	237.5	239.8	226.1	(1)	(1)	(1)	18.6	18.8	17.9	29.7	32.0	29.7
4	Honolulu .....	201.6	203.1	190.4	(1)	(1)	(1)	16.1	16.2	15.1	21.7	23.4	21.4
IDAHO <sup>2</sup> .....													
5	Boise <sup>2</sup> .....	192.5	189.5	187.1	3.6	3.7	3.6	13.6	13.6	14.4	35.7	33.6	35.0
6	Boise <sup>2</sup> .....	34.7	34.7	33.2	(1)	(1)	(1)	2.2	2.2	2.4	3.9	3.9	3.8
ILLINOIS .....													
7	Chicago .....	4,061.1	4,039.6	3,888.7	25.6	25.7	26.3	187.5	185.2	182.6	1,395.9	1,376.0	1,319.3
8	Chicago .....	2,772.2	2,752.5	2,676.5	6.6	6.4	6.7	116.8	116.0	114.3	961.8	944.8	914.1
9	Davenport-Rock Island-Moline .....	(5)	128.3	122.7	(5)	(3)	(3)	(5)	6.9	6.6	(5)	49.7	46.5
10	Peoria .....	(5)	118.7	115.7	(5)	(3)	(3)	(5)	6.9	7.2	(5)	47.9	45.5
11	Rockford .....	(5)	104.5	95.2	(5)	(3)	(3)	(5)	4.8	4.5	(5)	57.0	50.5
INDIANA .....													
12	Evansville .....	1,729.8	1,722.7	1,638.3	8.0	8.1	8.3	91.8	91.3	85.0	718.0	711.9	678.0
13	Evansville .....	80.8	81.4	78.6	2.0	2.0	1.8	4.3	4.3	4.6	30.8	31.9	28.9
14	Fort Wayne .....	103.7	103.1	100.5	(1)	(1)	(1)	5.0	5.0	5.0	42.7	42.1	41.3
15	Gary-Hammond-East Chicago .....	211.4	211.0	209.9	(1)	(1)	(1)	13.7	13.6	13.4	111.4	111.4	111.1
16	Indianapolis .....	380.5	378.7	365.4	(1)	(1)	(1)	18.3	18.6	18.8	130.3	129.3	124.2
17	Muncie .....	42.1	41.9	39.5	(1)	(1)	(1)	1.8	1.8	1.7	19.0	18.7	17.8
18	South Bend .....	92.1	91.8	88.7	(1)	(1)	(1)	3.9	3.9	3.9	37.1	37.0	34.8
19	Terre Haute .....	49.1	48.5	46.3	.8	.8	.9	2.4	2.3	2.1	14.4	14.1	13.3
IOWA .....													
20	Cedar Rapids .....	797.2	795.1	758.9	3.8	3.8	3.6	50.0	49.8	46.1	212.6	209.8	194.7
21	Cedar Rapids .....	62.0	61.9	57.4	(1)	(1)	(1)	3.6	3.5	2.9	27.4	27.3	24.3
22	Des Moines .....	110.2	110.7	109.2	(1)	(1)	(1)	6.0	6.0	5.6	24.5	24.6	23.1
KANSAS .....													
23	Topeka .....	623.1	628.9	600.3	12.8	13.2	13.9	35.3	35.6	38.5	136.6	139.1	121.8
24	Topeka .....	56.8	56.8	53.3	.1	.1	.1	4.0	4.0	3.0	8.3	8.3	7.4
25	Wichita .....	145.2	145.7	131.4	2.6	2.7	3.0	7.7	7.6	7.3	54.3	54.1	43.7
KENTUCKY .....													
26	Louisville .....	800.4	796.8	771.2	33.0	28.0	28.8	52.7	54.6	53.7	219.0	218.9	209.7
27	Louisville .....	282.2	282.5	273.1	(1)	(1)	(1)	15.6	15.9	15.4	100.2	99.8	94.7
LOUISIANA .....													
28	Baton Rouge .....	958.3	955.9	905.9	53.4	53.3	50.7	91.3	91.8	83.3	166.7	166.2	159.5
29	Baton Rouge .....	90.8	90.6	84.9	.3	.3	.3	15.6	14.9	13.5	16.7	16.8	16.3
30	Lake Charles .....	36.6	37.0	33.8	1.3	1.3	1.3	5.4	5.9	4.5	8.2	8.0	7.5
31	Monroe .....	33.1	33.1	32.0	.5	.5	.5	4.5	4.5	3.9	6.1	6.1	6.0
32	New Orleans .....	353.5	352.3	341.6	12.8	12.7	12.6	28.4	28.6	27.3	60.0	60.6	59.0
33	Shreveport .....	82.3	82.2	77.6	5.3	5.3	5.3	6.5	6.4	5.9	12.5	12.7	10.5
MAINE .....													
34	Lewiston-Auburn .....	312.1	311.6	305.1	(1)	(1)	(1)	17.5	17.6	17.2	116.4	115.0	112.8
35	Lewiston-Auburn .....	27.6	27.3	26.2	(1)	(1)	(1)	1.4	1.4	1.2	13.6	13.3	12.8
36	Portland .....	59.9	59.7	59.2	(1)	(1)	(1)	3.7	3.7	3.7	14.6	14.4	14.4
MARYLAND <sup>4</sup> .....													
37	Baltimore .....	1,144.8	1,138.8	1,079.2	2.5	2.5	2.5	90.8	89.8	88.8	287.7	283.1	277.1
38	Baltimore .....	706.2	706.4	671.7	.9	.9	.9	45.8	45.2	44.3	204.2	205.3	196.6
MASSACHUSETTS .....													
39	Boston .....	2,129.5	2,118.7	2,078.4	(1)	(1)	(1)	98.3	98.3	104.0	702.0	691.9	676.5
40	Boston .....	1,190.3	1,188.8	1,158.2	(1)	(1)	(1)	57.7	57.1	56.9	296.9	295.7	288.7
41	Brockton .....	46.9	46.1	45.3	-	-	-	2.2	2.2	2.2	17.2	16.5	16.5
42	Fall River .....	44.9	43.4	44.3	(1)	(1)	(1)	(1)	(1)	(1)	22.0	20.6	21.6
43	Lawrence-Haverhill .....	75.9	75.0	75.2	(1)	(1)	(1)	2.5	2.4	2.4	38.9	38.2	38.8
44	Lowell .....	48.9	48.1	48.0	(1)	(1)	(1)	2.7	2.7	2.7	20.3	19.5	19.8
45	New Bedford .....	54.1	53.1	53.3	(1)	(1)	(1)	1.9	1.9	1.9	27.7	26.6	26.9
46	Springfield-Chicopee-Holyoke <sup>6</sup> .....	190.2	188.7	184.2	(1)	(1)	(1)	8.1	8.1	7.6	75.1	73.8	71.4
47	Worcester .....	126.4	125.8	122.9	(1)	(1)	(1)	5.4	5.3	5.3	51.4	50.9	50.1

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--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	
3.4	3.4	3.0	12.7	12.6	11.7	2.7	2.7	2.4	7.1	7.1	7.0	16.0	15.9	13.9	1
6.4	6.6	6.6	13.0	12.8	12.4	2.8	2.8	2.8	7.8	7.8	7.8	9.6	9.6	8.5	2
17.3	17.4	16.8	53.8	54.1	50.3	13.4	13.6	13.1	40.9	41.1	39.1	63.8	62.8	59.2	3
14.7	14.9	14.3	46.3	46.6	42.9	12.4	12.5	12.2	34.6	34.7	32.9	55.8	54.8	51.6	4
14.2	14.2	14.5	46.8	46.3	45.0	7.4	7.3	7.2	27.6	27.6	26.8	43.6	43.2	40.6	5
3.1	3.1	3.0	9.7	9.7	8.9	2.3	2.3	2.2	5.1	5.1	4.8	8.4	8.4	8.1	6
280.0	282.3	280.4	851.6	850.1	821.9	210.1	210.5	204.8	594.6	595.2	569.9	515.9	514.6	483.5	7
197.2	198.6	198.2	586.8	585.5	572.7	162.3	162.3	160.2	440.6	440.3	425.6	300.2	298.6	284.8	8
(5)	6.9	6.7	(5)	25.2	25.0	(5)	4.8	4.7	(5)	14.8	14.3	(5)	19.9	19.0	9
(5)	6.5	6.5	(5)	24.4	24.4	(5)	4.6	4.4	(5)	15.7	15.0	(5)	12.8	12.6	10
(5)	3.5	3.3	(5)	19.0	17.3	(5)	2.7	2.9	(5)	10.8	10.4	(5)	6.8	6.3	11
97.0	96.7	93.7	326.4	327.0	314.2	67.4	67.3	65.5	177.7	177.9	170.2	243.5	242.5	223.4	12
4.9	4.9	5.0	17.2	17.2	17.3	2.9	2.9	2.9	10.7	10.3	10.6	8.0	7.9	7.5	13
7.5	7.5	7.2	21.8	21.9	21.5	5.4	5.4	5.3	12.4	12.3	11.9	8.9	8.9	8.3	14
13.4	13.4	13.3	33.2	33.1	32.9	5.5	5.5	5.4	17.7	17.5	17.3	16.5	16.5	16.5	15
26.2	26.2	25.1	82.1	81.8	79.0	25.3	25.1	24.2	43.2	42.8	41.4	55.1	54.9	52.7	16
2.4	2.4	2.2	7.8	7.9	7.6	1.3	1.3	1.3	4.3	4.3	4.1	5.5	5.5	4.8	17
4.7	4.7	4.6	18.5	18.4	18.5	4.7	4.7	4.6	14.7	14.6	14.3	8.5	8.5	8.0	18
4.2	4.2	4.2	12.4	12.2	11.5	1.7	1.7	1.6	5.3	5.4	5.2	7.9	7.8	7.5	19
51.4	51.6	51.0	192.2	191.7	185.6	37.7	37.9	36.5	114.4	114.1	110.5	135.1	136.5	130.9	20
3.2	3.1	3.1	12.2	12.0	11.9	2.7	2.7	2.7	7.9	7.8	7.7	5.2	5.4	4.9	21
7.8	7.9	8.1	27.8	27.9	28.1	12.0	12.2	12.4	16.6	16.7	17.2	15.6	15.6	14.9	22
51.5	51.8	51.0	142.7	143.2	141.7	26.8	26.8	26.4	88.3	88.1	86.0	129.1	131.1	121.0	23
7.3	7.3	7.1	11.9	11.9	11.6	3.3	3.3	3.1	8.6	8.5	8.3	13.4	13.6	12.8	24
7.5	7.5	7.4	30.8	30.9	29.5	6.0	6.2	6.1	20.3	20.4	19.3	16.1	16.5	15.2	25
55.2	55.4	55.0	162.6	163.6	156.5	31.5	31.6	30.3	106.7	106.0	102.8	139.7	138.7	134.4	26
21.1	21.2	21.2	60.3	60.4	58.8	14.7	14.7	14.3	40.4	40.6	39.2	29.9	29.9	29.6	27
91.5	91.1	83.7	209.7	208.7	203.0	43.3	42.9	41.4	132.2	131.7	124.6	170.2	170.2	159.7	28
5.1	5.0	4.8	18.3	18.4	17.2	4.7	4.7	4.5	11.7	11.5	11.1	18.3	19.0	17.3	29
3.3	3.4	3.2	7.3	7.3	7.0	1.3	1.3	1.3	4.4	4.4	4.3	5.4	5.4	4.7	30
2.2	2.2	2.1	8.4	8.4	8.4	1.7	1.7	1.7	4.5	4.5	4.4	5.2	5.2	5.0	31
46.3	46.1	44.7	84.9	83.6	81.5	20.3	20.2	19.8	55.9	55.9	55.1	44.8	44.6	41.8	32
8.7	8.8	8.7	21.4	21.1	20.7	4.0	4.0	4.0	11.6	11.5	11.2	12.3	12.2	11.4	33
16.9	17.3	16.9	58.1	57.8	57.6	10.2	10.2	10.0	38.3	37.9	37.7	54.7	55.8	52.9	34
9.9	9.9	9.9	5.5	5.4	5.3	4.8	4.9	4.8	3.7	3.7	3.5	1.7	1.7	1.7	35
5.4	5.4	5.4	15.7	15.7	15.6	4.6	4.5	4.4	9.7	9.6	9.6	6.2	6.4	6.1	36
74.0	73.9	72.0	247.9	248.4	233.7	59.1	59.1	56.0	185.1	184.3	173.4	197.7	197.7	175.7	37
53.4	53.4	52.6	145.5	145.7	140.2	36.7	36.7	35.4	107.3	107.0	101.3	112.4	112.2	100.4	38
106.4	107.1	107.5	427.9	427.9	420.4	112.7	113.0	111.0	387.7	387.5	376.4	294.5	293.0	282.6	39
65.0	65.7	67.1	260.9	261.5	250.9	81.3	81.3	79.7	255.6	256.4	248.9	172.9	171.1	166.0	40
2.8	2.8	2.8	11.2	11.2	10.8	1.4	1.4	1.4	5.2	5.1	5.0	6.9	6.9	6.6	41
1.7	1.7	1.7	8.5	8.5	8.4	(1)	(1)	(1)	8.4	8.3	8.2	4.3	4.3	4.4	42
1.9	1.9	1.9	13.3	13.3	13.1	2.1	2.1	2.1	9.3	9.3	9.3	7.9	7.8	7.6	43
1.9	1.9	1.9	8.8	8.8	8.8	1.3	1.3	1.3	7.4	7.4	7.2	6.5	6.5	6.3	44
2.6	2.6	2.6	9.6	9.6	9.3	(1)	(1)	(1)	8.2	8.3	8.0	4.1	4.1	4.6	45
8.4	8.4	8.5	34.7	34.6	34.8	8.7	8.8	8.7	30.7	30.7	29.3	24.5	24.3	23.9	46
5.9	5.9	5.8	22.6	22.4	22.1	6.1	6.1	6.0	20.2	20.2	19.3	14.8	15.0	14.3	47

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
1	MICHIGAN .....	2,731.2	2,764.3	2,620.3	13.2	13.5	14.3	126.2	123.7	128.8	1,063.9	1,091.9	1,024.9
2	Ann Arbor .....	80.7	85.6	82.2	(1)	(1)	(1)	3.7	3.6	3.0	25.0	30.2	29.3
3	Bay City .....	29.2	27.9	27.4	(1)	(1)	(1)	1.4	1.5	1.2	12.5	11.1	11.5
4	Detroit .....	1,350.3	1,371.5	1,321.2	.9	.9	1.0	55.9	54.8	61.5	550.8	574.1	537.8
5	Flint .....	133.6	144.8	133.8	(1)	(1)	(1)	6.2	6.1	7.2	67.7	78.5	68.5
6	Grand Rapids .....	166.1	158.7	154.8	(1)	(1)	(1)	9.8	9.5	9.2	74.1	67.5	65.5
7	Kalamazoo .....	65.1	64.0	60.5	(1)	(1)	(1)	3.4	3.3	4.0	28.9	28.0	24.8
8	Lansing .....	105.3	113.8	107.8	(1)	(1)	(1)	5.5	5.5	4.9	30.3	37.8	36.4
9	Muskegon-Muskegon Heights .....	50.6	50.2	48.3	(1)	(1)	(1)	1.9	1.8	1.7	28.4	28.1	26.4
10	Saginaw .....	66.9	64.9	61.9	(1)	(1)	(1)	3.6	3.6	3.3	31.2	29.1	28.0
11	MINNESOTA .....	1,160.1	1,149.0	1,099.6	16.8	16.8	16.0	75.8	74.7	70.5	286.3	281.3	269.9
12	Duluth-Superior .....	57.4	57.2	54.1	(1)	(1)	(1)	3.1	3.1	3.0	10.7	10.9	10.0
13	Minneapolis-St. Paul .....	683.5	678.3	643.5	(1)	(1)	(1)	42.8	42.1	39.3	185.8	184.1	172.5
14	MISSISSIPPI .....	503.7	501.4	483.8	5.5	5.5	5.8	32.4	32.0	31.9	164.2	162.7	155.4
15	Jackson .....	77.5	77.6	75.0	.8	.8	.8	6.0	6.3	6.2	13.3	13.2	12.5
16	MISSOURI .....	1,517.7	1,533.0	1,477.3	8.2	8.2	8.4	81.6	84.4	85.9	434.2	443.2	413.9
17	Kansas City .....	455.9	461.6	443.9	.6	.6	.6	26.1	25.8	25.8	121.3	128.4	113.2
18	St. Louis .....	853.5	859.6	819.9	2.9	2.9	3.1	46.1	48.7	47.8	287.8	289.2	276.5
19	MONTANA .....	194.6	195.3	188.3	7.5	7.5	7.6	15.3	15.1	14.5	24.6	24.5	23.2
20	Billings .....	24.9	25.2	24.8	(1)	(1)	(1)	1.7	1.7	1.7	2.8	2.8	2.8
21	Great Falls .....	23.7	23.4	23.2	(1)	(1)	(1)	2.3	2.2	2.7	3.4	3.4	3.3
22	NEBRASKA .....	434.1	433.9	417.4	2.1	2.1	2.1	27.2	27.1	27.0	77.6	76.9	69.7
23	Omaha .....	185.4	185.3	177.4	(3)	(3)	(3)	13.2	13.0	12.2	38.1	38.1	35.5
24	NEVADA <sup>2</sup> .....	164.7	165.0	164.7	4.2	4.2	4.0	9.0	9.7	11.9	7.2	7.3	7.3
25	Reno .....	49.9	50.1	49.1	(7)	(7)	(7)	4.8	5.0	5.5	2.8	2.8	2.7
26	NEW HAMPSHIRE .....	248.5	246.7	231.6	.3	.3	.2	13.2	13.1	11.7	97.9	96.4	90.6
27	Manchester .....	47.4	46.8	45.2	(1)	(1)	(1)	2.6	2.6	2.5	18.4	18.0	17.4
28	NEW JERSEY .....	2,355.5	2,349.7	2,287.1	3.2	3.2	3.6	124.1	123.5	119.9	857.0	850.5	839.6
29	Atlantic City .....	68.7	65.5	65.0	-	-	-	3.9	4.1	3.3	10.1	9.1	9.8
30	Jersey City <sup>8</sup> .....	257.3	255.9	253.9	-	-	-	7.1	7.0	7.0	116.1	114.8	114.9
31	Newark <sup>8</sup> .....	736.1	737.6	720.7	.6	.6	.9	36.0	36.1	35.2	251.5	252.7	244.0
32	Paterson-Clifton-Passaic <sup>8</sup> .....	433.7	431.9	421.6	.4	.4	.5	25.4	25.4	24.7	176.1	174.1	172.3
33	Perth Amboy <sup>8</sup> .....	223.7	222.8	214.4	.8	.8	.8	11.8	11.8	11.7	103.4	102.1	100.6
34	Trenton .....	122.9	122.1	120.2	(1)	(1)	(1)	5.3	5.1	5.3	42.5	41.6	41.5
35	NEW MEXICO <sup>2</sup> .....	273.4	275.1	268.3	16.8	16.7	17.2	19.9	20.0	21.8	18.9	18.9	17.6
36	Albuquerque <sup>2</sup> .....	96.5	97.5	93.4	(1)	(1)	(1)	7.7	7.8	7.5	8.6	8.6	8.2
37	NEW YORK .....	(5)	6,697.5	6,569.2	(5)	9.5	9.9	(5)	287.9	281.4	(5)	1,874.4	1,859.9
38	Albany-Schenectady-Troy .....	258.1	256.2	249.5	(1)	(1)	(1)	13.3	13.1	11.8	66.6	66.7	64.3
39	Binghamton .....	101.7	100.8	100.4	(1)	(1)	(1)	4.4	3.9	5.4	47.4	47.0	45.2
40	Buffalo .....	467.5	462.4	452.4	(1)	(1)	(1)	23.6	23.0	23.0	180.0	175.0	171.5
41	Elmira .....	37.0	36.5	35.3	(1)	(1)	(1)	1.5	1.6	2.4	16.6	16.1	14.6
42	Monroe County <sup>9</sup> .....	282.7	281.4	265.2	(1)	(1)	(1)	17.2	16.8	14.5	130.1	129.4	121.2
43	Nassau and Suffolk Counties <sup>10</sup> .....	609.4	609.3	575.7	(1)	(1)	(1)	41.9	41.8	40.9	145.5	143.4	135.9
44	New York-Northeastern New Jersey .....	(5)	6,179.1	6,081.6	(5)	4.8	5.3	(5)	256.8	254.8	(5)	1,723.9	1,733.6
45	New York SMSA <sup>8</sup> .....	(5)	4,532.2	4,470.8	(5)	3.0	3.1	(5)	176.5	176.1	(5)	1,080.2	1,101.2
46	New York City <sup>10</sup> .....	(5)	3,597.3	3,576.9	(5)	2.4	2.4	(5)	114.7	113.9	(5)	850.7	880.1
47	Rochester .....	320.4	318.8	302.2	(1)	(1)	(1)	18.9	18.6	15.9	143.3	142.0	134.2
48	Rockland County <sup>10</sup> .....	50.4	50.4	48.2	(1)	(1)	(1)	3.3	3.2	3.8	14.3	14.3	14.1
49	Syracuse .....	209.3	207.0	200.8	(1)	(1)	(1)	12.0	11.8	12.0	70.7	69.9	66.1
50	Utica-Rome .....	111.3	110.7	106.2	(1)	(1)	(1)	3.9	3.9	3.9	41.9	41.1	38.9
51	Westchester County <sup>10</sup> .....	274.3	276.0	270.0	(1)	(1)	(1)	17.5	17.1	17.6	68.9	71.7	71.2

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			Service and miscellaneous			Government			
Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	
141.8	142.2	136.7	534.1	534.7	512.9	99.1	99.4	96.0	345.9	347.1	332.0	407.0	411.9	374.6	1
1.8	1.8	2.7	10.2	10.3	9.5	1.9	1.9	1.7	8.0	7.9	7.6	30.1	29.8	28.5	2
1.5	1.5	1.5	6.6	6.5	6.2	.7	.7	.7	3.7	3.7	3.5	2.8	2.9	2.8	3
74.9	74.3	71.0	279.5	279.7	267.9	59.1	59.8	58.3	178.4	178.1	177.6	150.9	149.9	146.1	4
4.7	5.0	4.9	21.9	21.9	21.5	3.5	3.5	3.3	14.1	14.1	13.4	15.6	15.6	15.0	5
9.5	9.4	9.2	32.6	32.5	31.6	5.9	5.8	5.6	20.6	20.6	20.6	13.5	13.6	13.1	6
2.3	2.3	2.2	11.3	11.3	11.1	1.8	1.8	1.8	7.7	7.7	7.4	9.8	9.7	9.4	7
3.2	3.3	3.2	19.1	19.2	18.1	3.7	3.7	3.5	12.5	12.5	12.3	31.0	31.8	29.5	8
2.4	2.3	2.6	7.5	7.5	7.5	1.3	1.2	1.3	4.7	4.8	4.5	4.4	4.4	4.3	9
4.5	4.5	3.9	11.7	11.7	11.4	1.8	1.8	1.8	7.6	7.7	7.3	6.4	6.5	6.1	10
81.9	81.1	81.7	267.4	265.7	259.4	54.3	54.0	53.1	171.0	170.2	163.8	206.7	205.2	185.1	11
9.1	9.2	9.2	12.9	12.9	12.3	1.9	1.9	2.0	10.1	10.0	9.7	9.6	9.3	8.1	12
50.7	50.2	51.7	161.2	160.0	156.1	39.9	39.6	38.8	109.0	108.5	104.3	94.0	93.7	80.6	13
27.4	26.9	26.3	93.1	92.7	91.5	17.1	17.1	16.7	56.2	56.5	56.1	107.8	108.0	100.1	14
4.9	4.9	4.8	18.0	17.9	17.5	5.5	5.5	5.3	12.0	12.0	12.0	17.0	17.0	15.9	15
115.8	116.9	117.3	337.8	338.6	333.4	81.7	82.1	81.3	221.1	221.6	214.9	237.3	238.0	222.2	16
41.3	41.3	45.6	112.6	112.6	109.7	29.8	29.6	29.1	65.9	65.7	63.8	58.3	57.6	56.1	17
65.7	66.2	65.4	176.3	177.1	168.0	42.8	43.1	42.0	128.6	129.0	123.0	103.3	103.4	94.1	18
18.6	18.7	18.5	45.8	45.4	44.5	7.5	7.4	7.2	27.3	27.1	26.5	48.0	49.6	46.3	19
2.4	2.4	2.5	7.7	7.7	7.7	1.6	1.6	1.5	4.7	4.7	4.6	4.0	4.3	4.0	20
2.1	2.1	2.1	6.3	6.1	5.9	1.3	1.3	1.3	3.6	3.6	3.7	4.7	4.7	4.2	21
36.9	36.9	36.7	105.4	105.3	102.6	25.4	25.4	25.4	71.8	72.0	68.7	87.6	88.1	85.2	22
20.7	20.7	20.3	44.2	44.1	42.5	14.6	14.7	14.6	29.8	30.1	28.9	24.8	24.8	23.6	23
11.4	11.6	11.7	31.1	31.1	30.6	6.2	6.2	6.4	65.6	64.9	64.6	30.0	30.0	28.2	24
4.2	4.2	4.4	10.7	10.6	10.1	2.7	2.7	2.5	16.6	16.7	15.9	8.1	8.1	8.0	25
9.9	10.0	9.6	43.4	43.2	40.9	8.7	8.7	8.5	48.3	48.3	44.3	26.8	26.7	25.8	26
2.8	2.8	2.8	10.0	9.9	9.4	2.7	2.7	2.7	7.2	7.2	6.7	3.6	3.6	3.7	27
160.2	160.1	158.4	460.2	461.9	442.2	104.8	104.4	102.3	341.0	341.2	330.6	305.0	304.9	290.5	28
3.6	3.6	3.5	20.6	19.4	19.7	2.9	2.9	2.8	18.0	16.8	16.4	9.6	9.6	9.5	29
35.0	34.8	33.9	36.9	37.2	36.9	8.7	8.8	8.7	25.3	25.3	24.9	28.2	28.0	27.6	30
51.8	51.8	53.7	143.4	143.5	139.5	49.9	49.6	49.6	114.8	115.3	114.4	88.1	88.0	83.4	31
22.8	22.8	22.8	94.5	94.8	90.9	14.8	14.8	14.2	57.9	57.9	56.2	41.8	41.7	40.0	32
10.5	10.6	9.9	39.7	40.0	36.3	4.6	4.6	4.5	21.5	21.6	20.7	31.4	31.3	29.9	33
6.2	6.2	6.2	19.4	19.6	19.3	4.5	4.5	4.5	21.5	21.7	21.1	23.5	23.4	22.3	34
20.0	20.0	19.8	57.9	57.7	56.6	11.5	11.5	11.7	50.5	50.2	49.7	77.9	80.1	73.9	35
6.7	6.7	6.6	23.1	23.1	22.7	5.8	5.8	5.9	22.9	22.7	22.1	21.7	22.8	20.4	36
(5)	475.2	479.7	(5)	1,351.4	1,333.3	(5)	519.9	512.7	(5)	1,180.4	1,152.4	(5)	998.9	939.9	37
14.7	14.7	14.3	50.8	50.4	50.4	9.7	9.8	9.7	41.2	40.4	39.9	61.9	61.1	59.2	38
5.0	4.9	4.9	16.6	16.4	16.5	2.9	2.9	2.8	10.7	10.7	10.5	14.9	14.9	15.0	39
32.1	31.9	32.5	89.0	88.7	88.1	17.5	17.6	17.0	62.9	63.3	60.9	62.6	62.9	59.4	40
1.6	1.7	1.6	6.5	6.5	6.4	.9	.9	.9	5.5	5.5	5.1	4.4	4.3	4.2	41
11.3	11.1	11.1	48.1	48.2	45.5	9.8	9.8	9.3	38.8	38.8	36.5	27.4	27.4	27.0	42
24.8	24.8	25.4	151.6	153.2	144.9	26.1	26.0	24.7	113.4	114.1	104.8	106.2	106.0	99.1	43
(5)	475.5	481.7	(5)	1,280.6	1,250.0	(5)	522.9	515.3	(5)	1,087.9	1,060.5	(5)	826.7	780.4	44
(5)	355.2	361.7	(5)	964.8	946.4	(5)	445.1	438.2	(5)	867.9	844.6	(5)	639.3	599.5	45
(5)	311.8	317.8	(5)	740.8	734.9	(5)	404.8	399.2	(5)	686.6	674.0	(5)	485.4	454.7	46
13.1	13.0	12.9	54.4	54.5	52.0	10.5	10.5	10.0	42.9	42.9	40.6	37.3	37.3	36.7	47
2.3	2.3	2.3	8.8	8.9	8.1	1.8	1.8	1.7	8.5	8.4	7.6	11.5	11.5	10.7	48
13.8	13.7	13.3	43.6	43.3	42.4	9.9	9.9	9.7	30.0	30.1	29.1	29.3	28.3	28.2	49
5.4	5.4	5.4	17.8	17.7	17.5	4.1	4.1	4.1	13.2	13.2	12.5	25.0	25.3	23.9	50
17.1	16.9	16.2	60.4	61.1	58.5	12.6	12.6	12.7	60.6	59.7	58.8	37.2	36.8	35.0	51

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
1	NORTH CAROLINA	1,486.3	1,468.2	1,426.7	3.0	3.0	2.9	96.8	98.5	91.9	626.1	609.0	596.6
2	Asheville	-	-	-	-	-	-	-	-	-	20.1	20.0	18.6
3	Charlotte	143.2	143.4	137.1	(1)	(1)	(1)	11.3	11.3	9.7	36.3	36.3	34.8
4	Greensboro-High Point	-	-	-	-	-	-	7.8	7.9	7.1	48.9	49.0	48.4
5	Raleigh	-	-	-	-	-	-	-	-	-	12.7	12.3	11.1
6	Winston-Salem	-	-	-	-	-	-	-	-	-	38.8	34.5	37.8
7	NORTH DAKOTA	149.7	150.3	151.7	2.1	2.0	2.1	12.1	12.0	15.8	8.6	8.7	9.3
8	Fargo-Moorhead	35.1	35.1	33.6	(1)	(1)	(1)	3.1	3.0	3.1	2.3	2.3	2.3
9	OHIO	3,516.2	3,496.9	3,379.1	20.8	20.7	20.1	169.6	167.3	164.8	1,390.7	1,373.2	1,323.6
10	Akron	219.3	216.6	208.1	.3	.3	.3	8.7	8.6	8.7	95.6	93.5	91.6
11	Canton	123.9	124.3	120.7	.5	.5	.5	5.0	4.8	4.8	60.9	61.1	59.2
12	Cincinnati	450.7	448.6	430.3	.4	.5	.4	21.5	21.1	21.0	161.0	159.2	152.3
13	Cleveland	797.8	791.8	770.1	1.1	1.1	1.1	34.1	33.6	33.9	309.7	302.3	295.5
14	Columbus	328.1	319.6	314.7	1.0	1.0	.9	17.7	17.4	17.6	84.5	78.5	80.8
15	Dayton	295.8	294.7	279.8	.6	.6	.5	14.4	14.0	14.0	125.2	124.5	114.9
16	Toledo	211.8	209.9	204.3	.4	.4	.4	10.2	10.1	9.5	78.6	76.1	76.7
17	Youngstown-Warren	182.0	183.4	176.3	.5	.5	.5	9.7	9.4	8.9	84.7	86.1	83.3
18	OKLAHOMA	675.6	674.7	655.4	43.6	43.7	42.8	36.1	36.1	38.5	113.6	112.5	106.2
19	Oklahoma City	218.2	218.2	210.6	6.8	6.8	6.9	12.9	13.0	15.2	30.0	30.0	27.9
20	Tulsa	161.3	161.1	153.8	13.6	13.6	13.7	9.9	9.8	9.5	39.7	39.6	36.3
21	OREGON	659.3	648.1	625.5	1.6	1.8	1.7	38.3	37.6	36.6	180.2	172.9	170.2
22	Eugene	63.7	62.6	61.2	(1)	(1)	(1)	4.4	4.2	4.1	20.9	20.4	21.1
23	Portland	338.1	335.6	319.7	(1)	(1)	(1)	17.0	16.8	17.1	83.5	81.9	75.8
24	PENNSYLVANIA	4,105.5	4,097.5	3,973.9	44.1	43.2	46.6	197.8	196.7	191.0	1,570.4	1,559.7	1,507.2
25	Allentown-Bethlehem-Easton	204.7	203.7	200.1	.5	.5	.5	9.0	8.8	8.6	104.3	104.5	103.5
26	Altoona	44.5	44.5	43.0	(1)	(1)	(1)	1.5	1.5	1.4	14.6	14.7	13.1
27	Erie	89.9	89.9	86.6	(1)	(1)	(1)	3.4	3.5	3.5	43.7	43.8	41.6
28	Harrisburg	164.4	164.1	161.4	(1)	(1)	(1)	9.8	9.8	8.0	39.5	39.0	37.7
29	Johnstown	76.2	75.8	73.7	4.9	4.9	5.0	2.6	2.4	1.8	27.5	27.4	26.9
30	Lancaster	112.0	111.2	106.9	(1)	(1)	(1)	7.3	7.2	6.9	56.3	55.8	53.2
31	Philadelphia	1,639.7	1,641.8	1,592.1	1.3	1.3	1.4	87.4	86.9	84.2	573.2	571.3	551.6
32	Pittsburgh	827.8	827.9	809.9	10.1	9.6	10.0	40.2	40.8	41.1	299.6	299.0	293.6
33	Reading	113.5	112.3	110.8	(1)	(1)	(1)	4.3	4.3	4.6	55.8	55.1	55.2
34	Scranton	81.9	81.1	79.9	.7	.7	1.1	2.4	2.4	2.1	34.6	33.8	33.1
35	Wilkes-Barre-Hazleton	114.2	113.2	110.7	3.3	3.3	4.0	4.5	4.5	5.2	52.2	51.5	47.8
36	York	116.6	115.2	112.0	(1)	(1)	(1)	5.7	5.8	5.9	59.5	58.2	56.9
37	RHODE ISLAND	328.1	325.8	323.2	(1)	(1)	(1)	17.4	17.0	16.2	124.5	123.3	123.2
38	Providence-Pawtucket-Warwick	338.1	333.3	328.3	(1)	(1)	(1)	17.3	16.8	16.0	142.3	139.1	137.6
39	SOUTH CAROLINA	725.6	724.9	684.2	1.8	1.8	1.7	47.1	47.9	46.4	317.1	314.6	295.8
40	Charleston	76.5	76.0	71.0	(1)	(1)	(1)	6.7	6.6	6.3	12.5	12.5	11.3
41	Columbia	85.3	85.8	81.8	(1)	(1)	(1)	6.9	6.9	6.6	17.4	17.5	17.0
42	Greenville	104.8	104.7	100.2	(1)	(1)	(1)	8.3	8.4	8.0	53.1	52.9	49.9
43	SOUTH DAKOTA	151.4	153.4	152.9	2.5	2.5	2.5	8.7	8.7	11.0	14.0	14.2	13.8
44	Sioux Falls	30.9	31.0	30.7	(1)	(1)	(1)	1.8	1.8	2.8	5.7	5.7	5.4
45	TENNESSEE	(5)	1,199.0	1,133.0	(5)	7.2	7.3	(5)	70.4	65.2	(5)	424.4	396.9
46	Chattanooga	118.0	117.0	110.8	.2	.2	.2	6.3	6.6	5.5	50.7	49.7	46.1
47	Knoxville	135.7	135.7	130.6	1.7	1.7	1.7	6.9	6.9	5.9	47.8	47.7	46.4
48	Memphis	235.5	232.9	224.2	.3	.3	.3	14.0	13.9	13.2	56.1	55.6	50.6
49	Nashville	201.0	200.8	192.1	(1)	(1)	(1)	12.7	12.8	13.0	60.8	59.9	56.4
50	TEXAS	3,054.7	3,038.1	2,934.9	109.1	109.1	112.0	194.0	174.2	197.6	612.3	617.6	578.3
51	Austin	-	-	-	-	-	-	-	-	-	6.9	6.8	6.4
52	Beaumont-Port Arthur	-	-	-	-	-	-	-	-	-	33.7	35.0	35.0
53	Corpus Christi	-	-	-	-	-	-	-	-	-	10.4	10.5	10.4

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			Service and miscellaneous			Government			
Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	
77.6	76.9	75.2	262.2	262.0	257.8	55.9	56.0	54.4	163.6	164.2	159.7	201.1	198.6	188.2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
14.2	14.4	14.6	37.7	37.7	37.3	9.5	9.6	9.2	19.1	19.1	18.2	15.1	15.0	13.3	3
6.1	6.0	5.9	23.3	23.3	22.4	6.6	6.7	6.4	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
12.3	12.3	12.3	41.9	41.9	41.4	6.6	6.6	6.5	25.1	25.1	24.7	40.9	41.8	39.5	7
3.1	3.1	3.0	10.7	10.8	10.6	2.1	2.1	2.1	6.4	6.4	6.0	7.4	7.4	6.5	8
210.6	210.7	205.9	670.7	672.3	654.3	137.6	137.6	134.1	448.0	448.9	429.5	468.3	466.2	446.7	9
14.0	14.0	13.8	40.2	40.1	39.4	6.3	6.3	6.1	27.5	27.3	26.1	26.8	26.5	22.2	10
6.5	6.5	6.2	22.3	22.4	22.0	4.2	4.1	4.0	14.3	14.5	14.4	10.3	10.3	9.5	11
32.8	33.0	33.1	92.8	92.8	89.5	24.3	24.3	23.7	60.9	60.9	58.9	56.9	56.9	51.4	12
49.7	50.0	48.5	159.9	161.6	157.1	37.4	37.6	36.6	111.0	111.2	107.1	94.9	94.3	90.4	13
19.5	19.5	19.0	67.5	67.6	64.5	20.4	20.4	19.5	48.5	48.7	46.9	69.0	66.5	65.5	14
11.6	11.6	11.3	49.5	49.4	48.5	8.5	8.4	8.2	35.6	35.5	34.2	50.5	50.6	48.2	15
16.5	16.4	16.0	44.4	44.6	43.2	7.1	7.0	6.9	30.6	30.8	29.2	24.0	24.3	22.3	16
9.9	10.1	9.5	32.3	32.5	31.7	4.6	4.6	4.5	23.6	23.6	22.3	16.8	16.7	15.8	17
48.2	48.4	47.7	151.6	152.3	149.3	31.7	31.7	31.7	92.4	92.1	89.6	158.4	157.9	149.6	18
14.3	14.2	14.0	50.6	50.6	50.1	13.5	13.5	13.5	31.0	30.9	29.9	59.1	59.2	53.1	19
14.7	14.7	14.3	36.8	37.0	35.2	7.6	7.6	7.4	24.4	24.2	23.6	14.6	14.6	13.8	20
48.3	48.4	47.9	149.1	147.6	140.8	29.3	29.5	28.6	92.7	92.0	87.8	119.8	118.3	111.9	21
4.0	4.0	3.9	13.2	12.9	12.1	2.5	2.4	2.3	8.2	8.2	7.5	10.5	10.5	10.2	22
29.4	29.4	29.1	83.5	82.6	79.4	19.8	19.8	19.1	52.4	52.5	50.1	52.8	52.6	49.1	23
264.0	265.6	263.5	738.3	738.7	724.3	170.0	169.7	167.4	598.7	599.1	576.1	522.2	524.8	497.8	24
10.8	10.8	10.7	32.3	31.6	30.8	6.0	5.9	5.7	24.6	24.4	23.9	17.2	17.2	16.4	25
7.9	7.9	8.8	7.3	7.2	7.2	1.2	1.2	1.2	6.8	6.8	6.3	5.2	5.2	5.0	26
5.1	5.1	5.0	15.0	14.9	14.5	2.9	2.8	2.7	11.6	11.6	11.3	8.2	8.2	8.0	27
11.7	11.8	11.9	31.2	30.9	30.0	7.2	7.2	7.1	22.3	22.1	21.2	42.7	43.3	45.5	28
5.8	5.8	5.5	12.4	12.4	11.8	2.0	2.0	1.9	10.7	10.6	10.7	10.3	10.3	10.1	29
4.9	4.9	5.0	18.8	18.7	17.9	2.5	2.5	2.4	14.4	14.2	13.6	7.8	7.9	7.9	30
109.8	110.9	109.6	316.6	317.5	315.8	90.0	89.6	89.7	248.0	250.8	241.7	213.4	213.6	198.1	31
55.4	55.6	55.6	158.1	158.2	156.3	34.2	34.2	33.8	136.9	137.2	132.4	93.3	93.3	87.1	32
6.1	6.0	6.0	17.0	16.7	16.5	4.4	4.4	4.2	15.1	15.1	14.4	10.8	10.7	9.9	33
5.9	5.9	5.9	15.1	15.0	14.8	2.5	2.5	2.5	11.8	11.9	11.7	8.9	8.9	8.7	34
5.9	5.8	6.0	18.7	18.5	18.6	3.6	3.6	3.6	12.7	12.7	12.4	13.3	13.3	13.1	35
5.5	5.5	5.4	19.4	19.2	18.9	2.6	2.6	2.5	13.0	12.9	12.5	10.9	11.0	9.9	36
15.2	14.8	15.0	59.1	58.7	58.1	14.1	14.3	14.1	50.4	50.3	49.8	47.4	47.4	46.8	37
14.7	14.4	14.5	58.2	57.9	56.7	14.0	14.0	13.9	48.4	48.2	47.1	43.2	42.9	42.5	38
30.5	30.5	28.5	117.8	117.6	115.1	24.2	24.2	23.9	70.8	70.8	69.3	116.3	117.5	103.5	39
5.1	5.1	4.8	14.9	14.8	14.3	3.1	3.1	3.0	8.7	8.7	8.4	25.5	25.2	22.9	40
5.6	5.5	5.3	18.4	18.5	17.9	5.4	5.4	5.2	10.1	10.2	10.0	21.5	21.8	19.8	41
4.1	4.1	4.0	17.2	17.2	16.6	3.6	3.6	3.6	10.3	10.3	10.1	8.2	8.2	8.0	42
10.0	10.1	10.1	40.5	40.6	40.4	6.8	6.9	6.9	24.3	24.2	24.9	44.9	46.4	43.5	43
2.8	2.8	2.8	9.6	9.5	9.2	1.9	1.8	1.8	5.2	5.2	4.9	4.0	4.2	3.8	44
(5)	60.3	58.3	(5)	231.4	221.6	(5)	49.1	47.7	(5)	156.0	147.9	(5)	200.2	188.1	45
5.7	5.6	5.6	21.9	21.8	20.8	6.0	6.0	5.8	14.0	13.9	13.6	13.2	13.2	13.1	46
7.1	7.1	6.9	28.0	27.9	26.8	4.4	4.4	4.4	16.9	16.9	16.0	22.9	23.1	22.5	47
17.9	17.5	17.1	60.7	59.0	58.0	12.4	12.4	12.4	35.2	35.5	33.3	38.9	38.7	39.3	48
12.0	12.2	11.6	42.1	41.9	40.2	12.6	12.7	12.2	31.1	31.3	30.2	29.7	30.0	28.5	49
237.9	237.1	229.2	756.2	753.1	726.8	163.7	163.7	156.5	454.0	452.0	433.1	527.5	531.3	501.4	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
TEXAS (continued)													
1	Dallas . . . . .	518.1	516.4	487.5	8.0	8.1	8.0	34.0	33.6	31.0	132.6	133.6	122.3
2	El Paso . . . . .	-	-	-	-	-	-	-	-	-	19.0	18.7	16.7
3	Fort Worth . . . . .	-	-	-	-	-	-	-	-	-	69.8	71.9	59.2
4	Houston . . . . .	594.1	575.1	576.9	26.1	26.0	25.2	56.5	38.3	54.3	122.5	122.1	117.8
5	San Antonio . . . . .	212.9	212.3	203.0	1.6	1.6	1.7	13.0	13.1	12.8	26.3	26.3	26.7
UTAH <sup>2</sup>													
6	Utah . . . . .	321.5	320.9	306.6	11.9	12.3	12.2	18.4	18.2	18.5	51.0	50.6	50.5
7	Salt Lake City <sup>2</sup> . . . . .	171.5	171.7	166.6	7.0	7.0	7.0	11.1	11.0	10.6	28.1	28.1	28.3
VERMONT . . . . .													
8	Burlington <sup>11</sup> . . . . .	135.9	134.0	128.5	1.2	1.2	1.2	9.1	8.2	8.0	44.0	43.2	40.1
9	Springfield <sup>11</sup> . . . . .	31.4	30.3	27.4	-	-	-	-	-	-	9.1	9.0	7.0
10	Springfield <sup>11</sup> . . . . .	14.0	13.6	13.5	-	-	-	-	-	-	7.4	7.1	7.2
VIRGINIA <sup>4</sup>													
11	Virginia . . . . .	1,286.3	1,276.0	1,224.3	15.6	15.5	15.2	102.6	102.5	98.4	341.3	336.4	325.6
12	Lynchburg . . . . .	47.2	46.8	44.6	(1)	(1)	(1)	3.2	3.1	2.9	21.6	21.3	20.0
13	Newport News-Hampton . . . . .	86.6	86.1	82.6	(1)	(1)	(1)	5.8	5.8	6.0	26.3	25.9	25.3
14	Norfolk-Portsmouth . . . . .	180.1	180.7	171.5	.1	.1	.1	14.6	14.6	14.2	18.9	19.9	19.2
15	Richmond . . . . .	209.0	207.6	199.5	.2	.2	.2	16.1	16.0	15.2	50.4	49.3	48.7
16	Roanoke . . . . .	71.9	71.7	69.1	.1	.1	.1	5.3	5.3	5.3	17.1	17.0	16.6
WASHINGTON . . . . .													
17	Washington . . . . .	1,003.4	990.6	908.4	1.9	1.9	1.9	62.6	60.9	52.2	279.6	274.0	233.0
18	Seattle-Everett . . . . .	485.6	479.5	419.4	(1)	(1)	(1)	29.8	28.3	22.4	161.0	159.0	120.3
19	Spokane . . . . .	79.0	79.2	77.1	(1)	(1)	(1)	5.0	5.0	4.0	13.4	13.4	13.3
20	Tacoma . . . . .	94.3	94.7	87.7	(1)	(1)	(1)	5.6	5.4	5.1	19.9	20.3	19.0
WEST VIRGINIA . . . . .													
21	West Virginia . . . . .	494.3	496.4	482.8	48.9	48.5	48.3	26.3	26.8	26.0	132.7	131.4	128.7
22	Charleston . . . . .	83.6	83.5	79.3	3.4	3.3	3.4	4.0	4.1	3.8	22.6	22.8	20.5
23	Huntington-Ashland . . . . .	79.2	78.7	76.9	.8	.8	.9	3.3	3.7	4.2	27.6	27.0	26.2
24	Wheeling . . . . .	56.4	56.3	54.6	2.8	2.8	2.6	4.3	4.4	4.0	16.8	16.7	16.8
WISCONSIN . . . . .													
25	Wisconsin . . . . .	1,408.6	1,401.2	1,357.1	3.3	3.4	3.3	75.1	74.0	69.7	517.4	509.2	505.7
26	Green Bay . . . . .	48.0	47.3	45.0	(1)	(1)	(1)	3.1	3.1	2.4	16.3	15.8	15.5
27	Kenosha . . . . .	31.0	28.9	35.5	(1)	(1)	(1)	1.4	1.4	1.6	13.9	11.4	18.6
28	La Crosse . . . . .	27.9	27.4	26.6	(1)	(1)	(1)	1.2	1.3	1.1	9.7	9.2	9.3
29	Madison . . . . .	100.9	101.4	93.9	(1)	(1)	(1)	7.8	7.8	6.9	16.1	15.9	15.0
30	Milwaukee . . . . .	525.7	517.4	504.2	(1)	(1)	(1)	25.0	23.5	23.9	212.6	206.7	203.2
31	Racine . . . . .	52.9	53.6	51.8	(1)	(1)	(1)	2.5	2.4	2.4	25.2	25.9	25.3
WYOMING <sup>2</sup>													
32	Wyoming . . . . .	107.5	107.7	106.5	9.5	9.3	9.2	8.3	8.4	9.3	6.8	6.8	6.9
33	Casper <sup>2</sup> . . . . .	17.6	17.4	18.1	2.9	2.8	3.1	1.2	1.2	1.6	1.5	1.5	1.4
34	Cheyenne <sup>2</sup> . . . . .	18.0	18.2	18.0	(1)	(1)	(1)	1.5	1.6	1.4	.9	.9	1.0

1 Combined with service.  
2 Series revised to 1966 benchmark; not strictly comparable with previously published data.  
3 Combined with construction.  
4 Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.  
5 Not available.  
6 Series revised to 1965 benchmark; not strictly comparable with previously published data.  
7 Combined with manufacturing.  
8 Area included in New York-Northeastern New Jersey Standard Consolidated Area.  
9 Subarea of Rochester Standard Metropolitan Statistical Area.  
10 Subarea of New York Standard Metropolitan Statistical Area.  
11 Total includes data for industry divisions not shown separately.  
NOTE: Data for the current month are preliminary.  
SOURCE: Cooperating State agencies listed on inside back cover.

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	
43.2	42.9	38.8	142.5	140.8	132.6	40.7	40.9	39.9	70.5	70.0	68.8	46.6	46.6	46.2	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
58.5	59.0	59.0	159.1	158.7	155.4	30.5	30.4	29.7	81.1	80.9	79.6	59.8	59.7	55.9	4
10.1	10.0	9.7	54.1	53.7	52.7	13.5	13.5	13.2	30.3	30.2	28.7	64.0	63.9	57.5	5
22.0	21.9	22.0	71.1	70.8	69.1	13.2	13.2	13.0	44.7	44.7	42.5	89.2	89.2	78.8	6
14.3	14.2	14.2	45.4	45.0	43.6	10.1	10.1	10.0	25.7	25.4	24.3	29.8	30.9	28.6	7
7.2	7.2	7.2	23.7	23.6	23.3	4.7	4.7	4.4	26.9	26.7	25.6	19.3	19.3	19.0	8
1.7	1.7	1.7	6.0	6.1	5.7	-	-	-	-	-	-	-	-	-	9
.8	.8	.8	1.8	1.7	1.7	-	-	-	-	-	-	-	-	-	10
87.0	86.4	86.6	263.7	261.2	251.0	58.0	58.0	55.2	176.5	176.0	167.6	241.6	240.0	224.7	11
2.5	2.5	2.4	7.7	7.7	7.5	1.8	1.8	1.8	5.6	5.6	5.5	4.8	4.8	4.5	12
4.2	4.1	4.0	14.1	14.1	13.7	2.5	2.5	2.4	9.1	9.1	8.9	24.6	24.6	22.3	13
15.8	15.7	15.5	42.6	42.4	41.0	7.8	7.8	7.5	25.9	25.8	24.5	54.4	54.4	49.5	14
16.7	16.7	16.1	47.9	48.0	45.2	15.9	15.9	15.7	28.0	27.8	26.5	33.8	33.7	31.9	15
9.7	9.7	9.4	16.3	16.3	15.7	3.5	3.4	3.3	11.1	11.1	10.5	8.8	8.8	8.2	16
66.7	66.0	63.0	213.6	209.7	201.1	47.5	47.2	44.9	134.7	133.3	126.0	196.8	197.6	186.3	17
33.7	33.2	32.4	100.4	99.0	93.7	28.0	27.8	26.0	63.7	62.6	59.3	69.0	69.6	65.3	18
7.6	7.5	7.6	21.2	21.0	21.0	4.3	4.4	4.4	13.8	13.9	13.8	13.7	14.0	13.0	19
5.8	5.7	5.5	20.8	20.7	19.2	4.7	4.7	4.4	14.0	14.1	13.1	23.5	23.8	21.4	20
41.5	41.6	41.0	85.3	84.7	83.8	14.2	14.2	13.9	57.3	57.6	55.9	88.0	91.6	85.0	21
8.7	8.7	8.4	17.9	17.5	17.4	3.5	3.5	3.4	10.2	10.2	10.0	13.5	13.6	12.7	22
8.2	8.3	8.0	16.4	16.3	16.4	2.9	2.9	2.9	9.0	9.0	8.7	11.0	10.9	9.9	23
4.0	4.0	3.9	11.9	11.8	11.6	2.0	2.1	2.0	8.5	8.5	8.1	6.2	6.3	5.8	24
76.2	76.5	75.7	287.2	287.6	275.4	51.9	55.0	52.8	188.8	188.4	180.1	205.7	207.1	194.4	25
4.2	4.3	4.1	11.4	11.4	10.6	1.4	1.4	1.3	7.0	6.9	6.6	4.6	4.6	4.5	26
1.1	1.3	1.2	6.0	6.1	5.6	.7	.7	.7	4.8	4.8	4.6	3.2	3.2	3.1	27
2.1	2.1	2.1	6.2	6.2	6.0	.6	.6	.6	4.8	4.8	4.6	3.2	3.3	3.0	28
5.1	5.1	4.8	20.8	20.8	19.7	5.2	5.2	4.9	14.7	14.6	13.6	31.3	32.1	29.0	29
28.7	28.7	28.4	104.4	104.4	100.8	25.3	25.3	24.6	71.1	71.0	68.1	58.7	57.8	55.2	30
1.9	1.9	2.0	9.4	9.5	9.0	1.3	1.3	1.3	7.1	7.0	6.6	5.6	5.6	5.3	31
10.8	10.8	10.9	23.7	23.6	24.0	3.6	3.6	3.5	16.6	16.7	16.0	28.2	28.5	26.7	32
1.7	1.7	1.7	4.1	4.1	4.3	.8	.8	.8	2.1	2.0	2.2	3.3	3.3	3.0	33
2.8	2.8	2.8	3.7	3.8	4.2	1.0	1.0	1.0	2.9	2.8	2.6	5.2	5.3	5.0	34

# ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

Table C-1: Gross hours and earnings of production workers on manufacturing payrolls  
1919 to date

Year and month	Manufacturing			Durable goods			Nondurable goods		
	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
1919.....	\$21.84	46.3	\$0.472	-	-	-	-	-	-
1920.....	26.02	47.4	.549	-	-	-	-	-	-
1921.....	21.94	43.1	.509	-	-	-	-	-	-
1922.....	21.28	44.2	.482	-	-	-	-	-	-
1923.....	23.56	45.6	.516	\$25.42	-	-	\$21.50	-	-
1924.....	23.67	43.7	.541	25.48	-	-	21.63	-	-
1925.....	24.11	44.5	.541	26.02	-	-	21.99	-	-
1926.....	24.38	45.0	.542	26.23	-	-	22.29	-	-
1927.....	24.47	45.0	.544	26.28	-	-	22.55	-	-
1928.....	24.70	44.4	.556	26.86	-	-	22.42	-	-
1929.....	24.76	44.2	.560	26.24	-	-	22.47	-	-
1930.....	23.00	42.1	.546	24.42	-	-	21.40	-	-
1931.....	20.64	40.5	.509	20.98	-	-	20.09	-	-
1932.....	16.89	38.3	.441	15.99	32.5	\$0.492	17.26	41.9	\$0.412
1933.....	16.65	38.1	.437	16.20	34.7	.467	16.76	40.0	.419
1934.....	18.20	34.6	.526	18.59	33.8	.550	17.73	35.1	.505
1935.....	19.91	36.6	.544	21.24	37.2	.571	18.77	36.1	.520
1936.....	21.56	39.2	.550	23.72	40.9	.580	19.57	37.7	.519
1937.....	23.82	38.6	.617	26.61	39.9	.667	21.17	37.4	.566
1938.....	22.07	35.6	.620	23.70	34.9	.679	20.65	36.1	.572
1939.....	23.64	37.7	.627	26.19	37.9	.691	21.36	37.4	.571
1940.....	24.96	38.1	.655	28.07	39.2	.716	21.83	37.0	.590
1941.....	29.48	40.6	.726	33.56	42.0	.799	24.39	38.9	.627
1942.....	36.68	43.1	.851	42.17	45.0	.937	28.57	40.3	.709
1943.....	43.07	45.0	.957	48.73	46.5	1.048	33.45	42.5	.787
1944.....	45.70	45.2	1.011	51.38	46.5	1.105	36.38	43.1	.844
1945.....	44.20	43.5	1.016	48.36	44.0	1.099	37.48	42.3	.886
1946.....	43.32	40.3	1.075	46.22	40.4	1.144	40.30	40.5	.995
1947.....	49.17	40.4	1.217	51.76	40.5	1.278	46.03	40.2	1.145
1948.....	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	53.38	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	50.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....	99.63	40.5	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1964.....	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1965: September.....	107.83	41.0	2.63	117.18	41.7	2.81	95.68	40.2	2.38
October.....	109.03	41.3	2.64	118.72	42.1	2.82	95.68	40.2	2.38
November.....	109.71	41.4	2.65	119.43	42.2	2.83	96.32	40.3	2.39
December.....	110.92	41.7	2.66	120.98	42.6	2.84	96.96	40.4	2.40
1966: January.....	110.00	41.2	2.67	119.99	42.1	2.85	95.52	39.8	2.40
February.....	110.27	41.3	2.67	120.69	42.2	2.86	96.88	40.2	2.41
March.....	110.95	41.4	2.68	120.69	42.2	2.86	96.88	40.2	2.41
April.....	111.24	41.2	2.70	121.54	42.2	2.88	96.96	39.9	2.43
May.....	112.05	41.5	2.70	121.82	42.3	2.88	98.33	40.3	2.44
June.....	112.74	41.6	2.71	121.82	42.3	2.88	99.23	40.5	2.45
July.....	111.11	41.0	2.71	119.81	41.6	2.88	99.14	40.3	2.46
August.....	111.78	41.4	2.70	120.54	42.0	2.87	98.96	40.4	2.45
September.....	113.44	41.4	2.74	123.52	42.3	2.92	99.29	40.2	2.47

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the hours and earnings series. Data for the 2 most recent months are preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
	<b>MINING</b>	\$133.92	\$131.89	\$131.46	\$124.23	\$125.85	\$3.10	\$3.06	\$3.05	\$2.93	\$2.92
10	METAL MINING	-	134.83	135.79	131.57	127.71	-	3.18	3.18	3.14	3.07
101	Iron ores	-	138.45	143.99	133.54	130.71	-	3.25	3.31	3.21	3.09
102	Copper ores	-	141.05	139.64	143.44	136.32	-	3.25	3.21	3.26	3.20
11,12	COAL MINING	-	150.06	145.70	135.29	141.98	-	3.66	(*)	3.46	3.48
12	Bituminous	-	152.81	148.03	137.90	144.67	-	3.70	(*)	3.50	3.52
	<b>CRUDE PETROLEUM AND NATURAL GAS</b>										
13	GAS	-	122.12	123.70	116.47	117.12	-	2.86	2.87	2.76	2.73
131,2	Crude petroleum and natural gas fields	-	125.96	129.68	125.14	123.41	-	3.11	3.14	3.03	3.01
138	Oil and gas field services	-	118.72	119.26	110.08	112.59	-	2.68	2.68	2.56	2.53
14	QUARRYING AND NONMETALLIC MINING	-	128.86	127.64	122.62	122.25	-	2.73	2.71	2.62	2.59
142	Crushed and broken stone	-	130.87	130.91	122.98	123.50	-	2.66	2.65	2.52	2.49
	<b>CONTRACT CONSTRUCTION</b>	151.67	148.99	150.15	138.75	143.54	3.96	3.88	3.85	3.75	3.69
15	GENERAL BUILDING CONTRACTORS	-	137.63	137.27	128.16	131.33	-	3.74	3.70	3.60	3.54
16	HEAVY CONSTRUCTION	-	152.70	154.07	139.44	148.86	-	3.61	3.55	3.46	3.43
161	Highway and street construction	-	153.04	155.46	139.26	149.18	-	3.51	3.47	3.38	3.36
162	Other heavy construction	-	151.81	152.21	139.52	147.42	-	3.73	3.65	3.55	3.51
17	SPECIAL TRADE CONTRACTORS	-	155.32	156.59	146.00	149.33	-	4.12	4.11	4.00	3.94
171	Plumbing, heating, and air conditioning	-	163.10	163.12	152.00	154.05	-	4.15	4.14	4.00	3.94
172	Painting, paperhanging, and decorating	-	144.23	145.04	139.62	139.05	-	3.93	3.92	3.90	3.82
173	Electrical work	-	180.97	180.12	166.06	172.18	-	4.57	4.56	4.44	4.37
174	Masonry, plastering, stone and tile work	-	143.78	144.63	134.59	140.87	-	4.05	4.04	3.89	3.87
176	Roofing and sheetmetal work	-	127.80	129.23	122.85	123.01	-	3.60	3.57	3.50	3.37
	<b>MANUFACTURING</b>	113.44	111.78	111.11	107.83	106.45	2.74	2.70	2.71	2.63	2.59
19,24,25,32-39	DURABLE GOODS	123.52	120.54	119.81	117.18	115.51	2.92	2.87	2.88	2.81	2.77
20-23,26-31	NONDURABLE GOODS	99.29	98.98	99.14	95.68	95.11	2.47	2.45	2.46	2.38	2.36
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	137.07	134.30	133.88	131.99	131.88	3.21	3.19	3.18	3.15	3.14
192	Ammunition, except for small arms	137.85	135.71	134.23	135.43	137.38	3.29	3.27	3.25	3.24	3.24
1925	Guided missiles and spacecraft, complete	-	150.17	145.81	142.38	145.43	-	3.55	3.48	3.39	3.39
194	Sighting and fire control equipment	-	125.66	127.62	126.36	127.89	-	3.08	3.09	3.12	3.15
191,3,5,6,9	Other ordnance and accessories	137.54	133.59	133.90	125.24	120.77	3.07	3.05	3.05	2.94	2.91
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b>	93.38	94.53	93.66	91.02	91.49	2.30	2.30	2.29	2.22	2.21
242	Sawmills and planing mills	86.07	87.53	86.90	84.25	84.46	2.12	2.14	2.13	2.06	2.05
2421	Sawmills and planing mills, general	-	89.73	89.13	86.28	86.72	-	2.21	2.19	2.12	2.11
243	Millwork, plywood, and related products	100.45	100.60	99.63	97.94	99.36	2.45	2.43	2.43	2.36	2.36
2431	Millwork	-	98.90	98.25	94.94	96.28	-	2.43	2.42	2.35	2.32
2432	Veneer and plywood	-	102.30	100.77	101.20	101.63	-	2.43	2.44	2.37	2.38
244	Wooden containers	78.77	77.65	75.95	73.44	73.93	1.88	1.84	1.83	1.80	1.79
2441,2	Wooden boxes, shooks, and crates	-	76.86	75.18	72.16	72.63	-	1.80	1.79	1.76	1.75
249	Miscellaneous wood products	88.80	87.98	87.12	86.53	86.32	2.15	2.12	2.13	2.09	2.08
	<b>FURNITURE AND FIXTURES</b>	93.44	93.04	89.13	89.66	89.46	2.23	2.21	2.19	2.15	2.13
251	Household furniture	87.35	86.74	82.61	84.25	83.62	2.11	2.09	2.06	2.03	2.01
2511	Wood house furniture, upholstered	-	81.87	78.91	78.73	78.07	-	1.94	1.92	1.87	1.85
2512	Wood house furniture, upholstered	-	92.21	84.92	89.32	87.45	-	2.26	2.20	2.20	2.17
2515	Mattresses and bedsprings	-	95.41	90.94	97.11	95.45	-	2.35	2.32	2.34	2.30
252	Office furniture	-	115.28	110.50	107.20	108.07	-	2.62	2.60	2.47	2.49
254	Partitions; office and store fixtures	-	120.06	115.93	115.75	120.22	-	2.76	2.78	2.73	2.72
253,9	Other furniture and fixtures	101.67	99.79	97.75	92.99	91.80	2.37	2.31	2.30	2.23	2.16
	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	115.90	115.06	113.82	112.10	111.35	2.74	2.72	2.71	2.65	2.62
321	Flat glass	-	142.27	141.60	154.66	145.39	-	3.47	3.54	3.58	3.47
322	Glass and glassware, pressed or blown	112.89	109.89	109.76	106.13	106.13	2.74	2.70	2.71	2.64	2.64
3221	Glass containers	-	112.07	110.70	107.06	108.27	-	2.74	2.74	2.69	2.70
3229	Pressed and blown glassware, n.e.c.	-	107.46	108.40	105.26	103.57	-	2.66	2.67	2.58	2.57
324	Cement, hydraulic	132.07	132.92	134.82	132.29	123.52	3.19	3.18	3.21	3.12	3.02
325	Structural clay products	98.88	98.77	97.84	95.95	96.02	2.40	2.38	2.36	2.29	2.27
3251	Brick and structural clay tile	-	95.00	93.06	91.37	91.56	-	2.23	2.20	2.12	2.10
326	Pottery and related products	-	99.70	95.94	95.76	94.72	-	2.48	2.46	2.40	2.38
327	Concrete, gypsum and plaster products	121.76	122.49	120.87	116.67	118.82	2.73	2.71	2.68	2.61	2.60
328,9	Other stone and mineral products	117.60	117.04	114.68	111.19	111.14	2.80	2.76	2.75	2.66	2.64
3291	Abrasive products	-	116.81	118.71	110.83	109.21	-	2.87	2.84	2.75	2.71

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
	<b>MINING</b> . . . . .	43.2	43.1	43.1	42.4	43.1	-	-	-	-	-
10	<b>METAL MINING</b> . . . . .	-	42.4	42.7	41.9	41.6	-	-	-	-	-
101	Iron ores . . . . .	-	42.6	43.5	41.6	42.3	-	-	-	-	-
102	Copper ores . . . . .	-	43.4	43.5	44.0	42.6	-	-	-	-	-
11,12,12	<b>COAL MINING</b> . . . . .	-	41.0	(*)	39.1	40.8	-	-	-	-	-
	Bituminous . . . . .	-	41.3	(*)	39.4	41.1	-	-	-	-	-
	<b>CRUDE PETROLEUM AND NATURAL GAS</b> . . . . .	-	42.7	43.1	42.2	42.9	-	-	-	-	-
13	Gas . . . . .	-	42.7	43.1	42.2	42.9	-	-	-	-	-
131,2	Crude petroleum and natural gas fields . . . . .	-	40.5	41.3	41.3	41.0	-	-	-	-	-
138	Oil and gas field services . . . . .	-	44.3	44.5	43.0	44.5	-	-	-	-	-
14	<b>QUARRYING AND NONMETALLIC MINING</b> . . . . .	-	47.2	47.1	46.8	47.2	-	-	-	-	-
142	Crushed and broken stone . . . . .	-	49.2	49.4	48.8	49.6	-	-	-	-	-
	<b>CONTRACT CONSTRUCTION</b> . . . . .	38.3	38.4	39.0	37.0	38.9	-	-	-	-	-
15	General building contractors . . . . .	-	36.8	37.1	35.6	37.1	-	-	-	-	-
16	<b>HEAVY CONSTRUCTION</b> . . . . .	-	42.3	43.4	40.3	43.4	-	-	-	-	-
161	Highway and street construction . . . . .	-	43.6	44.8	41.2	44.4	-	-	-	-	-
162	Other heavy construction . . . . .	-	40.7	41.7	39.3	42.0	-	-	-	-	-
17	<b>SPECIAL TRADE CONTRACTORS</b> . . . . .	-	37.7	38.1	36.5	37.9	-	-	-	-	-
171	Plumbing, heating, and air conditioning . . . . .	-	39.3	39.4	38.0	39.1	-	-	-	-	-
172	Painting, paperhanging, and decorating . . . . .	-	36.7	37.0	35.8	36.4	-	-	-	-	-
173	Electrical work . . . . .	-	39.6	39.5	37.4	39.4	-	-	-	-	-
174	Masonry, plastering, stone and tile work . . . . .	-	35.5	35.8	34.6	36.4	-	-	-	-	-
176	Roofing and sheet metal work . . . . .	-	35.5	36.2	35.1	36.5	-	-	-	-	-
	<b>MANUFACTURING</b> . . . . .	41.4	41.4	41.0	41.0	41.1	4.2	4.0	3.8	3.8	3.5
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	42.3	42.0	41.6	41.7	41.7	4.6	4.3	4.1	4.0	3.8
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	40.2	40.4	40.3	40.2	40.3	3.6	3.5	3.5	3.5	3.2
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	42.7	42.1	42.1	41.9	42.0	4.0	3.7	3.4	3.4	3.4
192	Ammunition, except for small arms . . . . .	41.9	41.5	41.3	41.8	42.4	3.3	3.0	3.3	3.6	3.6
1925	Guided missiles and spacecraft, complete . . . . .	-	42.3	41.9	42.0	42.9	-	-	-	-	-
194	Sighting and fire control equipment . . . . .	-	40.8	41.3	40.5	40.6	3.0	3.4	1.8	2.0	2.0
191,3,5,6,9	Other ordnance and accessories . . . . .	44.8	43.8	43.9	42.6	41.5	5.6	5.4	3.9	3.1	3.1
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> . . . . .	40.6	41.1	40.9	41.0	41.4	4.0	4.1	4.0	4.2	4.2
242	Sawmills and planing mills . . . . .	40.6	40.9	40.8	40.9	41.2	3.8	4.1	4.0	4.3	4.3
2421	Sawmills and planing mills, general . . . . .	-	40.6	40.7	40.7	41.1	-	-	-	-	-
243	Millwork, plywood, and related products . . . . .	41.0	41.4	41.0	41.5	42.1	4.1	3.9	4.1	4.6	4.6
2431	Millwork . . . . .	-	40.7	40.6	40.4	41.5	-	-	-	-	-
2432	Veneer and plywood . . . . .	-	42.1	41.3	42.7	42.7	-	-	-	-	-
244	Wooden containers . . . . .	41.9	42.2	41.5	40.8	41.3	4.5	4.5	3.7	3.7	3.7
2441,2	Wooden boxes, shooks, and crates . . . . .	-	42.7	42.0	41.0	41.5	-	-	-	-	-
249	Miscellaneous wood products . . . . .	41.3	41.5	40.9	41.4	41.5	4.1	4.0	3.9	3.7	3.7
	<b>FURNITURE AND FIXTURES</b> . . . . .	41.9	42.1	40.7	41.7	42.0	4.3	3.3	3.9	3.8	3.8
251	Household furniture . . . . .	41.4	41.5	40.1	41.5	41.6	4.0	2.9	3.8	3.5	3.5
2511	Wood house furniture, upholstered . . . . .	-	42.2	41.1	42.1	42.2	-	-	-	-	-
2512	Wood house furniture, upholstered . . . . .	-	40.8	38.6	40.6	40.3	-	-	-	-	-
2515	Mattresses and bedsprings . . . . .	-	40.6	39.2	41.5	41.5	-	-	-	-	-
252	Office furniture . . . . .	-	44.0	42.5	43.4	43.4	5.6	4.7	4.2	4.6	4.6
254	Partitions; office and store fixtures . . . . .	-	43.5	41.7	42.4	44.2	5.4	4.1	4.8	5.4	5.4
253,9	Other furniture and fixtures . . . . .	42.9	43.2	42.5	41.7	42.5	5.0	4.6	4.0	4.3	4.3
	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . . . .	42.3	42.3	42.0	42.3	42.5	4.8	4.7	4.6	4.7	4.7
321	Flat glass . . . . .	-	41.0	40.0	43.2	41.9	3.7	4.2	5.0	3.3	3.3
322	Glass and glassware, pressed or blown . . . . .	41.2	40.7	40.5	40.2	40.2	4.3	4.1	4.6	4.1	4.1
3221	Glass containers . . . . .	-	40.9	40.4	39.8	40.1	-	-	-	-	-
3229	Pressed and blown glassware, n.e.c. . . . .	-	40.4	40.6	40.8	40.3	-	-	-	-	-
324	Cement, hydraulic . . . . .	41.4	41.8	42.0	42.4	40.9	-	3.1	3.3	2.9	2.4
325	Structural clay products . . . . .	41.2	41.5	41.5	41.9	42.3	-	3.9	3.9	4.1	4.0
3251	Brick and structural clay tile . . . . .	-	42.6	42.3	43.1	43.6	-	-	-	-	-
326	Pottery and related products . . . . .	-	40.2	39.0	39.9	39.8	2.9	2.0	2.7	2.2	2.2
327	Concrete, gypsum and plaster products . . . . .	44.6	45.2	45.1	44.7	45.7	-	7.2	7.2	6.3	7.4
328,9	Other stone and mineral products . . . . .	42.0	42.1	41.7	41.8	42.1	-	4.4	4.0	3.7	3.9
3291	Abrasive products . . . . .	-	40.7	41.8	40.3	40.3	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES . . . . .	\$141.01	\$138.51	\$136.86	\$133.44	\$132.51	\$3.31	\$3.29	\$3.29	\$3.20	\$3.17
331	Blast furnace and basic steel products . .	148.10	145.85	147.03	138.29	139.67	3.56	3.54	3.56	3.44	3.39
3312	Blast furnaces, steel and rolling mills . .	-	146.83	148.37	139.25	140.63	-	3.59	3.61	3.49	3.43
332	Iron and steel foundries . . . . .	129.17	126.82	121.13	126.88	121.13	2.99	2.97	2.94	2.91	2.85
3321	Gray iron foundries . . . . .	-	125.13	117.50	126.72	119.14	-	2.91	2.88	2.88	2.81
3322	Malleable iron foundries . . . . .	-	127.71	122.00	123.97	118.44	-	3.07	3.05	2.98	2.91
3323	Steel foundries . . . . .	-	129.50	127.62	128.18	126.73	-	3.04	3.01	2.94	2.92
333,4	Nonferrous smelting and refining . . . . .	132.80	130.09	130.09	128.78	124.27	3.11	3.09	3.09	3.03	2.98
335	Nonferrous rolling, drawing, and extruding .	139.33	136.89	133.55	133.32	130.20	3.11	3.09	3.07	3.03	3.00
3351	Copper rolling, drawing, and extruding . .	-	144.32	143.87	139.46	138.12	-	3.20	3.19	3.12	3.09
3352	Aluminum rolling, drawing, and extruding .	-	140.48	136.63	137.90	135.25	-	3.20	3.17	3.17	3.16
3357	Nonferrous wire drawing and insulating . .	-	129.65	125.71	125.55	121.95	-	2.92	2.91	2.86	2.81
336	Nonferrous foundries . . . . .	121.98	119.29	114.80	112.47	111.64	2.85	2.82	2.80	2.71	2.69
3361	Aluminum castings . . . . .	-	118.14	115.62	112.89	110.57	-	2.84	2.82	2.74	2.71
3362,9	Other nonferrous castings . . . . .	-	120.12	114.26	112.02	112.41	-	2.80	2.78	2.68	2.67
339	Miscellaneous primary metal industries . .	152.68	147.15	141.86	144.86	138.60	3.47	3.43	3.41	3.33	3.30
3391	Iron and steel forgings . . . . .	-	151.50	146.01	150.60	143.79	-	3.59	3.57	3.47	3.44
34	FABRICATED METAL PRODUCTS . . . . .	123.83	121.26	119.42	116.48	115.35	2.90	2.86	2.85	2.78	2.74
341	Metal cans . . . . .	143.77	148.74	151.52	133.22	140.92	3.29	3.32	3.33	3.21	3.21
342	Cutlery, hand tools, and general hardware .	115.79	113.30	109.76	111.90	108.50	2.77	2.73	2.71	2.69	2.64
3421,3,5	Cutlery and hand tools, including saws . .	-	112.17	108.67	106.40	105.73	-	2.69	2.67	2.57	2.56
3429	Hardware, n.e.c. . . . .	-	113.85	110.70	115.93	110.56	-	2.75	2.74	2.78	2.69
343	Heating equipment and plumbing fixtures . .	(*)	111.38	106.13	106.53	104.66	(*)	2.71	2.66	2.65	2.61
3431,2	Sanitary ware and plumbers' brass goods .	-	111.66	104.41	108.14	107.18	-	2.73	2.63	2.67	2.64
3433	Heating equipment, except electric . . . .	-	111.51	107.47	104.54	101.91	-	2.70	2.68	2.62	2.58
344	Fabricated structural metal products . . . .	121.82	120.69	118.56	116.06	116.33	2.88	2.86	2.85	2.77	2.75
3441	Fabricated structural steel . . . . .	-	123.83	120.22	120.13	120.98	-	2.90	2.89	2.84	2.82
3442	Metal doors, sash, frames, and trim . . . .	-	100.37	98.98	97.92	99.07	-	2.46	2.45	2.40	2.37
3443	Fabricated plate work (boiler shops) . . . .	-	126.18	125.04	122.11	120.25	-	2.99	2.97	2.88	2.87
3444	Sheet metal work . . . . .	-	126.78	124.80	119.23	120.27	-	2.99	3.00	2.88	2.85
3446,9	Architectural and misc. metal work . . . .	-	122.69	119.85	116.62	116.18	-	2.86	2.84	2.77	2.74
345	Screw machine products, bolts, etc. . . . .	127.27	124.08	121.67	120.50	119.30	2.86	2.82	2.81	2.77	2.73
3451	Screw machine products . . . . .	-	119.17	118.09	112.04	111.89	-	2.69	2.69	2.63	2.59
3452	Bolts, nuts, screws, rivets, and washers .	-	129.35	125.11	128.76	126.41	-	2.96	2.93	2.90	2.86
346	Metal stampings . . . . .	136.28	131.82	129.74	126.10	122.96	3.14	3.08	3.06	2.96	2.90
347	Coating, engraving, and allied services . .	109.98	108.12	105.73	102.92	100.12	2.60	2.55	2.56	2.48	2.43
348	Miscellaneous fabricated wire products . . .	114.01	110.72	110.04	105.50	103.58	2.67	2.63	2.62	2.53	2.49
349	Miscellaneous fabricated metal products . .	(*)	118.30	117.03	113.84	113.42	(*)	2.81	2.82	2.73	2.72
3494,8	Valves, pipe, and pipe fittings . . . . .	-	121.98	119.13	116.89	115.09	-	2.87	2.85	2.77	2.76
35	MACHINERY . . . . .	136.09	133.11	131.89	127.12	124.95	3.10	3.06	3.06	2.97	2.94
351	Engines and turbines . . . . .	141.43	143.29	141.53	135.43	132.57	3.32	3.34	3.33	3.24	3.21
3511	Steam engines and turbines . . . . .	-	152.59	149.80	147.05	144.67	-	3.46	3.42	3.46	3.42
3519	Internal combustion engines, n.e.c. . . . .	-	139.50	137.85	130.73	127.30	-	3.29	3.29	3.15	3.12
352	Farm machinery and equipment . . . . .	-	127.72	124.85	122.72	117.97	-	3.10	3.06	2.95	2.92
353	Construction and related machinery . . . .	135.10	133.92	132.25	126.65	124.66	3.12	3.10	3.09	2.98	2.94
3531,2	Construction and mining machinery . . . .	-	137.71	136.85	128.21	127.38	-	3.21	3.22	3.06	3.04
3533	Oil field machinery and equipment . . . . .	-	121.98	119.57	118.56	117.70	-	2.85	2.82	2.77	2.75
3535,6	Conveyors, hoists, and industrial cranes . .	-	133.20	133.50	126.15	121.97	-	3.00	3.00	2.90	2.83
354	Metalworking machinery and equipment . . .	152.59	148.79	149.70	141.19	139.10	3.31	3.27	3.29	3.18	3.14
3541	Machine tools, metal cutting types . . . .	-	147.84	144.05	137.98	133.46	-	3.21	3.18	3.08	3.04
3544	Special dies, tools, jigs, and fixtures . . .	-	160.43	166.38	152.77	151.31	-	3.48	3.54	3.41	3.37
3545	Machine tool accessories . . . . .	-	138.47	137.41	129.21	129.80	-	3.05	3.04	2.93	2.93
3542,8	Miscellaneous metalworking machinery . . .	-	139.48	137.46	133.11	133.15	-	3.17	3.16	3.06	3.04
355	Special industry machinery . . . . .	128.76	126.14	122.41	120.37	117.85	2.90	2.88	2.86	2.78	2.76
3551	Food products machinery . . . . .	-	132.44	129.43	125.70	125.27	-	3.01	3.01	2.93	2.92
3552	Textile machinery . . . . .	-	106.58	100.74	103.25	101.01	-	2.45	2.41	2.39	2.36
3555	Printing trades machinery . . . . .	-	136.08	135.02	128.23	126.60	-	3.15	3.14	3.01	3.00
356	General industrial machinery . . . . .	138.53	135.39	131.46	127.12	125.83	3.12	3.07	3.05	2.97	2.94
3561	Pumps; air and gas compressors . . . . .	-	130.98	128.92	120.13	120.13	-	2.97	2.95	2.82	2.82
3562	Ball and roller bearings . . . . .	-	140.94	135.53	135.52	132.24	-	3.16	3.13	3.08	3.04
3566	Mechanical power transmission goods . . .	-	137.20	131.58	125.54	127.01	-	3.09	3.06	2.94	2.94
357	Office, computing, and accounting machines .	131.52	128.41	129.36	127.02	124.27	3.08	3.05	3.08	3.01	2.98
3571	Computing machines and cash registers . .	-	134.08	135.66	133.25	129.69	-	3.20	3.23	3.15	3.11
358	Service industry machines . . . . .	115.23	113.99	114.12	109.35	110.15	2.79	2.76	2.77	2.70	2.68
3585	Refrigeration, except home refrigerators .	-	111.93	113.70	107.33	107.87	-	2.75	2.78	2.69	2.67
359	Miscellaneous machinery . . . . .	129.94	125.86	124.85	119.56	119.11	2.92	2.88	2.87	2.80	2.77

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

**Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES . . . . .	42.6	42.1	41.6	41.7	41.8	-	4.2	3.9	3.8	3.7
331	Blast furnace and basic steel products . .	41.6	41.2	41.3	40.2	41.2	-	3.0	3.1	2.5	2.8
3312	Blast furnaces, steel and rolling mills . .	-	40.9	41.1	39.9	41.0	-	-	-	-	-
332	Iron and steel foundries . . . . .	43.2	42.7	41.2	43.6	42.5	-	5.1	4.5	5.7	5.1
3321	Gray iron foundries . . . . .	-	43.0	40.8	44.0	42.4	-	-	-	-	-
3322	Malleable iron foundries . . . . .	-	41.6	40.0	41.6	40.7	-	-	-	-	-
3323	Steel foundries . . . . .	-	42.6	42.4	43.6	43.4	-	-	-	-	-
333,4	Nonferrous smelting and refining . . . . .	42.7	42.1	42.1	42.5	41.7	-	3.9	3.8	4.1	3.3
335	Nonferrous rolling, drawing, and extruding.	44.8	44.3	43.5	44.0	43.4	-	6.1	5.5	5.7	5.1
3351	Copper rolling, drawing, and extruding . .	-	45.1	45.1	44.7	44.7	-	-	-	-	-
3352	Aluminum rolling, drawing, and extruding	-	43.9	43.1	43.5	42.8	-	-	-	-	-
3357	Nonferrous wire drawing and insulating . .	-	44.4	43.2	43.9	43.4	-	-	-	-	-
336	Nonferrous foundries . . . . .	42.8	42.3	41.0	41.5	41.5	-	4.7	3.7	3.4	3.5
3361	Aluminum castings . . . . .	-	41.6	41.0	41.2	40.8	-	-	-	-	-
3362,9	Other nonferrous castings . . . . .	-	42.9	41.1	41.8	42.1	-	-	-	-	-
339	Miscellaneous primary metal industries . .	44.0	42.9	41.6	43.5	42.0	-	5.9	4.8	5.6	4.9
3391	Iron and steel forgings . . . . .	-	42.2	40.9	43.4	41.8	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	42.7	42.4	41.9	41.9	42.1	-	4.7	4.3	4.2	4.0
341	Metal cans . . . . .	43.7	44.8	45.5	41.5	43.9	-	5.6	6.9	4.3	5.0
342	Cutlery, hand tools, and general hardware .	41.8	41.5	40.5	41.6	41.1	-	3.5	3.1	3.3	3.0
3421,3,5	Cutlery and hand tools, including saws . .	-	41.7	40.7	41.4	41.3	-	-	-	-	-
3429	Hardware, n.e.c. . . . .	-	41.4	40.4	41.7	41.1	-	-	-	-	-
343	Heating equipment and plumbing fixtures . .	(*)	41.1	39.9	40.2	40.1	-	3.0	2.3	2.9	2.5
3431,2	Sanitary ware and plumbers' brass goods .	-	40.9	39.7	40.5	40.6	-	-	-	-	-
3433	Heating equipment, except electric . . . .	-	41.3	40.1	39.9	39.5	-	-	-	-	-
344	Fabricated structural metal products . . . .	42.3	42.2	41.6	41.9	42.3	-	4.3	4.1	4.1	4.0
3441	Fabricated structural steel . . . . .	-	42.7	41.6	42.3	42.9	-	-	-	-	-
3442	Metal doors, sash, frames, and trim . . .	-	40.8	40.4	40.8	41.8	-	-	-	-	-
3443	Fabricated plate work (boiler shops) . . .	-	42.2	42.1	42.4	41.9	-	-	-	-	-
3444	Sheet metal work . . . . .	-	42.4	41.6	41.4	42.2	-	-	-	-	-
3446,9	Architectural and misc. metal work . . . .	-	42.2	42.2	42.1	42.4	-	-	-	-	-
345	Screw machine products, bolts, etc. . . . .	44.5	44.0	43.3	43.5	43.7	-	6.6	5.9	5.4	5.1
3451	Screw machine products . . . . .	-	44.3	43.9	42.6	43.2	-	-	-	-	-
3452	Bolts, nuts, screws, rivets, and washers	-	43.7	42.7	44.4	44.2	-	-	-	-	-
346	Metal stampings . . . . .	43.4	42.8	42.4	42.6	42.4	-	5.5	5.1	5.0	4.8
347	Coating, engraving, and allied services . .	42.3	42.4	41.3	41.5	41.2	-	5.4	4.4	4.6	4.0
348	Miscellaneous fabricated wire products . . .	42.7	42.1	42.0	41.7	41.6	-	4.6	4.4	3.7	3.9
349	Miscellaneous fabricated metal products . .	(*)	42.1	41.5	41.7	41.7	-	4.2	3.8	3.7	3.4
3494,8	Valves, pipe, and pipe fittings . . . . .	-	42.5	41.8	42.2	41.7	-	-	-	-	-
35	MACHINERY . . . . .	43.9	43.5	43.1	42.8	42.5	-	5.4	5.2	4.5	4.4
351	Engines and turbines . . . . .	42.6	42.9	42.5	41.8	41.3	-	5.9	5.8	4.5	4.1
3511	Steam engines and turbines . . . . .	-	44.1	43.8	42.5	42.3	-	-	-	-	-
3519	Internal combustion engines, n.e.c. . . . .	-	42.4	41.9	41.5	40.8	-	-	-	-	-
352	Farm machinery and equipment . . . . .	-	41.2	40.8	41.6	40.4	-	3.4	3.2	2.9	2.5
353	Construction and related machinery . . . .	43.3	43.2	42.8	42.5	42.4	-	5.0	5.2	4.2	4.1
3531,2	Construction and mining machinery . . . .	-	42.9	42.5	41.9	41.9	-	-	-	-	-
3533	Oil field machinery and equipment . . . .	-	42.8	42.4	42.8	42.8	-	-	-	-	-
3535,6	Conveyors, hoists, and industrial cranes . .	-	44.4	44.5	43.5	43.1	-	-	-	-	-
354	Metalworking machinery and equipment . . .	46.1	45.5	45.5	44.4	44.3	-	7.2	7.4	6.1	6.0
3541	Machine tools, metal cutting types . . . .	-	46.2	45.3	44.8	43.9	-	-	-	-	-
3544	Special dies, tools, jigs, and fixtures . . .	-	46.1	47.0	44.8	44.9	-	-	-	-	-
3545	Machine tool accessories . . . . .	-	45.4	45.2	44.1	44.3	-	-	-	-	-
3542,8	Miscellaneous metalworking machinery . . .	-	44.0	43.5	43.5	43.8	-	-	-	-	-
355	Special industry machinery . . . . .	44.4	43.8	42.8	43.3	42.7	-	5.4	4.7	4.8	4.4
3551	Food products machinery . . . . .	-	44.0	43.0	42.9	42.9	-	-	-	-	-
3552	Textile machinery . . . . .	-	43.5	41.8	43.2	42.8	-	-	-	-	-
3555	Printing trades machinery . . . . .	-	43.2	43.0	42.6	42.2	-	-	-	-	-
356	General industrial machinery . . . . .	44.4	44.1	43.1	42.8	42.8	-	5.8	5.0	4.6	4.4
3561	Pumps; air and gas compressors . . . . .	-	44.1	43.7	42.6	42.6	-	-	-	-	-
3562	Ball and roller bearings . . . . .	-	44.6	43.3	44.0	43.5	-	-	-	-	-
3566	Mechanical power transmission goods . . .	-	44.4	43.0	42.7	43.2	-	-	-	-	-
357	Office, computing, and accounting machines	42.7	42.1	42.0	42.2	41.7	-	3.5	3.2	3.6	2.9
3571	Computing machines and cash registers . .	-	41.9	42.0	42.3	41.7	-	-	-	-	-
358	Service industry machines . . . . .	41.3	41.3	41.2	40.5	41.1	-	3.4	3.4	2.9	3.0
3585	Refrigeration, except home refrigerators .	-	40.7	40.9	39.9	40.4	-	-	-	-	-
359	Miscellaneous machinery . . . . .	44.5	43.7	43.5	42.7	43.0	-	6.0	5.9	4.8	5.2

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<i>Durable Goods--Continued</i>											
	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>										
36	SUPPLIES	\$109.98	\$107.68	\$106.11	\$105.67	\$104.60	\$2.65	\$2.62	\$2.62	\$2.59	\$2.57
361	Electric distribution equipment	118.58	115.64	117.46	113.58	113.16	2.79	2.76	2.79	2.75	2.74
3611	Electric measuring instruments	-	100.30	102.36	101.00	99.94	-	2.52	2.54	2.50	2.48
3612	Power and distribution transformers	-	125.57	121.84	120.41	120.98	-	2.88	2.86	2.86	2.86
3613	Switchgear and switchboard apparatus	-	121.69	127.60	118.98	118.69	-	2.87	2.94	2.86	2.86
362	Electrical industrial apparatus	121.26	117.18	118.15	113.15	111.78	2.82	2.79	2.78	2.72	2.70
3621	Motors and generators	-	118.58	119.28	116.20	113.85	-	2.81	2.80	2.78	2.75
3622	Industrial controls	-	114.26	113.55	109.45	108.09	-	2.74	2.71	2.65	2.63
363	Household appliances	122.25	119.13	116.28	114.93	113.42	2.89	2.85	2.85	2.81	2.78
3632	Household refrigerators and freezers	-	133.88	133.03	126.58	124.34	-	3.15	3.13	3.11	3.07
3633	Household laundry equipment	-	124.49	117.32	119.14	116.76	-	2.95	2.97	2.92	2.89
3634	Electric housewares and fans	-	96.93	93.22	98.33	97.27	-	2.37	2.36	2.41	2.39
364	Electric lighting and wiring equipment**	102.34	101.68	99.20	100.37	98.01	2.49	2.48	2.48	2.46	2.42
3641	Electric lamps	-	105.37	100.73	104.30	101.05	-	2.57	2.55	2.55	2.52
3642	Lighting fixtures	-	100.70	98.40	99.88	96.72	-	2.45	2.46	2.46	2.40
3643,4	Wiring devices**	-	101.27	98.49	98.98	98.16	-	2.47	2.45	2.42	2.40
365	Radio and TV receiving sets	95.41	95.71	91.57	92.90	92.06	2.35	2.34	2.33	2.34	2.29
366	Communication equipment	122.64	118.37	117.33	118.12	116.88	2.92	2.88	2.89	2.86	2.83
3661	Telephone and telegraph apparatus	-	118.15	112.81	119.94	120.25	-	2.91	2.90	2.89	2.87
3662	Radio and TV communication equipment	-	118.40	119.52	116.60	114.93	-	2.86	2.88	2.83	2.81
367	Electronic components and accessories	91.83	91.48	89.27	88.62	86.72	2.29	2.27	2.26	2.21	2.19
3671-3	Electron tubes	-	110.34	102.06	104.17	102.50	-	2.56	2.52	2.51	2.50
3674,9	Electronic components, n.e.c.	-	87.34	86.46	84.96	83.32	-	2.20	2.20	2.14	2.12
369	Misc. electrical equipment and supplies	119.43	114.00	114.34	113.15	111.78	2.92	2.85	2.88	2.78	2.76
3694	Electrical equipment for engines	-	113.75	118.50	117.60	115.53	-	2.97	3.00	2.94	2.91
37	<b>TRANSPORTATION EQUIPMENT</b>	143.65	139.77	137.94	135.01	130.82	3.38	3.32	3.30	3.23	3.16
371	Motor vehicles and equipment	150.23	142.35	140.42	142.13	136.45	3.51	3.43	3.40	3.36	3.28
3711	Motor vehicles	-	143.64	145.25	147.13	138.85	-	3.60	3.50	3.47	3.42
3712	Passenger car bodies	-	160.58	136.04	124.25	135.68	-	3.86	3.58	3.50	3.47
3713	Truck and bus bodies	-	125.40	118.69	111.11	114.33	-	2.93	2.86	2.71	2.69
3714	Motor vehicle parts and accessories	-	144.16	141.02	146.40	139.10	-	3.40	3.39	3.35	3.25
372	Aircraft and parts	144.72	144.86	142.23	130.73	130.52	3.35	3.33	3.30	3.15	3.13
3721	Aircraft	-	145.92	144.14	128.93	131.67	-	3.37	3.36	3.16	3.15
3722	Aircraft engines and engine parts	-	144.62	140.61	133.56	127.30	-	3.34	3.27	3.18	3.12
3723,9	Other aircraft parts and equipment	-	141.19	138.53	131.75	131.82	-	3.18	3.17	3.10	3.08
373	Ship and boat building and repairing	129.74	129.34	130.29	123.32	120.50	3.18	3.17	3.17	3.03	2.99
3731	Ship building and repairing	-	136.45	136.86	129.88	126.36	-	3.32	3.33	3.16	3.12
3732	Boat building and repairing	-	97.51	100.53	90.71	92.98	-	2.45	2.44	2.35	2.36
374	Railroad equipment	-	133.87	136.68	130.25	125.19	-	3.33	3.35	3.24	3.21
375,9	Other transportation equipment	-	97.68	93.30	96.93	95.82	-	2.40	2.38	2.33	2.32
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	113.82	111.90	111.90	108.99	108.05	2.71	2.69	2.69	2.62	2.61
381	Engineering and scientific instruments	-	128.29	131.89	124.80	125.63	-	3.04	3.06	3.00	3.02
382	Mechanical measuring and control devices	115.50	113.01	112.19	110.35	109.41	2.75	2.71	2.71	2.64	2.63
3821	Mechanical measuring devices	-	117.00	116.45	111.72	111.04	-	2.74	2.74	2.66	2.65
3822	Automatic temperature controls	-	107.60	105.60	107.64	107.01	-	2.67	2.66	2.60	2.61
383,5	Optical and ophthalmic goods	104.41	101.26	101.92	99.96	98.28	2.48	2.44	2.45	2.38	2.34
385	Ophthalmic goods	-	92.21	93.25	90.45	88.17	-	2.26	2.28	2.19	2.14
384	Surgical, medical, and dental equipment	94.42	93.56	91.94	90.40	89.55	2.32	2.31	2.31	2.26	2.25
386	Photographic equipment and supplies	(*)	131.33	131.58	127.15	124.95	(*)	3.09	3.06	2.95	2.94
387	Watches and clocks	-	92.48	91.35	86.94	87.23	-	2.25	2.25	2.19	2.17
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	89.42	88.00	86.24	85.20	85.01	2.23	2.20	2.20	2.13	2.12
391	Jewelry, silverware, and plated ware	104.25	101.68	95.35	97.06	94.53	2.50	2.45	2.42	2.35	2.30
394	Toys, amusement, and sporting goods	-	78.80	77.60	76.82	76.44	-	1.99	2.00	1.94	1.94
3941-3	Toys, games, dolls, and play vehicles	-	76.82	75.08	74.26	73.88	-	1.94	1.94	1.88	1.88
3949	Sporting and athletic goods, n.e.c.	-	83.37	81.72	82.58	81.16	-	2.10	2.09	2.08	2.06
395	Pens, pencils, office and art materials	-	85.60	84.02	84.46	83.84	-	2.14	2.16	2.07	2.06
396	Cosume jewelry, buttons, and notions	-	80.40	78.56	77.62	77.41	-	2.02	2.03	1.96	1.94
393,8,9	Other manufacturing industries	95.60	94.80	93.62	92.63	92.69	2.39	2.37	2.37	2.31	2.30
393	Musical instruments and parts	-	98.01	97.28	99.29	97.99	-	2.42	2.42	2.41	2.39
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	104.00	103.09	105.59	100.60	99.60	2.50	2.49	2.52	2.43	2.40
201	Meat products	114.24	109.20	109.74	110.46	105.63	2.72	2.67	2.67	2.63	2.57
2011	Meat packing	-	127.82	128.85	131.33	124.44	-	3.08	3.09	3.04	2.97
2013	Sausages and other prepared meats	-	117.26	120.96	117.88	113.57	-	2.86	2.88	2.82	2.77
2015	Poultry dressing and packing	-	67.72	66.36	62.65	62.02	-	1.71	1.68	1.59	1.57

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



# ESTABLISHMENT DATA HOURS AND EARNINGS

**Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<i>Durable Goods--Continued</i>											
	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>										
36	SUPPLIES	41.5	41.1	40.5	40.8	40.7	-	3.3	3.2	3.1	2.7
361	Electric distribution equipment	42.5	41.9	42.1	41.3	41.3	-	3.6	3.9	3.1	2.8
3611	Electric measuring instruments	-	39.8	40.3	40.4	40.3	-	-	-	-	-
3612	Power and distribution transformers	-	43.6	42.6	42.1	42.3	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	42.4	43.4	41.6	41.5	-	-	-	-	-
362	Electrical industrial apparatus	43.0	42.0	42.5	41.6	41.4	-	4.4	4.3	3.6	3.1
3621	Motors and generators	-	42.2	42.6	41.8	41.4	-	-	-	-	-
3622	Industrial controls	-	41.7	41.9	41.3	41.1	-	-	-	-	-
363	Household appliances	42.3	41.8	40.8	40.9	40.8	-	3.7	3.6	3.2	2.6
3632	Household refrigerators and freezers	-	42.5	42.5	40.7	40.5	-	-	-	-	-
3633	Household laundry equipment	-	42.2	39.5	40.8	40.4	-	-	-	-	-
3634	Electric housewares and fans	-	40.9	39.5	40.8	40.7	-	-	-	-	-
364	Electric lighting and wiring equipment	41.1	41.0	40.0	40.8	40.5	-	3.3	2.8	2.9	2.6
3641	Electric lamps	-	41.0	39.5	40.9	40.1	-	-	-	-	-
3642	Lighting fixtures	-	41.1	40.0	40.6	40.3	-	-	-	-	-
3643,4	Wiring devices	-	41.0	40.2	40.9	40.9	-	-	-	-	-
365	Radio and TV receiving sets	40.6	40.9	39.3	39.7	40.2	-	3.1	2.7	3.2	2.6
366	Communication equipment	42.0	41.1	40.6	41.3	41.3	-	3.0	2.7	3.3	2.9
3661	Telephone and telegraph apparatus	-	40.6	38.9	41.5	41.9	-	-	-	-	-
3662	Radio and TV communication equipment	-	41.4	41.5	41.2	40.9	-	-	-	-	-
367	Electronic components and accessories	40.1	40.3	39.5	40.1	39.6	-	2.8	2.9	2.8	2.3
3671-3	Electron tubes	-	43.1	40.5	41.5	41.0	-	-	-	-	-
3674,9	Electronic components, n.e.c.	-	39.7	39.3	39.7	39.3	-	-	-	-	-
369	Misc. electrical equipment and supplies	40.9	40.0	39.7	40.7	40.5	-	2.9	2.5	2.9	2.6
3694	Electrical equipment for engines	-	38.3	39.5	40.0	39.7	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT</b>	42.5	42.1	41.8	41.8	41.4	-	4.8	4.5	4.4	4.1
371	Motor vehicles and equipment	42.8	41.5	41.3	42.3	41.6	-	5.0	4.4	5.0	4.8
3711	Motor vehicles	-	39.9	41.5	42.4	40.6	-	-	-	-	-
3712	Passenger car bodies	-	41.6	38.0	35.5	39.1	-	-	-	-	-
3713	Truck and bus bodies	-	42.8	41.5	41.0	42.5	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	42.4	41.6	43.7	42.8	-	-	-	-	-
372	Aircraft and parts	43.2	43.5	43.1	41.5	41.7	-	5.2	5.0	3.7	3.6
3721	Aircraft	-	43.3	42.9	40.8	41.8	-	-	-	-	-
3722	Aircraft engines and engine parts	-	43.3	43.0	42.0	40.8	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	44.4	43.7	42.5	42.8	-	-	-	-	-
373	Ship and boat building and repairing	40.8	40.8	41.1	40.7	40.3	-	3.7	4.1	3.9	3.0
3731	Ship building and repairing	-	41.1	41.1	41.1	40.5	-	-	-	-	-
3732	Boat building and repairing	-	39.8	41.2	38.6	39.4	-	-	-	-	-
374	Railroad equipment	-	40.2	40.8	40.2	39.0	-	3.4	3.9	2.6	2.4
375,9	Other transportation equipment	-	40.7	39.2	41.6	41.3	-	3.1	2.6	3.8	3.4
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	42.0	41.6	41.6	41.6	41.4	-	3.5	3.4	3.4	2.9
381	Engineering and scientific instruments	-	42.2	43.1	41.6	41.6	-	3.8	4.0	3.9	3.2
382	Mechanical measuring and control devices	42.0	41.7	41.4	41.8	41.6	-	3.8	3.9	3.4	3.1
3821	Mechanical measuring devices	-	42.7	42.5	42.0	41.9	-	-	-	-	-
3822	Automatic temperature controls	-	40.3	39.7	41.4	41.0	-	-	-	-	-
383,5	Optical and ophthalmic goods	42.1	41.5	41.6	42.0	42.0	-	3.2	3.0	3.0	2.3
385	Ophthalmic goods	-	40.8	40.9	41.3	41.2	-	2.7	2.8	2.7	1.8
384	Surgical, medical, and dental equipment	40.7	40.5	39.8	40.0	39.8	-	2.9	2.6	2.3	2.2
386	Photographic equipment and supplies	(*)	42.5	43.0	43.1	42.5	-	4.0	3.9	4.5	3.5
387	Watches and clocks	-	41.1	40.6	39.7	40.2	-	2.6	2.3	2.7	2.9
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	40.1	40.0	39.2	40.0	40.1	-	3.0	2.3	3.0	2.7
391	Jewelry, silverware, and plated ware	41.7	41.5	39.4	41.3	41.1	-	4.2	2.2	3.7	3.4
394	Toys, amusement, and sporting goods	-	39.6	38.8	39.6	39.4	-	2.9	2.3	3.1	2.7
3941-3	Toys, games, dolls, and play vehicles	-	39.6	38.7	39.5	39.3	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	39.7	39.1	39.7	39.4	-	-	-	-	-
395	Pens, pencils, office and art materials	-	40.0	38.9	40.8	40.7	-	2.5	2.0	2.8	2.7
396	Costume jewelry, buttons, and notions	-	39.8	38.7	39.6	39.9	-	2.9	2.2	2.4	2.6
393,8,9	Other manufacturing industries	40.0	40.0	39.5	40.1	40.3	-	2.8	2.3	2.9	2.7
393	Musical instruments and parts	-	40.5	40.2	41.2	41.0	-	2.6	2.3	3.2	2.7
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	41.6	41.4	41.9	41.4	41.5	-	4.0	4.7	4.2	3.8
201	Meat products	42.0	40.9	41.1	42.0	41.1	-	4.3	4.5	5.0	4.1
2011	Meat packing	-	41.5	41.7	43.2	41.9	-	-	-	-	-
2013	Sausages and other prepared meats	-	41.0	42.0	41.8	41.0	-	-	-	-	-
2015	Poultry dressing and packing	-	39.6	39.5	39.4	39.5	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products . . . . .	\$111.19	\$108.97	\$112.92	\$106.85	\$104.90	\$2.61	\$2.57	\$2.59	\$2.52	\$2.48
2024	Ice cream and frozen desserts . . . . .	-	106.23	117.30	106.23	104.17	-	2.61	2.63	2.61	2.51
2026	Fluid milk . . . . .	-	113.48	116.75	112.23	110.17	-	2.67	2.69	2.61	2.58
203	Canned and preserved food, except meats . . . . .	-	86.27	82.58	80.58	81.61	-	2.13	2.08	2.04	2.02
2031.6	Canned, cured and frozen sea foods . . . . .	-	73.83	68.35	61.76	70.12	-	1.99	1.92	1.79	1.89
2032.3	Canned food, except sea foods . . . . .	-	89.38	89.04	84.04	84.05	-	2.18	2.11	2.07	2.06
2037	Frozen food, except sea foods . . . . .	-	84.66	74.66	77.03	80.06	-	2.04	2.04	1.95	1.92
204	Grain mill products . . . . .	122.55	118.95	120.38	117.86	115.79	2.67	2.62	2.60	2.54	2.49
2041	Flour and other grain mill products . . . . .	-	127.68	130.20	133.44	127.30	-	2.80	2.80	2.78	2.72
2042	Prepared feeds for animals and fowls . . . . .	-	102.46	104.06	100.38	100.94	-	2.18	2.15	2.10	2.06
205	Bakery products . . . . .	105.18	105.41	106.71	102.47	101.66	2.61	2.59	2.59	2.53	2.51
2051	Bread, cake, and perishable products . . . . .	-	108.50	108.36	104.86	103.63	-	2.64	2.63	2.57	2.54
2052	Biscuit, crackers, and pretzels . . . . .	-	94.32	98.23	95.12	95.52	-	2.40	2.39	2.39	2.40
206	Sugar . . . . .	-	122.11	127.75	119.57	120.53	-	2.88	2.93	2.82	2.79
207	Confectionery and related products . . . . .	89.91	89.28	87.36	87.12	86.67	2.22	2.21	2.24	2.13	2.14
2071	Candy and other confectionery products . . . . .	-	84.99	83.59	83.23	82.81	-	2.13	2.16	2.05	2.06
208	Beverages . . . . .	117.91	119.55	130.23	114.49	114.54	2.89	2.86	2.82	2.82	2.78
2082	Malt liquors . . . . .	-	154.19	169.51	146.03	146.69	-	3.77	3.87	3.66	3.64
2086	Bottled and canned soft drinks . . . . .	-	93.96	102.93	95.88	87.49	-	2.16	2.19	2.04	2.03
209	Miscellaneous food and kindred products . . . . .	103.57	101.99	101.50	99.92	99.17	2.46	2.44	2.44	2.34	2.35
21	<b>TOBACCO MANUFACTURERS</b> . . . . .	83.13	83.76	87.23	78.21	77.90	2.11	2.17	2.32	1.98	2.05
211	Cigarettes . . . . .	-	106.11	104.72	96.10	97.38	-	2.70	2.72	2.64	2.59
212	Cigars . . . . .	-	65.67	63.71	65.11	65.32	-	1.77	1.76	1.70	1.71
22	<b>TEXTILE MILL PRODUCTS</b> . . . . .	82.98	83.16	81.76	78.62	79.19	1.99	1.98	1.97	1.89	1.89
221	Cotton broad woven fabrics . . . . .	86.86	86.43	85.63	81.60	81.60	2.02	2.01	2.01	1.92	1.92
222	Silk and synthetic broad woven fabrics . . . . .	86.90	89.59	89.35	85.06	85.61	2.04	2.05	2.04	1.96	1.95
223	Weaving and finishing broad woolsens . . . . .	87.98	88.60	88.39	84.58	85.34	2.08	2.07	2.07	1.99	1.98
224	Narrow fabrics and smallwares . . . . .	81.71	81.45	80.48	75.85	75.85	1.95	1.93	1.93	1.85	1.85
225	Knitting . . . . .	72.37	73.47	70.27	69.03	69.70	1.87	1.86	1.83	1.77	1.76
2251	Women's full and knee length hosiery . . . . .	-	72.73	67.70	68.64	70.58	-	1.86	1.82	1.76	1.76
2252	All other hosiery . . . . .	-	63.24	61.34	60.04	60.37	-	1.63	1.61	1.58	1.56
2253	Knit outerwear . . . . .	-	77.79	73.48	72.39	72.97	-	2.01	1.97	1.89	1.88
2254	Knit underwear . . . . .	-	68.95	68.11	64.85	65.40	-	1.75	1.72	1.68	1.66
226	Finishing textiles, except wool and knit . . . . .	92.24	91.38	89.03	85.68	86.09	2.15	2.14	2.13	2.04	2.04
227	Floor covering . . . . .	-	85.17	80.39	84.78	85.94	-	1.99	1.98	1.94	1.94
228	Yarn and thread . . . . .	79.24	78.81	78.07	75.05	75.50	1.86	1.85	1.85	1.77	1.76
229	Miscellaneous textile goods . . . . .	95.44	93.51	92.65	89.25	87.57	2.23	2.19	2.18	2.11	2.09
23	<b>APPAREL AND RELATED PRODUCTS</b> . . . . .	67.45	70.11	67.88	67.33	67.34	1.90	1.90	1.87	1.86	1.83
231	Men's and boys' suits and coats . . . . .	85.57	87.19	85.03	83.54	83.44	2.24	2.23	2.22	2.21	2.19
232	Men's and boys' furnishings . . . . .	59.20	60.10	58.56	58.28	58.14	1.60	1.59	1.57	1.55	1.53
2321	Men's and boys' shirts and nightwear . . . . .	-	59.19	57.04	58.28	57.23	-	1.57	1.55	1.55	1.51
2327	Men's and boys' separate trousers . . . . .	-	59.57	59.28	57.60	58.37	-	1.58	1.56	1.54	1.54
2328	Work clothing . . . . .	-	58.21	56.54	56.17	56.92	-	1.54	1.52	1.49	1.49
233	Women's, misses', and juniors' outerwear . . . . .	68.04	73.56	71.90	69.14	71.14	2.10	2.12	2.09	2.07	2.05
2331	Women's blouses, waists, and shirts . . . . .	-	60.70	60.19	59.68	60.37	-	1.78	1.76	1.74	1.72
2335	Women's, misses', and juniors' dresses . . . . .	-	72.79	69.96	68.04	69.55	-	2.16	2.12	2.10	2.07
2337	Women's suits, skirts, and coats . . . . .	-	88.35	87.54	82.99	86.27	-	2.51	2.48	2.47	2.43
2339	Women's and misses' outerwear, n.e.c. . . . .	-	63.47	63.10	60.36	61.35	-	1.72	1.71	1.71	1.69
234	Women's and children's undergarments . . . . .	62.95	63.92	61.99	61.92	61.66	1.72	1.70	1.68	1.66	1.64
2341	Women's and children's underwear . . . . .	-	61.99	60.43	59.78	60.04	-	1.64	1.62	1.59	1.58
2342	Corsets and allied garments . . . . .	-	67.70	65.52	65.87	64.96	-	1.82	1.82	1.79	1.77
235	Hats, caps, and millinery . . . . .	-	75.40	71.28	71.57	73.14	-	2.00	1.98	1.95	1.94
236	Girls' and children's outerwear . . . . .	59.51	63.86	63.86	60.33	61.75	1.74	1.74	1.74	1.69	1.66
2361	Children's dresses, blouses, and shirts . . . . .	-	61.76	62.07	58.12	60.42	-	1.73	1.71	1.67	1.66
237.8	Fur goods and miscellaneous apparel . . . . .	-	74.23	73.43	72.86	72.56	-	1.99	1.99	1.98	1.94
239	Miscellaneous fabricated textile products . . . . .	75.40	75.64	69.92	74.50	71.25	2.00	1.98	1.90	1.93	1.88
2391.2	Housefurnishings . . . . .	-	65.66	62.22	65.57	63.29	-	1.71	1.70	1.69	1.67
26	<b>PAPER AND ALLIED PRODUCTS</b> . . . . .	122.20	120.34	120.50	116.48	115.18	2.79	2.76	2.77	2.69	2.66
261,2.6	Paper and pulp . . . . .	138.60	136.95	137.56	132.16	129.20	3.08	3.05	3.05	2.95	2.91
263	Paperboard . . . . .	139.67	137.20	139.38	134.85	134.52	3.09	3.09	3.07	3.01	2.95
264	Converted paper and paperboard products . . . . .	106.17	104.66	103.91	99.77	98.95	2.51	2.48	2.48	2.41	2.39
2643	Bags, except textile bags . . . . .	-	97.53	97.88	93.61	93.89	-	2.35	2.37	2.30	2.29
265	Paperboard containers and boxes . . . . .	111.63	110.08	108.54	106.75	105.72	2.59	2.56	2.56	2.50	2.47
2651.2	Folding and set-up paperboard boxes . . . . .	-	97.58	95.65	93.34	93.34	-	2.34	2.35	2.26	2.26
2653	Corrugated and solid fiber boxes . . . . .	-	119.07	116.21	118.01	116.25	-	2.70	2.69	2.67	2.63

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products . . . . .	42.6	42.4	43.6	42.4	42.3	-	3.8	4.6	3.9	3.6
2024	Ice cream and frozen desserts . . . . .	-	40.7	44.6	40.7	41.5	-	-	-	-	-
2026	Fluid milk . . . . .	-	42.5	43.4	43.0	42.7	-	-	-	-	-
203	Canned and preserved food, except meats . . . . .	-	40.5	39.7	39.5	40.4	-	3.4	3.6	3.2	2.9
2031,6	Canned, cured and frozen sea foods . . . . .	-	37.1	35.6	34.5	37.1	-	-	-	-	-
2032,3	Canned food, except sea foods . . . . .	-	41.0	42.2	40.6	40.8	-	-	-	-	-
2037	Frozen food, except sea foods . . . . .	-	41.5	36.6	39.5	41.7	-	-	-	-	-
204	Grain mill products . . . . .	45.9	45.4	46.3	46.4	46.5	-	7.0	7.9	8.1	7.6
2041	Flour and other grain mill products . . . . .	-	45.6	46.5	48.0	46.8	-	-	-	-	-
2042	Prepared feeds for animals and fowls . . . . .	-	47.0	48.4	47.8	49.0	-	-	-	-	-
205	Bakery products . . . . .	40.3	40.7	41.2	40.5	40.5	-	3.8	4.3	3.6	3.4
2051	Bread, cake, and perishable products . . . . .	-	41.1	41.2	40.8	40.8	-	-	-	-	-
2052	Biscuit, crackers, and pretzels . . . . .	-	39.3	41.1	39.8	39.8	-	-	-	-	-
206	Sugar . . . . .	-	42.4	43.6	42.4	43.2	-	4.0	4.8	5.2	4.5
207	Confectionery and related products . . . . .	40.5	40.4	39.0	40.9	40.5	-	3.1	2.3	3.4	2.9
2071	Candy and other confectionery products . . . . .	-	39.9	38.7	40.6	40.2	-	-	-	-	-
208	Beverages . . . . .	40.8	41.8	44.6	40.6	41.2	-	4.2	6.7	3.4	3.6
2082	Malt liquors . . . . .	-	40.9	43.8	39.9	40.3	-	-	-	-	-
2086	Bottled and canned soft drinks . . . . .	-	43.5	47.0	42.1	43.1	-	-	-	-	-
209	Miscellaneous food and kindred products . . . . .	42.1	41.8	41.6	42.7	42.2	-	4.2	4.4	4.5	4.2
21	<b>TOBACCO MANUFACTURERS . . . . .</b>	39.4	38.6	37.6	39.5	38.0	-	1.6	1.7	1.5	1.2
211	Cigarettes . . . . .	-	39.3	38.5	36.4	37.6	-	2.2	2.5	.7	.7
212	Cigars . . . . .	-	37.1	36.2	38.3	38.2	-	.9	.8	1.3	1.4
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	41.7	42.0	41.5	41.6	41.9	-	4.4	4.4	4.5	4.3
221	Cotton broad woven fabrics . . . . .	43.0	43.0	42.6	42.5	42.5	-	5.0	5.5	5.3	4.7
222	Silk and synthetic broad woven fabrics . . . . .	42.6	43.7	43.8	43.4	43.9	-	5.2	5.6	5.7	5.4
223	Weaving and finishing broad woolsens . . . . .	42.3	42.8	42.7	42.5	43.1	-	4.4	5.0	4.7	4.5
224	Narrow fabrics and smallwares . . . . .	41.9	42.2	41.7	41.0	41.0	-	4.0	3.7	3.5	3.4
225	Knitting . . . . .	38.7	39.5	38.4	39.0	39.6	-	3.0	2.6	2.9	2.9
2251	Women's full and knee length hosiery . . . . .	-	39.1	37.2	39.0	40.1	-	-	-	-	-
2252	All other hosiery . . . . .	-	38.8	38.1	38.0	38.7	-	-	-	-	-
2253	Knit outerwear . . . . .	-	38.7	37.3	38.3	38.6	-	-	-	-	-
2254	Knit underwear . . . . .	-	39.4	39.6	38.6	39.4	-	-	-	-	-
226	Finishing textiles, except wool and knit . . . . .	42.9	42.7	41.8	42.0	42.2	-	4.8	4.5	4.5	4.5
227	Floor covering . . . . .	-	42.8	40.6	43.7	44.3	-	4.8	3.5	5.6	6.2
228	Yarn and thread . . . . .	42.6	42.6	42.2	42.4	42.9	-	4.8	4.7	4.9	4.9
229	Miscellaneous textile goods . . . . .	42.8	42.7	42.5	42.3	41.9	-	4.6	4.2	4.8	4.1
23	<b>APPAREL AND RELATED PRODUCTS . . . . .</b>	35.5	36.9	36.3	36.2	36.8	-	1.6	1.3	1.5	1.5
231	Men's and boys' suits and coats . . . . .	38.2	39.1	38.3	37.8	38.1	-	1.8	1.3	1.7	1.6
232	Men's and boys' furnishings . . . . .	37.0	37.8	37.3	37.6	38.0	-	1.5	1.1	1.3	1.4
2321	Men's and boys' shirts and nightwear . . . . .	-	37.7	36.8	37.6	37.9	-	-	-	-	-
2327	Men's and boys' separate trousers . . . . .	-	37.7	38.0	37.4	37.9	-	-	-	-	-
2328	Work clothing . . . . .	-	37.8	37.2	37.7	38.2	-	-	-	-	-
233	Women's, misses', and juniors' outerwear . . . . .	32.4	34.7	34.4	33.4	34.7	-	1.4	1.3	1.1	1.4
2331	Women's blouses, waists, and shirts . . . . .	-	34.1	34.2	34.3	35.1	-	-	-	-	-
2335	Women's, misses', and juniors' dresses . . . . .	-	33.7	33.0	32.4	33.6	-	-	-	-	-
2337	Women's suits, skirts, and coats . . . . .	-	35.2	35.3	33.6	35.5	-	-	-	-	-
2339	Women's and misses' outerwear, n.e.c. . . . .	-	36.9	36.9	35.3	36.3	-	-	-	-	-
234	Women's and children's undergarments . . . . .	36.6	37.6	36.9	37.3	37.6	-	1.8	1.5	1.9	1.6
2341	Women's and children's underwear . . . . .	-	37.8	37.3	37.6	38.0	-	-	-	-	-
2342	Corsets and allied garments . . . . .	-	37.2	36.0	36.8	36.7	-	-	-	-	-
235	Hats, caps, and millinery . . . . .	-	37.7	36.0	36.7	37.7	-	1.8	1.3	1.2	1.7
236	Girls' and children's outerwear . . . . .	34.2	36.7	36.7	35.7	37.2	-	1.8	1.7	1.3	1.8
2361	Children's dresses, blouses, and shirts . . . . .	-	35.7	36.3	34.8	36.4	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel . . . . .	-	37.3	36.9	36.8	37.4	-	1.7	1.1	1.7	1.5
239	Miscellaneous fabricated textile products . . . . .	37.7	38.2	36.8	38.6	37.9	-	2.3	1.6	2.0	1.6
2391,2	Housefurnishings . . . . .	-	38.4	36.6	38.8	37.9	-	-	-	-	-
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	43.8	43.6	43.5	43.3	43.3	-	5.6	5.5	5.7	5.2
261,2,6	Paper and pulp . . . . .	45.0	44.9	45.1	44.8	44.4	-	6.4	6.3	6.6	5.9
263	Paperboard . . . . .	45.2	44.4	45.4	44.8	45.6	-	7.3	7.6	8.4	7.7
264	Converted paper and paperboard products . . . . .	42.3	42.2	41.9	41.4	41.4	-	4.4	4.3	3.7	3.5
2643	Bags, except textile bags . . . . .	-	41.5	41.3	40.7	41.0	-	-	-	-	-
265	Paperboard containers and boxes . . . . .	43.1	43.0	42.4	42.7	42.8	-	5.1	4.9	5.3	4.8
2651,2	Folding and setup paperboard boxes . . . . .	-	41.7	40.7	41.3	41.3	-	-	-	-	-
2653	Corrugated and solid fiber boxes . . . . .	-	44.1	43.2	44.2	44.2	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
	<b>Nondurable Goods--Continued</b>										
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>										
27	Printing, publishing, and allied industries	\$125.44	\$123.17	\$121.83	\$120.59	\$118.81	\$3.20	\$3.15	\$3.14	\$3.10	\$3.07
271	Newspaper publishing and printing	127.00	125.17	124.17	122.30	119.49	3.47	3.42	3.43	3.36	3.31
272	Periodical publishing and printing	-	132.93	132.76	131.05	129.60	-	3.25	3.27	3.22	3.20
273	Books	-	116.05	114.11	114.93	115.18	-	2.75	2.73	2.73	2.71
275	Commercial printing	129.77	128.24	126.25	123.47	121.75	3.22	3.19	3.18	3.11	3.09
2751	Commercial printing, except litho	-	124.97	121.60	120.17	117.48	-	3.14	3.11	3.05	3.02
2752	Commercial printing, lithographic	-	133.66	133.82	130.33	130.65	-	3.26	3.28	3.21	3.21
278	Bookbinding and related industries	93.31	93.45	92.19	92.19	90.40	2.43	2.39	2.37	2.37	2.33
274,6,7,9	Other publishing and printing industries	127.20	124.23	123.00	121.99	121.60	3.27	3.21	3.17	3.12	3.11
	<b>CHEMICALS AND ALLIED PRODUCTS</b>										
28	Chemicals and allied products	126.12	125.70	126.00	123.65	120.93	3.01	3.00	3.00	2.93	2.90
281	Industrial chemicals	140.53	139.77	141.53	140.15	136.18	3.33	3.32	3.33	3.29	3.25
2812	Alkalies and chlorine	-	136.90	139.26	137.76	131.70	-	3.31	3.30	3.28	3.22
2818	Industrial organic chemicals, n.e.c.	-	150.23	153.64	147.23	145.69	-	3.51	3.54	3.44	3.42
2819	Industrial inorganic chemicals, n.e.c.	-	132.57	133.22	136.31	131.75	-	3.21	3.21	3.23	3.19
282	Plastics materials and synthetics	124.62	125.21	126.52	123.69	121.11	2.96	2.96	2.97	2.89	2.87
2821	Plastics materials and resins	-	136.53	138.71	134.77	132.24	-	3.11	3.11	3.07	3.04
2823,4	Synthetic fibers	-	112.75	113.44	112.83	109.59	-	2.75	2.76	2.68	2.66
283	Drugs	113.83	110.28	110.68	107.18	105.32	2.79	2.75	2.76	2.64	2.62
2834	Pharmaceutical preparations	-	106.13	104.79	103.48	101.26	-	2.68	2.68	2.60	2.57
284	Soap, cleaners, and toilet goods	120.89	122.93	121.42	116.62	114.65	2.92	2.92	2.94	2.81	2.81
2841	Soap and detergents	-	152.95	150.15	143.52	141.76	-	3.50	3.50	3.33	3.32
2844	Toilet preparations	-	97.27	96.38	93.30	91.26	-	2.39	2.44	2.35	2.34
285	Paints, varnishes, and allied products	120.98	119.00	118.01	114.68	114.24	2.86	2.84	2.83	2.75	2.72
287	Agricultural chemicals	105.33	104.16	104.23	101.76	99.30	2.49	2.48	2.47	2.40	2.37
2871,2	Fertilizers, complete and mixing only	-	99.66	99.54	97.06	94.62	-	2.39	2.37	2.30	2.28
286,9	Other chemical products	123.22	120.80	120.38	119.14	118.16	2.92	2.89	2.88	2.83	2.80
	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>										
29	Petroleum refining and related industries	145.27	142.30	147.06	143.12	138.78	3.41	3.38	3.42	3.29	3.25
291	Petroleum refining	150.00	148.16	153.91	148.94	143.03	3.58	3.57	3.63	3.48	3.43
295,9	Other petroleum and coal products	130.05	123.36	125.27	123.85	123.47	2.89	2.81	2.79	2.71	2.69
	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b>										
30	Rubber and miscellaneous plastics products	114.75	111.45	110.27	110.46	110.30	2.70	2.66	2.67	2.63	2.62
301	Tires and inner tubes	170.25	163.91	162.94	162.62	163.08	3.75	3.70	3.72	3.63	3.60
302,3,6	Other rubber products	110.14	107.33	104.34	103.22	102.75	2.61	2.58	2.57	2.53	2.50
307	Miscellaneous plastics products	95.26	93.11	92.21	93.21	91.91	2.29	2.26	2.26	2.23	2.22
31	LEATHER AND LEATHER PRODUCTS	74.66	75.46	74.49	71.82	72.19	1.97	1.93	1.91	1.90	1.88
311	Leather tanning and finishing	101.20	100.19	100.19	98.40	97.75	2.53	2.48	2.48	2.40	2.39
314	Footwear, except rubber	71.63	73.13	72.71	68.63	69.34	1.90	1.88	1.85	1.84	1.82
312,3,5-7,9	Other leather products	72.76	73.71	70.88	70.87	70.67	1.93	1.89	1.88	1.86	1.85
317	Handbags and personal leather goods	-	69.55	68.63	67.69	68.04	-	1.84	1.84	1.81	1.80
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup>		(*)	(*)	131.54	129.77		(*)	(*)	3.01	2.99
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation	-	114.44	114.59	109.56	110.33	-	2.68	2.69	2.59	2.59
413	Intercity and rural bus lines	-	160.51	148.50	138.34	143.04	-	3.33	3.30	3.12	3.13
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE:</b>										
42	Motor freight transportation and storage	-	136.63	136.42	133.92	132.62	-	3.17	3.18	3.10	3.07
422	Public warehousing	-	98.29	98.33	94.16	96.05	-	2.38	2.41	2.28	2.36
46	PIPELINE TRANSPORTATION	-	147.65	150.38	147.84	145.73	-	3.61	3.65	3.52	3.52
	<b>COMMUNICATION:</b>										
48	Communication	-	117.62	119.19	118.12	113.52	-	2.89	2.90	2.86	2.81
481	Telephone communication	-	112.61	114.12	112.75	108.27	-	2.76	2.77	2.73	2.68
4817	Switchboard operating employees <sup>3</sup>	-	82.88	85.20	82.43	80.22	-	2.24	2.26	2.21	2.18
4818	Line construction employees <sup>4</sup>	-	160.20	162.74	164.00	154.25	-	3.46	3.47	3.46	3.39
482	Telegraph communication <sup>5</sup>	-	131.07	131.07	126.15	126.00	-	3.02	3.02	2.90	2.89
483	Radio and television broadcasting	-	150.08	152.05	153.03	146.43	-	3.79	3.83	3.76	3.67
	<b>ELECTRIC, GAS, AND SANITARY SERVICES:</b>										
49	Electric, gas, and sanitary services	-	136.54	139.35	133.86	130.60	-	3.29	3.31	3.21	3.17
491	Electric companies and systems	-	139.61	143.90	137.10	133.31	-	3.34	3.37	3.28	3.22
492	Gas companies and systems	-	124.64	124.64	123.07	119.77	-	3.04	3.04	2.98	2.95
493	Combined utility systems	-	148.57	152.70	145.05	141.59	-	3.58	3.61	3.47	3.42
494-7	Water, steam, and sanitary systems	-	109.74	112.17	107.01	106.85	-	2.67	2.69	2.56	2.55

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
	<i>Nondurable Goods--Continued</i>										
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>										
27	INDUSTRIES . . . . .	39.2	39.1	38.8	38.9	38.7	-	3.7	3.4	3.4	3.2
271	Newspaper publishing and printing . . . . .	36.6	36.6	36.2	36.4	36.1	-	2.6	2.6	2.6	2.3
272	Periodical publishing and printing . . . . .	-	40.9	40.6	40.7	40.5	-	4.5	3.9	4.7	3.3
273	Books . . . . .	-	42.2	41.8	42.1	42.5	-	5.1	4.9	4.9	5.6
275	Commercial printing . . . . .	40.3	40.2	39.7	39.7	39.4	-	4.2	3.8	3.8	3.3
2751	Commercial printing, except litho . . . . .	-	39.8	39.1	39.4	38.9	-	-	-	-	-
2752	Commercial printing, lithographic . . . . .	-	41.0	40.8	40.6	40.7	-	-	-	-	-
278	Bookbinding and related industries . . . . .	38.4	39.1	38.9	38.9	38.8	-	3.0	2.8	2.6	2.5
274,6,7,9	Other publishing and printing industries . . . . .	38.9	38.7	38.8	39.1	39.1	-	3.4	3.2	3.4	3.5
	<b>CHEMICALS AND ALLIED PRODUCTS</b>										
28	INDUSTRIES . . . . .	41.9	41.9	42.0	42.2	41.7	-	3.3	3.3	3.4	3.0
281	Industrial chemicals . . . . .	42.2	42.1	42.5	42.6	41.9	-	3.4	3.5	3.7	3.1
2812	Alkalies and chlorine . . . . .	-	41.3	42.2	42.0	40.9	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c. . . . .	-	42.8	43.4	42.8	42.6	-	-	-	-	-
2819	Industrial inorganic chemicals, n.e.c. . . . .	-	41.3	41.5	42.2	41.3	-	-	-	-	-
282	Plastics materials and synthetics . . . . .	42.1	42.3	42.6	42.8	42.2	-	3.5	3.5	3.6	3.1
2821	Plastics materials and resins . . . . .	-	43.9	44.6	43.9	43.5	-	-	-	-	-
2823,4	Synthetic fibers . . . . .	-	41.0	41.1	42.1	41.2	-	-	-	-	-
283	Drugs . . . . .	40.8	40.1	40.1	40.6	40.2	-	2.2	2.3	2.5	2.4
2834	Pharmaceutical preparations . . . . .	-	39.6	39.1	39.8	39.4	-	-	-	-	-
284	Soap, cleaners, and toilet goods . . . . .	41.4	42.1	41.3	41.5	40.8	-	3.8	3.2	3.1	2.8
2841	Soap and detergents . . . . .	-	43.7	42.9	43.1	42.7	-	-	-	-	-
2844	Toilet preparations . . . . .	-	40.7	39.5	39.7	39.0	-	-	-	-	-
285	Paints, varnishes, and allied products . . . . .	42.3	41.9	41.7	41.7	42.0	-	3.3	3.0	3.2	3.2
287	Agricultural chemicals . . . . .	42.3	42.0	42.2	42.4	41.9	-	3.8	3.8	3.8	3.5
2871,2	Fertilizers, complete and mixing only . . . . .	-	41.7	42.0	42.2	41.5	-	-	-	-	-
286,9	Other chemical products . . . . .	42.2	41.8	41.8	42.1	42.2	-	3.2	3.3	3.3	3.1
	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>										
29	INDUSTRIES . . . . .	42.6	42.1	43.0	43.5	42.7	-	2.9	3.7	3.4	3.2
291	Petroleum refining . . . . .	41.9	41.5	42.4	42.8	41.7	-	2.0	2.7	2.4	2.1
295,9	Other petroleum and coal products . . . . .	45.0	43.9	44.9	45.7	45.9	-	5.7	6.8	6.7	6.8
	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b>										
30	INDUSTRIES . . . . .	42.5	41.9	41.3	42.0	42.1	-	4.3	3.9	4.3	4.1
301	Tires and inner tubes . . . . .	45.4	44.3	43.8	44.8	45.3	-	5.9	5.8	6.6	6.3
302,3,6	Other rubber products . . . . .	42.2	41.6	40.6	40.8	41.1	-	4.0	3.3	3.3	3.2
307	Miscellaneous plastics products . . . . .	41.6	41.2	40.8	41.8	41.4	-	4.0	3.5	4.2	3.9
31	<b>LEATHER AND LEATHER PRODUCTS</b>	37.9	39.1	39.0	37.8	38.4	-	2.2	2.2	1.9	1.9
311	Leather tanning and finishing . . . . .	40.0	40.4	40.4	41.0	40.9	-	3.2	3.4	3.2	3.0
314	Footwear, except rubber . . . . .	37.7	38.9	39.3	37.3	38.1	-	2.0	2.1	1.7	1.7
312,3,5-7,9	Other leather products . . . . .	37.7	39.0	37.7	38.1	38.2	-	2.3	1.8	2.1	2.0
317	Handbags and personal leather goods . . . . .	-	37.8	37.3	37.4	37.8	-	2.3	1.8	1.9	2.0
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
	Class I railroads <sup>2</sup> . . . . .		(*)	(*)	43.7	43.4					
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation . . . . .	-	42.7	42.6	42.3	42.6	-	-	-	-	-
413	Intercity and rural bus lines . . . . .	-	48.2	45.0	44.5	45.7	-	-	-	-	-
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE:</b>										
42	INDUSTRIES . . . . .	-	43.1	42.9	43.2	43.2	-	-	-	-	-
422	Public warehousing . . . . .	-	41.3	40.8	41.3	40.7	-	-	-	-	-
46	<b>PIPELINE TRANSPORTATION</b>	-	40.9	41.2	42.0	41.4	-	-	-	-	-
	<b>COMMUNICATION</b>										
48	INDUSTRIES . . . . .	-	40.7	41.1	41.3	40.4	-	-	-	-	-
481	Telephone communication . . . . .	-	40.8	41.2	41.3	40.4	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup> . . . . .	-	37.0	37.7	37.3	36.8	-	-	-	-	-
4818	Line construction employees <sup>4</sup> . . . . .	-	46.3	46.9	47.4	45.5	-	-	-	-	-
482	Telegraph communication <sup>5</sup> . . . . .	-	43.4	43.4	43.5	43.6	-	-	-	-	-
483	Radio and television broadcasting . . . . .	-	39.6	39.7	40.7	39.9	-	-	-	-	-
	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
49	INDUSTRIES . . . . .	-	41.5	42.1	41.7	41.2	-	-	-	-	-
491	Electric companies and systems . . . . .	-	41.8	42.7	41.8	41.4	-	-	-	-	-
492	Gas companies and systems . . . . .	-	41.0	41.0	41.3	40.6	-	-	-	-	-
493	Combined utility systems . . . . .	-	41.5	42.3	41.8	41.4	-	-	-	-	-
494-7	Water, steam, and sanitary systems . . . . .	-	41.1	41.7	41.8	41.9	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
-	<b>WHOLESALE AND RETAIL TRADE</b>	\$79.70	\$80.73	\$80.94	\$77.25	\$77.75	\$2.16	\$2.13	\$2.13	\$2.06	\$2.03
50	WHOLESALE TRADE . . . . .	112.20	111.25	112.20	106.90	106.34	2.75	2.72	2.73	2.62	2.60
501	Motor vehicles and automotive equipment	-	103.49	105.58	101.82	99.72	-	2.47	2.49	2.43	2.38
502	Drugs, chemicals, and allied products . .	-	112.96	114.33	110.16	108.27	-	2.81	2.83	2.72	2.68
503	Dry goods and apparel . . . . .	-	108.67	107.82	104.23	104.23	-	2.83	2.83	2.75	2.75
504	Groceries and related products . . . . .	-	103.91	105.75	97.44	98.29	-	2.51	2.50	2.40	2.38
506	Electrical goods . . . . .	-	123.94	123.48	123.55	121.41	-	2.93	2.94	2.88	2.85
507	Hardware, plumbing, and heating goods .	-	106.49	106.34	103.53	103.32	-	2.61	2.60	2.55	2.52
508	Machinery, equipment, and supplies . . .	-	123.49	123.37	115.51	116.06	-	2.99	2.98	2.79	2.79
509	Miscellaneous wholesalers . . . . .	-	110.70	111.10	107.33	107.06	-	2.74	2.75	2.67	2.65
52-59	<b>RETAIL TRADE</b>	68.90	70.11	70.48	67.16	68.07	1.93	1.90	1.91	1.84	1.82
53	General merchandise stores . . . . .	-	62.59	62.93	60.50	60.19	-	1.83	1.84	1.79	1.76
531	Department stores . . . . .	-	66.84	67.18	64.51	64.22	-	1.96	1.97	1.92	1.90
532	Mail order houses . . . . .	-	72.07	71.55	72.67	70.56	-	2.03	2.05	1.98	1.96
533	Limited price variety stores . . . . .	-	47.53	47.23	44.47	45.44	-	1.49	1.49	1.43	1.42
54	Food stores . . . . .	-	74.62	75.05	71.76	72.78	-	2.12	2.12	2.08	2.05
541-3	Grocery, meat, and vegetable stores . .	-	75.90	76.33	73.35	74.05	-	2.15	2.15	2.12	2.08
56	Apparel and accessories stores . . . . .	-	59.84	60.52	57.61	57.97	-	1.76	1.78	1.73	1.69
561	Men's and boys' apparel stores . . . . .	-	74.01	74.78	69.26	71.00	-	2.05	2.06	1.94	1.94
562	Women's ready-to-wear stores . . . . .	-	52.63	54.26	51.81	51.10	-	1.59	1.61	1.57	1.53
565	Family clothing stores . . . . .	-	59.31	60.12	57.11	58.14	-	1.76	1.80	1.71	1.70
566	Shoe stores . . . . .	-	60.86	59.88	59.33	58.65	-	1.79	1.82	1.86	1.72
57	Furniture and appliance stores . . . . .	-	91.37	91.77	88.75	89.20	-	2.29	2.30	2.23	2.23
571	Furniture and home furnishings . . . . .	-	91.43	90.12	87.96	87.78	-	2.28	2.27	2.21	2.20
58	Eating and drinking places <sup>6</sup> . . . . .	-	48.93	48.79	45.46	46.70	-	1.39	1.39	1.31	1.29
52,55,59	Other retail trade . . . . .	-	86.90	87.53	83.23	84.46	-	2.13	2.14	2.05	2.04
52	Building materials and hardware . . . .	-	92.86	93.51	89.89	89.67	-	2.19	2.19	2.13	2.10
531,2	Motor vehicle dealers . . . . .	-	108.97	110.77	103.05	105.08	-	2.54	2.57	2.38	2.41
533,9	Other vehicle and accessory dealers . .	-	92.40	92.82	85.41	88.20	-	2.10	2.10	1.95	2.00
591	Drug stores . . . . .	-	64.25	65.15	62.65	63.53	-	1.82	1.83	1.79	1.75
598	Fuel and ice dealers . . . . .	-	97.53	98.33	94.05	92.99	-	2.35	2.33	2.25	2.23
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	92.13	92.13	92.75	89.04	88.91	2.49	2.47	2.48	2.40	2.39
60	Banking . . . . .	-	82.21	82.43	79.18	79.24	-	2.21	2.21	2.14	2.13
61	Credit agencies other than banks . . . .	-	85.96	86.41	84.52	85.28	-	2.28	2.28	2.23	2.25
612	Savings and loan associations . . . . .	-	87.05	89.07	84.44	85.27	-	2.34	2.35	2.27	2.28
62	Security dealers and exchanges . . . . .	-	130.98	135.42	124.21	120.11	-	3.54	3.65	3.33	3.22
63	Insurance carriers . . . . .	-	99.70	99.80	95.98	96.23	-	2.68	2.69	2.58	2.58
631	Life insurance . . . . .	-	99.82	99.65	95.37	95.63	-	2.72	2.73	2.62	2.62
632	Accident and health insurance . . . . .	-	89.41	88.91	85.01	85.98	-	2.41	2.39	2.31	2.33
633	Fire, marine, and casualty insurance . .	-	101.41	101.90	99.06	99.06	-	2.69	2.71	2.60	2.60
	<b>SERVICES AND MISCELLANEOUS:</b>										
	Hotels and lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> . .	-	53.44	53.72	51.65	51.74	-	1.41	1.41	1.37	1.33
	Personal Services:										
721	Laundries, cleaning and dyeing plants .	-	61.12	61.76	59.06	58.67	-	1.60	1.60	1.53	1.52
	Motion pictures:										
781	Motion picture filming and distributing	-	162.51	165.68	149.36	153.98	-	3.86	3.88	3.82	3.84

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
-	<b>WHOLESALE AND RETAIL TRADE</b>	36.9	37.9	38.0	37.5	38.3					
50	WHOLESALE TRADE . . . . .	40.8	40.9	41.1	40.8	40.9	-	-	-	-	-
501	Motor vehicles and automotive equipment . . . . .	-	41.9	42.4	41.9	41.9	-	-	-	-	-
502	Drugs, chemicals, and allied products . . . . .	-	40.2	40.4	40.5	40.4	-	-	-	-	-
503	Dry goods and apparel . . . . .	-	38.4	38.1	37.9	37.9	-	-	-	-	-
504	Groceries and related products . . . . .	-	41.4	42.3	40.6	41.3	-	-	-	-	-
506	Electrical goods . . . . .	-	42.3	42.0	42.9	42.6	-	-	-	-	-
507	Hardware, plumbing, and heating goods . . . . .	-	40.8	40.9	40.6	41.0	-	-	-	-	-
508	Machinery, equipment, and supplies . . . . .	-	41.3	41.4	41.4	41.6	-	-	-	-	-
509	Miscellaneous wholesalers . . . . .	-	40.4	40.4	40.2	40.4	-	-	-	-	-
52-59	<b>RETAIL TRADE</b> . . . . .	35.7	36.9	36.9	36.5	37.4	-	-	-	-	-
53	General merchandise stores . . . . .	-	34.2	34.2	33.8	34.2	-	-	-	-	-
531	Department stores . . . . .	-	34.1	34.1	33.6	33.8	-	-	-	-	-
532	Mail order houses . . . . .	-	35.5	34.9	36.7	36.0	-	-	-	-	-
533	Limited price variety stores . . . . .	-	31.9	31.7	31.1	32.0	-	-	-	-	-
54	Food stores . . . . .	-	35.2	35.4	34.5	35.5	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores . . . . .	-	35.3	35.5	34.6	35.6	-	-	-	-	-
56	Apparel and accessories stores . . . . .	-	34.0	34.0	33.3	34.3	-	-	-	-	-
561	Men's and boys' apparel stores . . . . .	-	36.1	36.3	35.7	36.6	-	-	-	-	-
562	Women's ready-to-wear stores . . . . .	-	33.1	33.7	33.0	33.4	-	-	-	-	-
565	Family clothing stores . . . . .	-	33.7	33.4	33.4	34.2	-	-	-	-	-
566	Shoe stores . . . . .	-	34.0	32.9	31.9	34.1	-	-	-	-	-
57	Furniture and appliance stores . . . . .	-	39.9	39.9	39.8	40.0	-	-	-	-	-
571	Furniture and home furnishings . . . . .	-	40.1	39.7	39.8	39.9	-	-	-	-	-
58	Eating and drinking places <sup>6</sup> . . . . .	-	35.2	35.1	34.7	36.2	-	-	-	-	-
52,55,59	Other retail trade . . . . .	-	40.8	40.9	40.6	41.4	-	-	-	-	-
52	Building materials and hardware . . . . .	-	42.4	42.7	42.2	42.7	-	-	-	-	-
551,2	Motor vehicle dealers . . . . .	-	42.9	43.1	43.3	43.6	-	-	-	-	-
553,9	Other vehicle and accessory dealers . . . . .	-	44.0	44.2	43.8	44.1	-	-	-	-	-
591	Drug stores . . . . .	-	35.3	35.6	35.0	36.3	-	-	-	-	-
598	Fuel and ice dealers . . . . .	-	41.5	42.2	41.8	41.7	-	-	-	-	-
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b> . . . . .	37.0	37.3	37.4	37.1	37.2	-	-	-	-	-
60	Banking . . . . .	-	37.2	37.3	37.0	37.2	-	-	-	-	-
61	Credit agencies other than banks . . . . .	-	37.7	37.9	37.9	37.9	-	-	-	-	-
612	Savings and loan associations . . . . .	-	37.2	37.9	37.2	37.4	-	-	-	-	-
62	Security dealers and exchanges . . . . .	-	37.0	37.1	37.3	37.3	-	-	-	-	-
63	Insurance carriers . . . . .	-	37.2	37.1	37.2	37.3	-	-	-	-	-
631	Life insurance . . . . .	-	36.7	36.5	36.4	36.5	-	-	-	-	-
632	Accident and health insurance . . . . .	-	37.1	37.2	36.8	36.9	-	-	-	-	-
633	Fire, marine, and casualty insurance . . . . .	-	37.7	37.6	38.1	38.1	-	-	-	-	-
	<b>SERVICES AND MISCELLANEOUS:</b>										
	Hotels and lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> . . . . .	-	37.9	38.1	37.7	38.9	-	-	-	-	-
	Personal Services:										
721	Laundries, cleaning and dyeing plants . . . . .	-	38.2	38.6	38.6	38.6	-	-	-	-	-
	Motion pictures:										
781	Motion picture filming and distributing . . . . .	-	42.1	42.7	39.1	40.1	-	-	-	-	-

<sup>1</sup> For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for all other industries, to nonsupervisory workers.

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more. Data for February 1966: \$139.91, \$3.13, and 44.7.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1964, such employees made up 31 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1964, such employees made up 31 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Data relate to nonsupervisory employees except messengers.

<sup>6</sup> Money payments only; tips, not included.

<sup>7</sup> Data for nonoffice salesmen excluded from all series in this division.

<sup>8</sup> Not available.

\*\*-June 1966 revised data for: SIC 364-Electric lighting and wiring equipment, \$101.59 and \$2.49;

SIC 3643,4-Wiring devices, \$101.60 and \$2.46.

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

**Table C-3: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry**

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
<b>MANUFACTURING . . . . .</b>	\$2.60	\$2.57	\$2.59	\$2.51	\$2.49
<b>DURABLE GOODS . . . . .</b>	2.77	2.73	2.74	2.68	2.65
Ordnance and accessories . . . . .	-	3.05	3.04	3.02	3.02
Lumber and wood products, except furniture . . . . .	-	2.20	2.18	2.12	2.11
Furniture and fixtures . . . . .	-	2.11	2.10	2.05	2.03
Stone, clay, and glass products . . . . .	-	2.58	2.57	2.51	2.49
Primary metal industries . . . . .	-	3.13	3.15	3.06	3.03
Fabricated metal products . . . . .	-	2.71	2.71	2.65	2.62
Machinery . . . . .	-	2.89	2.89	2.82	2.80
Electrical equipment and supplies . . . . .	-	2.52	2.52	2.50	2.49
Transportation equipment . . . . .	-	3.14	3.13	3.07	3.01
Instruments and related products . . . . .	-	2.58	2.58	2.52	2.52
Miscellaneous manufacturing industries . . . . .	-	2.12	2.14	2.06	2.05
<b>NONDURABLE GOODS . . . . .</b>	2.36	2.35	2.35	2.29	2.27
Food and kindred products . . . . .	-	2.38	2.39	2.31	2.29
Tobacco manufactures . . . . .	-	2.12	2.27	1.94	2.02
Textile mill products . . . . .	-	1.88	1.88	1.80	1.80
Apparel and related products . . . . .	-	1.86	1.84	1.82	1.80
Paper and allied products . . . . .	-	2.60	2.60	2.53	2.51
Printing, publishing, and allied industries . . . . .	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products . . . . .	-	2.88	2.89	2.82	2.80
Petroleum refining and related industries . . . . .	-	3.27	3.28	3.17	3.13
Rubber and miscellaneous plastic products . . . . .	-	2.53	2.55	2.50	2.49
Leather and leather products . . . . .	-	1.88	1.86	1.85	1.83

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

<sup>2</sup>Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

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

**Table C-4: Gross and spendable average weekly earnings in selected industries, in current and 1957-59 dollars<sup>1</sup>**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
<b>MINING:</b>									
Current dollars . . . . .	\$131.89	\$131.46	\$125.85	\$106.64	\$106.29	\$103.77	\$115.38	\$115.02	\$112.24
1957-59 dollars . . . . .	115.90	116.03	114.41	93.71	93.81	94.34	101.39	101.52	102.04
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars . . . . .	148.99	150.15	143.54	120.14	121.04	117.89	129.64	130.60	127.10
1957-59 dollars . . . . .	130.92	132.52	130.49	105.57	106.83	107.17	113.92	115.27	115.55
<b>MANUFACTURING:</b>									
Current dollars . . . . .	111.78	111.11	106.45	91.14	90.63	88.21	99.00	98.47	95.87
1957-59 dollars . . . . .	98.22	98.07	96.77	80.09	79.99	80.19	86.99	86.91	87.15
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars . . . . .	80.73	80.94	77.75	67.07	67.24	65.18	74.08	74.25	72.12
1957-59 dollars . . . . .	70.94	71.44	70.68	58.94	59.35	59.25	65.10	65.53	65.56
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars . . . . .	92.13	92.75	88.91	76.05	76.53	74.02	83.29	83.79	81.20
1957-59 dollars . . . . .	80.96	81.86	80.83	66.83	67.55	67.29	73.19	73.95	73.82

<sup>1</sup>For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; for wholesale and retail trade, to nonsupervisory workers.

NOTE: Data for the current month are preliminary.



# ESTABLISHMENT DATA HOURS AND EARNINGS

**Table C-5: Indexes of aggregate weekly man-hours and payrolls in industrial  
and construction activities<sup>1</sup>**

1957-59=100

Industry	Sept. 1966	Aug. 1966	July 1966	Sept. 1965	Aug. 1965
	Man-hours				
<b>TOTAL</b> .....	119.9	119.6	117.2	113.0	113.0
<b>MINING</b> .....	85.7	86.8	85.9	83.0	86.3
<b>CONTRACT CONSTRUCTION</b> .....	126.1	131.2	132.4	120.1	129.4
<b>MANUFACTURING</b> .....	120.5	119.1	116.0	113.2	111.3
<b>DURABLE GOODS</b> .....	126.7	123.3	121.5	116.2	113.1
Ordnance and accessories .....	153.1	145.6	142.5	117.7	113.3
Lumber and wood products, except furniture ..	101.3	104.5	103.7	101.2	103.8
Furniture and fixtures .....	129.8	131.1	122.5	122.1	121.5
Stone, clay, and glass products .....	113.3	115.4	114.5	113.4	113.5
Primary metal industries .....	119.0	117.9	116.3	113.3	114.2
Fabricated metal products .....	128.6	127.4	122.7	119.4	117.3
Machinery .....	138.2	136.0	134.5	123.3	120.9
Electrical equipment and supplies .....	152.4	148.7	141.9	128.7	124.7
Transportation equipment .....	117.7	103.5	109.3	106.7	95.1
Instruments and related products .....	129.0	127.2	125.5	116.1	113.7
Miscellaneous manufacturing industries .....	120.3	119.0	109.9	117.9	114.8
<b>NONDURABLE GOODS</b> .....	112.4	113.6	108.9	109.2	109.1
Food and kindred products .....	106.5	105.4	99.5	104.5	103.9
Tobacco manufactures .....	96.1	88.6	70.8	107.3	93.0
Textile mill products .....	105.3	107.1	103.4	102.5	103.0
Apparel and related products .....	116.7	122.4	114.2	116.9	118.4
Paper and allied products .....	117.9	118.7	117.2	112.3	111.6
Printing, publishing, and allied industries .....	118.6	118.2	116.4	112.2	111.0
Chemicals and allied products .....	116.5	118.1	116.8	111.8	111.2
Petroleum refining and related industries .....	82.1	82.2	83.9	82.8	81.9
Rubber and miscellaneous plastics products ..	153.3	150.1	143.6	138.5	136.5
Leather and leather products .....	98.2	102.7	97.7	95.8	98.9
	Payrolls				
<b>MINING</b> .....	106.5	106.6	105.2	97.7	101.0
<b>CONTRACT CONSTRUCTION</b> .....	177.0	180.2	180.3	159.5	169.1
<b>MANUFACTURING</b> .....	156.0	152.0	148.6	140.8	136.6

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

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

# ESTABLISHMENT DATA SEASONALLY ADJUSTED HOURS

Table C-6 Average weekly hours of production workers on payrolls of selected industries<sup>1</sup>  
seasonally adjusted

Industry	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
<b>MINING</b> .....	43.1	42.5	43.2	42.9	42.6	41.7	43.2	42.7	42.6	42.9	42.1	42.3	42.3
<b>CONTRACT CONSTRUCTION</b> .....	37.7	36.9	37.8	37.4	36.1	37.2	38.5	38.1	37.8	38.6	37.2	37.1	36.4
<b>MANUFACTURING</b> .....	41.4	41.4	41.0	41.3	41.5	41.5	41.5	41.5	41.4	41.3	41.4	41.2	41.0
<i>Overtime hours</i> .....	3.9	4.0	3.8	3.9	4.0	4.0	4.1	4.1	4.0	3.8	3.7	3.8	3.5
<b>DURABLE GOODS</b> .....	42.3	42.1	41.8	42.0	42.2	42.3	42.3	42.4	42.4	42.2	42.2	42.1	41.7
<i>Overtime hours</i> .....	4.3	4.3	4.3	4.2	4.4	4.4	4.4	4.5	4.4	4.1	4.1	4.0	3.8
Ordnance and accessories .....	42.8	42.2	42.7	42.1	42.4	42.2	42.0	42.3	42.4	42.4	42.4	42.4	42.0
Lumber and wood products, except furniture ...	40.2	40.5	40.6	40.5	41.4	41.3	41.1	41.2	41.4	41.5	41.2	41.1	40.6
Furniture and fixtures .....	41.3	41.5	41.0	41.8	42.0	41.6	41.9	41.7	41.7	41.7	41.7	41.5	41.1
Stone, clay, and glass products .....	42.0	41.7	41.5	41.9	41.8	42.1	42.8	42.4	42.5	43.0	42.2	41.9	42.0
Primary metal industries .....	42.7	42.4	41.6	42.0	42.2	41.8	41.9	41.9	41.9	41.3	41.2	41.6	41.8
Fabricated metal products .....	42.5	42.2	42.1	42.3	42.4	42.4	42.4	42.5	42.5	42.3	42.3	42.2	41.7
Machinery .....	44.3	43.8	43.3	43.8	43.8	43.7	44.0	43.9	43.8	43.8	43.7	43.5	43.2
Electrical equipment and supplies .....	41.4	41.2	40.9	41.2	41.3	41.4	41.3	41.5	41.5	41.4	41.2	41.0	40.7
Transportation equipment .....	42.8	43.2	42.1	42.3	42.2	43.4	42.9	43.3	43.4	43.0	42.9	42.8	42.1
Instruments and related products .....	42.0	41.6	41.7	42.0	42.4	42.0	42.4	42.3	42.2	41.7	41.7	41.8	41.6
Miscellaneous manufacturing industries .....	40.0	39.9	39.7	40.1	40.3	40.0	40.3	40.2	40.0	40.2	40.2	40.0	39.9
<b>NONDURABLE GOODS</b> .....	40.1	40.1	40.1	40.3	40.3	40.3	40.4	40.5	40.2	40.2	40.3	40.1	40.1
<i>Overtime hours</i> .....	3.3	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.4	3.3	3.3	3.3	3.2
Food and kindred products .....	41.0	41.0	41.3	41.0	40.9	41.1	41.1	41.5	41.1	41.1	41.1	41.1	40.8
Tobacco manufactures .....	38.0	38.3	37.9	38.0	38.5	39.2	39.4	41.3	38.9	37.8	37.9	37.7	38.1
Textile mill products .....	41.9	41.9	41.7	42.2	42.2	41.9	42.4	42.3	42.2	42.0	41.9	41.8	41.8
Apparel and related products .....	35.4	36.3	36.2	36.5	36.5	36.4	36.5	36.5	36.3	36.4	36.5	36.4	36.1
Paper and allied products .....	43.5	43.3	43.4	43.4	43.7	43.7	43.5	43.5	43.3	43.5	43.7	43.3	43.0
Printing, publishing, and allied industries .....	39.0	39.0	39.0	39.0	38.7	38.9	38.7	38.7	38.5	38.7	38.6	38.5	38.7
Chemicals and allied products .....	41.8	42.0	42.0	42.0	41.9	42.3	42.0	42.1	42.0	42.0	42.0	41.9	42.1
Petroleum refining and related industries .....	41.6	41.9	42.4	42.5	42.5	42.6	42.6	42.6	42.3	42.0	42.4	42.5	42.5
Rubber and miscellaneous plastic products .....	42.2	41.8	41.5	41.7	42.1	42.4	42.2	42.3	42.3	42.3	42.4	42.3	41.7
Leather and leather products .....	38.4	38.6	38.3	38.7	39.0	39.0	38.5	38.7	38.5	38.4	38.6	38.5	38.3
<b>WHOLESALE AND RETAIL TRADE</b> .....	36.9	37.3	37.3	37.2	37.0	37.1	37.1	37.3	37.4	37.4	37.4	37.6	37.5
<b>WHOLESALE TRADE</b> .....	40.8	40.9	40.9	40.6	40.7	40.7	40.8	40.9	41.0	40.9	40.8	40.9	40.8
<b>RETAIL TRADE</b> .....	35.7	36.1	36.1	36.0	35.9	35.9	36.0	36.1	36.2	36.3	36.3	36.4	36.5

<sup>1</sup>For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for wholesale and retail trade, to non-supervisory workers.

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

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED**

**Table C-7: Indexes of aggregate weekly man-hours in industrial and construction activities<sup>1</sup>  
seasonally adjusted**

Industry	1957-59=100												
	Sept. 1966	Aug. 1966	July 1966	June 1966	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965
<b>TOTAL . . . . .</b>	115.5	115.8	115.0	115.8	114.2	114.8	116.0	114.8	113.6	113.5	111.5	110.1	108.7
<b>MINING . . . . .</b>	84.0	83.7	84.6	83.8	82.7	75.7	85.4	84.1	84.1	84.1	82.6	82.3	81.3
<b>CONTRACT CONSTRUCTION . . . . .</b>	112.1	110.7	115.3	114.4	108.1	115.3	122.8	117.6	116.8	119.8	111.3	109.1	106.5
<b>MANUFACTURING . . . . .</b>	117.7	118.4	116.5	117.7	116.9	116.7	116.3	115.9	114.5	113.8	113.0	111.6	110.4
<b>DURABLE GOODS . . . . .</b>	125.2	125.2	122.2	123.6	123.0	122.8	122.3	121.5	120.2	118.8	117.4	116.0	114.7
Ordnance and accessories . . . . .	151.7	147.2	146.6	142.1	140.8	135.4	132.4	130.9	126.4	119.3	120.5	119.3	117.0
Lumber and wood products, except furniture . . . . .	96.3	97.9	98.4	99.4	100.8	102.1	103.2	102.2	102.9	101.6	99.6	98.1	96.4
Furniture and fixtures . . . . .	125.6	127.2	124.7	128.1	128.1	125.2	126.4	124.8	124.1	123.1	121.4	119.9	118.0
Stone, clay, and glass products . . . . .	108.5	109.2	109.3	110.4	110.3	112.2	114.9	112.8	114.1	113.5	109.9	108.6	108.7
Primary metal industries . . . . .	119.0	118.6	114.9	115.6	114.4	112.9	112.3	112.0	111.6	109.2	108.9	110.9	113.1
Fabricated metal products . . . . .	126.2	126.8	124.4	125.6	125.6	126.0	125.7	125.1	123.9	122.2	121.6	119.2	117.1
Machinery . . . . .	140.1	138.3	136.0	135.6	134.2	132.4	132.7	132.0	130.4	129.8	128.9	126.6	125.1
Electrical equipment and supplies . . . . .	150.3	149.9	145.2	147.0	145.3	144.4	140.9	140.6	137.6	135.4	132.4	129.8	126.9
Transportation equipment . . . . .	118.2	118.3	112.2	115.6	114.7	117.4	116.0	115.3	113.2	111.6	110.8	109.1	107.1
Instruments and related products . . . . .	127.5	126.7	126.6	127.0	126.8	124.3	125.0	123.3	120.7	117.9	116.5	115.9	114.9
Miscellaneous manufacturing industries . . . . .	112.7	114.1	113.5	116.3	116.8	115.3	115.5	114.3	112.1	117.2	114.6	112.4	110.5
<b>NONDURABLE GOODS . . . . .</b>	107.9	109.5	109.0	110.1	109.0	108.8	108.5	108.6	107.2	107.2	107.3	105.9	104.9
Food and kindred products . . . . .	93.6	94.6	95.3	94.7	93.5	94.6	95.5	96.1	94.6	94.6	96.2	94.0	91.9
Tobacco manufactures . . . . .	75.3	78.2	84.4	85.7	85.7	88.4	88.9	91.9	86.6	84.1	83.2	82.7	84.8
Textile mill products . . . . .	104.7	105.9	104.7	106.4	105.9	104.8	105.9	105.3	105.0	104.0	103.3	102.5	102.0
Apparel and related products . . . . .	114.2	118.0	117.0	121.4	120.3	118.3	117.7	117.8	114.6	117.3	116.8	115.9	114.5
Paper and allied products . . . . .	115.7	116.9	117.4	116.3	115.7	115.5	114.3	114.1	113.1	113.0	112.9	110.9	109.9
Printing, publishing, and allied industries . . . . .	117.2	117.9	117.6	117.2	115.2	115.7	114.2	114.0	113.1	112.6	112.3	111.1	111.0
Chemicals and allied products . . . . .	115.8	117.9	116.7	116.9	113.8	113.9	113.3	113.2	112.3	111.9	111.5	110.4	111.3
Petroleum refining and related industries . . . . .	78.3	79.6	80.5	80.7	79.3	79.5	78.8	79.5	78.9	78.4	79.1	79.3	79.3
Rubber and miscellaneous plastic products . . . . .	149.9	149.6	147.1	147.8	146.6	147.3	144.7	144.0	143.6	142.8	141.3	138.8	135.7
Leather and leather products . . . . .	99.0	98.9	96.2	100.1	101.8	101.8	99.2	99.8	98.6	97.7	97.9	97.0	96.2

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

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

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

**Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
<b>ALABAMA</b> .....	\$97.21	\$96.14	\$94.24	41.9	41.8	41.7	\$2.32	\$2.30	\$2.26
Birmingham .....	123.06	123.02	119.56	42.0	41.7	42.1	2.93	2.95	2.84
Mobile .....	113.32	114.11	109.48	42.6	42.9	40.7	2.66	2.66	2.69
<b>ALASKA</b> .....	(1)	187.82	159.10	(1)	50.9	45.2	(1)	3.69	3.52
<b>ARIZONA</b> .....	120.25	118.56	114.54	41.9	41.6	41.2	2.87	2.85	2.78
Phoenix .....	118.86	118.44	115.51	42.0	42.0	41.4	2.83	2.82	2.79
Tucson .....	144.24	138.93	114.76	42.8	42.1	38.9	3.37	3.30	2.95
<b>ARKANSAS</b> .....	78.81	78.25	75.76	41.7	41.4	41.4	1.89	1.89	1.83
Fort Smith .....	77.89	76.78	73.03	42.1	41.5	39.9	1.85	1.85	1.83
Little Rock-North Little Rock .....	79.61	81.89	77.23	41.9	43.1	42.2	1.90	1.90	1.83
Pine Bluff .....	95.79	93.94	95.57	42.2	41.2	42.1	2.27	2.28	2.27
<b>CALIFORNIA</b> .....	129.15	129.34	123.73	41.0	40.8	40.7	3.15	3.17	3.04
Anaheim-Santa Ana-Garden Grove .....	129.90	130.83	125.14	41.5	41.8	41.3	3.13	3.13	3.03
Bakersfield .....	132.47	133.93	132.84	39.9	40.1	41.0	3.32	3.34	3.24
Fresno .....	108.35	109.76	103.75	39.4	39.2	39.3	2.75	2.80	2.64
Los Angeles-Long Beach .....	128.34	127.20	120.80	41.4	41.3	40.4	3.10	3.08	2.99
Oxnard-Ventura .....	113.68	116.51	106.97	38.8	39.9	37.8	2.93	2.92	2.83
Sacramento .....	137.50	137.24	129.17	40.8	39.1	39.5	3.37	3.51	3.27
San Bernardino-Riverside-Ontario .....	125.36	125.66	121.18	40.7	40.8	40.8	3.08	3.08	2.97
San Diego .....	138.31	137.23	132.84	40.8	40.6	41.0	3.39	3.38	3.24
San Francisco-Oakland .....	136.89	139.49	132.44	40.5	40.2	40.5	3.38	3.47	3.27
San Jose .....	130.00	131.43	123.79	41.8	41.2	41.4	3.11	3.19	2.99
Santa Barbara .....	124.53	122.06	125.24	40.3	39.5	40.4	3.09	3.09	3.10
Santa Rosa .....	102.82	107.52	102.94	39.7	38.4	38.7	2.59	2.80	2.66
Stockton .....	122.11	128.30	113.10	40.3	40.6	38.6	3.03	3.16	2.93
Vallejo-Napa .....	124.58	127.14	113.84	39.3	39.0	38.2	3.17	3.26	2.98
<b>COLORADO</b> .....	120.41	121.67	117.59	42.1	42.1	41.7	2.86	2.89	2.82
Denver .....	124.53	123.61	119.94	42.5	41.9	41.5	2.93	2.95	2.89
<b>CONNECTICUT</b> .....	120.98	120.41	112.56	42.9	42.7	42.0	2.82	2.82	2.68
Bridgeport .....	123.55	121.98	115.64	42.9	42.5	41.9	2.88	2.87	2.76
Hartford .....	131.57	130.98	119.13	44.3	44.1	42.7	2.97	2.97	2.79
New Britain .....	125.13	124.56	116.47	43.6	43.4	42.2	2.87	2.87	2.76
New Haven .....	121.11	119.85	103.74	42.2	42.2	39.9	2.87	2.84	2.60
Stamford .....	119.83	120.10	114.53	41.9	41.7	41.8	2.86	2.88	2.74
Waterbury .....	120.06	121.21	115.40	43.5	43.6	42.9	2.76	2.78	2.69
<b>DELAWARE</b> .....	106.11	112.20	113.28	39.3	40.8	41.8	2.70	2.75	2.71
Wilmington .....	120.36	129.47	125.44	38.7	41.1	41.4	3.11	3.15	3.03
<b>DISTRICT OF COLUMBIA:</b> Washington SMSA .....	(1)	119.43	113.24	(1)	40.9	40.3	(1)	2.92	2.81
<b>FLORIDA</b> .....	96.44	96.64	91.36	42.3	42.2	42.1	2.28	2.29	2.17
Fort Lauderdale-Hollywood .....	89.16	90.01	(1)	40.9	41.1	(1)	2.18	2.19	(1)
Jacksonville .....	92.11	90.76	89.95	40.4	40.7	40.7	2.28	2.23	2.21
Miami .....	89.23	89.86	85.67	41.5	41.6	40.6	2.15	2.16	2.11
Orlando .....	91.94	96.35	(1)	41.6	43.4	(1)	2.21	2.22	(1)
Pensacola .....	113.13	115.87	107.61	41.9	42.6	42.2	2.70	2.72	2.55
Tampa-St. Petersburg .....	98.56	102.05	94.38	42.3	42.7	42.9	2.33	2.39	2.20
West Palm Beach .....	110.70	108.75	(1)	45.0	43.5	(1)	2.46	2.50	(1)
<b>GEORGIA</b> .....	85.90	85.28	82.39	41.5	41.0	41.4	2.07	2.08	1.99
Atlanta .....	104.04	103.83	102.41	40.8	40.4	40.8	2.55	2.57	2.51
Savannah .....	109.30	110.30	101.93	42.2	42.1	41.1	2.59	2.62	2.48
<b>HAWAII</b> .....	101.02	102.93	85.14	44.7	47.0	39.6	2.26	2.19	2.15
<b>IDAHO</b> .....	117.38	118.67	112.32	40.9	40.5	41.6	2.87	2.93	2.70
<b>ILLINOIS</b> .....	121.63	120.35	115.98	41.5	41.1	41.2	2.93	2.93	2.81
Chicago .....	125.13	122.71	118.52	41.9	41.2	41.4	2.99	2.98	2.86
Davenport-Rock Island-Moline .....	(1)	130.74	126.84	(1)	40.1	40.9	(1)	3.26	3.10

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

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

**Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
<b>ILLINOIS--(Continued)</b>									
Peoria.....	(1)	\$141.52	\$130.72	(1)	42.5	41.6	(1)	\$3.33	\$3.14
Rockford.....	(1)	120.32	116.39	(1)	42.4	42.8	(1)	2.84	2.72
<b>INDIANA.....</b>	<b>\$126.96</b>	<b>124.31</b>	<b>121.26</b>	<b>41.9</b>	<b>41.3</b>	<b>41.7</b>	<b>\$3.03</b>	<b>3.01</b>	<b>2.91</b>
Indianapolis.....	(1)	125.22	123.85	(1)	41.6	42.4	(1)	3.01	2.92
<b>IOWA.....</b>	<b>117.76</b>	<b>115.92</b>	<b>110.69</b>	<b>40.6</b>	<b>40.0</b>	<b>40.1</b>	<b>2.90</b>	<b>2.90</b>	<b>2.76</b>
Cedar Rapids.....	120.18	120.03	115.06	41.7	42.0	41.3	2.88	2.86	2.78
Des Moines.....	128.65	122.69	124.00	39.9	38.6	39.6	3.23	3.18	3.13
<b>KANSAS.....</b>	<b>118.77</b>	<b>119.42</b>	<b>114.07</b>	<b>42.6</b>	<b>42.6</b>	<b>42.6</b>	<b>2.79</b>	<b>2.80</b>	<b>2.68</b>
Topeka.....	130.92	121.26	129.90	44.3	42.5	43.6	2.96	2.86	2.98
Wichita.....	128.83	119.71	116.59	42.6	43.0	42.0	3.03	3.02	2.77
<b>KENTUCKY.....</b>	<b>104.30</b>	<b>104.23</b>	<b>102.41</b>	<b>40.9</b>	<b>40.4</b>	<b>40.8</b>	<b>2.55</b>	<b>2.58</b>	<b>2.51</b>
Louisville.....	122.80	122.12	119.93	41.3	40.9	41.3	2.97	2.99	2.90
<b>LOUISIANA.....</b>	<b>112.67</b>	<b>112.52</b>	<b>110.94</b>	<b>42.2</b>	<b>42.3</b>	<b>43.0</b>	<b>2.67</b>	<b>2.66</b>	<b>2.58</b>
Baton Rouge.....	137.57	143.40	138.74	40.7	42.3	42.3	3.38	3.39	3.28
New Orleans.....	119.99	117.59	116.30	42.1	41.7	42.6	2.85	2.82	2.73
Shreveport.....	107.35	106.75	105.64	42.6	42.7	44.2	2.52	2.50	2.39
<b>MAINE.....</b>	<b>89.86</b>	<b>89.01</b>	<b>84.87</b>	<b>41.6</b>	<b>41.4</b>	<b>41.2</b>	<b>2.16</b>	<b>2.15</b>	<b>2.06</b>
Lewiston-Auburn.....	76.44	75.84	71.39	39.4	39.5	38.8	1.94	1.92	1.84
Portland.....	94.58	94.16	91.49	41.3	41.3	41.4	2.29	2.28	2.21
<b>MARYLAND.....</b>	<b>110.16</b>	<b>112.48</b>	<b>106.66</b>	<b>40.8</b>	<b>41.2</b>	<b>41.5</b>	<b>2.70</b>	<b>2.73</b>	<b>2.57</b>
Baltimore.....	117.42	118.94	113.16	41.2	41.3	41.3	2.85	2.88	2.74
<b>MASSACHUSETTS.....</b>	<b>104.14</b>	<b>103.17</b>	<b>99.23</b>	<b>41.0</b>	<b>40.3</b>	<b>40.5</b>	<b>2.54</b>	<b>2.56</b>	<b>2.45</b>
Boston.....	111.93	111.50	106.53	40.7	40.4	40.2	2.75	2.76	2.65
Brockton.....	90.98	88.40	81.27	40.8	40.0	37.8	2.23	2.21	2.15
Fall River.....	74.30	71.68	69.26	36.6	36.2	35.7	2.03	1.98	1.94
Lawrence-Haverhill.....	95.84	94.41	90.62	40.1	39.5	39.4	2.39	2.39	2.30
Lowell.....	87.47	89.04	83.67	39.4	39.4	39.1	2.22	2.26	2.14
New Bedford.....	84.32	83.81	81.18	39.4	38.8	39.6	2.14	2.16	2.05
Springfield-Chicopee-Holyoke.....	107.53	106.49	103.98	41.2	40.8	41.1	2.61	2.61	2.53
Worcester.....	112.61	110.70	107.90	41.4	40.4	41.5	2.72	2.74	2.60
<b>MICHIGAN.....</b>	<b>141.23</b>	<b>141.65</b>	<b>133.92</b>	<b>42.9</b>	<b>42.6</b>	<b>42.5</b>	<b>3.29</b>	<b>3.33</b>	<b>3.15</b>
Ann Arbor.....	141.26	137.16	129.66	42.6	41.4	40.8	3.32	3.31	3.18
Detroit.....	153.20	152.95	142.95	43.3	43.5	42.8	3.54	3.52	3.34
Flint.....	160.72	156.14	145.44	43.1	42.2	41.2	3.73	3.70	3.53
Grand Rapids.....	120.64	119.99	116.19	42.3	42.1	41.9	2.85	2.85	2.77
Kalamazoo.....	133.72	137.62	121.99	43.9	44.9	42.3	3.05	3.07	2.88
Lansing.....	153.17	137.98	132.00	43.9	41.2	40.0	3.49	3.35	3.30
Muskegon-Muskegon Heights.....	130.17	128.05	119.95	42.1	41.4	40.4	3.09	3.09	2.97
Saginaw.....	143.56	136.61	126.40	42.7	41.0	39.9	3.36	3.33	3.17
<b>MINNESOTA.....</b>	<b>114.50</b>	<b>115.94</b>	<b>110.60</b>	<b>41.0</b>	<b>41.7</b>	<b>40.9</b>	<b>27.9</b>	<b>2.78</b>	<b>2.71</b>
Duluth-Superior.....	121.64	116.94	108.58	41.3	40.1	39.5	2.95	2.92	2.75
Minneapolis-St. Paul.....	123.59	123.15	118.71	41.6	41.6	41.3	2.97	2.96	2.88
<b>MISSISSIPPI.....</b>	<b>79.42</b>	<b>78.25</b>	<b>76.86</b>	<b>41.8</b>	<b>41.4</b>	<b>42.0</b>	<b>1.90</b>	<b>1.89</b>	<b>1.83</b>
Jackson.....	87.07	83.69	85.89	44.2	42.7	44.5	1.97	1.96	1.93
<b>MISSOURI.....</b>	<b>108.25</b>	<b>108.22</b>	<b>104.56</b>	<b>40.3</b>	<b>40.1</b>	<b>40.2</b>	<b>2.69</b>	<b>2.70</b>	<b>2.60</b>
Kansas City.....	121.76	123.03	112.75	41.7	42.0	40.5	2.92	2.94	2.78
St. Louis.....	120.47	119.77	117.99	40.3	39.8	40.5	2.99	3.01	2.91
<b>MONTANA.....</b>	<b>115.82</b>	<b>116.00</b>	<b>120.13</b>	<b>39.8</b>	<b>40.0</b>	<b>42.3</b>	<b>2.91</b>	<b>2.90</b>	<b>2.84</b>
<b>NEBRASKA.....</b>	<b>105.83</b>	<b>104.10</b>	<b>104.10</b>	<b>43.4</b>	<b>42.7</b>	<b>44.0</b>	<b>2.44</b>	<b>2.44</b>	<b>2.37</b>
Omaha.....	114.07	112.35	112.87	42.7	42.0	43.1	2.67	2.68	2.62

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

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

**Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
NEVADA.....	\$133.81	\$135.05	\$130.17	41.3	41.3	40.3	\$3.24	\$3.27	\$3.23
NEW HAMPSHIRE.....	87.54	86.50	85.49	41.1	40.8	41.5	2.13	2.12	2.06
Manchester.....	81.56	80.57	80.00	39.4	39.3	40.2	2.07	2.05	1.99
NEW JERSEY.....	116.18	116.16	111.93	41.2	40.9	41.0	2.82	2.84	2.73
Atlantic City.....	87.42	85.75	84.38	40.1	39.7	39.8	2.18	2.16	2.12
Jersey City <sup>2</sup> .....	114.95	112.44	109.62	41.2	40.3	40.6	2.79	2.79	2.70
Newark <sup>2</sup> .....	116.05	116.16	111.52	41.3	40.9	41.0	2.81	2.84	2.72
Paterson-Clifton-Passaic <sup>2</sup> .....	114.77	115.34	112.07	40.7	40.9	40.9	2.82	2.82	2.74
Perth Amboy <sup>2</sup> .....	125.97	124.49	115.71	42.7	42.2	40.6	2.95	2.95	2.85
Trenton.....	115.46	114.49	109.34	40.8	40.6	40.2	2.83	2.82	2.72
NEW MEXICO.....	92.00	92.57	94.80	40.0	40.6	40.0	2.30	2.28	2.37
Albuquerque.....	98.40	96.00	96.23	40.0	40.0	39.6	2.46	2.40	2.43
NEW YORK.....	(1)	109.97	106.00	(1)	39.7	39.7	(1)	2.77	2.67
Albany-Schenectady-Troy.....	122.84	120.13	116.40	41.5	41.0	40.7	2.96	2.93	2.85
Binghamton.....	106.04	101.85	103.22	41.1	40.1	40.8	2.58	2.54	2.53
Buffalo.....	134.40	131.97	128.63	42.0	41.5	41.9	3.20	3.18	3.07
Elmira.....	112.20	109.48	109.34	41.1	40.4	40.8	2.73	2.71	2.68
Monroe County <sup>3</sup> .....	131.55	132.49	123.14	42.3	42.6	41.6	3.11	3.11	2.96
Nassau and Suffolk Counties <sup>4</sup> .....	116.90	112.31	108.27	41.6	40.4	40.4	2.81	2.78	2.68
New York-Northeastern New Jersey.....	(1)	109.14	104.66	(1)	39.4	39.2	(1)	2.77	2.67
New York SMSA <sup>2</sup> .....	(1)	103.79	100.08	(1)	38.3	38.2	(1)	2.71	2.62
New York City <sup>4</sup> .....	(1)	102.60	98.66	(1)	38.0	37.8	(1)	2.70	2.61
Rochester.....	127.62	128.17	118.98	42.4	42.3	41.6	3.01	3.03	2.86
Rockland County <sup>4</sup> .....	115.51	112.59	109.08	41.7	40.5	40.7	2.77	2.78	2.68
Syracuse.....	118.24	116.18	113.58	41.2	40.2	41.3	2.87	2.89	2.75
Utica-Rome.....	108.58	106.49	101.66	41.6	40.8	40.5	2.61	2.61	2.51
Westchester County <sup>4</sup> .....	105.47	101.79	105.86	39.8	37.7	39.5	2.65	2.70	2.68
NORTH CAROLINA.....	80.29	79.32	75.95	41.6	41.1	41.5	1.93	1.93	1.83
Charlotte.....	84.23	83.00	80.79	41.7	41.5	42.3	2.02	2.00	1.91
Greensboro-High Point.....	81.19	80.40	76.36	40.8	40.4	40.4	1.99	1.99	1.89
NORTH DAKOTA.....	106.48	108.29	100.40	42.7	43.7	42.3	2.50	2.48	2.38
Fargo-Moorhead.....	112.89	112.35	106.07	41.9	42.4	41.3	2.69	2.65	2.57
OHIO.....	130.33	130.06	125.55	42.2	42.1	42.0	3.09	3.09	2.99
Akron.....	142.91	149.11	144.68	41.2	42.9	43.0	3.47	3.48	3.36
Canton.....	127.06	127.28	121.44	41.2	41.4	40.2	3.08	3.07	3.02
Cincinnati.....	120.34	121.20	117.22	41.8	41.9	41.9	2.88	2.89	2.80
Cleveland.....	134.75	131.79	129.20	42.8	42.0	42.5	3.15	3.14	3.04
Columbus.....	122.52	120.65	116.44	41.2	40.8	40.7	2.97	2.96	2.86
Dayton.....	144.93	147.68	135.19	43.1	43.6	42.4	3.36	3.39	3.19
Toledo.....	137.78	129.83	131.15	42.7	40.9	42.1	3.23	3.17	3.12
Youngstown-Warren.....	138.31	139.69	133.37	41.2	41.3	40.8	3.36	3.38	3.27
OKLAHOMA.....	105.17	105.17	100.98	41.9	41.9	41.9	2.51	2.51	2.41
Oklahoma City.....	100.38	99.25	97.13	42.0	41.7	42.6	2.39	2.38	2.28
Tulsa.....	120.96	118.96	112.46	43.2	43.1	42.6	2.80	2.76	2.64
OREGON.....	120.50	122.14	119.19	39.9	39.4	41.1	3.02	3.10	2.90
Eugene.....	125.25	126.36	126.58	41.2	40.5	43.2	3.04	3.12	2.93
Portland.....	118.78	122.98	118.30	39.2	39.8	40.1	3.03	3.09	2.95
PENNSYLVANIA.....	110.84	110.84	106.49	40.6	40.6	40.8	2.73	2.73	2.61
Allentown-Bethlehem-Easton.....	107.05	106.62	102.83	39.5	39.2	39.4	2.71	2.72	2.61
Altoona.....	90.46	88.59	88.66	39.5	39.2	40.3	2.29	2.26	2.20
Erie.....	120.83	119.71	113.55	43.0	42.6	41.9	2.81	2.81	2.71
Harrisburg.....	97.77	99.55	94.94	40.4	40.8	41.1	2.42	2.44	2.31
Johnstown.....	109.62	114.86	107.62	37.8	39.2	38.3	2.90	2.93	2.81
Lancaster.....	102.17	98.49	97.76	41.7	40.7	41.6	2.45	2.42	2.35
Philadelphia.....	118.37	118.37	112.48	41.1	41.1	40.9	2.88	2.88	2.75
Pittsburgh.....	132.11	133.49	127.30	40.9	41.2	40.8	3.23	3.24	3.12
Reading.....	95.20	95.52	95.65	39.5	39.8	40.7	2.41	2.40	2.35
Scranton.....	84.96	82.32	77.96	39.7	39.2	37.3	2.14	2.10	2.09
Wilkes-Barre-Hazleton.....	78.17	76.84	73.16	37.4	37.3	36.4	2.09	2.06	2.01
York.....	96.83	96.83	93.09	42.6	42.1	42.9	2.32	2.30	2.17
RHODE ISLAND.....	93.48	93.43	89.13	41.0	40.8	40.7	2.28	2.29	2.19
Providence-Pawtucket-Warwick.....	93.94	92.57	89.16	41.2	40.6	40.9	2.28	2.28	2.18

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

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## ESTABLISHMENT DATA STATE AND AREA HOURS AND EARNINGS

Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas--Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965	Aug. 1966	July 1966	Aug. 1965
<b>SOUTH CAROLINA</b> .....	\$82.96	\$82.15	\$79.80	41.9	41.7	42.0	\$1.98	\$1.97	\$1.90
Charleston .....	93.38	92.62	85.28	40.6	40.8	41.2	2.30	2.27	2.07
Greenville .....	84.94	81.09	79.66	42.9	41.8	42.6	1.98	1.94	1.87
<b>SOUTH DAKOTA</b> .....	107.58	111.39	100.37	45.2	47.0	43.8	2.38	2.37	2.29
Sioux Falls .....	126.02	124.82	114.77	47.2	47.1	44.4	2.67	2.65	2.58
<b>TENNESSEE</b> .....	89.64	88.97	85.69	41.5	41.0	41.0	2.16	2.17	2.09
Chattanooga (1) .....	(1)	98.77	94.24	(1)	41.5	41.7	(1)	2.38	2.26
Knoxville .....	100.28	99.87	96.22	41.1	41.1	40.6	2.44	2.43	2.37
Memphis .....	100.80	100.02	100.54	42.0	41.5	42.6	2.40	2.41	2.36
Nashville .....	97.34	97.64	93.15	41.6	41.2	41.4	2.34	2.37	2.25
<b>TEXAS</b> .....	107.84	107.59	103.74	41.8	41.7	42.0	2.58	2.58	2.47
Austin .....	80.78	80.78	74.12	40.8	40.8	40.5	1.98	1.98	1.83
Beaumont-Port Arthur .....	133.67	141.54	133.40	39.9	42.0	41.3	3.35	3.37	3.23
Corpus Christi .....	125.04	124.62	122.51	42.1	42.1	42.1	2.97	2.96	2.91
Dallas .....	95.30	95.47	93.75	40.9	40.8	41.3	2.33	2.34	2.27
El Paso .....	75.55	74.43	74.09	40.4	39.8	37.8	1.87	1.87	1.96
Fort Worth .....	117.45	117.79	105.57	42.4	40.9	41.4	2.77	2.88	2.55
Houston .....	129.73	130.03	123.70	43.1	43.2	43.1	3.01	3.01	2.87
San Antonio .....	83.60	84.42	77.36	41.8	42.0	40.5	2.00	2.01	1.91
<b>UTAH</b> .....	120.25	122.66	115.14	40.9	41.3	40.4	2.94	2.97	2.85
Salt Lake City .....	116.60	115.34	111.78	41.2	40.9	40.5	2.83	2.82	2.76
<b>VERMONT</b> .....	99.39	97.98	92.23	43.4	42.6	42.5	2.29	2.30	2.17
Burlington .....	105.36	102.77	99.16	43.9	43.0	43.3	2.40	2.39	2.29
Springfield .....	116.93	112.23	107.69	44.8	43.5	43.6	2.61	2.58	2.47
<b>VIRGINIA</b> .....	91.12	90.91	86.94	41.8	41.7	41.4	2.18	2.18	2.10
Lynchburg .....	88.13	87.44	87.16	43.2	43.5	43.8	2.04	2.01	1.99
Norfolk-Portsmouth .....	91.94	95.37	84.35	41.6	42.2	39.6	2.21	2.26	2.13
Richmond .....	101.02	101.18	94.00	41.4	40.8	40.0	2.44	2.48	2.35
Roanoke .....	87.98	85.28	87.44	42.3	41.4	43.5	2.08	2.06	2.01
<b>WASHINGTON</b> .....	130.90	130.90	123.82	40.4	40.4	40.2	3.24	3.24	3.08
Seattle-Everett .....	137.27	137.50	126.58	41.1	40.8	40.7	3.34	3.37	3.11
Spokane .....	127.12	131.87	124.18	39.6	40.7	39.8	3.21	3.24	3.12
Tacoma .....	125.05	122.15	120.69	39.2	38.9	39.7	3.19	3.14	3.04
<b>WEST VIRGINIA</b> .....	113.52	114.33	108.93	40.4	40.4	39.9	2.81	2.83	2.73
Charleston .....	139.83	138.55	134.31	42.5	42.5	41.2	3.29	3.26	3.26
Huntington-Ashland .....	116.66	116.05	112.13	38.0	37.8	38.4	3.07	3.07	2.92
Wheeling .....	117.96	115.95	113.12	41.1	40.4	40.4	2.87	2.87	2.80
<b>WISCONSIN</b> .....	118.30	118.00	112.41	41.9	41.8	41.8	2.82	2.82	2.69
Green Bay .....	119.37	122.09	115.85	44.0	44.1	44.3	2.71	2.77	2.61
Kenosha .....	128.66	124.87	124.26	39.2	39.4	40.0	3.28	3.17	3.11
La Crosse .....	104.77	108.55	100.72	39.3	40.2	39.0	2.66	2.70	2.58
Madison .....	123.09	124.73	116.99	41.6	42.0	41.0	2.96	2.97	2.85
Milwaukee .....	132.63	132.29	124.30	41.8	41.7	41.3	3.17	3.18	3.01
Racine .....	125.07	127.73	115.79	41.0	41.2	39.9	3.05	3.10	2.90
<b>WYOMING</b> .....	121.47	122.78	105.43	41.6	41.2	38.2	2.92	2.98	2.76
Casper .....	120.58	123.87	116.39	38.4	39.2	36.6	3.14	3.16	3.18

<sup>1</sup>Not available.

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

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

<sup>4</sup>Subarea of New York Standard Metropolitan Statistical Area.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

# ESTABLISHMENT DATA LABOR TURNOVER

Table D-1: Labor turnover rates in manufacturing

1956 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1956.....	3.8	3.6	3.6	4.0	4.1	5.1	4.3	4.9	5.2	5.1	3.6	2.7	4.2
1957.....	3.7	3.3	3.3	3.4	3.6	4.8	4.2	4.1	4.1	3.5	2.6	2.0	3.6
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 <sup>1</sup> .....	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	6.1					
New hires													
1956.....	2.5	2.4	2.2	2.5	2.8	3.6	2.9	3.4	3.4	3.2	2.3	1.8	2.8
1957.....	2.3	2.0	2.0	2.1	2.3	3.2	2.8	2.7	2.5	2.1	1.3	.8	2.2
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964.....	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965.....	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966.....	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.7					
Total separations													
1956.....	4.1	4.1	3.9	3.9	4.3	4.2	3.8	4.6	5.5	4.4	4.0	3.4	4.2
1957.....	3.8	3.4	3.7	3.8	3.9	3.7	3.7	4.7	5.5	5.0	4.9	4.6	4.2
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 <sup>1</sup> .....	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	5.7	4.4	3.9	4.1	4.1
1966.....	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.6					
Quits													
1956.....	1.6	1.6	1.7	1.8	1.8	2.0	1.9	2.7	3.2	2.1	1.6	1.2	1.9
1957.....	1.5	1.4	1.5	1.6	1.6	1.6	1.7	2.3	2.7	1.6	1.1	.8	1.6
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964.....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966.....	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6					
Layoffs													
1956.....	1.9	2.0	1.7	1.6	1.9	1.6	1.5	1.4	1.8	1.7	1.9	1.8	1.7
1957.....	1.7	1.5	1.5	1.7	1.8	1.4	1.6	1.9	2.3	3.0	3.4	3.4	2.1
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964.....	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965.....	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966.....	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1					

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

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

Data for the current month are preliminary.



**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966
	<b>MANUFACTURING . . . . .</b>	6.1	5.1	4.7	3.9	5.6	5.3	3.6	2.5	1.1	2.0
19,24,25,32-39	<b>DURABLE GOODS . . . . .</b>	5.7	4.5	4.4	3.5	5.3	5.4	3.3	2.3	1.0	2.2
20-23,26-31	<b>NONDURABLE GOODS . . . . .</b>	6.6	6.0	5.2	4.4	6.0	5.3	4.0	2.8	1.2	1.7
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES . . . . .</b>	4.5	3.8	3.6	3.1	3.2	3.0	1.9	1.5	.5	.6
192	Ammunition, except for small arms . . . . .	4.5	3.7	3.4	3.1	3.2	3.0	1.8	1.6	.6	.5
194	Sighting and fire control equipment . . . . .	3.4	3.8	2.8	3.3	1.7	1.4	1.1	.8	.1	.1
191,3,5,6,9	Other ordnance and accessories . . . . .	4.7	4.3	4.2	3.3	3.9	3.4	2.6	1.5	.4	1.0
24	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE . . . . .</b>	7.1	6.4	6.4	5.8	8.4	6.6	6.0	4.6	1.3	.9
242	Sawmills and planing mills . . . . .	6.6	5.9	6.1	5.4	7.8	6.1	6.0	4.6	.9	.6
2421	Sawmills and planing mills, general . . . . .	6.1	5.5	5.6	5.0	7.4	5.8	5.5	4.3	.9	.6
243	Millwork, plywood, and related products . . . . .	5.9	4.9	5.3	4.6	8.9	5.7	5.6	3.7	2.2	.9
2431	Millwork . . . . .	4.5	4.2	4.2	4.0	7.8	5.3	5.0	3.4	2.0	.9
2432	Veneer and plywood . . . . .	6.7	5.0	6.0	4.7	8.3	5.6	5.7	3.8	1.5	.7
244	Wooden containers . . . . .	9.1	8.7	8.2	7.3	9.7	8.3	6.5	4.7	2.0	2.4
2441,2	Wooden boxes, shooks, and crates . . . . .	9.3	9.6	8.4	8.1	10.4	8.3	6.7	5.1	2.3	2.1
249	Miscellaneous wood products . . . . .	8.3	6.7	7.6	5.6	8.7	7.3	6.9	4.2	.5	2.0
25	<b>FURNITURE AND FIXTURES . . . . .</b>	8.6	6.8	7.7	6.0	8.1	6.4	6.2	4.2	.6	1.1
251	Household furniture . . . . .	8.6	6.9	7.9	6.1	8.1	6.7	6.4	4.5	.4	1.0
2511	Wood house furniture, unupholstered . . . . .	9.0	7.4	8.5	6.4	8.9	7.1	7.3	4.9	.2	1.0
2512	Wood house furniture, upholstered . . . . .	6.9	5.9	6.3	5.2	6.0	5.1	4.9	3.8	.2	.5
2515	Mattresses and bedsprings . . . . .	8.0	6.7	7.4	6.2	6.9	5.9	5.2	3.9	.3	.9
252	Office furniture . . . . .	7.7	5.0	7.2	4.7	7.3	3.9	5.2	2.8	.4	.2
32	<b>STONE, CLAY, AND GLASS PRODUCTS . . . . .</b>	4.7	4.6	3.8	3.7	5.7	4.5	3.6	2.5	1.0	1.1
321	Flat glass . . . . .	2.5	3.0	1.6	1.1	4.9	3.2	1.8	.6	2.3	2.1
322	Glass and glassware, pressed or blown . . . . .	4.4	4.9	3.5	3.5	4.7	4.4	3.2	2.2	.4	1.2
3221	Glass containers . . . . .	3.8	4.8	3.3	3.8	4.9	3.8	3.6	2.8	.3	.2
3229	Pressed and blown glassware, n.e.c. . . . .	5.2	5.1	3.7	3.2	4.4	5.2	2.7	1.5	.5	2.4
324	Cement, hydraulic . . . . .	1.8	1.9	1.8	1.7	3.3	1.5	1.6	.6	.5	.2
325	Structural clay products . . . . .	4.8	4.7	4.0	4.2	7.4	5.3	5.1	3.7	1.5	.7
3251	Brick and structural clay tile . . . . .	4.8	5.9	4.6	5.3	7.4	5.5	5.7	4.2	.7	.5
326	Pottery and related products . . . . .	6.0	4.3	4.7	2.8	5.2	4.7	3.5	2.5	.6	1.3
3291	Abrasive products . . . . .	2.8	3.7	2.8	3.3	3.2	2.4	1.9	1.5	(1)	.3
33	<b>PRIMARY METAL INDUSTRIES . . . . .</b>	3.7	3.0	3.1	2.3	4.2	3.6	2.7	1.5	.3	1.1
331	Blast furnace and basic steel products . . . . .	2.6	2.1	2.0	1.5	3.6	2.3	2.1	.9	.3	.3
3312	Blast furnaces, steel and rolling mills . . . . .	2.5	2.0	1.8	1.5	3.5	2.2	2.0	.8	.3	.2
332	Iron and steel foundries . . . . .	(2)	4.2	(2)	3.4	(2)	6.7	(2)	2.6	(2)	2.9
3321	Gray iron foundries . . . . .	(2)	4.3	(2)	3.4	(2)	8.7	(2)	2.8	(2)	4.6
3322	Malleable iron foundries . . . . .	(2)	4.2	(2)	3.3	(2)	5.0	(2)	3.0	(2)	.7
3323	Steel foundries . . . . .	(2)	3.9	(2)	3.3	(2)	3.5	(2)	2.1	(2)	.4
333,4	Nonferrous smelting and refining . . . . .	3.2	3.1	3.0	2.8	3.8	2.8	2.5	1.5	.2	.4
335	Nonferrous rolling, drawing, and extruding . . . . .	3.2	3.8	2.7	2.2	3.0	3.6	1.9	1.4	.3	1.5
3351	Copper rolling, drawing, and extruding . . . . .	3.4	3.2	2.7	1.9	3.2	2.6	1.9	1.1	.3	.7
3352	Aluminum rolling, drawing, and extruding . . . . .	2.4	3.2	1.9	2.6	2.6	3.2	1.4	1.7	.5	.5
3357	Nonferrous wire drawing, and insulating . . . . .	(2)	5.5	(2)	2.1	(2)	5.4	(2)	1.4	(2)	3.3
336	Nonferrous foundries . . . . .	8.3	5.5	7.6	4.3	7.6	5.6	5.8	3.0	.5	1.2
3361	Aluminum castings . . . . .	8.0	5.4	7.6	4.3	7.6	5.3	6.2	3.2	.3	.6
3362,9	Other nonferrous castings . . . . .	8.6	5.7	7.5	4.3	7.5	6.0	5.4	2.9	.8	1.9
339	Miscellaneous primary metal industries . . . . .	(2)	3.0	(2)	2.9	(2)	4.4	(2)	1.7	(2)	1.9
3391	Iron and steel forgings . . . . .	(2)	2.6	(2)	2.5	(2)	4.9	(2)	1.5	(2)	2.7

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

# ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS . . . . .	6.0	5.2	5.3	4.0	6.0	5.4	4.0	2.6	0.8	1.7
341	Metal cans . . . . .	4.8	6.1	3.2	3.8	6.5	4.5	3.5	1.6	1.5	1.5
342	Cutlery, hand tools, and general hardware . . . . .	(2)	5.2	(2)	2.8	(2)	4.8	(2)	2.2	(2)	1.7
3421,3,5	Cutlery and hand tools, including saws . . . . .	(2)	4.6	(2)	2.7	(2)	4.7	(2)	2.1	(2)	1.9
3429	Hardware, n.e.c. . . . .	(2)	5.6	(2)	2.8	(2)	4.8	(2)	2.2	(2)	1.6
343	Heating equipment and plumbing fixtures . . . . .	4.9	4.2	4.5	3.8	5.4	4.5	3.3	2.7	.9	.7
3431,2	Sanitary ware and plumbers' brass goods . . . . .	4.0	3.4	3.5	3.0	5.4	4.6	3.0	2.8	1.0	.8
3433	Heating equipment, except electric . . . . .	5.6	5.0	5.2	4.5	5.4	4.3	3.5	2.6	.8	.6
344	Fabricated structural metal products . . . . .	5.5	5.4	5.0	5.0	6.0	4.9	4.1	2.9	.8	.9
3441	Fabricated structural steel . . . . .	5.6	5.4	5.2	5.0	5.8	5.1	3.9	2.9	.9	1.1
3443	Fabricated plate work (boiler shops) . . . . .	4.4	4.1	4.1	3.8	4.4	3.7	3.3	2.2	.3	.6
3446,9	Architectural and miscellaneous metal work . . . . .	6.2	5.8	5.4	5.3	6.5	4.7	4.6	2.9	.8	.8
345	Screw machine products, bolts, etc. . . . .	5.8	5.1	5.4	4.2	5.8	4.6	4.3	2.8	.3	.8
3452	Bolts, nuts, screws, rivets, and washers . . . . .	4.6	3.9	4.4	3.3	5.1	3.5	3.6	2.3	.2	.2
346	Metal stampings . . . . .	(2)	5.4	(2)	3.0	(2)	8.3	(2)	2.0	(2)	5.4
348	Miscellaneous fabricated wire products . . . . .	6.5	5.2	6.0	4.9	6.2	4.5	4.9	3.0	.3	.2
349	Miscellaneous fabricated metal products . . . . .	4.2	3.7	3.8	3.1	5.3	3.8	3.4	2.4	1.0	.5
3494,8	Valves, pipe, and pipe fittings . . . . .	4.3	3.3	3.9	2.9	4.8	3.4	3.2	2.2	.7	.4
35	MACHINERY . . . . .	4.2	3.8	3.7	2.9	4.3	3.8	2.8	1.9	.4	1.0
351	Engines and turbines . . . . .	5.5	4.2	3.9	2.5	4.6	4.0	2.6	1.1	1.0	2.0
3511	Steam engines and turbines . . . . .	1.7	3.3	1.1	2.4	1.5	1.8	.6	.6	(1)	(1)
3519	Internal combustion engines, n.e.c. . . . .	7.6	4.7	5.3	2.5	6.3	5.2	3.6	1.4	1.6	3.1
352	Farm machinery and equipment . . . . .	4.6	2.9	3.7	2.5	5.1	4.5	3.3	2.1	1.0	1.3
353	Construction and related machinery . . . . .	4.0	3.2	3.7	2.8	4.0	3.1	2.8	1.8	.1	.4
3531,2	Construction and mining machinery . . . . .	3.5	3.1	3.2	2.8	3.4	2.7	2.1	1.5	.1	.2
3533	Oil field machinery, and equipment . . . . .	3.8	3.1	3.5	2.5	5.1	3.7	3.8	2.7	.2	.2
3535,6	Conveyors, hoists, and industrial cranes . . . . .	4.4	3.7	4.3	3.2	4.7	2.9	3.5	1.7	.1	.5
354	Metalworking machinery and equipment . . . . .	3.5	3.2	3.1	2.7	4.0	3.3	2.6	1.8	.5	.8
3541	Machine tools, metal cutting types . . . . .	3.0	2.9	2.8	2.7	3.0	2.3	2.2	1.5	(1)	.1
3545	Machine tool accessories . . . . .	4.3	3.4	4.1	2.9	4.0	3.2	2.9	1.8	.1	.5
3542,8	Miscellaneous metalworking machinery . . . . .	3.2	2.1	2.6	1.9	3.4	2.1	2.1	1.3	.4	.2
355	Special industry machinery . . . . .	3.6	3.0	3.3	2.5	3.7	3.0	2.7	1.8	.2	.5
3551	Food products machinery . . . . .	3.1	3.0	2.9	2.7	3.4	3.1	2.2	1.6	.3	.7
3552	Textile machinery . . . . .	4.8	3.6	4.3	2.8	5.0	4.2	3.5	2.4	.2	.6
356	General industrial machinery . . . . .	3.8	4.0	3.5	2.6	3.7	3.9	2.6	1.7	.2	1.3
3561	Pumps; air and gas compressors . . . . .	3.7	3.0	3.4	2.8	3.9	2.6	2.8	1.7	.2	.1
3562	Ball and roller bearings . . . . .	(2)	5.1	(2)	1.8	(2)	5.6	(2)	1.2	(2)	3.7
3566	Mechanical power transmission goods . . . . .	3.6	4.7	3.4	2.4	3.8	4.4	2.5	1.4	.2	2.2
357	Office, computing, and accounting machines . . . . .	3.6	4.6	3.2	2.8	2.9	3.8	1.8	1.4	.1	1.3
3571	Computing machines and cash registers . . . . .	2.8	3.6	2.4	2.7	2.5	2.6	1.5	1.3	.1	.2
358	Service industry machines . . . . .	5.5	3.9	4.7	3.2	6.3	4.3	4.1	2.4	.9	.9
3585	Refrigeration, except home refrigerators . . . . .	5.5	4.1	4.4	3.1	6.8	4.7	4.1	2.3	1.2	1.3
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .	5.9	4.3	4.6	3.4	4.4	4.0	3.1	2.0	.3	1.0
361	Electric distribution equipment . . . . .	4.5	3.4	3.7	3.0	3.9	2.9	2.8	1.8	.1	.3
3611	Electric measuring instruments . . . . .	5.6	3.5	4.5	3.2	4.9	3.1	3.4	2.0	.2	.4
3612	Power and distribution transformers . . . . .	4.3	3.5	3.4	3.0	3.7	2.7	2.7	1.6	(1)	.3
3613	Switchgear and switchboard apparatus . . . . .	3.6	3.2	3.2	2.7	3.2	2.9	2.3	1.7	(1)	.3
362	Electrical industrial apparatus . . . . .	4.3	4.1	3.7	3.4	3.8	3.1	2.8	1.9	.2	.4
3621	Motors and generators . . . . .	4.0	4.0	3.5	3.3	3.6	3.1	2.6	1.8	.3	.5
3622	Industrial controls . . . . .	5.0	4.1	4.3	3.6	4.3	2.9	3.1	2.0	.2	.2
363	Household appliances . . . . .	7.5	4.0	3.9	3.0	5.0	6.6	3.1	2.1	.6	3.5
3632	Household refrigerators and freezers . . . . .	(2)	3.6	(2)	2.3	(2)	11.9	(2)	1.8	(2)	8.9
3633	Household laundry equipment . . . . .	4.8	2.9	4.1	2.6	5.2	2.0	3.4	1.4	.7	.1
3634	Electric housewares and fans . . . . .	7.7	4.3	5.6	3.5	6.7	5.2	4.3	3.0	1.5	1.3
364	Electric lighting and wiring equipment . . . . .	5.8	4.8	4.8	3.5	4.5	5.2	3.3	2.4	.4	2.0
3641	Electric lamps . . . . .	5.5	1.4	3.4	1.2	2.5	2.9	1.8	1.0	.1	1.4
3642	Lighting fixtures . . . . .	7.5	6.0	6.1	4.1	5.5	6.9	3.7	2.7	.7	3.2
3643,4	Wiring devices . . . . .	4.7	5.4	4.3	4.0	4.5	5.1	3.5	2.7	.2	1.5
365	Radio and TV receiving sets . . . . .	10.2	6.7	8.9	5.4	5.1	4.9	3.8	2.6	.1	1.1
366	Communication equipment . . . . .	4.3	3.5	3.5	2.8	3.2	2.6	2.1	1.5	.2	.5
3661	Telephone and telegraph apparatus . . . . .	(2)	1.0	(2)	.9	(2)	2.3	(2)	1.0	(2)	.9
3662	Radio and TV communication equipment . . . . .	4.9	4.3	4.1	3.5	3.3	2.7	2.1	1.6	.3	.3
367	Electronic components and accessories . . . . .	7.5	4.7	5.6	3.8	6.1	4.8	4.4	2.7	.5	1.0
3671-3	Electron tubes . . . . .	7.5	3.1	5.5	2.5	4.3	3.1	2.8	1.4	.1	.9
3674,9	Electronic components, n.e.c. . . . .	7.5	5.1	5.7	4.1	6.6	5.2	4.9	3.0	.6	1.0
369	Miscellaneous electrical equipment and supplies . . . . .	5.2	3.8	4.3	2.6	4.3	2.9	2.8	1.8	.5	.4
3694	Electrical equipment for engines . . . . .	4.4	2.8	3.3	1.2	3.6	2.1	2.4	1.1	.4	.2

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

**ESTABLISHMENT DATA**  
**LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b> .....	7.4	4.5	3.2	3.1	6.2	9.8	2.2	1.8	3.1	7.1
371	Motor vehicles and equipment .....	(2)	3.3	(2)	1.7	(2)	17.3	(2)	1.2	(2)	15.0
3711	Motor vehicles .....	(2)	2.9	(2)	1.7	(2)	21.0	(2)	1.3	(2)	18.6
3712	Passenger car bodies .....	(2)	4.7	(2)	.4	(2)	15.1	(2)	.3	(2)	13.9
3713	Truck and bus bodies .....	(2)	4.4	(2)	4.1	(2)	8.5	(2)	2.9	(2)	4.7
3714	Motor vehicle parts and accessories .....	(2)	3.3	(2)	1.5	(2)	15.7	(2)	1.0	(2)	13.7
372	Aircraft and parts .....	4.3	4.5	3.9	3.7	3.0	2.8	2.1	1.7	.2	.4
3721	Aircraft .....	4.4	4.3	3.9	3.4	2.7	2.4	1.8	1.6	.2	.2
3722	Aircraft engines and engine parts .....	3.7	4.6	3.4	3.7	3.0	2.8	2.1	1.4	.2	.8
3723,9	Other aircraft parts and equipment .....	5.0	5.1	4.6	4.7	4.2	4.2	3.0	2.5	.1	.6
373	Ship and boat building and repairing .....	7.9	9.4	5.0	5.5	9.4	8.3	4.2	3.5	3.9	3.5
3731	Ship building and repairing .....	8.4	10.2	5.2	5.6	9.4	8.0	4.0	3.0	4.1	3.8
374	Railroad equipment .....	7.3	3.5	4.4	2.5	4.5	4.1	2.1	1.2	1.1	1.8
375,9	Other transportation equipment .....	8.4	7.2	7.8	6.4	10.2	8.7	7.2	5.3	1.1	1.5
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	4.8	4.1	4.2	3.3	3.8	3.3	2.7	1.8	.3	.8
381	Engineering and scientific instruments .....	4.4	3.7	3.4	2.4	3.0	3.7	2.2	1.6	.3	1.3
382	Mechanical measuring and control devices .....	4.6	3.3	3.9	2.9	3.8	3.6	2.6	1.9	.4	1.0
3821	Mechanical measuring devices .....	3.9	3.3	3.6	2.8	3.8	3.0	2.6	1.8	.6	.7
3822	Automatic temperature controls .....	5.7	3.4	4.3	2.9	3.9	4.6	2.8	2.1	.2	1.5
383,5	Optical and ophthalmic goods .....	4.8	3.5	4.1	2.8	4.2	3.6	3.4	2.0	.2	1.0
384	Surgical, medical, and dental equipment .....	5.3	3.9	4.8	3.5	4.6	3.4	3.5	2.1	.2	.4
386	Photographic equipment and supplies .....	(2)	5.1	(2)	4.8	(2)	1.9	(2)	1.2	(2)	.2
387	Watches and clocks .....	7.3	5.2	6.7	2.8	6.2	5.3	4.0	2.3	.3	2.0
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	8.0	7.7	7.0	5.4	6.8	6.6	4.6	3.3	1.0	2.3
391	Jewelry, silverware, and plated ware .....	6.5	6.5	5.6	3.2	5.0	7.7	3.7	2.7	.2	4.4
394	Toys, amusement, and sporting goods .....	11.6	11.9	10.3	8.3	9.2	8.6	6.2	4.6	1.5	2.4
3941-3	Toys, games, dolls, and play vehicles .....	14.3	16.3	12.7	10.8	10.0	9.7	7.4	5.3	1.1	2.5
3949	Sporting and athletic goods, n.e.c. ....	6.7	4.9	5.7	4.3	7.6	6.7	4.1	3.5	2.3	2.1
395	Pens, pencils, office and art materials .....	6.1	5.4	5.5	4.0	6.0	4.4	4.8	2.5	.3	1.2
396	Cosume jewelry, buttons, and notions .....	7.0	9.7	6.0	5.8	6.9	8.7	4.9	3.6	.7	4.3
393,8,9	Other manufacturing industries .....	6.5	4.9	5.7	4.1	5.7	4.8	3.5	2.6	1.0	1.2
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	10.3	9.2	8.0	7.0	8.0	6.2	4.8	3.1	2.4	2.3
201	Meat products .....	7.7	7.2	5.1	5.0	8.3	6.0	4.9	3.4	2.8	1.9
2011	Meat packing .....	5.9	4.9	2.2	2.4	6.9	4.7	2.2	1.4	4.2	2.7
2015	Poultry dressing and packing .....	14.9	14.9	13.5	12.4	13.9	10.9	12.7	9.4	.4	.3
204	Grain mill products .....	3.9	3.4	3.3	2.9	5.1	3.4	3.0	1.8	1.4	.9
2041	Flour and other grain mill products .....	2.9	3.7	2.6	3.0	3.8	2.6	2.6	1.3	.8	.7
2042	Prepared feeds for animals and fowls .....	4.7	3.5	3.7	3.2	4.8	4.1	3.6	2.3	.6	1.1
205	Bakery products .....	4.7	5.1	4.2	4.6	4.9	4.4	3.6	2.9	.5	.7
2051	Bread, cake, and perishable products .....	4.2	4.9	3.9	4.6	4.8	4.3	3.6	3.0	.5	.6
2052	Biscuit, crackers, and pretzels .....	8.4	6.5	6.3	5.0	6.0	5.1	3.7	2.5	.5	1.4
207	Confectionery and related products .....	11.7	8.3	8.7	5.0	6.9	6.6	5.4	3.4	.7	2.5
2071	Candy and other confectionery products .....	13.3	9.1	9.8	5.7	7.9	7.6	6.2	3.8	.8	3.0
208	Beverages .....	5.3	7.8	4.1	6.2	7.3	5.6	4.0	2.8	2.3	1.9
2082	Malt liquors .....	3.5	6.0	1.4	3.5	6.0	4.8	1.7	.8	3.6	3.5
21	<b>TOBACCO MANUFACTURES</b> .....	18.6	9.0	9.7	4.0	8.0	5.5	2.9	1.7	4.3	3.2
211	Cigarettes .....	1.8	1.3	1.5	1.0	1.8	1.2	1.1	.7	(1)	(1)
212	Cigars .....	(2)	8.3	(2)	3.2	(2)	12.7	(2)	3.2	(2)	8.7

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

# ESTABLISHMENT DATA

## LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS . . . . .	6.2	5.3	5.1	4.0	6.4	5.5	4.8	3.5	0.6	1.1
221	Cotton broad woven fabrics . . . . .	5.6	4.4	4.8	3.5	5.7	4.5	4.6	3.5	.1	.2
222	Silk and synthetic broad woven fabrics . . . . .	6.1	4.7	5.0	3.8	6.2	4.9	4.8	3.3	.5	.9
223	Weaving and finishing broad woolens . . . . .	4.6	4.6	3.6	3.6	7.1	5.4	3.7	3.0	1.5	1.4
224	Narrow fabrics and smallwares . . . . .	6.4	6.2	5.3	4.2	5.5	6.1	4.1	3.4	.5	2.1
225	Knitting . . . . .	6.0	5.8	4.9	4.3	6.0	6.2	4.6	3.7	.5	1.8
2251	Women's full and knee length hosiery . . . . .	5.1	4.8	4.5	4.0	4.5	4.2	3.9	3.4	.2	.3
2252	All other hosiery . . . . .	6.4	4.8	5.6	3.9	6.0	4.9	4.9	3.6	.2	.8
2254	Knit underwear . . . . .	4.6	4.7	3.6	3.9	4.8	4.4	4.3	3.8	.1	.1
226	Finishing textiles, except wool and knit . . . . .	5.0	4.6	4.3	2.8	6.2	4.9	4.6	2.6	.8	1.7
227	Floor covering . . . . .	6.3	4.6	5.8	3.9	6.0	3.7	4.4	2.4	.5	.7
228	Yarn and thread . . . . .	8.8	7.0	7.1	5.3	9.1	7.2	7.1	4.8	.9	1.3
229	Miscellaneous textile goods . . . . .	6.7	5.6	5.2	4.4	6.5	5.8	4.3	3.1	1.2	1.6
23	APPAREL AND RELATED PRODUCTS . . . . .	7.2	7.4	5.2	4.5	7.0	7.9	4.4	3.7	1.7	3.2
231	Men's and boys' suits and coats . . . . .	5.6	4.6	4.0	3.1	4.1	5.3	2.9	2.7	.5	2.1
232	Men's and boys' furnishings . . . . .	7.2	6.8	6.0	5.0	7.2	7.6	6.0	5.0	.5	1.8
2321	Men's and boys' shirts and nightwear . . . . .	6.8	6.5	5.4	4.6	7.3	7.3	6.0	4.8	.4	1.8
2327	Men's and boys' separate trousers . . . . .	7.5	6.2	6.4	5.0	7.2	6.8	6.2	4.9	.3	1.0
2328	Work clothing . . . . .	7.7	6.7	6.8	5.4	7.5	7.4	6.5	5.6	.3	.9
234	Women's and children's undergarments . . . . .	7.6	7.3	5.9	5.3	6.7	7.6	5.1	4.3	.8	2.4
2341	Women's and children's underwear . . . . .	8.3	7.6	6.2	5.9	6.9	8.1	5.4	4.9	.5	2.1
2342	Corsets and allied garments . . . . .	6.4	6.7	5.2	4.1	6.4	6.8	4.4	3.2	1.3	2.9
26	PAPER AND ALLIED PRODUCTS . . . . .	4.3	3.9	3.8	3.4	4.9	3.5	3.4	2.2	.5	.5
261,2,6	Paper and pulp . . . . .	2.2	2.3	1.8	1.9	2.9	1.9	1.9	1.0	.4	.3
263	Paperboard . . . . .	2.9	2.7	2.7	2.4	3.8	2.2	2.5	1.3	.4	.3
264	Converted paper and paperboard products . . . . .	5.4	4.9	4.7	4.4	5.8	4.3	4.0	2.8	.8	.6
2643	Bags, except textile bags . . . . .	7.7	5.9	5.9	5.2	8.1	6.6	5.8	3.9	.9	1.3
265	Paperboard containers and boxes . . . . .	6.0	5.2	5.5	4.5	6.6	5.0	4.7	3.2	.5	.7
2651,2	Folding and setup paperboard boxes . . . . .	6.8	5.8	6.4	4.7	6.7	5.7	4.9	3.3	.3	1.3
2653	Corrugated and solid fiber boxes . . . . .	5.9	4.9	5.5	4.5	6.4	4.7	5.0	3.2	.3	.4
	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES . . . . .	4.0	3.7	3.4	3.1	4.2	3.3	3.0	2.1	.6	.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2.8	2.6	2.4	2.1	3.0	2.2	2.0	1.1	.3	.5
281	Industrial chemicals . . . . .	1.8	1.8	1.5	1.5	2.1	1.3	1.4	.7	.2	.1
282	Plastics materials and synthetics . . . . .	2.2	2.0	2.0	1.8	2.8	1.7	1.9	1.0	.3	.2
2821	Plastics materials and resins . . . . .	2.7	2.6	2.5	2.3	3.2	1.8	2.5	1.1	(1)	.1
2823,4	Synthetic fibers . . . . .	1.7	1.5	1.4	1.3	2.4	1.7	1.4	.8	.5	.3
283	Drugs . . . . .	2.5	2.5	2.3	2.2	2.5	1.8	1.9	1.2	.2	.2
2834	Pharmaceutical preparations . . . . .	2.6	2.3	2.3	2.1	2.6	1.9	2.0	1.3	.2	.2
284	Soap, cleaners, and toilet goods . . . . .	5.3	4.7	4.7	3.5	4.5	4.1	3.1	1.8	.4	1.4
2841	Soap and detergents . . . . .	3.9	3.2	3.4	2.2	3.2	4.1	2.3	1.4	.4	1.7
2844	Toilet preparations . . . . .	7.6	6.2	6.6	5.1	6.3	4.5	3.9	2.2	.8	1.2
285	Paints, varnishes, and allied products . . . . .	2.6	2.9	2.2	2.4	3.8	2.5	2.6	1.3	.3	.4
286,9	Other chemical products . . . . .	4.0	3.8	3.6	3.3	3.8	2.6	2.8	1.5	.4	.4
29	PETROLEUM REFINING AND RELATED INDUSTRIES . . . . .	1.9	2.2	1.7	2.0	2.5	2.1	1.4	.9	.5	.6
291	Petroleum refining . . . . .	1.4	1.8	1.2	1.6	1.9	1.7	1.0	.6	.4	.6
295,9	Other petroleum and coal products . . . . .	3.7	4.0	3.4	3.6	5.1	3.6	3.1	2.2	.9	.6
30	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS . . . . .	6.8	5.9	5.6	4.4	6.2	5.7	4.5	2.8	.6	1.8
301	Tires and inner tubes . . . . .	2.4	2.0	2.0	1.5	2.6	1.5	1.8	.7	.3	.2
302,3,6	Other rubber products . . . . .	5.6	6.1	4.2	3.6	3.6	6.6	3.7	2.5	.9	3.0
307	Miscellaneous plastics products . . . . .	10.0	7.7	8.5	6.4	8.4	7.1	6.4	4.1	.4	1.6

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966	Aug. 1966	July 1966
	<i>Nondurable Goods--Continued</i>										
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	7.4	7.5	5.6	5.3	7.9	8.1	5.9	4.4	0.9	2.7
311	Leather tanning and finishing .....	5.5	5.9	4.1	3.8	6.8	6.1	4.4	2.8	1.5	2.7
314	Footwear, except rubber .....	6.8	7.2	5.2	5.2	7.9	7.9	6.1	4.7	.7	2.3
	<b>NONMANUFACTURING</b>										
10	<b>METAL MINING</b> .....	3.1	3.2	2.6	2.7	3.3	3.7	2.3	2.0	.2	.8
101	Iron ores .....	1.8	1.7	1.1	1.1	2.1	2.9	1.1	.7	.2	1.5
102	Copper Ores .....	2.5	2.7	2.2	1.9	2.7	3.3	2.1	1.7	.1	.8
11,12	<b>COAL MINING</b> .....	2.2	1.6	1.4	1.1	1.6	2.5	.9	.9	.2	1.2
12	Bituminous .....	2.1	1.6	1.5	1.1	1.6	2.3	.9	.9	.2	1.0
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	(2)	3.5	-	-	(2)	2.0	(2)	1.5	(2)	.1
482	Telegraph communication <sup>3</sup> .....	(2)	3.0	-	-	(2)	2.5	(2)	1.3	(2)	.6

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

<sup>2</sup> Not available.

<sup>3</sup> Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

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

**Table D-4: Labor turnover rates in manufacturing, 1956 to date**  
**seasonally adjusted**

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1956.....	4.2	4.2	4.0	4.3	4.2	4.0	4.0	3.9	4.2	4.8	4.3	4.0
1957.....	4.0	3.9	3.7	3.7	3.6	3.8	3.9	3.3	3.3	3.3	3.1	3.0
1958.....	3.1	3.1	3.1	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 <sup>1</sup> .....	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	4.2	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	3.8	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.7	3.9
1964.....	3.8	4.0	3.9	3.9	3.8	4.1	4.0	4.0	3.9	4.0	4.0	4.1
1965.....	4.0	4.1	4.3	4.0	4.1	4.4	4.1	4.3	4.5	4.5	4.9	4.8
1966.....	4.9	4.9	5.2	4.8	5.1	5.3	4.6	4.8				
New hires												
1956.....	3.0	3.0	2.6	2.8	2.8	2.7	2.5	2.6	2.6	2.9	2.8	2.9
1957.....	2.8	2.5	2.4	2.4	2.3	2.4	2.4	2.1	1.9	1.9	1.6	1.3
1958.....	1.4	1.4	1.3	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.7	2.4	2.4	2.6
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	2.4	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	2.3	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.....	2.9	3.0	3.3	2.8	2.9	3.1	2.9	3.0	3.1	3.3	3.6	3.8
1966.....	3.8	3.9	4.3	3.9	4.0	4.0	3.5	3.6				
Total separations												
1956.....	4.2	4.9	4.2	4.0	4.5	4.4	3.9	4.2	4.3	4.0	4.0	3.7
1957.....	3.9	4.0	4.0	3.9	4.1	3.9	3.8	4.3	4.3	4.5	4.8	4.9
1958.....	5.4	4.8	4.9	4.6	4.2	3.8	3.8	3.7	3.5	3.8	3.6	3.7
1959 <sup>1</sup> .....	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.2	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	4.0	3.9
1963.....	4.0	3.8	3.9	3.9	4.0	3.8	3.9	4.1	3.8	3.8	4.0	3.8
1964.....	4.0	3.9	3.9	3.8	3.9	3.9	4.1	3.6	4.0	3.9	3.7	3.8
1965.....	3.7	3.7	3.8	4.1	3.9	4.0	4.0	4.2	4.4	4.1	4.0	4.3
1966.....	4.1	4.4	4.6	4.7	4.7	4.9	5.0	4.6				
Quits												
1956.....	2.0	2.1	2.0	1.9	1.9	2.0	1.8	2.0	1.9	1.9	1.9	1.9
1957.....	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.7	1.6	1.4	1.3	1.3
1958.....	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961.....	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962.....	1.3	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964.....	1.5	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	1.8	1.9	1.7	1.7	1.8	1.8	2.0	2.0	2.2	2.3
1966.....	2.3	2.4	2.7	2.7	2.5	2.5	2.5	2.5				
Layoffs												
1956.....	1.6	2.3	1.8	1.6	2.1	1.9	1.7	1.5	1.8	1.5	1.7	1.5
1957.....	1.5	1.7	1.6	1.7	2.0	1.7	1.8	2.1	2.3	2.7	3.0	2.7
1958.....	3.4	3.3	3.4	3.3	3.0	2.4	2.5	2.3	2.1	2.1	1.9	1.9
1959.....	1.8	1.7	1.7	1.7	1.6	1.7	1.9	2.0	2.0	2.9	2.5	1.9
1960.....	1.5	2.0	2.3	2.3	2.3	2.5	2.4	2.5	2.5	2.6	2.7	2.8
1961.....	2.8	3.0	2.5	2.1	2.2	2.3	2.2	1.9	2.2	1.8	1.9	2.0
1962.....	1.8	2.0	1.8	1.8	2.0	2.0	2.0	2.2	2.0	2.0	2.0	1.9
1963.....	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.8	1.8	1.7
1964.....	1.8	1.9	1.8	1.7	1.8	1.7	1.8	1.3	1.6	1.7	1.5	1.6
1965.....	1.5	1.4	1.4	1.5	1.4	1.4	1.6	1.5	1.4	1.3	1.3	1.4
1966.....	1.2	1.2	1.2	1.2	1.1	1.3	1.7	1.0				

<sup>1</sup>Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.  
NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.  
Data for the current month are preliminary.

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## ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

Table D-5: 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	
	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966
ALABAMA <sup>1</sup>	(2)	5.5	(2)	4.1	(2)	4.2	(2)	2.4	(2)	1.2
Birmingham	3.1	4.1	2.0	3.1	3.3	2.5	1.1	1.1	1.4	.9
Mobile <sup>1</sup>	9.4	11.1	2.9	4.3	5.6	13.3	2.4	2.2	2.1	10.3
ALASKA	38.6	40.0	34.7	34.7	15.8	14.2	7.3	7.7	7.1	4.9
ARIZONA	5.6	7.0	4.7	5.5	5.0	5.1	2.6	2.5	1.4	1.5
Phoenix	5.5	6.5	4.7	5.2	5.0	5.2	2.5	2.5	1.4	1.6
ARKANSAS	7.9	9.0	6.9	8.1	8.2	7.2	5.6	5.0	1.6	1.2
Fort Smith	7.8	8.3	6.8	7.5	17.4	10.5	8.2	6.7	8.4	2.8
Little Rock-North Little Rock	4.9	7.5	4.7	6.8	4.6	5.6	3.6	4.1	.2	.6
Pine Bluff	5.0	7.1	4.4	6.3	5.2	6.0	4.2	4.3	.2	1.0
CALIFORNIA <sup>1</sup>	5.4	7.0	4.6	5.9	5.7	5.0	2.7	2.7	1.9	1.1
Anaheim-Santa Ana-Garden Grove*	-	-	-	-	-	-	-	-	-	-
Los Angeles-Long Beach <sup>1</sup>	5.8	7.0	5.0	6.0	6.8	5.3	3.0	3.0	2.5	1.0
Sacramento*	-	-	-	-	-	-	-	-	-	-
San Bernardino-Riverside-Ontario*	-	-	-	-	-	-	-	-	-	-
San Diego*	-	-	-	-	-	-	-	-	-	-
San Francisco-Oakland <sup>1</sup> *	-	-	-	-	-	-	-	-	-	-
San Jose*	-	-	-	-	-	-	-	-	-	-
Stockton*	-	-	-	-	-	-	-	-	-	-
COLORADO	6.0	8.0	4.4	7.0	4.4	4.4	2.7	2.4	.8	1.0
CONNECTICUT	4.0	5.7	3.7	5.0	3.2	3.2	2.2	2.2	.2	.2
Bridgeport	(2)	5.6	(2)	4.6	(2)	2.8	(2)	1.9	(2)	.3
Hartford	4.8	5.6	4.7	5.1	2.8	3.0	1.9	2.1	(3)	.1
New Britain	(2)	5.8	(2)	5.1	(2)	3.0	(2)	2.2	(2)	(3)
New Haven	(2)	5.4	(2)	4.4	(2)	3.4	(2)	2.2	(2)	.1
Stamford	(2)	5.4	(2)	5.1	(2)	2.6	(2)	1.7	(2)	.3
Waterbury	(2)	5.3	(2)	4.4	(2)	3.1	(2)	2.1	(2)	.4
DELAWARE <sup>1</sup>	2.9	5.4	2.4	4.5	12.4	2.7	1.5	1.6	9.9	.3
Wilmington <sup>1</sup>	2.4	4.8	2.0	4.0	12.1	2.2	1.3	1.3	9.9	.3
DISTRICT OF COLUMBIA: Washington SMSA	(2)	3.4	(2)	3.3	(2)	2.4	(2)	1.8	(2)	.1
FLORIDA	6.8	7.3	5.8	6.2	6.0	6.7	3.7	3.5	1.4	2.3
Fort Lauderdale-Hollywood	(2)	8.8	(2)	8.2	(2)	7.5	(2)	4.8	(2)	1.0
Jacksonville	7.5	8.9	5.3	7.1	4.7	5.5	3.4	3.3	.3	1.6
Miami	6.9	7.1	6.1	6.3	5.2	6.0	3.1	3.4	1.4	1.9
Orlando	4.2	6.4	2.8	5.4	5.3	10.9	1.8	2.5	2.5	7.6
Pensacola	1.7	2.3	1.5	2.1	1.5	1.7	1.0	1.4	.2	.1
Tampa-St. Petersburg	9.3	7.9	6.9	6.2	6.4	7.9	3.8	3.5	1.5	3.4
West Palm Beach	(2)	7.1	(2)	6.7	(2)	5.9	(2)	4.5	(2)	.3
GEORGIA	5.5	6.0	4.6	4.9	5.5	4.8	3.2	3.2	1.4	.7
Atlanta <sup>4</sup>	5.0	5.7	4.5	4.9	7.8	4.3	2.9	2.8	3.9	.5
HAWAII <sup>5</sup>	3.0	5.1	2.2	4.1	2.2	2.5	1.4	1.6	.2	.2
IDAHO <sup>6</sup>	6.3	10.8	5.7	9.0	5.0	6.7	3.3	3.9	1.9	1.8
ILLINOIS: Chicago	4.8	7.1	4.4	6.4	4.4	4.5	3.0	3.0	.3	.
INDIANA <sup>1</sup>	3.9	6.6	3.0	5.7	4.4	4.5	2.2	2.4	1.3	1.1
Indianapolis <sup>7</sup>	4.2	7.2	3.2	6.1	5.4	5.2	2.1	2.4	2.3	1.5
IOWA	4.1	6.4	3.5	5.5	3.8	3.3	2.3	2.3	.9	.3
Cedar Rapids	6.0	6.4	4.8	5.2	3.4	3.5	2.1	2.0	.8	.9
Des Moines	4.3	7.0	3.6	5.8	4.1	4.0	2.7	2.5	.5	.5

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

# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

Table D-5: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966
KANSAS .....	4.6	7.3	3.8	6.1	4.8	5.3	2.7	2.8	1.0	1.6
Topeka .....	3.2	6.8	2.5	5.1	4.2	4.2	1.9	1.4	1.5	2.1
Wichita .....	4.5	7.7	3.9	6.8	4.0	5.0	2.8	2.8	.1	1.1
KENTUCKY .....	4.1	5.1	3.2	4.2	3.8	3.5	2.3	2.1	.7	.8
Louisville .....	4.3	5.2	3.0	4.1	3.0	3.6	1.8	1.9	.5	.9
LOUISIANA .....	6.1	6.3	4.6	4.8	4.1	3.9	1.9	1.8	1.4	1.3
New Orleans <sup>8</sup> .....	4.7	7.5	2.7	5.0	5.0	5.0	1.8	2.1	2.0	1.8
MAINE .....	6.9	11.2	5.5	8.4	5.6	5.3	4.1	3.9	.6	.6
Portland .....	5.6	6.3	5.1	5.3	4.8	4.2	3.6	3.0	.3	.5
MARYLAND .....	5.1	6.1	3.9	5.1	4.2	3.6	2.1	2.0	1.4	.9
Baltimore .....	4.5	5.8	3.4	4.8	4.1	3.4	1.8	1.8	1.6	.9
MASSACHUSETTS .....	6.5	6.6	3.3	5.6	6.6	3.8	2.3	2.5	3.3	.4
Boston .....	5.8	6.0	3.1	5.1	5.5	3.3	2.0	2.2	2.6	.4
Fall River .....	7.6	5.0	3.9	4.2	10.2	3.5	3.3	2.4	5.9	.4
New Bedford .....	9.6	6.9	3.9	5.9	11.2	3.8	3.1	2.6	7.0	.3
Springfield-Chicopee-Holyoke .....	5.7	7.7	3.5	6.5	5.9	4.6	2.2	2.8	2.4	.4
Worcester .....	4.2	6.6	2.9	5.8	5.4	3.7	2.4	2.7	1.6	.4
MICHIGAN .....	4.1	5.3	2.4	3.9	10.6	4.7	1.6	1.7	8.0	1.9
Detroit .....	3.6	4.7	2.2	3.5	10.7	4.2	1.5	1.6	8.1	1.4
Grand Rapids * .....	-	-	-	-	-	-	-	-	-	-
Kalamazoo * .....	-	-	-	-	-	-	-	-	-	-
Lansing * .....	-	-	-	-	-	-	-	-	-	-
Muskegon-Muskegon Heights * .....	-	-	-	-	-	-	-	-	-	-
Saginaw * .....	-	-	-	-	-	-	-	-	-	-
MINNESOTA .....	(2)	8.6	(2)	7.1	(2)	3.7	(2)	2.4	(2)	.6
Duluth-Superior .....	(2)	8.0	(2)	7.3	(2)	3.7	(2)	3.0	(2)	.1
Minneapolis-St. Paul .....	(2)	7.8	(2)	6.5	(2)	3.6	(2)	2.3	(2)	.6
MISSISSIPPI .....	(2)	6.3	(2)	5.5	(2)	5.5	(2)	3.4	(2)	1.1
Jackson .....	5.6	7.7	5.2	7.3	4.8	5.1	3.9	4.2	.3	.1
MISSOURI .....	9/4.4	6.2	9/3.6	5.2	9/5.4	3.9	9/2.6	2.4	9/1.8	.6
Kansas City .....	4.6	6.4	3.7	5.2	4.5	4.2	2.3	2.3	1.1	1.1
St. Louis .....	3.7	5.6	2.9	4.8	7.3	3.8	1.9	1.9	4.1	.9
MONTANA <sup>6</sup> .....	4.6	8.6	4.1	7.3	4.9	5.2	3.4	3.2	.3	.8
NEBRASKA .....	5.7	8.3	4.8	6.8	4.2	4.3	3.0	3.1	.6	.5
NEVADA .....	3.5	6.7	2.4	5.3	5.5	5.3	3.0	2.3	1.9	2.0
NEW HAMPSHIRE .....	4.9	7.5	4.3	6.7	4.8	4.8	3.4	3.6	.5	.4
NEW JERSEY:										
Jersey City .....	4.0	4.9	2.5	3.7	4.8	3.3	1.4	1.5	2.6	.9
Newark .....	4.8	5.7	2.9	4.6	5.2	3.1	1.6	1.7	2.9	.7
Paterson-Clifton-Passaic .....	5.0	5.6	3.1	4.4	6.8	3.4	1.9	1.9	4.1	.7
Perth Amboy .....	3.4	5.8	2.5	5.0	3.4	2.6	1.3	1.4	1.5	.4
Trenton .....	6.3	5.3	2.6	4.3	5.1	3.6	1.8	1.9	2.5	.8
NEW MEXICO * .....	-	-	-	-	-	-	-	-	-	-
Albuquerque * .....	-	-	-	-	-	-	-	-	-	-
NEW YORK .....	5.5	5.9	3.7	4.5	5.4	4.5	1.9	1.9	2.7	1.8
Albany-Schenectady-Troy .....	4.0	4.8	3.1	3.9	3.1	2.7	1.3	1.5	.9	.3
Binghamton .....	3.2	4.5	2.7	3.5	2.9	2.5	1.7	1.7	.4	(3)
Buffalo .....	3.9	4.5	2.3	3.6	7.1	3.6	1.1	1.2	5.4	1.8
Elmira .....	3.2	5.8	2.9	5.3	2.3	3.1	1.5	2.1	.2	.2

See footnotes at end of table.

NOTE: Data for the current month are preliminary.



**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

**Table D-5: Labor turnover rates in manufacturing for selected States and areas--Continued**

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966
<b>NEW YORK (continued)</b>										
Nassau and Suffolk Counties <sup>10</sup>	5.0	6.1	4.3	5.3	4.0	4.0	2.4	2.3	0.9	1.0
New York SMSA	5.7	5.8	3.9	4.1	5.9	5.0	1.9	1.8	3.0	2.4
New York City <sup>10</sup>	6.1	5.9	4.0	4.0	6.4	5.4	1.8	1.6	3.5	2.9
Rochester	5.5	6.5	4.6	5.7	3.4	3.0	1.8	1.8	1.0	.5
Syracuse	4.8	6.4	3.6	5.0	2.9	3.0	2.0	2.0	.3	.3
Utica-Rome	3.4	5.3	2.9	4.3	2.5	3.0	1.6	1.6	.3	.8
Westchester County <sup>10</sup>	4.1	6.1	2.9	4.4	6.7	4.6	1.9	1.7	4.0	2.0
<b>NORTH CAROLINA</b>										
Charlotte	5.3	6.6	4.4	5.7	5.0	4.4	3.9	3.4	.3	.3
Greensboro-High Point	6.0	6.5	5.6	6.0	5.6	5.0	4.5	3.9	.2	.4
	5.0	7.2	4.6	6.2	5.0	4.7	3.9	3.6	.3	.2
<b>NORTH DAKOTA</b>										
Fargo-Moorhead	4.1	6.5	3.8	5.3	3.7	3.7	2.8	2.5	.5	.8
	4.1	6.8	3.6	4.8	4.3	2.3	3.3	1.8	.6	(3)
<b>OHIO</b>										
Akron	3.4	5.6	2.6	4.6	4.0	3.5	1.6	1.7	1.6	.9
Canton	2.5	4.5	2.0	3.6	2.9	2.5	1.0	1.3	1.3	.3
Cincinnati	3.3	5.7	2.7	5.1	3.1	3.0	1.7	1.8	.3	.3
Cleveland	4.0	5.3	3.4	4.4	3.6	4.5	1.9	1.9	.7	1.6
Columbus	3.3	5.6	2.6	4.8	5.1	3.4	1.7	1.8	2.6	.7
Dayton	4.6	4.2	3.3	3.4	4.0	3.8	2.2	1.6	1.0	1.2
Toledo	3.2	4.4	2.5	3.6	2.7	2.9	1.5	1.5	.4	.6
Youngstown-Warren	3.2	6.1	2.5	4.9	3.3	4.2	1.5	2.0	.9	1.3
	2.4	6.2	1.9	4.5	2.4	3.2	1.0	1.2	.6	1.3
<b>OKLAHOMA *</b>										
Oklahoma City	-	-	-	-	-	-	-	-	-	-
Tulsa <sup>11</sup>	5.6	5.9	4.7	5.0	5.5	5.8	3.4	3.4	1.1	1.7
	4.2	6.9	4.0	6.8	4.3	3.7	2.9	2.6	.5	.1
<b>OREGON <sup>1</sup></b>										
Portland <sup>1</sup>	5.2	9.9	4.8	9.1	5.7	6.2	3.3	4.1	1.4	.9
	5.0	8.9	4.5	7.8	5.5	5.3	2.7	3.1	1.9	1.1
<b>PENNSYLVANIA *</b>										
Allentown-Bethlehem-Easton	-	-	-	-	-	-	-	-	-	-
Altoona	3.7	5.2	2.3	4.5	5.1	2.7	1.7	1.7	2.6	.4
Erie	5.6	6.7	4.3	6.0	5.6	4.8	3.0	3.2	2.1	.8
Harrisburg	3.0	6.0	2.3	4.9	2.9	2.8	1.4	1.7	.6	.3
Johnstown	4.5	5.8	2.8	4.6	2.8	2.8	1.7	1.8	.4	.5
Lancaster	3.5	4.8	2.8	4.4	3.2	2.0	1.5	1.2	.8	.4
Philadelphia	3.1	6.5	2.8	6.0	3.1	3.7	2.3	2.5	.2	.4
Pittsburgh	3.6	5.3	2.8	4.5	3.6	3.3	1.6	1.7	1.3	.8
Reading	2.4	4.0	1.6	3.1	2.5	1.9	.8	.7	.8	.6
Scranton	3.7	5.9	2.7	5.0	6.1	4.1	2.2	2.2	3.1	1.2
Wilkes-Barre-Hazleton	5.6	5.9	3.5	4.7	5.3	3.3	2.3	1.9	2.3	.6
York	4.8	5.5	2.7	4.4	5.8	3.5	2.2	2.0	2.9	1.0
	6.3	7.6	4.1	6.6	6.3	4.3	3.6	3.2	2.2	.6
<b>RHODE ISLAND</b>										
Providence-Pawtucket-Warwick	9.2	7.8	4.3	6.6	9.4	5.3	3.3	3.8	5.2	.7
	9.7	7.9	4.5	6.7	9.8	5.2	3.2	3.6	5.7	.7
<b>SOUTH CAROLINA *</b>										
Charleston	-	-	-	-	-	-	-	-	-	-
Greenville	5.9	7.4	5.3	6.9	5.6	5.5	4.6	4.4	.3	.2
<b>SOUTH DAKOTA</b>										
Sioux Falls	3.8	7.8	2.6	6.0	4.6	5.7	2.8	3.4	1.4	1.6
	5.3	10.3	2.8	7.4	6.0	6.0	2.3	3.1	3.4	2.6
<b>TENNESSEE *</b>										
Chattanooga *	-	-	-	-	-	-	-	-	-	-
Knoxville *	-	-	-	-	-	-	-	-	-	-
Memphis	7.8	7.4	7.1	6.7	6.6	5.3	4.1	3.1	1.3	1.0
Nashville *	-	-	-	-	-	-	-	-	-	-
<b>TEXAS <sup>12</sup></b>										
Dallas <sup>12</sup>	4.5	6.1	3.9	5.4	4.5	4.1	2.7	2.8	1.0	.5
Fort Worth <sup>12</sup>	5.1	6.7	4.5	6.1	4.5	4.3	3.2	3.1	.3	.3
Houston <sup>12</sup>	5.4	6.8	4.6	5.8	8.7	4.7	2.9	3.0	4.9	1.0
San Antonio <sup>12</sup>	3.7	5.4	3.3	5.0	3.2	3.4	2.2	2.4	.2	.3
	3.7	5.8	3.5	5.1	3.3	3.6	2.5	3.0	.2	.1

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

Table D-5: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966	July 1966	June 1966
UTAH <sup>6</sup>	5.5	7.1	4.0	5.2	4.0	4.9	2.2	2.6	1.1	1.7
Salt Lake City <sup>6</sup>	4.2	6.1	3.3	5.4	3.6	4.2	2.0	2.6	.9	1.0
VERMONT	3.3	4.6	2.5	4.2	2.9	3.2	2.2	2.2	.2	.4
Burlington	3.0	4.9	2.0	4.4	2.5	2.6	1.7	1.8	.2	.2
Springfield	2.4	3.5	2.0	3.2	1.8	2.1	1.3	1.5	(3)	.3
VIRGINIA	4.7	6.0	3.7	4.9	4.1	3.8	2.6	2.6	.8	.5
Norfolk-Portsmouth *	-	-	-	-	-	-	-	-	-	-
Richmond	5.1	5.0	3.3	4.3	4.1	3.7	2.2	2.1	.9	.8
Roanoke *	-	-	-	-	-	-	-	-	-	-
WASHINGTON *	-	-	-	-	-	-	-	-	-	-
Seattle-Everett <sup>13</sup>	6.7	11.3	5.3	9.7	5.0	5.4	3.4	3.9	.6	.6
Spokane *	-	-	-	-	-	-	-	-	-	-
Tacoma *	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA	(2)	4.3	(2)	3.5	(2)	2.7	(2)	1.2	(2)	.8
Charleston	2.1	5.2	1.3	4.8	2.7	1.6	.7	.8	1.7	.5
Huntington-Ashland *	-	-	-	-	-	-	-	-	-	-
Wheeling *	-	-	-	-	-	-	-	-	-	-
WISCONSIN	5.2	7.9	4.1	6.8	5.7	4.4	2.2	2.3	2.7	1.4
Green Bay	3.1	6.9	2.6	6.2	2.6	1.6	1.6	1.2	.6	.1
Kenosha	2.3	4.2	1.7	1.8	63.1	5.0	1.4	.9	60.8	3.7
La Crosse	8.2	8.9	3.4	7.5	8.7	3.9	1.9	1.6	5.0	1.4
Madison	4.3	7.5	3.6	6.8	3.0	3.4	2.0	2.4	.2	.2
Milwaukee	3.9	6.8	2.7	6.0	3.5	5.5	1.9	2.1	.8	2.4
Racine	3.6	6.1	2.4	5.4	3.6	4.5	1.9	2.3	.6	1.1
WYOMING <sup>6</sup>	5.8	9.0	5.2	8.5	5.5	7.2	3.4	2.9	1.4	3.4

\* Labor turnover data discontinued owing to reduction in resources available for program.

<sup>1</sup> Excludes canning and preserving.

<sup>2</sup> Not available.

<sup>3</sup> Less than 0.05.

<sup>4</sup> Excludes agricultural chemicals and miscellaneous manufacturing.

<sup>5</sup> Excludes canned fruit, vegetables, preserves, jams, and jellies.

<sup>6</sup> Excludes canning and preserving, and sugar.

<sup>7</sup> Excludes canning and preserving, and newspapers.

<sup>8</sup> Excludes printing and publishing.

<sup>9</sup> July rates exclude aircraft and parts.

<sup>10</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>11</sup> Excludes new-hire rate for transportation equipment.

<sup>12</sup> Excludes canning and preserving, sugar, and tobacco.

<sup>13</sup> Excludes canning and preserving, printing and publishing.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

# UNEMPLOYMENT INSURANCE DATA

**Table E-1: Insured unemployment under State programs**

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Sept. 1966	Aug. 1966	Sept. 1965	change from <sup>1</sup>		Sept. 1966	Aug. 1966	Sept. 1965
				Aug. 1966	Sept. 1965			
<b>TOTAL</b> <sup>2</sup> .....	7 55.7	9 78.3	9 61.7	-2 22.6	-2 06.0	1.6	2.1	2.1
<b>SEASONALLY ADJUSTED</b> .....	9 99.1	1 150.3	1 265.8	-1 51.3	-2 66.8	2.2	2.5	2.9
Alabama .....	1 0.2	1 1.0	1 2.1	-.8	-1.9	1.7	1.8	2.1
Alaska .....	1.2	1.2	1.3	--	--	3.0	2.9	3.5
Arizona .....	5.3	5.8	7.9	-.5	-2.5	1.9	2.1	2.8
Arkansas .....	6.3	7.1	6.8	-.9	-.5	1.8	2.1	2.1
California* .....	1 43.2	1 57.3	1 77.8	-1 4.1	-3 4.6	3.2	3.5	4.1
Colorado .....	2.4	3.2	2.9	-.8	-.5	.6	.8	.7
Connecticut .....	9.1	1 5.5	1 4.1	-6.3	-5.0	1.1	1.8	1.7
Delaware .....	1.3	5.6	2.9	-4.3	-1.5	.9	3.8	2.1
District of Columbia .....	2.8	3.4	3.6	-.7	-.9	.9	1.1	1.2
Florida .....	2 2.0	2 8.3	2 5.4	-6.3	-3.5	2.0	2.5	2.4
Georgia .....	1 1.3	1 6.0	1 4.9	-4.7	-3.6	1.2	1.8	1.7
Hawaii .....	4.0	4.0	3.8	--	.2	2.1	2.1	2.1
Idaho .....	2.0	3.3	1.7	-1.2	.4	1.5	2.4	1.3
Illinois .....	2 2.2	3 1.3	3 4.5	-9.1	-1 2.3	.8	1.1	1.3
Indiana .....	8.3	1 2.2	1 1.9	-3.8	-3.6	.7	1.0	1.0
Iowa .....	1.9	3.7	3.4	-1.8	-1.5	.4	.7	.7
Kansas .....	3.0	6.1	5.1	-3.1	-2.0	.8	1.6	1.4
Kentucky .....	6.9	8.6	1 0.7	-1.7	-3.8	1.3	1.7	2.2
Louisiana .....	8.8	1 0.6	1 3.4	-1.8	-4.6	1.4	1.7	2.3
Maine .....	3.5	3.7	4.7	-.2	-1.2	1.7	1.8	2.4
Maryland .....	7.0	1 1.7	1 1.8	-4.6	-4.8	.9	1.5	1.6
Massachusetts .....	3 8.2	4 0.0	4 3.7	-1.8	-5.5	2.4	2.5	2.9
Michigan .....	2 6.4	9 9.7	3 1.5	-7 3.3	-5.2	1.3	4.8	1.7
Minnesota .....	4.4	6.3	8.2	-1.9	-3.8	.6	.8	1.1
Mississippi .....	3.5	4.2	3.9	-.6	-.4	1.1	1.3	1.3
Missouri .....	1 4.2	2 7.8	1 8.5	-1 3.7	-4.3	1.3	2.6	1.8
Montana .....	1.2	1.4	1.6	.2	-.5	1.0	1.2	1.4
Nebraska .....	1.6	1.9	3.0	-.3	-1.5	.6	.7	1.2
Nevada .....	4.3	4.1	4.9	.2	-.5	3.5	3.3	4.0
New Hampshire .....	.9	1.2	2.1	-.2	-1.2	.6	.7	1.3
New Jersey .....	3 6.2	4 9.1	4 5.2	-1 2.9	-9.1	2.1	2.9	2.8
New Mexico .....	2.8	2.9	3.3	-.1	-.5	1.6	1.7	1.9
New York .....	1 22.9	1 37.7	1 38.7	-1 4.9	-1 5.9	2.3	2.6	2.7
North Carolina .....	1 0.6	1 3.8	1 4.1	-3.2	-3.5	1.0	1.3	1.4
North Dakota .....	.5	.6	.4	-.2	--	.6	.8	.6
Ohio .....	1 7.7	2 7.9	2 6.0	-1 0.2	-8.3	.7	1.1	1.1
Oklahoma .....	7.6	8.4	9.8	-.8	-2.2	1.8	2.0	2.5
Oregon .....	8.3	8.0	7.9	.2	.4	1.8	1.7	1.8
Pennsylvania .....	4 2.1	4 7.5	5 6.4	-5.4	-1 4.3	1.4	1.5	1.9
Puerto Rico* <sup>2</sup> .....	5 1.6	4 2.6	6 2.7	9.0	-1 1.1	6.3	6.2	6.7
Rhode Island .....	4.8	6.3	5.8	-1.5	-1.0	1.9	2.5	2.4
South Carolina .....	7.4	8.2	7.9	-.8	-.6	1.4	1.6	1.7
South Dakota .....	.4	.5	.6	-.1	-.2	.5	.7	.7
Tennessee .....	1 0.8	1 1.5	1 3.8	-.7	-3.0	1.4	1.5	1.9
Texas .....	1 8.0	2 3.0	2 8.1	-5.0	-1 0.1	.9	1.1	1.4
Utah .....	3.3	3.9	4.8	-.6	-1.5	1.7	1.9	2.4
Vermont .....	1.2	1.3	1.5	-.1	-.3	1.4	1.5	1.9
Virginia .....	3.4	5.8	5.1	-2.4	-1.7	.4	.7	.6
Washington .....	1 5.0	1 7.1	2 2.7	-2.1	-7.8	2.3	2.6	3.6
West Virginia .....	6.5	8.0	7.3	-1.4	-.7	1.9	2.4	2.2
Wisconsin .....	6.6	1 7.4	1 0.6	-1 0.8	-4.0	.6	1.7	1.1
Wyoming .....	.4	.6	.7	-.1	-.2	.7	.9	1.0

<sup>1</sup>Based on unrounded data; changes of less than 50 not shown.

<sup>2</sup>Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.

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

# UNEMPLOYMENT INSURANCE DATA

Table E-2: Insured unemployment<sup>1</sup> in 150 major labor areas<sup>2</sup>

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

State and area	Sept. 1966	Aug. 1966	State and area	Sept. 1966	Aug. 1966	State and area	Sept. 1966	Aug. 1966	State and area	Sept. 1966	Aug. 1966
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--</b>		
Birmingham.....	2.4	2.5	Evansville.....	.5	.7	Manchester.....	2	3	continued		
Mobile.....	1.5	1.3	Ft. Wayne.....	1.0	.8				York.....		1.
			Gary-Hammond..	.9	1.1	<b>NEW JERSEY</b>					
<b>ARIZONA</b>			Indianapolis.....	1.5	2.3	Atlantic City....	.8	.8	<b>PUERTO RICO*</b>		
Phoenix.....	3.3	3.5	South Bend.....	.5	.8	Jersey City.....	4.9	6.2	Mayaguez.....	1.0	.9
			Terre Haute.....	.4	.5	Newark.....	11.4	16.0	Ponce.....	1.3	1.3
						New Brunswick..	3.3	5.9	San Juan.....	3.5	3.7
<b>ARKANSAS</b>			<b>IOWA</b>			Paterson.....	8.1	10.4			
Little Rock.....	.4	.4	Cedar Rapids....	.1	.1	Trenton.....	1.1	1.4			
			Des Moines.....	.3	.3				<b>RHODE ISLAND</b>		
						<b>NEW MEXICO</b>			Providence.....	5.1	6.9
			<b>KANSAS</b>			Albuquerque....	1.1	1.1			
			Wichita.....	.8	.8						
<b>CALIFORNIA*</b>			<b>KENTUCKY</b>			<b>NEW YORK</b>			<b>SOUTH CAROLINA</b>		
Fresno.....	3.0	3.3	Louisville.....	1.6	2.4	Albany.....	2.0	2.3	Charleston.....	6	.7
Los Angeles.....	62.6	68.9				Binghamton.....	.5	.6	Greenville.....	.8	.1
Sacramento.....	4.4	4.8	<b>LOUISIANA</b>			Buffalo.....	4.9	9.7			
San Bernardino..	10.1	10.5	Baton Rouge....	.5	.5	New York.....	106.0	112.8			
San Diego.....	8.8	8.4	New Orleans.....	3.1	3.3	Rochester.....	2.0	2.8			
San Francisco..	24.3	28.1	Shreveport.....	.6	.8	Syracuse.....	1.1	2.0	<b>TENNESSEE</b>		
San Jose.....	5.0	6.6				Utica.....	1.2	2.3	Chatanooga....	.6	.9
Stockton.....	1.2	1.7	<b>MAINE</b>			<b>NORTH CAROLINA</b>			Knoxville.....	.7	1.0
			Portland.....	.6	.5	Asheville.....	.4	.4	Memphis.....	1.8	2.0
<b>COLORADO</b>			<b>MARYLAND</b>			Charlotte.....	.7	.8	Nashville.....	1.3	1.6
Denver.....	1.4	2.0	Baltimore.....	4.8	8.4	Durham.....	.3	.7			
						Greensboro....	.6	.6	<b>TEXAS</b>		
<b>CONNECTICUT</b>			<b>MASSACHUSETTS</b>			Winston-Salem..	.5	.8	Austin.....	.4	.4
Bridgeport.....	1.5	2.3	Boston.....	17.6	19.1				Beaumont.....	.8	.9
Hartford.....	1.3	2.9	Brockton.....	1.1	1.1	<b>OHIO</b>			Corpus Christi..	.5	.5
New Britain.....	.4	1.2	Fall River.....	2.5	1.8	Akron.....	.8	1.0	Dallas.....	2.3	5.0
New Haven.....	1.3	2.7	Lawrence.....	2.8	2.7	Canton.....	.6	.7	El Paso.....	1.0	1.0
Stamford.....	.5	.7	Lowell.....	1.6	1.6	Cincinnati.....	2.8	4.8	Ft. Worth.....	1.0	1.7
Waterbury.....	1.1	1.5	New Bedford....	2.5	1.7	Cleveland.....	3.1	5.1	Houston.....	2.3	2.8
			Springfield....	3.3	3.6	Columbus.....	1.0	1.4	San Antonio.....	1.3	1.3
<b>DELAWARE</b>			Worcester.....	1.9	2.2	Dayton.....	.7	1.2			
Wilmington.....	1.4	6.1	<b>MICHIGAN</b>			Hamilton.....	.4	.8	<b>UTAH</b>		
			Battle Creek....	.3	.8	Lorain.....	.2	2.5	Salt Lake City..	2.0	2
<b>DIST. OF COL.</b>			Detroit.....	16.1	54.0	Steubenville...	.4	.5			
Washington.....	4.1	5.3	Flint.....	1.5	16.4	Toledo.....	3.3	2.0	<b>VIRGINIA</b>		
			Grand Rapids...	1.1	2.3	Youngstown....	.7	2.0	Hampton.....	.3	.4
<b>FLORIDA</b>			Kalamazoo.....	.3	.5	<b>OKLAHOMA</b>			Norfolk.....	.5	1.2
Jacksonville....	.5	.7	Lansing.....	.3	6.9	Oklahoma City..	1.7	1.8	Richmond.....	2	.3
Miami.....	5.4	9.0	Muskegon.....	.4	.7	Tulsa.....	1.2	1.3	Roanoke.....	2	.3
Tampa.....	2.7	3.3	Saginaw.....	.3	1.3						
			<b>MINNESOTA</b>			<b>OREGON</b>			<b>WASHINGTON</b>		
<b>GEORGIA</b>			Duluth.....	.4	.5	Portland.....	3.4	3.4	Seattle.....	4.8	5.2
Atlanta.....	3.1	7.5	Minneapolis.....	1.8	3.3				Spokane.....	1.7	1.6
Augusta.....	.4	.5	<b>MISSISSIPPI</b>			<b>PENNSYLVANIA</b>			Tacoma.....	1.5	1.7
Columbus.....	.4	.4	Jackson.....	.2	.4	Allentown.....	1.9	2.2			
Macon.....	.3	.3	<b>MISSOURI</b>			Altoona.....	.6	.7	<b>WEST VIRGINIA</b>		
Savannah.....	.5	.5	Kansas City....	3.2	9.9	Erie.....	.4	.7	Charleston.....	.7	.9
			St. Louis.....	7.5	16.7	Harrisburg.....	1.2	1.0	Huntington.....	.8	1.0
<b>HAWAII</b>			<b>NEBRASKA</b>			Johnstown.....	1.1	1.4	Wheeling.....	.6	.9
Honolulu.....	3.1	3.0	Omaha.....	1.2	1.1	Lancaster.....	.3	.4			
						Philadelphia...	16.7	20.5	<b>WISCONSIN</b>		
<b>ILLINOIS</b>						Pittsburgh.....	7.3	9.3	Kenosha.....	.3	3.6
Chicago.....	13.4	19.3				Reading.....	1.0	1.4	Madison.....	2	.3
Davenport.....	.4	.7				Scranton.....	2.2	2.0	Milwaukee.....	2.1	3.1
Peoria.....	.5	1.0				Wilkes-Barre..	3.9	3.4	Racine.....	.4	1.5
Rockford.....	.2	.4									

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

<sup>2</sup>For full name of labor area, see Area Trends in Employment and Unemployment published by the Bureau of Employment Security.

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

# QUARTERLY AVERAGE TABLES

## 3rd Quarter 1966

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# HOUSEHOLD DATA QUARTERLY AVERAGES

**Table 1: Employment status of the noninstitutional population 14 years and over, by sex and color**

3rd Quarter Averages  
(In thousands)

Employment status	Total			Male			Female		
	1966	1965	1964	1966	1965	1964	1966	1965	1964
<b>Total</b> . . . . .	138,644	136,465	134,401	67,120	66,141	65,181	71,524	70,325	69,219
<b>Total labor force</b> . . . . .	81,764	79,785	78,111	53,651	52,926	52,241	28,113	26,861	25,869
Civilian labor force . . . . .	78,583	77,082	75,366	50,504	50,253	49,527	28,079	26,830	25,839
Employed . . . . .	75,677	73,837	71,771	49,011	48,461	47,504	26,666	25,377	24,268
Agriculture . . . . .	4,697	5,180	5,483	3,695	4,080	4,341	1,002	1,099	1,143
Nonagricultural industries . . . . .	70,980	68,658	66,288	45,316	44,380	43,163	25,664	24,277	23,125
Unemployed . . . . .	2,906	3,245	3,594	1,493	1,792	2,023	1,413	1,453	1,571
Unemployment rate . . . . .	3.7	4.2	4.8	3.0	3.6	4.1	5.0	5.4	6.1
Not in the labor force . . . . .	56,880	56,679	56,290	13,469	13,215	12,940	43,411	43,464	43,350
<b>WHITE</b>									
<b>Total labor force</b> . . . . .	72,573	70,836	69,386	48,216	47,617	47,037	24,357	23,220	22,349
Civilian labor force . . . . .	69,662	68,366	66,867	45,336	45,175	44,546	24,326	23,192	22,321
Employed . . . . .	67,465	65,832	64,106	44,184	43,761	42,959	23,281	22,071	21,147
Agriculture . . . . .	4,036	4,307	4,639	3,248	3,489	3,781	787	818	858
Nonagricultural industries . . . . .	63,429	61,524	59,467	40,935	40,272	39,178	22,494	21,253	20,289
Unemployed . . . . .	2,197	2,534	2,761	1,152	1,414	1,587	1,045	1,121	1,174
Unemployment rate . . . . .	3.2	3.7	4.1	2.5	3.1	3.6	4.3	4.8	5.3
Not in the labor force . . . . .	51,297	51,176	50,878	11,939	11,701	11,468	39,358	39,475	39,410
<b>NONWHITE</b>									
<b>Total labor force</b> . . . . .	9,192	8,949	8,724	5,435	5,309	5,204	3,756	3,641	3,520
Civilian labor force . . . . .	8,922	8,716	8,498	5,168	5,078	4,981	3,753	3,638	3,518
Employed . . . . .	8,212	8,006	7,665	4,827	4,700	4,544	3,385	3,306	3,121
Agriculture . . . . .	661	873	844	446	591	560	215	281	284
Nonagricultural industries . . . . .	7,551	7,133	6,821	4,381	4,109	3,985	3,170	3,024	2,836
Unemployed . . . . .	709	711	833	341	378	436	368	332	397
Unemployment rate . . . . .	7.9	8.2	9.8	6.6	7.4	8.8	9.8	9.1	11.3
Not in the labor force . . . . .	5,583	5,503	5,412	1,530	1,514	1,471	4,053	3,989	3,940

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

3rd Quarter Averages  
(In thousands)

Full- and part-time employment status	Total			Men, 20 years and over			Women, 20 years and over			Teenagers, 14-19 years		
	1966	1965	1964	1966	1965	1964	1966	1965	1964	1966	1965	1964
<b>FULL TIME</b>												
<b>Civilian labor force</b> . . . . .	69,400	68,294	66,983	43,533	43,616	43,375	19,681	19,049	18,507	6,186	5,629	5,101
Employed:												
Full-time schedules <sup>1</sup> . . . . .	64,906	63,193	61,379	41,840	41,562	40,933	18,243	17,396	16,674	4,822	4,237	3,771
Part time for economic reasons . . . . .	2,218	2,454	2,660	791	913	1,072	695	786	877	732	753	710
Unemployed, looking for full-time work . . . . .	2,276	2,647	2,944	902	1,141	1,370	743	867	956	632	639	620
Unemployment rate . . . . .	3.3	3.9	4.4	2.1	2.6	3.2	3.8	4.6	5.2	10.2	11.4	12.2
<b>PART TIME</b>												
<b>Civilian labor force</b> . . . . .	9,183	8,789	8,383	1,539	1,491	1,538	4,475	4,376	4,216	3,170	2,923	2,628
Employed (voluntary part time) <sup>1</sup> . . . . .	8,552	8,190	7,732	1,460	1,417	1,446	4,277	4,201	4,010	2,817	2,574	2,276
Unemployed, looking for part-time work . . . . .	631	599	651	79	74	92	198	175	206	353	349	352
Unemployment rate . . . . .	6.9	6.8	7.8	5.1	5.0	6.0	4.4	4.0	4.9	11.1	11.9	13.4

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

## HOUSEHOLD DATA QUARTERLY AVERAGES

**Table 3: Unemployed persons, by age and sex**  
3rd Quarter Averages

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	1966	1965	1964	1966	1965	1964	1966	1965	1964
Total ..	2,906	3,245	3,594	3.7	4.2	4.8	100.0	100.0	100.0
Male .....	1,493	1,792	2,023	3.0	3.6	4.1	51.4	55.2	56.3
14 to 19 years .....	513	577	561	9.4	11.2	12.2	17.7	17.8	15.6
14 and 15 years .....	77	79	78	7.6	7.7	8.4	2.6	2.4	2.2
16 to 19 years .....	437	498	482	9.9	12.1	13.1	15.0	15.3	13.4
20 years and over .....	980	1,215	1,464	2.2	2.7	3.3	33.7	37.4	40.7
20 to 24 years .....	186	264	359	3.7	5.2	7.2	6.4	8.1	10.0
25 years and over .....	794	951	1,105	2.0	2.4	2.7	27.3	29.3	30.7
25 to 34 years .....	215	265	268	2.2	2.7	2.7	7.4	8.2	7.5
35 to 44 years .....	181	209	256	1.7	1.9	2.3	6.2	6.4	7.1
45 to 54 years .....	176	212	271	1.7	2.1	2.7	6.1	6.5	7.5
55 to 64 years .....	153	198	230	2.2	2.9	3.4	5.3	6.1	6.4
65 years and over .....	69	67	80	3.2	3.1	3.7	2.4	2.1	2.2
Female .....	1,413	1,453	1,571	5.0	5.4	6.1	48.6	44.8	43.7
14 to 19 years .....	471	410	409	12.0	12.0	13.1	16.2	12.6	11.4
14 and 15 years .....	38	21	21	6.5	4.0	4.3	1.3	.6	.6
16 to 19 years .....	433	389	388	13.0	13.5	14.7	14.9	12.0	10.8
20 years and over .....	941	1,043	1,162	3.9	4.5	5.1	32.4	32.1	32.3
20 to 24 years .....	238	249	272	6.6	7.3	8.4	8.2	7.7	7.6
25 years and over .....	703	794	890	3.4	4.0	4.6	24.2	24.5	24.8
25 to 34 years .....	216	226	267	4.9	5.4	6.6	7.4	7.0	7.4
35 to 44 years .....	220	268	264	3.9	4.7	4.8	7.6	8.3	7.3
45 to 54 years .....	163	189	220	2.8	3.3	3.9	5.6	5.8	6.1
55 to 64 years .....	81	88	111	2.2	2.5	3.3	2.8	2.7	3.1
65 years and over .....	24	23	28	2.6	2.4	3.0	.8	.7	.8

**Table 4: Unemployed persons, by industry of last job**  
3rd Quarter Averages

Industry	Unemployment rate			Percent distribution		
	1966	1965	1964	1966	1965	1964
Total .....	3.7	4.2	4.8	100.0	100.0	100.0
Experienced wage and salary workers .....	3.3	3.8	4.4	78.0	76.7	79.5
Agriculture .....	4.1	4.9	6.3	2.5	2.9	3.7
Nonagricultural industries .....	3.3	3.7	4.4	75.5	73.8	75.8
Mining, forestry, fisheries .....	3.1	4.6	7.1	.7	.9	1.3
Construction .....	4.6	6.1	6.6	7.0	8.5	8.0
Manufacturing .....	3.0	3.5	4.5	21.9	21.4	24.3
Durable goods .....	2.8	3.1	4.4	11.6	10.8	13.2
Primary metal industries .....	1.7	1.5	2.7	.8	.6	1.0
Fabricated metal products .....	2.9	2.1	4.4	1.6	1.0	1.8
Machinery .....	1.9	2.2	3.0	1.4	1.3	1.5
Electrical equipment .....	2.2	3.3	4.6	1.5	1.8	2.1
Transportation equipment .....	4.2	3.8	5.1	3.1	2.5	2.8
Motor vehicles and equipment .....	5.8	4.7	5.1	2.0	1.5	1.3
All other transportation equipment .....	2.7	3.0	5.1	1.1	1.0	1.5
Other durable goods industries .....	3.4	4.5	5.6	3.2	3.7	4.0
Nondurable goods .....	3.4	4.0	4.7	10.3	10.5	11.1
Food and kindred products .....	3.8	5.1	5.6	2.8	3.1	3.1
Textile mill products .....	3.4	4.0	6.0	1.2	1.3	1.8
Apparel and other finished textile products .....	5.2	5.8	6.6	2.6	2.4	2.6
Other nondurable goods industries .....	2.6	2.9	3.1	3.8	3.8	3.5
Transportation and public utilities .....	2.0	2.3	3.1	3.3	3.3	4.0
Railroads and railway express .....	1.6	2.5	3.4	.4	.6	.8
Other transportation .....	2.8	3.2	3.9	1.8	1.8	1.9
Communication and other public utilities .....	1.5	1.5	2.3	1.1	.9	1.3
Wholesale and retail trade .....	4.3	4.5	4.9	18.1	16.8	15.9
Finance, insurance, and real estate .....	2.2	2.3	2.5	2.3	2.2	2.1
Service industries .....	3.6	3.9	4.4	19.7	18.5	18.3
Professional services .....	2.8	2.9	3.1	8.8	7.5	6.7
All other service industries .....	4.5	5.1	6.1	10.8	11.0	11.5
Public administration .....	1.8	1.9	1.9	2.6	2.3	2.0
Self-employed and unpaid family workers .....	.6	.8	.6	1.9	2.6	1.9
No previous work experience .....	-	-	-	20.1	20.7	18.7
14 to 19 years .....	-	-	-	17.0	17.1	14.9
20 years and over .....	-	-	-	3.1	3.6	3.8

# HOUSEHOLD DATA QUARTERLY AVERAGES

**Table 5: Unemployed persons, by occupation of last job**  
3rd Quarter Averages

Occupation	Unemployment rate			Percent distribution		
	1966	1965	1964	1966	1965	1964
Total	3.7	4.2	4.8	100.0	100.0	100.0
White-collar workers	2.1	2.2	2.5	24.8	22.1	21.6
Professional and technical	1.7	1.6	2.1	5.5	4.2	4.8
Managers, officials, and proprietors	1.0	1.1	1.4	2.5	2.4	2.9
Clerical workers	3.0	3.1	3.3	12.7	11.0	10.3
Sales workers	2.5	3.0	2.9	4.1	4.5	3.7
Blue-collar workers	3.7	4.4	5.3	37.4	38.8	41.0
Craftsmen and foremen	2.0	2.7	3.1	7.1	8.2	8.3
Operatives	4.2	5.0	5.9	21.3	22.0	22.9
Nonfarm laborers	5.9	6.2	8.2	9.0	8.6	9.8
Service workers	4.4	5.0	5.6	15.5	15.5	15.5
Private household workers	4.3	4.6	5.2	3.4	3.3	3.4
Other service workers	4.5	5.1	5.8	12.1	12.2	12.0
Farm workers	1.4	1.9	2.2	2.1	2.9	3.2
Farmers and farm managers	.2	.3	.3	.1	.2	.2
Farm laborers and foremen	2.5	3.3	3.8	2.0	2.6	3.0
No previous work experience	-	-	-	20.1	20.7	18.7

**Table 6: Unemployed persons, by marital status and household relationship**  
3rd Quarter Averages

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	1966	1965	1964	1966	1965	1964	1966	1965	1964
<b>MARITAL STATUS</b>									
Total	2,906	3,245	3,594	3.7	4.2	4.8	100.0	100.0	100.0
Male	1,493	1,792	2,023	3.0	3.6	4.1	51.4	55.2	56.3
Married, wife present	616	740	847	1.6	2.0	2.3	21.2	22.8	23.6
Single	742	885	954	7.3	8.8	9.8	25.5	27.3	26.5
14 to 19 years	502	560	544	9.7	11.4	12.4	17.3	17.3	15.1
20 years and over	240	325	410	4.8	6.3	7.7	8.3	10.0	11.4
Other marital status	136	167	222	5.0	6.1	8.7	4.7	5.1	6.2
Female	1,413	1,453	1,571	5.0	5.4	6.1	48.6	44.8	43.7
Married, husband present	589	644	691	3.8	4.4	4.9	20.3	19.8	19.2
Single	561	520	550	7.7	7.7	8.4	19.3	16.0	15.3
14 to 19 years	410	349	360	11.8	11.5	12.9	14.1	10.8	10.0
20 years and over	151	171	190	4.0	4.6	5.1	5.2	5.3	5.3
Other marital status	263	289	330	4.8	5.3	6.2	9.0	8.9	9.2
<b>HOUSEHOLD RELATIONSHIP</b>									
Total	2,906	3,245	3,594	3.7	4.2	4.8	100.0	100.0	100.0
Household head	954	1,095	1,260	2.1	2.4	2.8	32.8	33.7	35.1
Living with relatives	746	880	1,004	1.8	2.2	2.5	25.7	27.1	27.9
Not living with relatives	208	215	256	3.8	4.0	4.9	7.2	6.6	7.1
Wife of head	569	614	664	3.8	4.3	4.9	19.6	18.9	18.5
Other relative of head	1,323	1,479	1,587	8.3	9.4	10.5	45.5	45.6	44.2
Non-relative of head	60	58	83	4.5	4.3	6.1	2.1	1.8	2.3

**Table 7: Employment status of persons 16-21 years of age in the noninstitutional population, by color**  
3rd Quarter Averages, in thousands

Employment status	Total			White			Nonwhite		
	1966	1965	1964	1966	1965	1964	1966	1965	1964
<b>IN SCHOOL</b>									
Civilian labor force	1,031	981	730	927	887	663	104	94	69
Employed	923	859	622	843	792	576	80	66	46
Unemployed	108	122	108	84	95	87	24	28	23
Unemployment rate	10.5	12.4	14.8	9.1	10.7	13.1	23.1	(1)	(1)
Not in the labor force	2,857	2,870	2,318	2,498	2,508	2,034	358	362	285
<b>NOT IN SCHOOL</b>									
Civilian labor force	9,856	9,135	9,171	8,620	8,069	8,097	1,233	1,067	1,072
Employed	8,899	8,363	8,079	7,927	7,463	7,269	969	902	808
Unemployed	957	772	1,092	693	606	828	264	165	264
Unemployment rate	9.7	8.5	11.9	8.0	7.5	10.2	21.4	15.5	24.6
Not in the labor force	4,709	4,819	5,206	4,059	4,150	4,499	651	669	706

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



## HOUSEHOLD DATA QUARTERLY AVERAGES

**Table 8: Unemployed persons, by duration of unemployment**

3rd Quarter Averages

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	1966	1965	1964	1966	1965	1964		1966	1965	1964	1966	1965	1964
<b>Total</b> .....	2,906	3,245	3,594	100.0	100.0	100.0	<b>Total</b> .....	2,906	3,245	3,594	100.0	100.0	100.0
Less than 5 weeks .....	1,629	1,700	1,687	56.1	52.4	46.9	Persons on temporary layoff .....	107	119	118	3.7	3.7	3.3
5 to 14 weeks .....	885	943	1,104	30.5	29.0	30.7							
5 and 6 weeks .....	302	279	313	10.4	8.6	8.7							
7 to 10 weeks .....	377	420	510	13.0	12.9	14.2							
11 to 14 weeks .....	206	243	281	7.1	7.5	7.8							
15 weeks and over .....	392	603	803	13.5	18.6	22.4	Persons scheduled to begin new jobs within 30 days	184	172	175	6.3	5.3	4.9
15 to 26 weeks .....	191	280	324	6.6	8.6	9.0							
27 weeks and over .....	200	322	480	6.9	9.9	13.4	All other unemployed ...	2,615	2,954	3,301	90.0	91.0	91.8
Average (mean) duration ...	9.3	11.3	13.0	-	-	-							

**Table 9: Long-term unemployed, by industry and occupation of last job**

3rd Quarter Averages

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	1966	1965	1966	1965	1966	1965	1966	1965	
<b>INDUSTRY</b>									
<b>Total</b> .....	13.5	18.6	100.0	100.0	6.9	9.9	100.0	100.0	100.0
Experienced wage and salary workers .....	14.8	20.5	85.7	84.6	7.6	10.8	85.9	83.5	86.7
Agriculture .....	(1)	(1)	1.3	2.2	(1)	(1)	1.0	1.9	2.2
Nonagricultural industries .....	15.1	20.7	84.4	82.4	7.7	11.0	84.9	81.7	84.5
Mining, forestry, fisheries .....	(1)	(1)	2.0	1.7	(1)	(1)	2.0	2.2	.8
Construction .....	15.8	20.8	8.2	9.5	10.4	10.2	10.6	8.7	5.6
Manufacturing .....	16.9	21.6	27.3	24.9	8.7	12.3	27.6	26.4	26.6
Durable goods .....	17.3	20.8	14.8	12.1	9.5	12.0	16.1	13.0	15.3
Nondurable goods .....	16.4	22.5	12.5	12.8	7.7	12.6	11.6	13.4	11.3
Transportation and public utilities .....	(1)	23.4	5.4	4.2	(1)	17.8	6.5	5.9	6.1
Wholesale and retail trade .....	13.1	19.8	17.6	17.9	6.8	9.9	18.1	16.8	15.7
Finance, insurance, and real estate, and service industries ...	12.5	20.1	20.4	22.4	4.9	9.5	15.6	19.9	24.4
Public administration .....	(1)	(1)	3.6	1.8	(1)	(1)	4.5	1.9	5.2
Self-employed and unpaid family workers .....	(1)	(1)	4.8	3.3	(1)	(1)	7.0	5.0	12.5
No previous work experience .....	6.3	10.9	9.4	12.1	2.4	5.5	7.0	11.5	.7
<b>OCCUPATION</b>									
<b>Total</b> .....	13.5	18.6	100.0	100.0	6.9	9.9	100.0	100.0	100.0
White-collar workers .....	13.0	18.9	24.0	22.6	6.4	9.0	23.0	20.1	43.4
Professional and technical .....	13.2	16.1	5.4	3.6	4.4	8.0	3.5	3.4	11.7
Managers, officials, and proprietors .....	(1)	(1)	3.8	3.6	(1)	(1)	5.0	3.7	9.7
Clerical workers .....	9.5	18.4	9.0	10.9	4.6	8.7	8.5	9.6	15.8
Sales workers .....	19.2	17.9	5.9	4.3	10.0	7.6	6.0	3.4	6.1
Blue-collar workers .....	17.0	22.0	47.3	45.9	9.4	12.2	51.0	47.5	37.3
Craftsmen and foremen .....	20.8	24.1	11.0	10.6	12.6	15.0	13.0	12.3	13.0
Operatives .....	15.5	21.5	24.6	25.5	7.4	10.9	23.0	24.1	18.6
Nonfarm laborers .....	17.6	21.1	11.8	9.8	11.5	12.9	15.0	11.1	5.6
Service workers .....	14.4	19.7	16.6	16.4	6.9	11.3	15.5	17.6	13.0
Private household workers .....	13.0	21.3	3.3	3.8	3.0	10.2	1.5	3.4	3.0
Other service workers .....	14.8	19.2	13.3	12.6	8.0	11.6	14.0	14.2	10.1
Farm workers .....	(1)	(1)	2.6	3.0	(1)	(1)	3.5	3.4	5.6
Farmers and farm managers .....	(1)	(1)	1.0	.8	(1)	(1)	2.0	1.5	2.7
Farm laborers and foremen .....	(1)	(1)	1.5	2.2	(1)	(1)	1.5	1.9	2.9
No previous work experience .....	6.3	10.9	9.4	12.1	2.4	5.5	7.0	11.5	.7

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

# HOUSEHOLD DATA QUARTERLY AVERAGES

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Table 10: Long-term unemployed, by sex, age, color, and marital status

3rd Quarter Averages

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	1966	1965	1966	1965	1966	1965	1966	1965	
<b>AGE</b>									
Total	13.5	18.6	100.0	100.0	6.9	9.9	100.0	100.0	100.0
Male	16.3	19.4	61.9	57.8	9.4	12.1	70.1	66.8	64.3
14 to 19 years	4.3	8.1	5.6	7.8	1.0	4.3	2.5	7.8	6.9
20 to 24 years	11.3	15.5	5.3	6.8	1.1	7.2	1.0	5.9	6.4
25 to 44 years	16.4	21.3	16.5	16.8	10.6	12.4	20.9	18.3	26.6
45 years and over	34.2	33.4	34.5	26.4	23.1	23.5	45.8	34.8	24.4
Female	10.5	17.5	38.1	42.2	4.2	7.4	29.9	33.2	35.7
14 to 19 years	5.1	11.0	6.1	7.5	2.3	3.7	5.5	4.7	5.0
20 to 24 years	7.1	14.9	4.3	6.1	1.7	5.2	2.0	4.0	4.6
25 to 44 years	14.4	18.4	16.0	15.1	5.3	8.1	11.4	12.4	12.8
45 years and over	17.2	27.0	11.7	13.5	8.2	13.0	10.9	12.1	13.4
<b>COLOR</b>									
Total	13.5	18.6	100.0	100.0	6.9	9.9	100.0	100.0	100.0
White, total	13.5	18.0	75.7	75.8	6.6	9.6	72.8	75.8	88.6
Male	16.7	19.2	49.1	44.9	9.8	12.0	55.9	52.8	57.7
Female	10.0	16.6	26.6	30.8	3.3	6.6	16.8	23.0	31.0
Nonwhite, total	13.5	20.5	24.3	24.2	7.6	11.0	27.2	24.2	11.4
Male	15.0	20.4	13.0	12.8	8.2	11.9	13.9	14.0	6.6
Female	12.0	20.8	11.3	11.4	7.3	9.9	13.4	10.2	4.8
<b>MARITAL STATUS</b>									
Total	13.5	18.6	100.0	100.0	6.9	9.9	100.0	100.0	100.0
Married, wife present	22.6	25.5	35.6	31.4	14.1	16.9	43.1	38.7	47.9
Single	8.9	12.5	16.9	18.3	3.4	7.2	12.9	19.8	12.9
14 to 19 years	4.4	7.7	5.6	7.1	1.0	4.3	2.5	7.4	6.6
20 years and over	16.3	20.6	11.3	11.1	8.8	12.3	10.4	12.4	6.3
Other marital status	27.2	28.7	9.5	8.0	21.3	16.2	14.4	8.4	3.4
Female	10.5	17.5	38.1	42.2	4.2	7.4	29.9	33.2	35.7
Married, husband present	10.4	17.2	15.6	18.4	3.6	7.1	10.4	14.2	19.5
Single	8.4	12.1	11.8	10.6	3.6	4.8	9.9	7.7	9.2
14 to 19 years	5.6	11.5	5.9	6.6	2.2	3.7	4.5	4.0	4.4
20 years and over	15.2	14.0	5.9	4.0	7.3	7.0	5.4	3.7	4.8
Other marital status	15.6	27.7	10.5	13.3	7.2	12.5	9.4	11.1	7.0

Table 11: Unemployed persons looking for full- or part-time work, by age and sex

3rd Quarter Averages

Age and sex	Looking for full-time work (thousands of persons)			Looking for part-time work (thousands of persons)			Looking for part-time work as a percent of unemployed in each group		
	1966	1965	1964	1966	1965	1964	1966	1965	1964
Total	2,277	2,647	2,944	630	598	651	21.7	18.4	18.1
Male	1,213	1,481	1,706	281	311	317	18.8	17.4	15.7
14 to 19 years	311	340	336	202	237	225	39.4	41.1	40.1
Major activity:									
Going to school	4	10	17	78	86	60	(1)	(1)	(1)
All other	309	331	320	124	152	165	28.6	31.5	34.0
20 to 24 years	165	242	338	21	22	21	11.3	8.3	5.8
25 to 54 years	559	666	767	15	20	27	2.6	2.9	3.4
55 years and over	179	232	265	43	32	44	19.4	12.1	14.2
Female	1,064	1,166	1,238	349	287	334	24.7	19.8	21.2
14 to 19 years	320	299	282	151	111	127	32.1	27.1	31.1
Major activity:									
Going to school	2	5	1	41	36	37	(1)	(1)	(1)
All other	319	294	284	110	74	91	25.6	20.1	24.2
20 to 24 years	204	218	237	34	31	36	14.3	12.4	13.2
25 to 54 years	466	563	623	133	119	129	22.2	17.4	17.2
55 years and over	73	86	97	32	26	42	30.5	23.2	30.2

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

## HOUSEHOLD DATA QUARTERLY AVERAGES

**Table 12: Total labor force, by age and sex**  
3rd Quarter Averages

Age and sex	Thousands of persons			Labor force participation rate		
	1966	1965	1964	1966	1965	1964
<b>Total</b> . . . . .	81,764	79,785	78,111	59.0	58.5	58.1
<b>Male</b> . . . . .	53,651	52,926	52,241	79.9	80.0	80.1
14 to 19 years . . . . .	5,892	5,541	5,116	54.5	53.4	51.6
14 and 15 years . . . . .	1,007	1,021	934	27.5	28.7	26.6
16 and 17 years . . . . .	2,013	1,949	1,895	57.2	55.3	52.5
18 and 19 years . . . . .	2,872	2,571	2,287	79.1	78.2	81.6
20 to 24 years . . . . .	6,350	6,167	5,964	90.7	91.0	91.7
25 to 34 years . . . . .	10,786	10,686	10,681	97.6	97.8	97.9
35 to 44 years . . . . .	11,373	11,487	11,548	97.2	97.4	97.3
45 to 54 years . . . . .	10,219	10,130	10,027	95.4	95.5	95.5
55 to 64 years . . . . .	6,882	6,750	6,750	84.8	84.4	85.5
55 to 59 years . . . . .	3,983	3,930	3,912	89.9	90.2	90.9
60 to 64 years . . . . .	2,899	2,820	2,838	78.6	77.4	79.1
65 years and over . . . . .	2,149	2,165	2,154	27.8	28.3	28.4
<b>Female</b> . . . . .	28,113	26,861	25,869	39.3	38.2	37.4
14 to 19 years . . . . .	3,930	3,410	3,121	37.2	33.7	32.2
14 and 15 years . . . . .	595	516	482	16.7	14.9	14.1
16 and 17 years . . . . .	1,285	1,147	1,150	37.4	33.4	32.6
18 and 19 years . . . . .	2,049	1,747	1,489	57.5	54.0	53.7
20 to 24 years . . . . .	3,591	3,421	3,246	51.3	50.4	49.6
25 to 34 years . . . . .	4,413	4,221	4,076	38.9	37.6	36.3
35 to 44 years . . . . .	5,684	5,656	5,508	46.3	45.6	44.1
45 to 54 years . . . . .	5,851	5,675	5,620	51.3	50.5	50.7
55 to 64 years . . . . .	3,733	3,530	3,370	41.8	40.3	39.2
55 to 59 years . . . . .	2,300	2,193	2,089	47.9	46.7	45.3
60 to 64 years . . . . .	1,433	1,337	1,281	34.7	33.0	32.2
65 years and over . . . . .	912	945	927	9.1	9.6	9.7

**Table 13: Employed persons, by age and sex**  
3rd Quarter Averages  
(In thousands)

Age and sex	Male			Female		
	1966	1965	1964	1966	1965	1964
<b>All industries</b> . . . . .	49,011	48,461	47,504	26,666	25,377	24,268
14 to 19 years . . . . .	4,919	4,569	4,053	3,451	2,995	2,707
20 to 24 years . . . . .	4,817	4,828	4,653	3,341	3,161	2,964
25 to 34 years . . . . .	9,760	9,676	9,650	4,190	3,989	3,801
35 to 44 years . . . . .	10,772	10,907	10,888	5,458	5,385	5,239
45 to 54 years . . . . .	9,939	9,832	9,670	5,685	5,484	5,398
55 to 64 years . . . . .	6,724	6,548	6,516	3,652	3,442	3,260
65 years and over . . . . .	2,080	2,098	2,075	887	922	899
<b>Nonagricultural industries</b> . . . . .	45,316	44,380	43,163	25,664	24,277	23,125
14 to 19 years . . . . .	4,208	3,782	3,213	3,263	2,803	2,510
20 to 24 years . . . . .	4,584	4,552	4,316	3,286	3,098	2,890
25 to 34 years . . . . .	9,351	9,213	9,151	4,032	3,854	3,631
35 to 44 years . . . . .	10,222	10,277	10,177	5,275	5,180	5,030
45 to 54 years . . . . .	9,216	9,057	8,902	5,465	5,226	5,143
55 to 64 years . . . . .	6,085	5,863	5,824	3,500	3,265	3,103
65 years and over . . . . .	1,652	1,638	1,581	844	852	819
<b>Agriculture</b> . . . . .	3,695	4,080	4,341	1,002	1,099	1,143
14 to 19 years . . . . .	711	788	840	189	192	197
20 to 24 years . . . . .	233	275	337	55	62	74
25 to 34 years . . . . .	408	465	499	157	135	171
35 to 44 years . . . . .	550	631	711	184	206	209
45 to 54 years . . . . .	723	775	768	222	258	255
55 to 64 years . . . . .	640	686	692	153	177	156
65 years and over . . . . .	429	461	493	43	70	80

**Table 14: Employed persons, by class of worker and occupation**  
3rd Quarter Averages  
(In thousands)

Characteristics	Total			Male			Female		
	1966	1965	1964	1966	1965	1964	1966	1965	1964
<b>CLASS OF WORKER</b>									
<b>Total</b> . . . . .	75,677	73,837	71,771	49,011	48,461	47,504	26,666	25,377	24,268
<b>Nonagricultural industries</b> . . . . .	70,981	68,658	66,288	45,316	44,380	43,163	25,665	24,277	23,125
Wage and salary workers . . . . .	64,224	61,901	59,506	40,566	39,543	38,222	23,658	22,358	21,284
Private household workers . . . . .	2,583	2,647	2,666	396	435	422	2,187	2,211	2,245
Government workers . . . . .	10,103	9,485	8,889	5,974	5,763	5,434	4,128	3,722	3,455
Other wage and salary workers . . . . .	51,538	49,769	47,951	34,196	33,345	32,366	17,343	16,425	15,584
Self-employed workers . . . . .	6,106	6,143	6,186	4,656	4,753	4,845	1,450	1,390	1,340
Unpaid family workers . . . . .	651	614	597	94	84	96	557	530	501
<b>Agriculture</b> . . . . .	4,696	5,180	5,483	3,695	4,080	4,341	1,001	1,099	1,143
Wage and salary workers . . . . .	1,676	1,823	1,969	1,318	1,462	1,579	358	360	390
Self-employed workers . . . . .	2,189	2,392	2,495	2,056	2,245	2,337	134	147	159
Unpaid family workers . . . . .	831	965	1,018	321	373	425	509	592	594
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	75,677	73,837	71,771	49,011	48,461	47,504	26,666	25,377	24,268
<b>White-collar workers</b> . . . . .	33,390	31,986	30,823	18,451	18,014	17,705	14,940	13,973	13,121
Professional and technical . . . . .	9,048	8,599	8,123	5,798	5,559	5,305	3,251	3,039	2,819
Managers, officials, and proprietors . . . . .	7,551	7,364	7,432	6,344	6,239	6,319	1,207	1,126	1,113
Clerical workers . . . . .	12,080	11,310	10,773	3,458	3,389	3,325	8,622	7,921	7,448
Sales workers . . . . .	4,711	4,713	4,497	2,851	2,827	2,756	1,860	1,887	1,741
<b>Blue-collar workers</b> . . . . .	28,187	27,493	26,485	23,695	23,288	22,432	4,492	4,204	4,053
Craftsmen and foremen . . . . .	10,028	9,638	9,356	9,747	9,363	9,115	281	275	241
Operatives . . . . .	13,995	13,596	13,196	9,906	9,782	9,476	4,089	3,813	3,720
Nonfarm laborers . . . . .	4,164	4,259	3,933	4,042	4,143	3,841	122	116	92
Service workers . . . . .	9,797	9,544	9,328	3,493	3,376	3,323	6,303	6,168	6,006
Private household workers . . . . .	2,244	2,243	2,258	59	58	66	2,184	2,185	2,193
Other service workers . . . . .	7,553	7,301	7,070	3,434	3,318	3,257	4,119	3,983	3,813
<b>Farm workers</b> . . . . .	4,305	4,816	5,133	3,375	3,783	4,043	931	1,033	1,090
Farmers and farm managers . . . . .	2,095	2,311	2,444	1,970	2,173	2,294	126	138	150
Farm laborers and foremen . . . . .	2,210	2,505	2,689	1,405	1,610	1,749	805	895	940

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**Table 15: Employed persons, by hours worked**  
3rd Quarter Averages  
(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	1966	1965	1964	1966	1965	1964	1966	1965	1964
Total .....	75,677	73,837	71,771	70,980	68,658	66,288	4,697	5,180	5,483
With a job but not at work .....	6,256	6,250	6,194	6,126	6,106	6,034	130	144	160
At work .....	69,421	67,587	65,577	64,855	62,552	60,254	4,566	5,035	5,323
1-34 hours .....	12,664	12,221	17,871	11,317	10,782	16,307	1,348	1,441	1,565
1-4 hours .....	807	885	855	743	808	782	63	77	74
5-14 hours .....	2,957	2,973	2,989	2,620	2,639	2,659	338	335	331
15-34 hours .....	8,901	8,360	14,026	7,953	7,332	12,866	948	1,029	1,161
35 hours or more .....	56,758	55,366	47,707	53,539	51,770	43,949	3,219	3,593	3,758
35-40 hours .....	32,819	31,693	26,943	32,086	30,868	26,137	733	824	807
41 hours and over .....	23,939	23,673	20,764	21,453	20,902	17,812	2,486	2,769	2,951
Average hours, total at work .....	41.2	41.2	40.0	40.7	40.8	39.3	47.2	47.1	47.0

**Table 16: Employed persons, by full- or part-time status**  
3rd Quarter Averages  
(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	1966	1965	1964	1966	1965	1964
Total .....	75,677	73,837	71,771	70,980	68,658	66,288
With a job but not at work .....	6,256	6,250	6,194	6,126	6,106	6,034
At work .....	69,421	67,587	65,577	64,855	62,552	60,254
On full-time schedules .....	59,320	57,621	55,856	55,884	53,796	51,826
35 hours or more .....	56,758	55,366	47,707	53,539	51,776	43,949
1-34 hours for noneconomic reasons .....	2,562	2,255	8,149	2,345	2,026	7,877
Bad weather .....	363	282	332	240	177	243
Industrial dispute .....	28	43	17	28	43	17
Vacation .....	508	520	617	494	499	587
Illness .....	672	688	576	638	640	541
Holiday .....	241	7	5,923	241	7	5,894
All other reasons .....	750	715	684	704	660	595
On part time for economic reasons .....	2,218	2,454	2,660	1,922	2,120	2,273
Usually work full time .....	1,015	1,057	1,114	869	894	916
Average hours .....	23.0	23.4	21.9	23.3	23.7	22.2
Usually work part time .....	1,203	1,397	1,546	1,053	1,226	1,357
Average hours .....	17.6	17.3	17.3	17.5	17.4	17.3
On part time for noneconomic reasons; usually work part time .....	7,883	7,512	7,062	7,048	6,632	6,155

**Table 17: Employed persons with a job, but not at work, by reason not working and pay status**  
3rd Quarter Averages  
(In thousands)

Reason not working	All industries			Nonagricultural industries								
	1966	1965	1964	Total			Wage and salary workers					
				1966	1965	1964	Number			Percent paid		
	1966	1965	1964	1966	1965	1964	1966	1965	1964	1966	1965	1964
Total .....	6,256	6,250	6,194	6,126	6,106	6,034	5,707	5,678	5,592	64.6	66.5	65.3
Bad weather .....	29	23	29	15	18	22	13	13	15	(1)	-	(1)
Industrial dispute .....	89	49	29	89	49	29	89	49	29	-	-	-
Vacation .....	4,444	4,464	4,298	4,404	4,418	4,255	4,213	4,199	4,036	75.8	78.7	78.2
Illness .....	952	977	917	901	927	867	799	835	786	37.4	36.0	36.3
All other reasons .....	742	737	922	717	695	862	593	584	727	32.0	29.3	29.3

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

## HOUSEHOLD DATA SEASONALLY ADJUSTED QUARTERLY AVERAGES

**Table 18: Summary employment and unemployment estimates, by age and sex, seasonally adjusted**

Quarterly Averages  
(In thousands)

Employment status	1966			1965				1964				1963	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
<b>TOTAL</b>													
Total labor force .....	80,375	79,724	79,413	78,973	78,515	78,103	77,693	77,243	76,995	77,127	76,521	76,141	75,854
Civilian labor force .....	77,194	76,673	76,483	76,175	75,812	75,420	74,989	74,512	74,251	74,381	73,789	73,400	73,107
Employed .....	74,192	73,676	73,557	72,972	72,434	71,863	71,354	70,773	70,477	70,449	69,764	69,255	69,030
Agriculture .....	4,117	4,265	4,411	4,437	4,543	4,763	4,576	4,677	4,823	4,779	4,793	4,925	4,907
Nonagricultural industries .....	70,075	69,410	69,146	68,535	67,891	67,100	66,777	66,096	65,653	65,670	64,971	64,330	64,123
On full-time schedules <sup>1</sup> .....	57,147	56,047	55,882	55,303	55,006	54,266	54,146	53,212	53,010	52,746	52,495	51,897	51,507
On part-time for economic reasons <sup>1</sup> .....	1,776	1,727	1,707	1,795	1,946	1,919	2,039	2,061	2,100	2,201	2,178	2,246	2,344
Usually work full time .....	888	885	874	810	912	912	954	965	939	1,021	1,019	1,055	1,120
Usually work part time .....	889	842	834	985	1,034	1,007	1,086	1,096	1,161	1,180	1,159	1,191	1,223
On voluntary part-time schedules <sup>1</sup> .....	8,249	7,982	8,011	7,943	7,765	7,510	7,260	7,284	7,241	7,446	7,100	6,946	6,896
Unemployed .....	3,002	2,998	2,926	3,203	3,378	3,557	3,635	3,739	3,774	3,932	4,026	4,145	4,077
<b>MEN, 20 YEARS AND OVER</b>													
Civilian labor force .....	44,748	44,759	44,811	44,618	44,809	44,966	44,934	44,688	44,664	44,595	44,434	44,296	44,290
Employed .....	43,620	43,633	43,649	43,381	43,410	43,473	43,371	43,053	42,980	42,877	42,624	42,381	42,427
Agriculture .....	2,864	2,919	2,969	3,033	3,160	3,283	3,210	3,256	3,360	3,301	3,289	3,395	3,397
Nonagricultural industries .....	40,755	40,745	40,681	40,348	40,250	40,190	40,161	39,797	39,620	39,576	39,335	38,986	39,030
Unemployed .....	1,128	1,096	1,162	1,237	1,399	1,493	1,563	1,635	1,685	1,718	1,810	1,915	1,863
<b>WOMEN, 20 YEARS AND OVER</b>													
Civilian labor force .....	24,575	24,103	24,020	23,956	23,805	23,557	23,454	23,228	23,065	23,224	22,894	22,758	22,495
Employed .....	23,645	23,180	23,139	22,961	22,773	22,475	22,345	22,090	21,913	22,011	21,623	21,515	21,265
Agriculture .....	656	681	750	734	732	780	753	758	762	761	736	816	787
Nonagricultural industries .....	22,989	22,499	22,389	22,227	22,041	21,695	21,592	21,333	21,151	21,250	20,867	20,700	20,478
Unemployed .....	930	923	881	994	1,031	1,082	1,109	1,138	1,151	1,213	1,271	1,243	1,230
<b>BOTH SEXES, 14-19 YEARS</b>													
Civilian labor force .....	7,872	7,812	7,652	7,601	7,199	6,897	6,601	6,596	6,522	6,562	6,462	6,346	6,322
Employed .....	6,927	6,832	6,768	6,630	6,251	5,915	5,637	5,630	5,584	5,561	5,517	5,359	5,338
Agriculture .....	597	666	692	670	650	700	613	663	702	717	748	714	723
Nonagricultural industries .....	6,330	6,166	6,076	5,960	5,600	5,215	5,024	4,967	4,882	4,844	4,769	4,645	4,615
Unemployed .....	944	979	884	971	948	982	964	966	938	1,002	945	988	984

<sup>1</sup> These categories will not add to the nonagricultural industries total because of the exclusion of persons "with a job but not at work" during the survey week.

**Table 19: Seasonally adjusted rates of unemployment**  
Quarterly Averages

Selected unemployment rates	1966			1965				1964				1963	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
Total (all civilian workers) .....	3.9	3.9	3.8	4.2	4.5	4.7	4.8	5.0	5.1	5.3	5.5	5.6	5.6
Men, 20 years and over .....	2.5	2.4	2.6	2.8	3.1	3.3	3.5	3.7	3.8	3.9	4.1	4.3	4.2
20-24 years .....	4.2	4.7	4.5	5.4	5.9	7.0	6.8	7.9	8.2	7.9	8.5	8.5	9.0
25 years and over .....	2.3	2.2	2.4	2.5	2.8	2.8	3.1	3.1	3.2	3.4	3.6	3.8	3.7
Women, 20 years and over .....	3.8	3.8	3.7	4.1	4.3	4.6	4.7	4.9	5.0	5.2	5.6	5.5	5.5
Both sexes, 14-19 years .....	12.0	12.5	11.6	12.8	13.2	14.2	14.6	14.4	14.4	15.3	14.6	15.6	15.6
White workers .....	3.4	3.5	3.4	3.8	4.0	4.3	4.3	4.5	4.5	4.7	4.9	5.0	4.9
Nonwhite workers .....	8.0	7.5	7.1	7.8	8.2	8.1	8.9	9.3	10.0	9.9	9.8	11.1	10.6
Married men .....	2.0	1.8	1.9	2.0	2.4	2.4	2.6	2.7	2.7	2.8	3.0	3.2	3.1
Full-time workers <sup>1</sup> .....	3.6	3.6	3.4	3.8	4.2	4.4	4.5	4.7	4.8	5.0	5.2	5.5	5.3
Blue-collar workers .....	4.4	4.2	4.1	4.6	5.2	5.6	5.5	6.0	6.2	6.2	6.7	7.1	6.9
Experienced wage and salary workers .....	3.6	3.6	3.4	3.8	4.1	4.4	4.5	4.7	4.9	5.1	5.2	5.4	5.4
Labor force time lost .....	4.4	4.4	4.1	4.5	5.0	5.3	5.3	5.4	5.7	5.9	6.0	6.2	6.3

<sup>1</sup> Adjusted by provisional seasonal factors.

**Table 20: Unemployed persons by duration of unemployment, seasonally adjusted**  
Quarterly Averages  
(In thousands)

Duration of unemployment	1966			1965				1964				1963	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
Less than 5 weeks .....	1,667	1,743	1,535	1,571	1,739	1,812	1,737	1,730	1,736	1,849	1,830	1,864	1,799
5 to 14 weeks .....	882	780	749	921	939	1,030	1,026	1,075	1,114	1,134	1,132	1,216	1,238
15 weeks and over .....	462	538	609	667	710	769	837	909	942	980	1,040	1,053	1,079
15-26 weeks .....	256	285	329	346	379	413	446	466	452	493	537	531	543
27 weeks and over .....	206	253	280	321	331	356	391	443	490	487	503	522	536
15 weeks and over as a percent of civilian labor force .....	.6	.7	.8	.9	.9	1.0	1.1	1.2	1.3	1.3	1.4	1.4	1.5

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**  
**QUARTERLY AVERAGES**

**Table 21: Rates of unemployment by age and sex, seasonally adjusted**  
 Quarterly Averages

Age and sex	1966			1965				1964				1963	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd
Total, 14 years and over . . . . .	3.9	3.9	3.8	4.2	4.5	4.7	4.8	5.0	5.1	5.3	5.5	5.6	5.6
14 to 17 years . . . . .	12.6	13.2	12.5	13.6	13.4	13.9	14.7	14.1	14.1	15.3	14.9	15.9	15.2
14 and 15 years . . . . .	8.2	7.8	7.7	9.4	6.9	7.4	7.6	7.7	8.0	7.9	8.6	9.1	7.9
16 and 17 years . . . . .	14.7	15.9	14.8	15.7	16.6	16.8	18.0	17.2	16.9	18.9	17.9	19.1	19.0
18 years and over . . . . .	3.4	3.4	3.4	3.7	4.0	4.3	4.4	4.6	4.6	4.8	5.0	5.2	5.1
18 and 19 years . . . . .	11.4	12.0	10.7	12.1	12.8	15.0	14.4	15.2	14.6	15.4	14.5	15.3	15.7
20 to 24 years . . . . .	5.1	5.5	5.2	6.0	6.3	7.2	7.2	7.9	8.1	8.4	8.8	8.9	9.1
25 years and over . . . . .	2.7	2.6	2.7	2.9	3.2	3.3	3.5	3.6	3.7	3.8	4.0	4.2	4.1
25 to 54 years . . . . .	2.7	2.6	2.6	2.9	3.2	3.3	3.5	3.6	3.6	3.8	4.0	4.2	4.2
55 years and over . . . . .	2.7	2.6	2.8	2.9	3.1	3.3	3.3	3.4	3.8	3.8	4.2	4.1	3.8
Males, 18 years and over . . . . .	2.9	2.8	2.9	3.1	3.5	3.7	3.8	4.0	4.2	4.2	4.4	4.7	4.6
18 and 19 years . . . . .	10.1	10.9	9.6	10.5	12.1	14.4	12.7	14.6	15.0	15.1	14.4	15.2	15.7
20 to 24 years . . . . .	4.2	4.7	4.5	5.4	5.9	7.0	6.8	7.9	8.2	7.9	8.5	8.5	9.0
25 years and over . . . . .	2.3	2.2	2.4	2.5	2.8	2.8	3.1	3.1	3.2	3.4	3.6	3.8	3.7
25 to 54 years . . . . .	2.2	2.0	2.2	2.3	2.6	2.7	2.9	3.1	3.0	3.2	3.4	3.7	3.6
55 years and over . . . . .	2.8	2.7	2.9	3.1	3.4	3.3	3.4	3.5	4.0	3.9	4.2	4.2	4.0
Females, 18 years and over . . . . .	4.4	4.5	4.2	4.8	4.9	5.3	5.4	5.6	5.5	5.8	6.1	6.0	6.1
18 and 19 years . . . . .	12.8	13.3	11.9	14.0	13.7	15.9	16.6	16.4	14.2	15.7	14.7	15.4	15.8
20 to 24 years . . . . .	6.3	6.5	6.2	6.8	6.9	7.6	7.8	7.9	8.0	9.2	9.3	9.5	9.2
25 years and over . . . . .	3.4	3.3	3.3	3.7	3.9	4.1	4.2	4.4	4.5	4.6	5.0	4.8	4.9
25 to 54 years . . . . .	3.7	3.6	3.5	4.0	4.3	4.3	4.6	4.8	4.9	4.9	5.2	5.1	5.4
55 years and over . . . . .	2.3	2.2	2.5	2.5	2.5	3.1	3.1	3.1	3.3	3.4	4.1	3.8	3.5

**Table 22: Employed persons by age and sex, seasonally adjusted**

Quarterly Averages  
 (In thousands)

Age and sex	1966				1965				1964				1963	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
Total, 14 years and over . . . . .	74,192	73,676	73,557	72,972	72,434	71,863	71,354	70,773	70,477	70,449	69,764	69,255	69,030	
14 to 17 years . . . . .	3,403	3,386	3,441	3,399	3,200	3,058	2,977	3,032	3,070	3,117	3,043	2,857	2,834	
14 and 15 years . . . . .	1,144	1,188	1,195	1,173	1,109	1,038	1,038	1,048	1,018	1,104	1,057	1,010	1,055	
16 and 17 years . . . . .	2,259	2,198	2,246	2,226	2,091	2,020	1,939	1,984	2,052	2,013	1,986	1,847	1,779	
18 years and over . . . . .	70,753	70,274	70,109	69,606	69,293	68,751	68,388	67,782	67,455	67,283	66,693	66,409	66,258	
18 and 19 years . . . . .	3,492	3,418	3,388	3,238	3,035	2,828	2,714	2,608	2,504	2,419	2,484	2,491	2,511	
20 to 24 years . . . . .	7,931	8,002	7,799	7,720	7,833	7,701	7,550	7,483	7,439	7,253	7,043	6,894	6,887	
25 years and over . . . . .	59,330	58,854	58,922	58,648	58,425	58,222	58,124	57,691	57,512	57,611	57,166	57,024	56,860	
25 to 44 years . . . . .	30,180	30,157	30,345	30,166	29,954	29,908	29,950	29,640	29,574	29,710	29,548	29,488	29,461	
45 years and over . . . . .	29,041	28,700	28,644	28,456	28,396	28,339	28,216	28,021	27,880	27,925	27,656	27,514	27,344	
Males, 18 years and over . . . . .	45,504	45,528	45,476	45,170	45,114	45,023	44,865	44,488	44,356	44,167	43,912	43,744	43,798	
18 and 19 years . . . . .	1,888	1,851	1,874	1,769	1,677	1,549	1,530	1,414	1,353	1,294	1,324	1,337	1,347	
20 to 24 years . . . . .	4,588	4,609	4,565	4,527	4,627	4,616	4,537	4,469	4,450	4,348	4,198	4,179	4,158	
25 years and over . . . . .	39,028	39,068	39,037	38,874	38,810	38,858	38,798	38,605	38,553	38,525	38,390	38,228	38,293	
25 to 44 years . . . . .	20,366	20,529	20,580	20,466	20,418	20,435	20,457	20,324	20,379	20,377	20,379	20,206	20,257	
45 years and over . . . . .	18,627	18,531	18,504	18,388	18,365	18,422	18,377	18,260	18,151	18,152	18,047	17,996	18,012	
Females, 18 years and over . . . . .	25,249	24,746	24,633	24,436	24,179	23,728	23,523	23,293	23,099	23,116	22,781	22,665	22,460	
18 and 19 years . . . . .	1,604	1,567	1,514	1,469	1,358	1,279	1,184	1,194	1,151	1,125	1,160	1,154	1,164	
20 to 24 years . . . . .	3,343	3,393	3,234	3,193	3,206	3,085	3,013	3,013	2,989	2,905	2,845	2,715	2,729	
25 years and over . . . . .	20,302	19,786	19,885	19,774	19,615	19,364	19,326	19,086	18,959	19,086	18,776	18,796	18,567	
25 to 44 years . . . . .	9,814	9,628	9,765	9,700	9,536	9,473	9,493	9,316	9,195	9,333	9,169	9,282	9,204	
45 years and over . . . . .	10,414	10,169	10,140	10,068	10,031	9,917	9,839	9,761	9,729	9,773	9,609	9,518	9,332	

NOTE: Due to the independent seasonal adjustment of several of the series, detail will not necessarily add to totals.

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**  
**QUARTERLY AVERAGES**

**Table 23: Employment status by color, sex, and age, seasonally adjusted**  
Quarterly Averages, in thousands

Characteristics	1966				1965				1964				1963	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>WHITE</b>														
Civilian labor force . . . . .	68,359	68,062	68,000	67,685	67,226	67,013	66,717	66,160	65,891	66,081	65,602	65,244	64,917	
Men, 20 years and over . . . . .	40,220	40,319	40,365	40,174	40,343	40,516	40,496	40,257	40,223	40,181	40,043	39,921	39,869	
Women, 20 years and over . . . . .	21,214	20,807	20,754	20,676	20,509	20,386	20,296	20,013	19,891	20,087	19,823	19,692	19,428	
Both sexes, 14-19 years . . . . .	6,925	6,936	6,880	6,835	6,374	6,111	5,925	5,890	5,777	5,813	5,736	5,631	5,620	
Employed . . . . .	66,058	65,692	65,689	65,145	64,559	64,125	63,832	63,190	62,954	62,957	62,386	61,999	61,710	
Men, 20 years and over . . . . .	39,321	39,433	39,418	39,157	39,215	39,273	39,244	38,941	38,871	38,798	38,594	38,402	38,385	
Women, 20 years and over . . . . .	20,519	20,093	20,070	19,910	19,722	19,545	19,431	19,152	19,028	19,155	18,836	18,743	18,482	
Both sexes, 14-19 years . . . . .	6,218	6,167	6,200	6,079	5,622	5,307	5,156	5,097	5,055	5,004	4,956	4,854	4,843	
Unemployed . . . . .	2,301	2,369	2,311	2,540	2,668	2,888	2,886	2,970	2,938	3,125	3,216	3,245	3,208	
Men, 20 years and over . . . . .	899	886	947	1,017	1,128	1,243	1,252	1,315	1,353	1,384	1,449	1,518	1,485	
Women, 20 years and over . . . . .	695	715	684	766	788	840	865	861	863	932	987	949	946	
Both sexes, 14-19 years . . . . .	707	769	680	757	752	805	769	794	722	809	780	778	777	
Unemployment rate . . . . .	3.4	3.5	3.4	3.8	4.0	4.3	4.3	4.5	4.5	4.7	4.9	5.0	4.9	
Men, 20 years and over . . . . .	2.2	2.2	2.3	2.5	2.8	3.1	3.1	3.3	3.4	3.4	3.6	3.8	3.7	
Women, 20 years and over . . . . .	3.3	3.4	3.3	3.7	3.8	4.1	4.3	4.3	4.3	4.6	5.0	4.8	4.9	
Both sexes, 14-19 years . . . . .	10.2	11.1	9.9	11.1	11.8	13.2	13.0	13.5	12.5	13.9	13.6	13.8	13.8	
<b>NONWHITE</b>														
Civilian labor force . . . . .	8,641	8,539	8,656	8,539	8,463	8,371	8,391	8,381	8,271	8,284	8,229	8,168	8,120	
Men, 20 years and over . . . . .	4,477	4,421	4,489	4,461	4,426	4,450	4,469	4,445	4,404	4,431	4,416	4,374	4,377	
Women, 20 years and over . . . . .	3,284	3,288	3,302	3,267	3,243	3,178	3,182	3,198	3,137	3,133	3,080	3,077	3,038	
Both sexes, 14-19 years . . . . .	880	830	864	811	794	743	740	738	730	720	732	717	705	
Employed . . . . .	7,954	7,896	8,042	7,872	7,765	7,690	7,642	7,602	7,446	7,467	7,420	7,264	7,261	
Men, 20 years and over . . . . .	4,256	4,207	4,275	4,242	4,164	4,193	4,156	4,125	4,081	4,089	4,054	3,978	4,008	
Women, 20 years and over . . . . .	3,044	3,081	3,108	3,039	2,996	2,937	2,940	2,922	2,842	2,854	2,800	2,782	2,747	
Both sexes, 14-19 years . . . . .	653	608	659	591	605	560	546	555	523	524	567	504	506	
Unemployed . . . . .	687	643	614	667	698	681	749	779	825	817	808	904	859	
Men, 20 years and over . . . . .	221	214	214	219	262	257	312	320	323	342	362	397	369	
Women, 20 years and over . . . . .	239	207	194	227	247	241	242	276	296	279	281	295	291	
Both sexes, 14-19 years . . . . .	227	222	206	220	189	182	195	183	207	196	166	213	199	
Unemployment rate . . . . .	8.0	7.5	7.1	7.8	8.2	8.1	8.9	9.3	10.0	9.9	9.8	11.1	10.6	
Men, 20 years and over . . . . .	4.9	4.8	4.8	4.9	5.9	5.8	7.0	7.2	7.3	7.7	8.2	9.1	8.4	
Women, 20 years and over . . . . .	7.3	6.3	5.9	6.9	7.6	7.6	7.6	8.6	9.4	8.9	9.1	9.6	9.6	
Both sexes, 14-19 years . . . . .	25.8	26.7	23.8	27.1	23.8	24.5	26.4	24.8	28.4	27.2	22.7	29.7	28.2	

**Table 24: Total employment and unemployment rates, by occupation, seasonally adjusted**  
Quarterly Averages, in thousands

Characteristics	1966				1965				1964				1963	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>EMPLOYED (In thousands)</b>														
White-collar workers . . . . .	33,730	33,078	32,515	32,378	32,399	32,111	31,591	31,423	31,143	31,035	30,870	30,565	30,246	
Professional and technical . . . . .	9,482	9,265	8,949	8,911	9,010	8,828	8,790	8,738	8,509	8,511	8,428	8,388	8,283	
Managers, officials and proprietors . . . . .	7,587	7,413	7,216	7,121	7,398	7,549	7,279	7,398	7,477	7,476	7,457	7,431	7,292	
Clerical workers . . . . .	11,949	11,650	11,494	11,529	11,187	11,029	10,906	10,725	10,663	10,665	10,613	10,403	10,325	
Sales workers . . . . .	4,713	4,750	4,856	4,816	4,804	4,705	4,617	4,563	4,495	4,382	4,372	4,344	4,347	
Blue-collar workers . . . . .	27,165	27,175	27,271	26,835	26,483	26,182	26,407	25,770	25,529	25,535	25,316	25,238	25,111	
Craftsmen and foremen . . . . .	9,679	9,547	9,459	9,427	9,303	8,976	9,194	9,074	9,040	8,890	8,934	9,026	8,969	
Operatives . . . . .	13,752	13,941	13,993	13,577	13,360	13,368	13,264	13,056	12,962	12,928	12,755	12,604	12,589	
Nonfarm laborers . . . . .	3,734	3,688	3,818	3,831	3,820	3,838	3,949	3,640	3,527	3,716	3,628	3,609	3,554	
Service workers . . . . .	9,729	9,474	9,619	9,642	9,480	9,116	9,139	9,225	9,277	9,427	9,097	8,957	9,060	
Farmers and farm laborers . . . . .	3,777	3,950	4,073	4,110	4,218	4,431	4,318	4,388	4,500	4,430	4,479	4,577	4,579	
<b>UNEMPLOYMENT RATE</b>														
White-collar workers . . . . .	2.1	2.0	2.0	2.2	2.1	2.3	2.5	2.4	2.4	2.7	2.8	2.9	2.8	
Professional and technical . . . . .	1.5	1.2	1.2	1.4	1.3	1.5	1.7	1.4	1.8	1.8	1.8	1.8	1.8	
Managers, officials and proprietors . . . . .	1.0	1.1	1.2	1.1	1.1	1.1	1.2	1.3	1.4	1.2	1.6	1.5	1.6	
Clerical workers . . . . .	3.0	2.7	2.8	2.9	3.1	3.4	3.6	3.5	3.3	3.9	4.1	4.4	4.1	
Sales workers . . . . .	2.6	3.1	2.7	3.4	3.1	3.3	3.5	3.4	3.0	3.9	3.3	3.9	4.0	
Blue-collar workers . . . . .	4.4	4.2	4.1	4.6	5.2	5.6	5.5	6.0	6.2	6.2	6.7	7.1	6.9	
Craftsmen and foremen . . . . .	2.7	2.7	3.0	2.8	3.6	3.9	3.9	4.1	4.1	4.0	4.3	4.7	4.3	
Operatives . . . . .	4.6	4.4	4.2	4.9	5.4	5.9	5.5	6.1	6.4	6.5	7.0	7.4	7.2	
Nonfarm laborers . . . . .	7.8	7.2	6.7	7.8	8.1	8.0	9.0	9.9	10.7	10.3	11.2	11.7	11.9	
Service workers . . . . .	4.4	4.8	4.4	4.6	5.0	5.3	5.7	5.5	5.7	6.0	6.1	5.9	6.1	
Farmers and farm laborers . . . . .	2.0	2.7	2.0	3.0	2.6	2.4	2.4	3.1	3.1	3.1	3.1	2.6	3.3	

# 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. Order blank follows Technical Note.

## 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. 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 information is collected by trained interviewers from a sample of about 35,000 households, representing 357 areas in 701 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment payroll records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures are based on payroll reports from a sample of establishments employing about 25 million nonfarm 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, exservicemen, and for railroad workers. These statistics are published by the Bureau of Employment Security, 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 farm and nonfarm industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm 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 or looking for work 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 work 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 Bureau of Employment Security 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-employed, 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 14 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 nonfarm 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 32 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 economic characteristics of employed and unemployed persons, and related labor force 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 Household Statistics on Employment and Unemployment from the*

*Current Population Survey*" (BLS Report 279). 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 14 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 14 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 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 35,000 occupied units are designated for interview. About 1,500 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 35,000 occupied units there are 5,000 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 on 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 or looking for work 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.

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 at all during the survey week and were looking for work, regardless of whether or not they were eligible for unemployment insurance. Also included as unemployed are those who did not work at all 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 (and were not in school

during the survey week); or (c) would have been looking for work except that they were temporarily ill or believed no work was available in their line of work or in the community.

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 or would have been looking for work except for temporary illness, or belief that no work was available in their line of work or in the community. 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.

*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.

*Not in labor force* includes all civilians 14 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.

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1960 Census of Population, Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Self-employed persons are those who work for profit or fees in their

own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

*Hours of work* statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Veterans Day holiday would be reported as working 32 hours even though he was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

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 distributed proportionately between the full-time and voluntary part-time employment categories.

*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 the procedure in which the sample proportions are weighted by the known 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 Census between the color-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are weighted by independent current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1960) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. This procedure reduces the sampling variability especially of month-to-month changes but also of the levels for most items.

### Reliability of the Estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

The standard error is a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 19 out of 20 that the difference would be less than twice the standard error.

Table A shows the average standard error for the major employment status categories, by sex, computed from data for past months. Estimates of change derived from the survey are also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year to year change.

Table A. Average standard error of major employment status categories

Employment status and sex	Average standard error of--	
	(In thousands)	
	Monthly level	Month-to-month change (consecutive months only)
<b>BOTH SEXES</b>		
Labor force and total employment.....	250	180
Agriculture.....	200	120
Nonagricultural employment	300	180
Unemployment.....	100	100
<b>MALE</b>		
Labor force and total employment.....	120	90
Agriculture.....	180	90
Nonagricultural employment	200	120
Unemployment.....	75	90
<b>FEMALE</b>		
Labor force and total employment.....	180	150
Agriculture.....	75	55
Nonagricultural employment	180	120
Unemployment.....	65	65

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 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.

Table B. Standard error of level of monthly estimates

Size of estimate	(In thousands)					
	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
10 .....	5	5	7	5	5	5
50 .....	11	10	14	10	10	10
100 .....	15	14	20	14	14	14
250 .....	24	21	31	21	22	21
500 .....	34	30	43	30	31	30
1,000 .....	48	40	60	40	45	40
2,500 .....	75	50	90	50	70	50
5,000 .....	100	50	110	...	100	...
10,000 .....	140	...	140	...	130	...
20,000 .....	180	...	150	...	170	...
30,000 .....	210	...	...	...	...	...
40,000 .....	220	...	...	...	...	...

*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 160,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 160,000 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 160,000 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 135,000.

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	
	Estimates relating to agricultural employment	All estimates except those relating to agricultural employment
10 .....	14	12
25 .....	35	26
50 .....	70	48
100 .....	100	90
150 .....	110	130
200 .....	250	160
250 .....	...	190
300 .....	...	220

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and

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

Table D. Standard error of percentage

Base of percentages (thousands)	Estimated percentage								
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50
150 ...	1.0	1.4	2.2	3.0	3.5	4.0	4.2	4.7	4.9
250 ...	.8	1.1	1.7	2.3	2.8	3.1	3.4	3.7	3.9
500 ...	.6	.8	1.2	1.7	2.0	2.2	2.4	2.6	2.8
1,000 ..	.4	.5	.9	1.2	1.4	1.6	1.7	1.9	1.9
2,000 ..	.3	.4	.6	.8	1.0	1.1	1.2	1.3	1.4
3,000 ..	.2	.3	.5	.7	.8	.9	1.0	1.1	1.1
5,000 ..	.2	.2	.4	.5	.6	.7	.8	.8	.9
10,000 .	.1	.2	.3	.4	.4	.5	.5	.6	.6
25,000 .	.1	.1	.2	.2	.3	.3	.3	.4	.4
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 nonfarm establishments, by industry and geographic location.

#### Federal-State Cooperation

Under cooperative arrangements with State agencies, the respondent fills out only one employment or labor turnover schedule, 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 data to the BLS for use in preparing the national series.

#### Shuttle Schedules

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

on Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The schedule is returned to the respondent each month by the collecting agency 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.

The 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. The labor turnover schedule provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

### CONCEPTS

#### Industrial Classification

Establishments 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, 1957, as amended by the 1963 Supplement.

#### Industry Employment

Employment data except that 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 family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from total nonagricultural employment.

Persons on an establishment payroll 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 do not report 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 nonfarm components. These 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, attendants, service employees, 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), and the value of free rent, fuel, meals, or other payment in kind are excluded.

*Man-hours* cover man-hours worked or 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 premium overtime hours of production and related workers during the pay period which includes the 12th of the month. Overtime hours are those for which premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or workweek. Weekend and holiday hours are included only if premium wage rates 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, while rates are the amounts stipulated for a given unit of work or time. The earnings series, however, 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 premium payments were made. 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, 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 may also 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.

#### 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 who received pay during the month, except executives, officials, and staff assistants (ICC group I). 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 the gross average weekly earnings for all production or nonsupervisory workers in the industry division without regard to total family income.

"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 premium overtime pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker man-hours and one-half of total overtime man-hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

#### Indexes of Aggregate Weekly Payrolls and Man-Hours

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 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.

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

#### Benchmark Adjustments

Employment estimates are periodically compared 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 1965 levels. Normally, benchmark adjustments are made annually.

The primary source of benchmark information is the 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 nonfarm employment in the United States, are prepared under the direction of the Bureau of Employment Security. 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, while the sample is used to measure the month-to-month changes in the level.

Data for all months since the last benchmark to which the series has been adjusted are therefore 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 an optimum allocation design known as "sampling proportionate to average size of establishment." 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 total size of sample 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 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 a 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. In order 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. The tendency of such a sample to produce biased estimates of the level of earnings for certain industries is counteracted by the stratified estimating procedure described under "Estimating Methods."

### 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 1965<sup>1</sup>

Industry division	Employees	
	Number reported	Percent of total
Mining . . . . .	287,000	46
Contract construction . . . . .	620,000	22
Manufacturing . . . . .	11,338,000	64
Transportation and public utilities:		
Railroad transportation (ICC)	697,000	96
Other transportation and public utilities . . . . .	1,740,000	54
Wholesale and retail trade . . . . .	2,403,000	20
Finance, insurance and real estate . . . . .	1,030,100	35
Service and miscellaneous . . . . .	1,682,000	19
Government:		
Federal (Civil Service Commission) <sup>2</sup> . . . . .	2,326,000	100
State and local . . . . .	3,980,000	52

<sup>1</sup> Since a few establishments do not report payroll and man-hour information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

<sup>2</sup> State and area estimates of Federal employment are based on reports from a sample of Federal establishments, collected through the BLS-State cooperative program.

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 1965

Industry	Employees	
	Number reported	Percent of total
Manufacturing . . . . .	10,809,200	61
Metal mining . . . . .	65,800	80
Coal mining . . . . .	61,600	43
Communication:		
Telephone . . . . .	579,200	80
Telegraph . . . . .	21,600	68

**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 very high degree of accuracy. Therefore, sampling variability as expressed in standard errors of the estimate is of little consequence, particularly with respect to month-to-month changes. However, since the use of 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 to new benchmarks annually. 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 1965 benchmark is available from the Bureau upon request.)

The entire difference between the estimate and benchmarks is assumed to have accumulated at a regular rate. Accordingly, the all employee series, for months between the current and the last preceding benchmark, are adjusted by tapering out the difference back from the current benchmark to the last previous benchmark. The series for months subsequent to the benchmark month are revised by projecting the level of the new benchmark by the trend of the unadjusted series.

For the most recent months, national, State, and area estimates 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 design have been received.

An approximation of the standard deviations (based on the experience of the last several years) of revisions between (1) final estimates and benchmarks, and (2) preliminary and final estimates, are presented in the following table. The chances are about 2 out of 3 that the revisions will be less than the amount indicated for each size of estimate. The chances are about 19 out of 20 that the revisions will be less than twice the amount indicated.

Average standard deviation of revisions between final estimates and benchmarks and between preliminary and final estimates

Size of empl. estimate	Standard deviations of revisions	
	Final <sup>1</sup>	Preliminary
50,000 . . . . .	2,000	600
100,000 . . . . .	2,500	900
200,000 . . . . .	4,000	1,300
500,000 . . . . .	7,500	2,400
1,000,000 . . . . .	12,000	4,100

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

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 1963-65

Industry division	1963	1964	1965
Total . . . . .	101.0	100.0	99.5
Mining . . . . .	100.3	100.0	99.5
Contract construction . . . . .	101.5	101.5	100.9
Manufacturing . . . . .	100.1	100.2	99.8
Transportation and public utilities . . . . .	100.0	100.4	100.1
Wholesale and retail trade . . . . .	100.6	100.4	99.4
Finance, insurance, and real estate . . . . .	99.8	99.4	100.7
Service and miscellaneous . . . . .	100.8	99.7	97.9
Government . . . . .	103.8	99.0	99.8

**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 and Monthly Report on the Labor Force* that contains State and area annual averages. Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by

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

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

## 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 Bureau of Employment Security, 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 and Monthly Report on the Labor Force*.

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. An earlier version of the method is described in Appendix G of the 1962 Report of the President's Committee to Appraise Employment and Unemployment Statistics, *Measuring Employment and Unemployment*.

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, but seasonally adjusted employment totals for all employees and production workers by industry divisions are obtained by summing the seasonally adjusted data which are published for 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 September 1966 *Employment and Earnings and Monthly Report on the Labor Force*, 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 1965 are published in the February 1966 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

**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)
<b>Monthly Data</b>		
All employees . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers; women employees .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . .	Production- or nonsupervisory-worker man-hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours . . .	Production-worker overtime man-hours divided by number of production workers.	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings . . .	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker man-hours.	Average, weighted by aggregate man-hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates (total, men, and women).	The number of particular actions (e.g., quits) in reporting firms divided by total employment in those firms. The result is multiplied by 100. For men (or women), the number of men (women) who quit is divided by the total number of men (women) employed.	Average, weighted by employment, of the rates for component cells.
<b>Annual Average Data</b>		
All employees and production or nonsupervisory workers.	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . .	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . .	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . .	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

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