

# EMPLOYMENT and EARNINGS

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and

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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 1964 benchmark. Data from April 1964 forward are subject to revision at the time of the next benchmark adjustment.

Issues of Employment and Earnings prior to December 1965 contain data adjusted to previous benchmarks and cannot be used in conjunction with national industry data now shown in sections B, C,

and D. Comparable data for prior periods are published in Employment and Earnings Statistics for the United States, 1909-65, BLS Bulletin 1312-3, which may be purchased from the Superintendent of Documents for \$4.25. For an individual industry, earlier data may be obtained upon request to the Bureau.

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 1964 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, MAY 1966

The Nation's job situation was characterized by mixed trends in May. Total unemployment rose 140,000 to 2.9 million, moving the jobless rate up to 4.0 percent from 3.7 percent in April. The increase was concentrated among women and younger workers. On the other hand, the demand for adult male workers continued very strong, and the rate of unemployment for workers covered by unemployment insurance reached a new low.

Nonfarm payroll employment showed a larger-than-seasonal increase, with continued gains in manufacturing. Total employment, however, failed to show the expected seasonal rise, mainly because bad weather held down the usual May increase in agriculture.

## Unemployment

Unemployment among men aged 25 and over declined seasonally by 150,000 to 740,000. Their jobless rate was unchanged at 2.1 percent, its lowest level since August 1953. The rate for married men, at 1.8 percent, was below 2 percent for the sixth consecutive month.

The unemployment rate for teenagers rose to 13.4 percent in May as the result of a larger than expected rise among 14 to 17 year-olds who were still in school. A great many of these young workers were seeking temporary summer jobs. The number of unemployed adult women rose slightly to 880,000, moving their jobless rate up from 3.6 percent in April to 4.0 percent in May.

Altogether, 640,000, or one-fifth of the 2.9 million persons unemployed in May, were seeking part-time jobs, including 420,000 teenagers, 150,000 women, and only 70,000 adult men.

The number unemployed 15 weeks or longer fell by nearly 200,000 over the month to 600,000, a greater than seasonal decline. On a seasonally adjusted basis, the long-term unemployed accounted for one-sixth of the jobless total and 0.7 percent of the civilian labor force, the lowest in ten years. The short-term unemployed (under 5 weeks) accounted for nearly three-fifths of the total in May.

## Insured Unemployment

State insured unemployment declined a little more than seasonally between mid-April and mid-May to 882,000. This was a postwar low for May and the lowest for any month since October 1956. Except for Florida, where the winter tourist season ended, and Georgia, all States showed over-the-month declines. The largest decreases occurred in New York (29,000) and California (14,000).

The unadjusted rate of insured joblessness dropped from 2.4 to 2.0 percent over the month. On an adjusted basis, the May rate was 2.1 percent, the lowest for any month since the start of this series in January 1949. The highest rates were 9.2 percent in Alaska (down from 14.0 in April), 5.6 in Puerto Rico, 3.9 in California, and 3.7 in Nevada. In 20 States, including Illinois, Indiana, Michigan, Ohio, Texas, and Wisconsin, the rates were less than 1.5 percent.

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>						
April 16.....	161	1,067	2.4	215	1,499	3.5
April 23.....	157	1,015	2.3	203	1,432	3.3
April 30.....	153	964	2.1	197	1,342	3.1
May 7.....	164	917	2.0	210	1,270	2.9
May 14.....	151	882	2.0	185	1,209	2.8
May 21.....	147	853	1.9	179	1,158	2.7
May 28.....	151	--	--	176	--	--

Employment

Nonfarm payroll employment rose by 575,000 in May (nearly 170,000 more than seasonally) to 63.1 million. Continued job strength was evident in manufacturing and government; however, in trade, miscellaneous services, transportation, and finance, job gains were in line with the seasonal expectations. Mining employment rose 40,000 as striking workers returned to payrolls. The employment advance in contract construction (160,000) was less than seasonal because of strike activity.

Manufacturing employment increased by approximately 120,000 to 18.8 million in May. The gain was 60,000 greater than the expected pickup. Most of the advance was concentrated in the hard-goods industries, particularly in electrical equipment and machinery.

The rate of advance in nonfarm employment during the last 2 months has tapered off from the rapid expansion of the first quarter.

The factory workweek averaged 41.5 hours in May, but after seasonal adjustment was down marginally from the very high level of the last 4 months. Hours in the durable goods industries continued at a high level but were down slightly over the month (seasonally adjusted) because of workweek reductions in the auto industry. Included in the average workweek were 4.0 hours of overtime, the highest figure for May since the series began in 1956.

Average hourly earnings of factory workers were unchanged at \$2.70 in May; however, with the lengthening of the factory workweek, average weekly earnings rose to a new high of \$112.05. Weekly earnings, pushed by a lengthened workweek and a 3.4 percent advance in hourly earnings, were up 4.2 percent over the year. Hourly earnings were up 3.4 percent from May 1965.

Total employment increased 650,000 to 73.8 million in May. The rise in agricultural employment was only 100,000--400,000 less than expected for this time of year--as unfavorable weather delayed normal farm activity. Nonagricultural employment was up by 600,000, close to the expected seasonal change.

Changes from 1965

Despite some adverse developments in May, virtually all measures of employment and unemployment continued to show significant improvement from a year earlier. Underscoring the progress of the past year, nonfarm payroll employment was up by

3.1 million from May 1965. The largest year-to-year gains were in manufacturing (1.1 million), government (770,000), trade (475,000), and miscellaneous services (440,000).

Both full-time and voluntary part-time employment rose sharply over the year, while the number on short workweeks for economic reasons declined by 300,000. At 1.5 million, this group of underemployed workers was the smallest for any May since the early 1950's.

Unemployment was down by 400,000 over the year with half the decline among those out of work 15 weeks or longer. Jobless rates were down from May 1965 for men, women, and 18-19 year-olds and for workers in most nonfarm occupation and industry groups. The improvement was especially notable for married men, full-time workers, and skilled and semiskilled blue-collar workers.

Both white and nonwhite workers have had substantially less unemployment during the first 5 months of 1966 as compared with the same period a year ago. However, the nonwhite rate (7 percent) continued double the white rate.

# TRENDS IN FULL- AND PART-TIME EMPLOYMENT

by Susan S. Holland\*

In the past 3 years employment has expanded more rapidly than at any time since World War II. Sharp employment gains and unemployment reductions among full-time workers and a decline in the number of workers on part time for economic reasons reflect fuller utilization of the Nation's labor supply. At the same time, however, these developments have reduced the supply of adult men available to fill job openings, and scattered labor shortages have emerged. In this situation, attention has been focused on the potential labor resources in the voluntary part-time work force.

Theoretically, employers could adapt to a tightening job market by hiring persons who normally prefer to work part time. However, as of the first quarter of 1966, most of the evidence indicated that this had not taken place. Part-time employment has continued to rise, but the growth since 1963 has been about in line with the uptrend of the past decade. The demand for labor has intensified sharply since the late summer of 1965, but this was not accompanied by a speedup in the growth rate of voluntary part-time employment. Moreover, part-time workers have not made significant inroads into the critical manufacturing and construction industries. Since 1963, most of the increase in part-time employment has taken place among teenagers in trade and service activities.

On the other hand, there is no evidence that part-time workers have been drawn into the full-time labor force. Nor is there any conclusive evidence that full-time jobs have been rescheduled to be filled by part-time workers. It appears that employers have been meeting their needs for full-time labor by hiring the unemployed and new labor force entrants and by extending the workweeks of part-time workers who wanted full-time work.

These are the major conclusions of a review of full-time and part-time employment trends during the current economic expansion. The more important specific findings of this study are summarized below.

1. The uptrend in full-time employment accelerated very sharply from 1963 to 1966. Over this 3-year period the number of workers employed full time in nonfarm industries rose by 4.9 million,<sup>1</sup> as contrasted with an increase of only 2.4 million during the 7-year period from 1956 to 1963. Full-time employment has been expanding at an annual rate of more than 3 percent since 1963, whereas from 1956 to 1963 it rose at an annual rate of less than 1 percent.

2. Voluntary part-time employment continued to advance from 1963 to 1966, expanding by 1.4 million. The annual growth rate was 6 percent during the past 3 years, only slightly more than the annual rate of 5 percent in the 1956-63 period. Part-time employment expanded rapidly between the first quarters of 1965 and 1966. However, on a seasonally adjusted basis, most of the increase took place in the early summer of 1965; since then the growth has been moderate.

3. The number of nonfarm workers restricted to short workweeks for economic reasons dropped by one-fourth in the last three years and is currently at the lowest

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<sup>1</sup>January-March averages are used throughout this article, unless otherwise specified.

level on record.<sup>2</sup> This reduction, which added about half a million workers to full-time employment, was an important source of additional labor input.

4. The spurt in full-time employment since 1963 has resulted in a very sharp cut in the number of unemployed persons seeking full-time jobs--from 4.1 million in early 1963 to 2.5 million in 1966. The jobless rate (not seasonally adjusted) fell from 6.6 to 4.0 percent. In contrast, the number of unemployed persons seeking part-time work remained virtually unchanged in the 1963-66 period. However, the increase in part-time employment has been sufficient to reduce slightly the unemployment rate for part-time workers in the past year.

Table 1. Persons Employed in Nonagricultural Industries, by Full- or Part-Time Status, First Quarter Averages 1956 and 1963-66

Full- or part-time status	1966	1965	1964	1963	1956
	(In thousands)				
Total employed.....	67,945	65,710	63,935	62,283	57,022
On full-time schedules.....	55,650	53,910	52,269	50,717	48,352
On part time for economic reasons...	1,645	1,958	2,099	2,207	1,815
On voluntary part time.....	8,371	7,586	7,437	7,013	4,963
With a job but not at work.....	2,277	2,255	2,132	2,346	1,892
	Year-to-year percent change				
	1965 to 1966	1964 to 1965	1963 to 1964	1956 to 1963 (average)	
Total employed.....	3.4	2.8	2.7	1.3	
On full-time schedules.....	3.2	3.1	3.1	0.7	
On part time for economic reasons...	-16.0	-6.7	-4.9	6.9	
On voluntary part time.....	10.3	2.0	6.0	5.1	
With a job but not at work.....	1.0	5.8	-9.1	4.4	

These and other findings are developed more fully in the following sections. However, at this point, it is appropriate to explain briefly the measurement of full- and part-time work. All persons who work 35 hours or more during the survey week are defined as full-time workers.<sup>3</sup> Also included in the full-time group are workers who are scheduled for full-time but who work less than 35 hours for temporary reasons, such as legal holidays, bad weather, or brief illness. Part-time workers are persons who are scheduled to work 1-34 hours during the survey week. The largest group of part-time workers are those regularly working less than 35 hours by choice. The other group of part-time workers are those who work less than 35 hours but desire full-time employment. The persons on part-time workweeks for

<sup>2</sup>Regular monthly data on full-time and part-time employment are not available prior to May 1955.

<sup>3</sup>Persons with a job, but not at work, will be indicated separately in the tables but will not be discussed in the article. Earlier studies indicate that the great majority of this group normally work full time, but current data on their usual hours are not available.

economic reasons are "underemployed," in the sense that they do not have as much work as they would like to have.

All of the 1956-66 employment increase--both full- and part-time--took place in the nonfarm industries. Farm jobs declined steadily (by a total of 2 million) during the decade, and almost all of the drop was among full-time workers. This article will focus on changes in full- and part-time work in the nonfarm sector.

### Full-Time Workers

A major factor in the recent employment upsurge has been a strong acceleration in full-time employment. From the mid-1950's to the early 1960's increases in full-time employment were small and irregular. Two recessions in this period actually reduced the number of full-time workers temporarily. The average annual growth in full-time employment between 1956 and 1963 was only 350,000 or 0.7 percent (table 1).

In contrast, full-time employment has climbed by almost 5 million in the past 3 years--twice the gain recorded in the entire 1956-63 period. Moreover, since 1963 the annual gain in full-time employment has averaged 1.6 million or 3 percent. Clearly then, the key factor in the 1963-66 employment rise has been the resurgence in full-time jobs. Full-time employment grew at a much faster rate in the past 3 years than in any other expansionary period since 1955. The tabulation below is based on a monthly compound interest formula and, therefore, provides a growth rate slightly different from that obtained by calculating annual percent changes. Nevertheless, it is obvious that full-time employment has risen more rapidly since April 1963 than it did either in the 1955-57 or the 1959-60 expansions.

Expansionary period	Annual Growth Rates of Full-Time Employment		
	Number of months	Increase (in thousands)	Annual growth rate (percent)
May 1955-September 1957.....	28	2,002	1.7
April 1959-July 1960.....	15	910	1.4
April 1963-March 1966.....	35	4,608	2.9

Age and Sex. The recent gains in full-time employment were distributed widely among the various age-sex groups. However, the increase for adult men, nearly 2.5 million, accounted for half of the 1963-66 pickup. In fact, full-time employment rose more than total employment for adult men. This was possible because of the 350,000 drop in the number of adult men on economic part time--almost all of whom moved into full-time employment. While men in all age groups benefited from the recent spurt in full-time, the largest proportionate increase took place among 20-24 year-olds. For these young men, full-time employment rose by 600,000 or 20 percent. There was also a small but important rise in full-time employment at the other end of the age scale. Between 1957 and 1963, the number of males age 65 and over on full-time schedules moved steadily downward, but the recent demand for full-time workers has been strong enough to reverse this long-term decline.

Adult women and teenagers also made substantial gains in full-time employment from 1963 to 1966. The increase for women, which totaled 2 million, was evident in every major age group. However, virtually all of the full-time job gain for teenagers (500,000) took place among 18-19 year-olds. Less than 10 percent of the employed 14-17 year-olds are full-time workers.



Table 2. Persons at Work in Nonagricultural Industries, by Full- or Part-Time Status, Age, and Sex, First Quarter Averages 1966  
(In thousands)

Age and sex	Full-time schedules	Economic part time	Voluntary part time	Change from 1963 to 1966		
				Full-time schedules	Economic part time	Voluntary part time
Total at work	55,650	1,646	8,373	4,934	-562	1,357
Males, 14 years and over.....	37,831	836	2,967	2,779	-366	628
14-17 years.....	141	35	1,155	36	8	281
18-19 years.....	909	50	531	290	-29	242
20-24 years.....	3,642	107	377	594	-44	68
25-44 years.....	18,327	311	215	716	-164	21
45-64 years.....	13,817	299	272	1,087	-119	4
65 years and over.....	996	34	417	56	-18	12
Females, 14 years and over.....	17,819	810	5,406	2,155	-196	731
14-17 years.....	86	14	936	-1	-11	220
18-19 years.....	930	64	361	180	14	102
20-24 years.....	2,624	99	375	565	-33	52
25-44 years.....	7,028	300	1,802	674	-82	136
45-64 years.....	6,678	305	1,552	642	-74	178
65 years and over.....	471	27	381	93	-11	45

Industry and Occupation. The accelerated growth in full-time employment since 1963 can be attributed mainly to the stronger demand for labor in the goods-producing industries. Construction and manufacturing contributed most of the additional employment increase in the past 3 years; these are industries where full-time workers predominate.

Full-time employment is most concentrated in occupations requiring the highest education and skill. Approximately 90 percent of all professional and managerial employees work full time, as do the great majority of skilled craftsmen. Nearly 90 percent of 10 semiskilled operatives are also full-time workers. A major part of the additional employment pickup in the last 3 years has taken place among skilled craftsmen and semiskilled operatives; the vast majority of these new jobs were full-time.

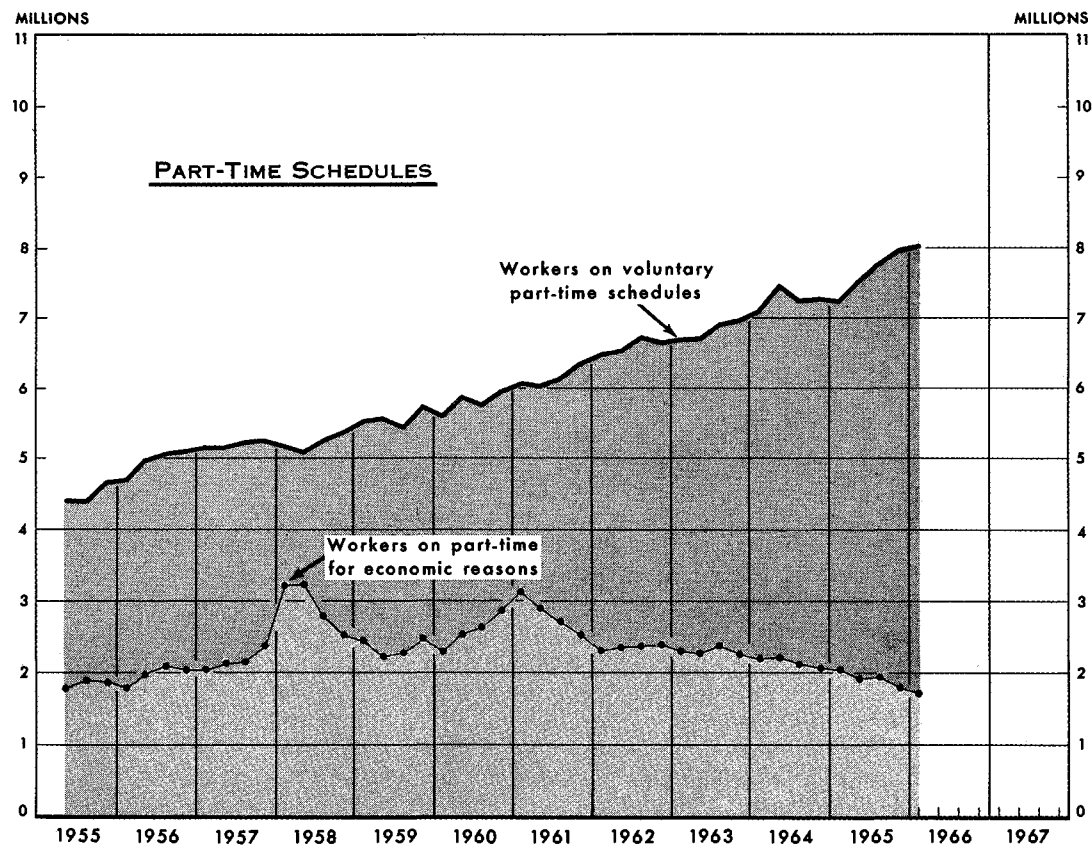
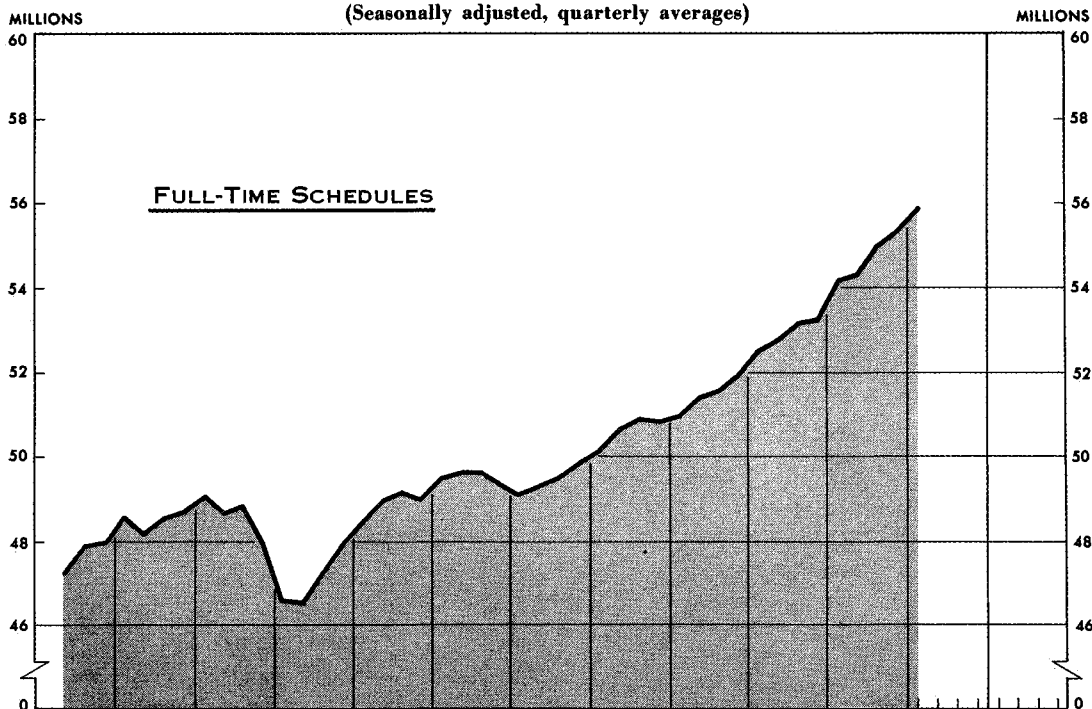
#### Voluntary Part-Time Workers

The number of persons in nonagricultural industries working less than 35 hours by choice rose from 5 million in 1956 to 7 million in 1963. The annual gain in this period averaged 300,000 (almost as large as the 350,000 increase for full-time work). The year-to-year gain in voluntary part time amounted to a phenomenal 5 percent; in contrast, full-time employment rose less than 1 percent a year. The large increase in voluntary part time over the 1956-63 period raised this component from 8.7 to 11.1 percent of total nonagricultural employment. On the other hand, full-time employment increased only slightly and, as the tabulation on the next page shows, fell as a proportion of nonagricultural employment.

Substantial increases in part-time employment have continued since 1963, but there has not been the marked acceleration that was evident in full-time employment. Voluntary part time grew by about 6 percent a year from 1963 to 1966, maintaining o

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

(Seasonally adjusted, quarterly averages)



Full- or part-time status	Nonagricultural Employment (Percent distribution)		
	1966	1963	1956
Employed, total.....	100.0	100.0	100.0
On full-time schedules.....	81.9	81.4	84.8
On part time for economic reasons.....	2.4	3.5	3.2
On part time for voluntary reasons....	12.3	11.3	8.7
With a job but not at work.....	3.4	3.8	3.3

perhaps slightly increasing its long-term growth rate. Although there was a sharp jump in part-time employment from early 1965 to early 1966 (800,000), it is unlikely that increases of that size will be maintained. Voluntary part time has moved up steadily throughout the postwar period, but, as chart A indicates, the short-run increases have been somewhat uneven. After rising sharply in early 1964, part-time employment declined slightly and then remained about level until mid-1965 when it moved upward very strongly.

Age and Sex. Throughout most of the postwar period, voluntary part-time workers have increased as a proportion of nonfarm employment, except among men in the central age groups. However, the recent advance in full-time employment has halted the rising proportion of part-time work in all age groups except teenagers. The number of teenagers on voluntary part time shot up from 2.1 million in 1963 to almost 3.0 million in 1966. Virtually all of the job gain for 14-17 year-olds was in part-time, and by early 1966 voluntary part time accounted for almost 90 percent of total employment in this age group. Part-time employment has also moved up sharply for 18-19 year-olds (especially boys) since 1963--reflecting the increased tendency of these young people to remain in school.

Adult women accounted for approximately 400,000 of the 1.4 million rise in voluntary part time from 1963 to 1966, with most of the increase coming in the 25-64 age category. On the other hand, among 20-24 year-old women and those age 65 and over, the rise was small and part-time actually declined as a proportion of total employment. These declines reversed long-term trends--underlining again the intensity of the demand for full-time workers. Women at the younger and older ends of the age scale, who are relatively freer of home and family responsibilities, have made the largest proportionate increases in full-time employment since 1963.

Very few adult men in the central age groups work less than 35 hours by choice. Less than 2 percent of the employed 25-64 year-old males are voluntary part-time workers; the proportion in this group remained constant from 1963 to 1966. There was a small increase in part-time employment for 20-24 year-old men. For men 65 and over, however, there has been virtually no increase in part time since 1963. The proportion of older men on part time showed a marked rise during the 1950's and early 1960's but has remained stable for the past 3 years.

Industry and Occupation. The long-run employment growth in the service-producing sector continued from 1963 to 1966. Approximately one-fifth of the wage and salary workers in trade and services regularly work part time by choice. These industries accounted for almost four-fifths of the 1.4 million rise in voluntary part-time employment since 1963.

Voluntary part-time work is most prevalent in the less skilled occupation groups. Over half of all private household workers are voluntarily on short workweeks. Total employment in this occupation has shown little change in the last few years and the number on part time has also remained constant. Approximately one-fourth of the employed salesworkers and service workers except domestics work part time by choice. These two occupations together accounted for about 500,000 of the 1963-66 pickup in voluntary part time. At the same time, part time rose sharply among

clerical workers (400,000) and unskilled laborers (100,000).

Between 1965 and 1966 voluntary part-time employment advanced by about 175,000 among semiskilled operatives. In the previous two years, total employment for operatives had moved up strongly but all of that gain was in full-time jobs. The recent part-time increase for operatives is the only development that suggests part-time workers are being utilized in traditionally full-time jobs. However, at the present time, it is difficult to determine whether this increase foreshadows a new trend or is merely a temporary phenomenon. There is little other evidence to indicate that part-time workers have made significant inroads in normally full-time employment. Since 1963, most of the increase in part-time employment has occurred in the trade and service industries and in the occupations where part-time workers historically have been most concentrated.

### Involuntary Part-Time Workers

The 1963-66 pickup in full-time employment was accompanied by a sharp drop in the number of persons on part time for economic reasons. This component of the employed, often referred to as underemployed, fluctuates sharply with changes in the business cycle. For example, during the 1958 and 1961 recessions more than 3 million nonagricultural workers were on economic part time. The number was down to 2.2 million by early 1963 and had fallen to 1,650,000 by the first quarter of 1966.

There are two major groups of economic part-time workers--both of roughly similar size. One group consists of persons who "usually work full time" but are limited to part time because of slack work, material shortages, or repairs to plant and equipment. Also included are regular full-time workers whose job ended or began during the survey week. Persons who "usually work full time" but are on part time for economic reasons are concentrated in manufacturing and construction; adult men account for more than half of this group.

The second group is those who "usually work part time" for economic reasons. This group consists primarily of persons who regularly work part time because they

Table 3. Number of Nonagricultural Workers on Part Time for Economic Reasons, by Usual Hours, Age, Sex and Color, First Quarter Averages 1963 and 1966 (In thousands)

Characteristics	1966			1963		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
<u>Age and sex</u>						
Total, all workers..	1,645	889	756	2,207	1,067	1,140
Men, 20 years and over.....	751	503	248	1,096	644	452
Women, 20 years and over.....	732	310	422	931	362	569
Both sexes, 14-19 years.....	163	76	87	181	62	119
<u>Color</u>						
Total, all workers..	1,645	889	756	2,207	1,067	1,140
White.....	1,188	734	454	1,594	900	694
Nonwhite.....	457	155	302	613	167	446

are unable to find full-time work. It also includes some people who used to work full time but have been on short hours for so long that they cannot say they usually work full time. Women and teenagers currently account for about two-thirds of the "usually work part time" group.

The number of persons working part time for economic reasons fell by about 550,000 or 25 percent between 1963 and 1966. This reduction reflected the increased demand for full-time manpower, particularly in the goods-producing industries. In the recovery period following the 1961 recession, more than half of the decrease in economic part time occurred among those "usually on full time." However, in the 1963-66 period, two-thirds of the drop was among "usually part-time" workers (table 3). The latter group, where women predominate, is normally slower to react to overall changes in the level of economic activity.

"Slack work" and "no full-time work available" are the reasons given by the vast majority of persons on economic part time. The number reporting these two reasons has dropped by about 30 percent since 1963. On the other hand, as the economy operates at higher levels of capacity, other reasons for economic part time become more prevalent. In the last 3 years there has been a small increase in the number of persons reporting short workweeks because of material shortages, repairs to plant and equipment, and the start or end of a job during the survey week.

Nonagricultural Workers on Economic Part Time  
(In thousands)

Reason	1966	1963	1963-66 change
Total, all reasons.....	1,645	2,207	-562
Slack work.....	781	1,104	-323
No full-time work available.....	604	882	-278
Material shortages, repairs, and job terminated or started.....	260	221	39

Negro workers, who are concentrated disproportionately among the unemployed, are even harder hit by underemployment.<sup>4</sup> In the first quarter of 1966, Negro workers made up 11 percent of the labor force, 21 percent of the unemployed, and 28 percent of those on economic part time. Negroes represent about one-sixth of the "usual full-time" workers, but they account for fully 40 percent of those on economic part time who "usually work part time." Since the latter group consists primarily of persons unable to find full-time work, it is an additional measure of the great disadvantage still facing Negro workers. The above proportions remained constant between 1963 and 1966.

The high proportion of Negro workers on short hours for economic reasons partly reflects their concentration in low-skilled jobs. Involuntary part time constitutes a relatively large part of total employment among domestics and unskilled laborers where Negro employment is disproportionately heavy. However, the proportion of Negro workers on economic part time is higher than for white workers in almost every major industry division. It is probable that underemployment is more

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<sup>4</sup>Statistics for all nonwhite persons are used to depict the employment situation for Negroes. Negroes represent about 92 percent of all nonwhites in the United States.

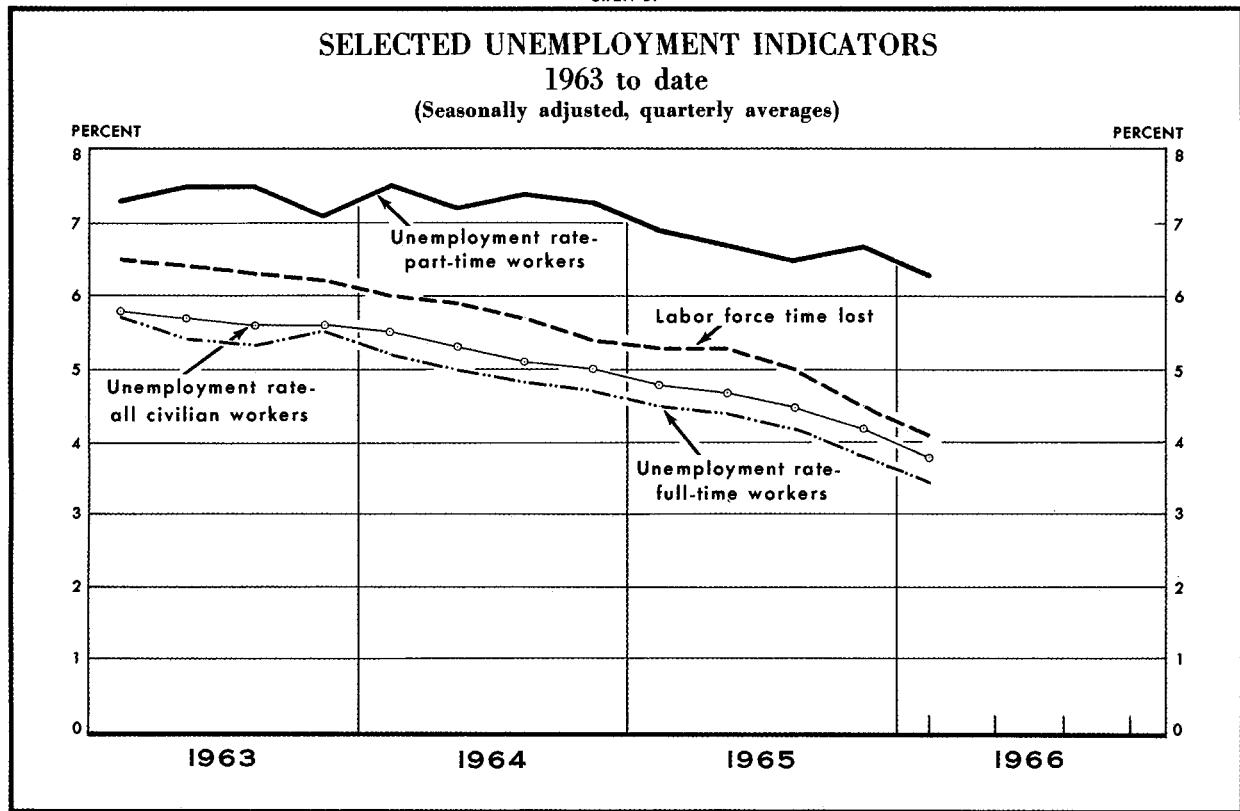
common among Negroes than whites at all skill levels.

### Unemployment Developments

The 1963-66 acceleration in full-time employment was reflected in a steady and substantial fall in the number of unemployed persons seeking full-time jobs. Full-time workers tend to benefit first from increased demands for labor because they are concentrated in the goods-producing industries where employment responds quickly to rising orders and production. However, during a sustained period of high employment demand, part-time workers also benefit. The unemployment rate for part-time workers (seasonally adjusted), which remained high and virtually unchanged during 1963 and 1964, has declined gradually, but unevenly, since late 1964.

Full-Time Workers. The number of unemployed persons seeking full-time jobs dropped by 1.6 million or nearly 40 percent between 1963 and 1966. Moreover, the decreased accelerated from about 400,000 per year in the 1963-65 period to 800,000 in the last year. The unemployment rate for full-time workers (seasonally adjusted) has moved sharply and steadily downward since 1963--closely paralleling the decline in the total unemployment rate (chart B). All of the drop in total unemployment in the past three years has taken place among persons seeking full-time work.

Chart B.



As would be expected, the unemployment rate for adult men was the first to respond to the increased pace of economic activity. It declined steadily from 5.9 percent in early 1963 to 3.3 percent in 1966 (not seasonally adjusted). The rate for adult women did not start down until 1964, but it has fallen consistently since then. On the other hand, full-time employment for teenagers was virtually unchanged from 1963 to 1965, and their jobless rate remained close to 20 percent. However, there was a strong advance in full-time employment for 14-19 year-olds in the past year,

and the unemployment rate was cut to 14 percent (table 4). The full-time rate for adult men, which began to decline before the rates for women and teenagers, showed the largest relative improvement in the 1963-66 period. However, as the available pool of unemployed adult men dwindled, employers turned increasingly to adult women and teenagers, and the full-time unemployment rates for these two groups improved markedly.

Table 4. Unemployment Rates for Full- and Part-Time Workers,  
First Quarter Averages 1963-66

Age and sex	1966	1965	1964	1963 <sup>1/</sup>
<u>Full time</u>				
Total unemployed (in thousands).	2,546	3,358	3,791	4,128
Rate.....	<u>3.9</u>	<u>5.2</u>	<u>6.0</u>	<u>6.6</u>
Men, 20 years and over.....	3.3	4.4	5.1	5.9
Women, 20 years and over.....	4.0	5.2	6.3	6.1
Both sexes, 14-19 years.....	13.7	19.1	19.8	21.6
<u>Part time</u>				
Total unemployed (in thousands).	615	626	673	635
Rate.....	<u>6.2</u>	<u>6.8</u>	<u>7.4</u>	<u>7.2</u>
Men, 20 years and over.....	<u>5.3</u>	<u>5.9</u>	<u>7.8</u>	<u>8.6</u>
Women, 20 years and over.....	3.8	4.7	4.8	4.6
Both sexes, 14-19 years.....	9.6	10.5	10.8	10.4

<sup>1/</sup> Part-time data are February-March averages.

Part-Time Workers. The expansion in part-time employment since 1963 has been sufficient to keep pace with labor force growth but was not large enough to reduce unemployment. The number of unemployed persons seeking part-time jobs has fluctuated between 600,000 and 700,000, while the number looking for full-time has dropped substantially. As a result, part-time jobseekers rose from 13 percent of all unemployed persons in 1963 to 19 percent in 1966. The uptrend in the proportion seeking part-time jobs, evident throughout the postwar period, has accelerated since 1963, along with the sharp rise in the number of young workers in the population.

Although part-time unemployment has remained about constant since 1963, the large employment increase resulted in a slight reduction in the unemployment rate. Throughout 1963 and 1964, the seasonally adjusted rate for part-time workers remained above 7 percent. However, it began to move downward unevenly in early 1965 and reached 6.3 percent by the first quarter of 1966.

Adult women and teenagers together represent more than four-fifths of the part-time labor force and they accounted for most of the past year's drop in the part-time unemployment rate. In early 1966, there were less than 1.7 million adult men in the part-time labor force and only 90,000 of them were unemployed. Therefore, although the part-time unemployment rate for men is higher than the full-time rate, it represents only a small number of workers. On the other hand, 350,000 or nearly half of the unemployed teenagers in 1966 were looking for part-time jobs. While the rate for teenagers seeking part-time work declined slightly in 1966, it was still about twice as high as the part-time rate for adults. Approximately 175,000 unemployed adult women were looking for part-time work in 1966, and their rate was below 4 percent for the first time.

From 1963 to 1965, the unemployment rates for women and teenagers seeking part-time work were substantially lower than their respective full-time rates. Although this relationship still obtains today, the recent upsurge in full-time jobs has reduced markedly the difference between the full- and part-time unemployment rates for the two groups. In fact, for adult women, the two rates were very nearly equal in early 1966.

Labor Force Time Lost. In order to assess how well the Nation's available manpower is being utilized, it is necessary to consider the joint impact of unemployment and involuntary part-time employment. "Labor force time lost" provides such a comprehensive measure of manhours unutilized; it is expressed as a percent of manhours available. In computing labor force time lost it is assumed that: 1) unemployed persons looking for full-time work lost an average of 37.5 hours, 2) those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers, and 3) persons on part time for economic reasons lost the difference between 37.5 hours and the number of hours they actually worked. In effect, this ratio measures the extent to which the Nation's labor force is being underutilized--in terms of manhours, not individuals. On the other hand, the unemployment rate is simply the number of unemployed persons (no distinction being made between those seeking full-time and those seeking part-time jobs) divided by the civilian labor force.

Labor force time lost has declined steadily since early 1963 and has gradually moved closer to the total unemployment rate (chart B). In the past, labor force time lost had remained above the unemployment rate because the hours lost by workers on economic part time more than offset the lesser weight carried by persons seeking part-time work.<sup>5</sup> However, with the accelerated decline in economic part-time work and the increasing proportion of part-time jobseekers among the unemployed, the difference between the two series has narrowed significantly. If these trends continue, labor force time lost could move below the unemployment rate.

Labor force time lost fell from 7.3 percent in 1963 to 4.6 percent in 1966. The corollary of this movement was an increase in the proportion of manhours utilized from 92.7 to 95.4 percent. By disaggregating labor force time lost, it is possible to estimate how much of the 1963-66 improvement was attributable to each of the various components. Not surprisingly, the greatest part of the improvement (about 70 percent) came from the sharp drop in the number of persons seeking full-time jobs. Another 17 percent was attributable to the employment increase, and about 12 percent was due to the reduction in economic part time. The small changes in the number seeking part-time employment and in average hours worked had virtually no impact on labor force time lost.

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<sup>5</sup>Manhours lost by persons on economic part time (not included in the unemployment rate) operate to increase labor force time lost relative to the unemployment rate. On the other hand, part-time jobseekers have less weight in labor force time lost than in the unemployment rate, and this operates to lower labor force time lost relative to the jobless rate.



Chart 1.

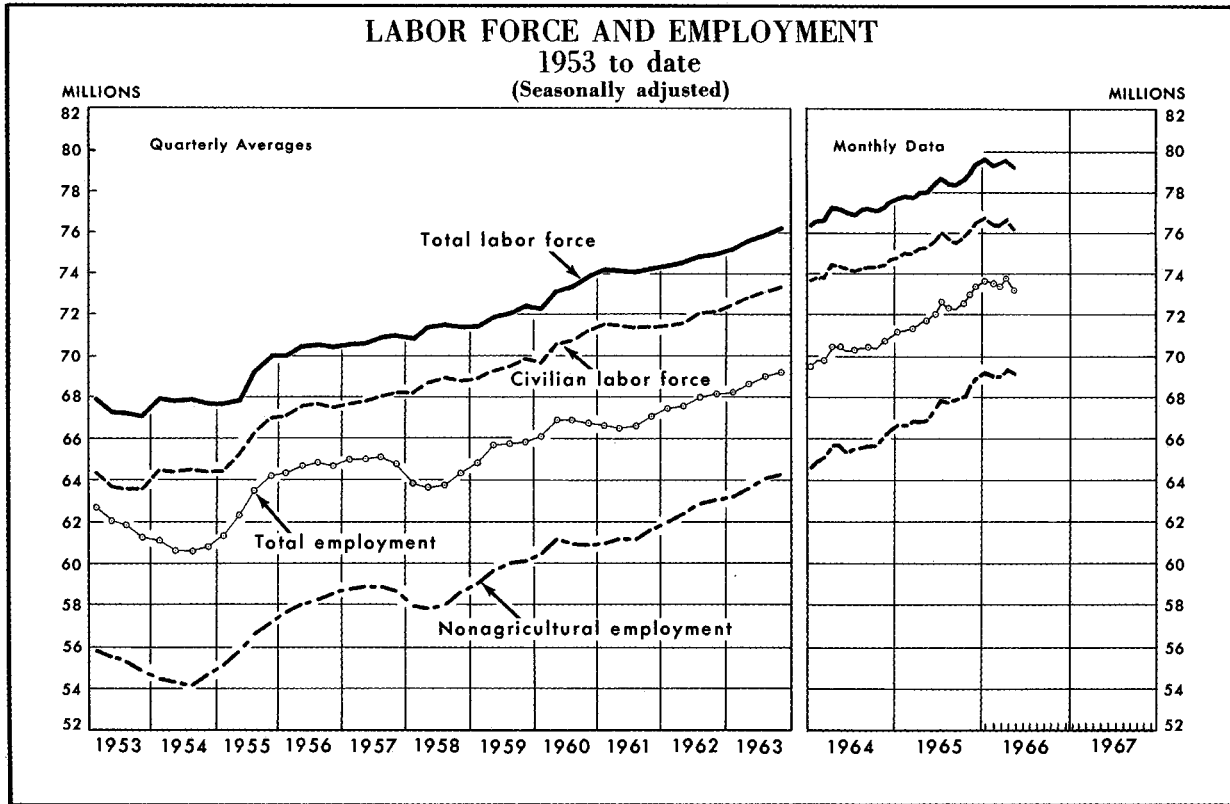


Chart 2.

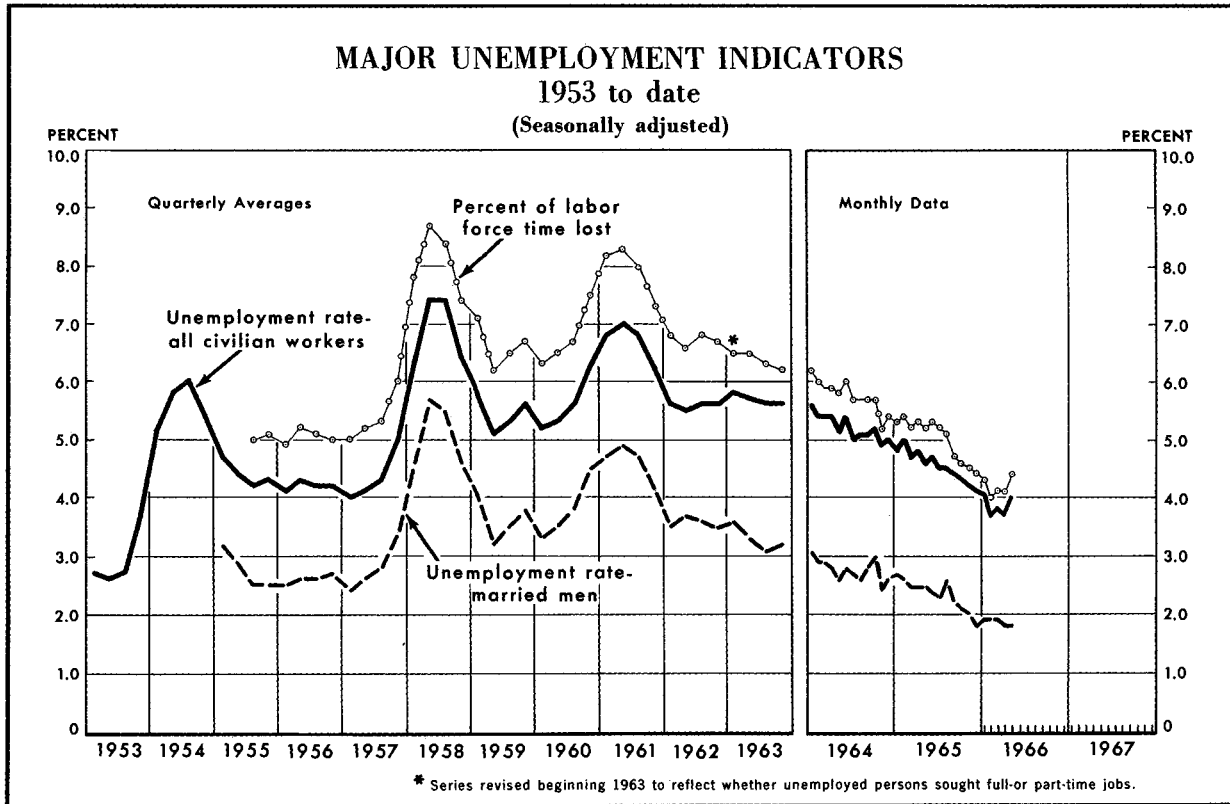


Chart 3.

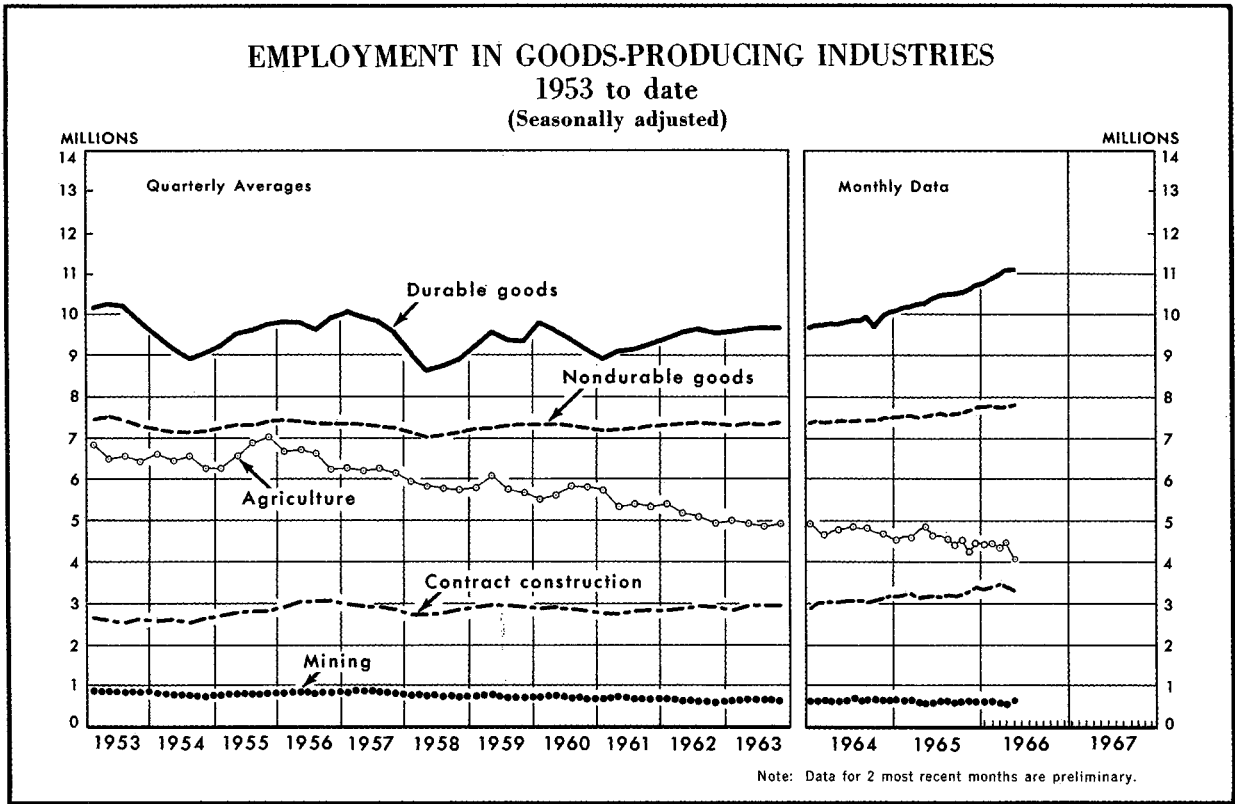


Chart 4.

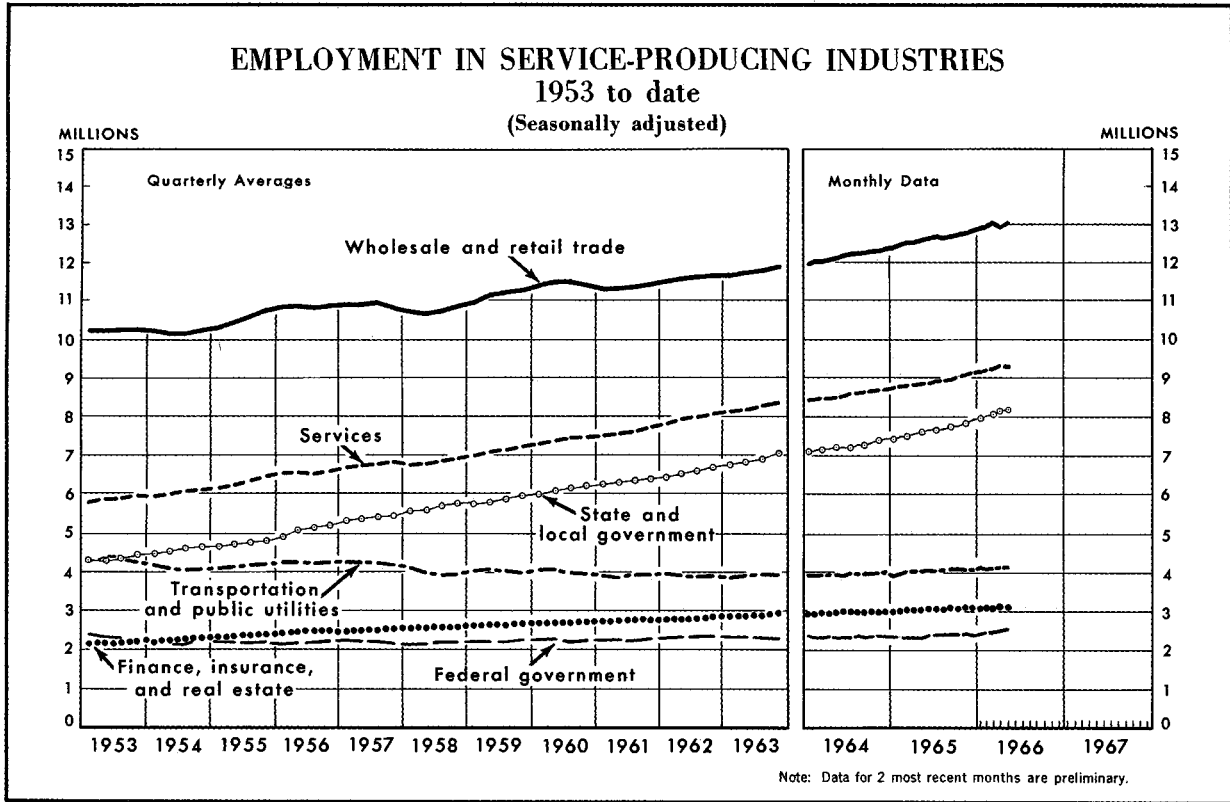


Chart 5.

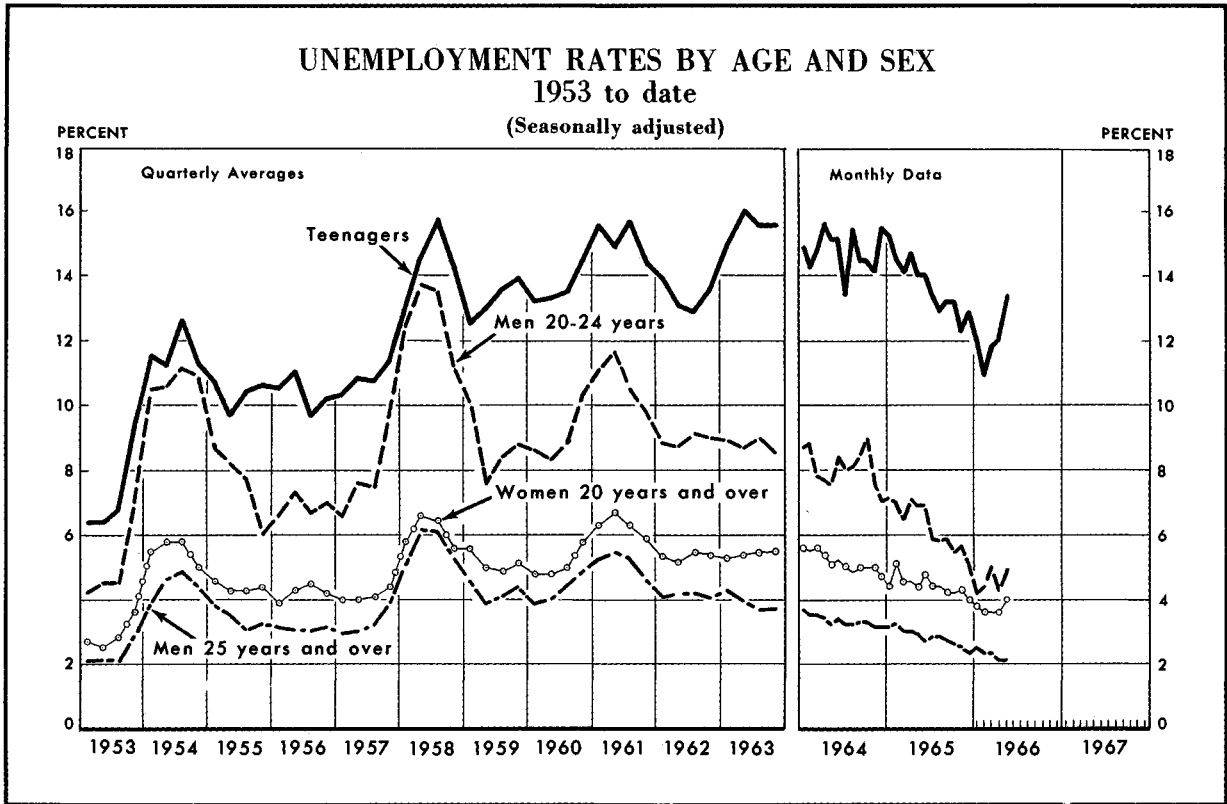


Chart 6.

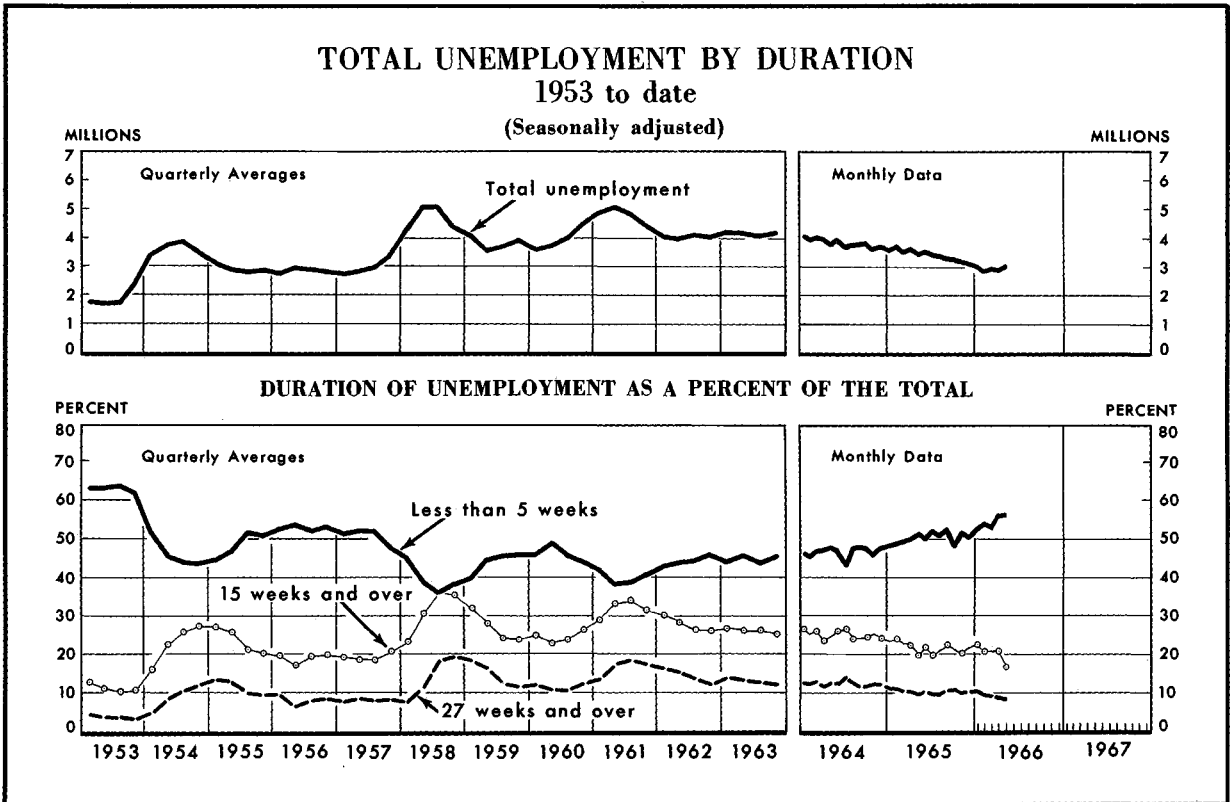


Chart 7.

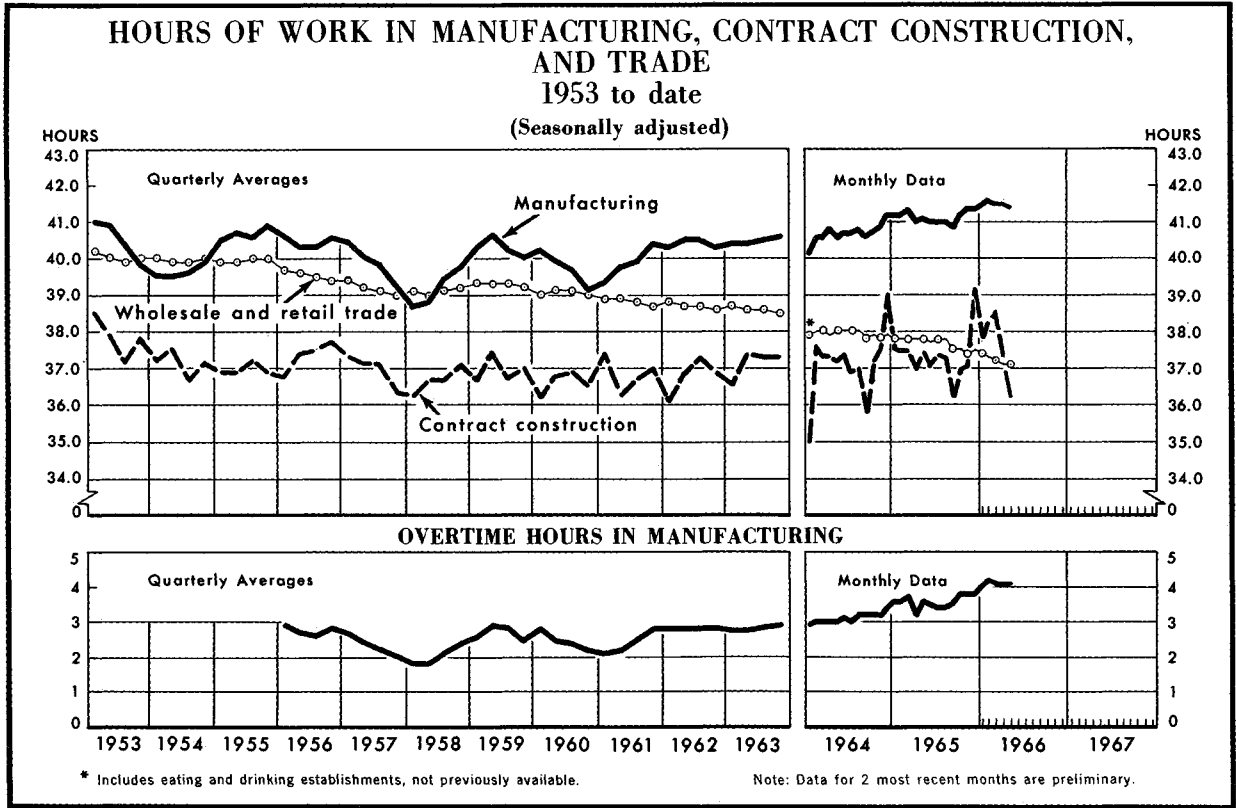
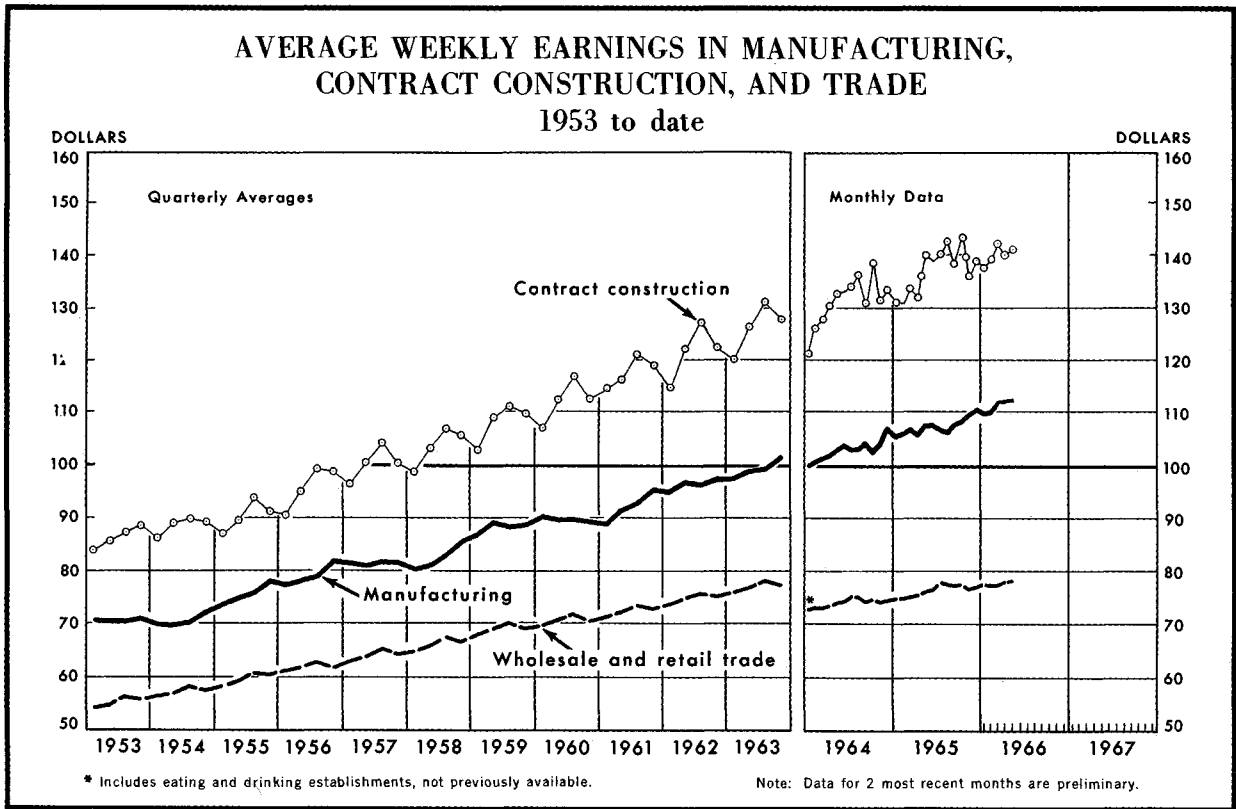
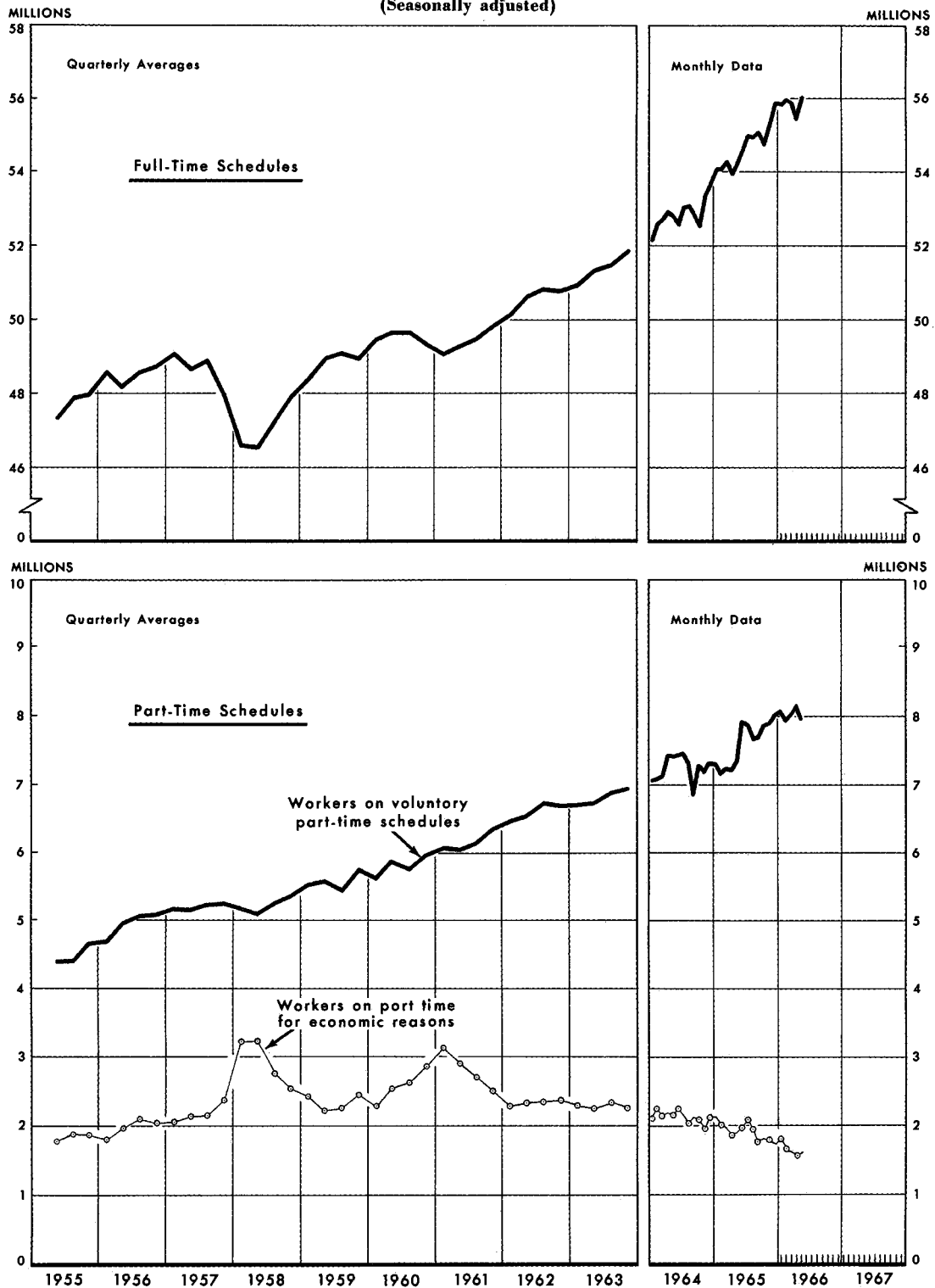


Chart 8.



**PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES  
BY FULL- AND PART-TIME STATUS  
1955 to date  
(Seasonally adjusted)**





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	3.3	-	46,092
1952.....	113,270	66,560	58.8	62,966	61,035	6,792	54,243	1,932	3.1	-	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	71,854	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: May.....	135,982	78,425	57.7	75,741	72,407	5,128	67,278	3,335	4.4	4.6	57,556
September...	136,670	78,044	57.1	75,321	72,446	4,778	67,668	2,875	3.8	4.4	58,626
October.....	136,862	78,713	57.5	75,953	73,196	4,954	68,242	2,757	3.6	4.3	58,149
November....	137,043	78,598	57.4	75,803	72,837	4,128	68,709	2,966	3.9	4.2	58,445
December....	137,226	78,477	57.2	75,636	72,749	3,645	69,103	2,888	3.8	4.1	58,749
1966: January....	137,394	77,409	56.3	74,519	71,229	3,577	67,652	3,290	4.4	4.0	59,985
February....	137,562	77,632	56.4	74,708	71,551	3,612	67,939	3,158	4.2	3.7	59,930
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

<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>			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
<b>MALE</b>											
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	45,460	35,110	7,020	28,090	350	1.0	-	5,310
1947.....	53,085	44,844	84.5	43,272	34,677	6,953	34,725	1,595	3.7	-	8,242
1948.....	53,513	45,300	84.7	43,858	34,268	6,623	35,645	1,590	3.6	-	8,213
1949.....	54,028	45,674	84.5	44,075	34,473	6,629	34,844	2,602	5.9	-	8,354
1950.....	54,526	46,069	84.5	44,442	34,162	6,271	35,891	2,280	5.1	-	8,457
1951.....	54,996	46,674	84.9	43,612	34,362	5,791	36,571	1,250	2.9	-	8,322
1952.....	55,503	47,001	84.7	43,454	34,237	5,623	36,614	1,217	2.8	-	8,502
1953 <sup>2</sup> .....	56,534	47,692	84.4	44,194	34,966	5,496	37,470	1,228	2.8	-	8,840
1954.....	57,016	47,847	83.9	44,537	34,165	5,429	36,736	2,372	5.3	-	9,169
1955.....	57,484	48,054	83.6	45,041	34,152	5,479	37,673	1,889	4.2	-	9,430
1956.....	58,044	48,579	83.7	45,756	34,999	5,268	38,731	1,757	3.8	-	9,465
1957.....	58,813	48,649	82.7	45,882	34,990	5,037	38,952	1,893	4.1	-	10,164
1958.....	59,478	48,802	82.1	46,197	34,042	4,802	38,240	3,155	6.8	-	10,677
1959.....	60,100	49,081	81.7	46,562	34,089	4,749	39,340	2,473	5.3	-	11,019
1960 <sup>3</sup> .....	61,000	49,507	81.2	47,025	34,485	4,678	39,807	2,541	5.4	-	11,493
1961.....	62,147	49,918	80.3	47,378	34,318	4,508	39,811	3,060	6.5	-	12,229
1962 <sup>4</sup> .....	63,234	50,175	79.3	47,380	34,892	4,266	40,626	2,488	5.3	-	13,059
1963.....	64,163	50,573	78.8	47,867	34,330	4,021	41,309	2,537	5.3	-	13,590
1964.....	65,065	51,118	78.6	48,410	34,139	3,884	42,255	2,271	4.7	-	13,947
1965.....	66,027	51,705	78.3	49,014	34,034	3,729	43,304	1,980	4.0	-	14,322
1965: May.....	65,893	51,908	78.8	49,255	34,314	4,098	43,216	1,941	3.9	4.2	13,985
September.....	66,235	51,398	77.6	48,706	34,199	3,763	43,436	1,507	3.1	3.9	14,837
October.....	66,323	51,481	77.6	48,753	34,290	3,835	43,456	1,462	3.0	3.9	14,842
November.....	66,406	51,200	77.1	48,438	34,910	3,351	43,559	1,528	3.2	3.6	15,205
December.....	66,489	51,148	76.9	48,340	34,615	3,106	43,509	1,726	3.6	3.5	15,340
1966: January.....	66,563	50,778	76.3	47,922	34,959	3,069	42,890	1,963	4.1	3.4	15,785
February.....	66,638	50,911	76.4	48,021	34,112	3,098	43,014	1,909	4.0	3.2	15,727
March.....	66,718	51,180	76.7	48,240	34,393	3,225	43,168	1,847	3.8	3.4	15,539
April.....	66,792	51,748	77.5	48,773	34,217	3,533	43,684	1,556	3.2	3.1	15,044
May.....	66,879	52,135	78.0	49,123	34,586	3,496	44,090	1,537	3.1	3.3	14,744
<b>FEMALE</b>											
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	19,170	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	15,561	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: May.....	70,089	26,517	37.8	26,486	25,093	1,031	24,062	1,393	5.3	5.4	43,572
September.....	70,434	26,646	37.8	26,615	25,246	1,015	24,232	1,368	5.1	5.3	43,788
October.....	70,538	27,231	38.6	27,200	25,905	1,119	24,786	1,295	4.8	5.2	43,306
November.....	70,638	27,398	38.8	27,365	25,926	777	25,149	1,438	5.3	5.4	43,240
December.....	70,737	27,329	38.6	27,296	26,134	539	25,595	1,162	4.3	5.1	43,408
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

<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		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
Total	138,100	137,908	135,982	66,879	66,792	65,893	71,221	71,117	70,089
Total labor force	79,751	78,914	78,425	52,135	51,748	51,908	27,617	27,166	26,517
Civilian labor force	76,706	75,906	75,741	49,123	48,773	49,255	27,584	27,133	26,486
Employed	73,764	73,105	72,407	47,586	47,217	47,314	26,179	25,888	25,093
Agriculture	4,292	4,204	5,128	3,496	3,533	4,098	797	671	1,031
Nonagricultural industries	69,472	68,900	67,278	44,090	43,684	43,216	25,382	25,216	24,062
Unemployed	2,942	2,802	3,335	1,537	1,556	1,941	1,405	1,245	1,393
Unemployment rate	3.8	3.7	4.4	3.1	3.2	3.9	5.1	4.6	5.3
Not in the labor force	58,349	58,994	57,556	14,744	15,044	13,985	43,604	43,950	43,572
<b>WHITE</b>									
Total labor force	71,020	70,179	69,846	46,983	46,581	46,775	24,036	23,597	23,072
Civilian labor force	68,233	67,428	67,389	44,227	43,861	44,346	24,005	23,566	23,044
Employed	65,868	65,190	64,637	42,981	42,596	42,717	22,887	22,594	21,920
Agriculture	3,789	3,720	4,433	3,124	3,155	3,602	665	565	832
Nonagricultural industries	62,078	61,470	60,204	39,857	39,441	39,116	22,222	22,029	21,088
Unemployed	2,365	2,238	2,752	1,247	1,265	1,628	1,119	972	1,124
Unemployment rate	3.5	3.3	4.1	2.8	2.9	3.7	4.7	4.1	4.9
Not in the labor force	52,391	53,067	51,759	12,966	13,292	12,334	39,424	39,774	39,424
<b>NONWHITE</b>									
Total labor force	8,733	8,735	8,579	5,151	5,165	5,135	3,581	3,570	3,446
Civilian labor force	8,474	8,478	8,352	4,895	4,911	4,910	3,578	3,567	3,443
Employed	7,897	7,915	7,770	4,605	4,620	4,596	3,292	3,294	3,173
Agriculture	503	485	695	372	378	496	131	107	199
Nonagricultural industries	7,394	7,430	7,075	4,233	4,242	4,100	3,161	3,187	2,974
Unemployed	577	564	583	290	291	313	286	273	269
Unemployment rate	6.8	6.7	7.0	5.9	5.9	6.4	8.0	7.7	7.8
Not in the labor force	5,958	5,928	5,798	1,778	1,751	1,650	4,180	4,176	4,147

**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		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
<b>FULL TIME</b>												
Civilian labor force	65,750	65,395	65,282	42,993	42,936	43,307	19,601	19,420	19,056	3,156	3,039	2,919
Employed:												
Full-time schedules <sup>1</sup>	61,780	61,423	60,555	41,379	41,114	41,079	18,133	18,003	17,432	2,268	2,306	2,044
Part-time for economic reasons	1,667	1,684	1,998	743	794	971	735	716	836	189	174	191
Unemployed, looking for full-time work	2,303	2,288	2,729	871	1,028	1,257	733	701	788	699	559	684
Unemployment rate	3.5	3.5	4.4	2.0	2.4	2.9	3.7	3.6	4.1	22.1	18.4	23.4
<b>PART TIME</b>												
Civilian labor force	10,957	10,511	10,459	1,782	1,748	1,770	4,919	4,828	4,768	4,256	3,935	3,921
Employed (voluntary part time) <sup>1</sup>	10,318	9,998	9,854	1,711	1,674	1,707	4,772	4,691	4,616	3,835	3,633	3,531
Unemployed, looking for part-time work	639	513	605	71	74	63	147	137	152	421	302	390
Unemployment rate	5.8	4.9	5.8	4.0	4.2	3.6	3.0	2.8	3.2	9.9	7.7	9.9

<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		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
Total . . . . .	2,942	2,802	3,335	3.8	3.7	4.4	100.0	100.0	100.0
Male . . . . .	1,537	1,556	1,941	3.1	3.2	3.9	52.2	55.6	58.2
14 to 19 years . . . . .	596	454	621	13.7	11.1	14.9	20.2	16.2	18.6
14 and 15 years . . . . .	99	57	86	11.7	8.1	10.1	3.4	2.0	2.6
16 to 19 years . . . . .	496	397	535	14.2	11.7	16.1	16.9	14.2	16.0
20 years and over . . . . .	941	1,102	1,320	2.1	2.5	2.9	32.0	39.3	39.6
20 to 24 years . . . . .	201	207	293	4.3	4.4	6.0	6.8	7.4	8.8
25 years and over . . . . .	740	895	1,027	1.8	2.2	2.6	25.2	32.0	30.8
25 to 34 years . . . . .	187	252	245	1.9	2.5	2.5	6.4	9.0	7.3
35 to 44 years . . . . .	161	196	303	1.5	1.8	2.7	5.5	7.0	9.1
45 to 54 years . . . . .	159	192	228	1.6	1.9	2.3	5.4	6.9	6.8
55 to 64 years . . . . .	183	190	183	2.7	2.8	2.7	6.2	6.8	5.5
65 years and over . . . . .	51	65	69	2.5	3.1	3.1	1.7	2.3	2.1
Female . . . . .	1,405	1,245	1,393	5.1	4.6	5.3	47.8	44.4	41.8
14 to 19 years . . . . .	525	407	453	17.1	14.1	17.0	17.8	14.5	13.6
14 and 15 years . . . . .	49	16	34	11.1	4.1	8.9	1.7	.6	1.0
16 to 19 years . . . . .	476	391	419	18.2	15.7	18.4	16.2	14.0	12.6
20 years and over . . . . .	880	838	940	3.6	3.5	3.9	29.9	29.9	28.2
20 to 24 years . . . . .	214	204	237	6.0	5.8	7.1	7.3	7.3	7.1
25 years and over . . . . .	666	634	703	3.2	3.1	3.4	22.7	22.6	21.1
25 to 34 years . . . . .	201	172	193	4.5	3.9	4.5	6.8	6.1	5.8
35 to 44 years . . . . .	180	214	223	3.1	3.7	3.9	6.1	7.6	6.7
45 to 54 years . . . . .	184	152	177	3.1	2.6	3.1	6.3	5.4	5.3
55 to 64 years . . . . .	85	76	79	2.3	2.1	2.2	2.9	2.7	2.4
65 years and over . . . . .	17	20	32	1.8	2.0	3.1	.6	.7	1.0

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

Industry	Unemployment rate			Percent distribution		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
Total . . . . .	3.8	3.7	4.4	100.0	100.0	100.0
Experienced wage and salary workers . . . . .	3.2	3.4	3.9	72.8	79.1	74.8
Agriculture . . . . .	6.2	6.7	5.2	3.0	3.3	2.6
Nonagricultural industries . . . . .	3.2	3.3	3.9	69.8	75.8	72.2
Mining, forestry, fisheries . . . . .	3.3	2.9	6.0	.7	.6	1.0
Construction . . . . .	5.7	8.1	7.7	8.0	11.6	9.5
Manufacturing . . . . .	3.0	3.0	3.9	21.1	22.0	22.8
Durable goods . . . . .	2.4	2.2	3.2	9.6	9.3	10.7
Primary metal industries . . . . .	1.2	1.6	1.9	.6	.8	.8
Fabricated metal products . . . . .	3.7	2.0	2.7	1.9	1.1	1.2
Machinery . . . . .	2.0	1.9	2.6	1.4	1.4	1.5
Electrical equipment . . . . .	2.4	1.9	3.6	1.6	1.2	1.8
Transportation equipment . . . . .	1.9	1.3	3.1	1.4	1.1	2.0
Motor vehicles and equipment . . . . .	1.3	1.3	1.6	.4	.5	.5
All other transportation equipment . . . . .	2.4	1.4	4.7	1.0	.6	1.5
Other durable goods industries . . . . .	2.9	3.9	4.4	4.4	3.7	3.4
Nondurable goods . . . . .	4.0	4.2	4.8	11.6	12.7	12.1
Food and kindred products . . . . .	5.2	4.5	5.0	3.2	2.9	2.7
Textile mill products . . . . .	3.4	3.0	3.8	1.2	1.1	1.2
Apparel and other finished textile products . . . . .	6.4	8.9	9.3	3.2	4.8	3.9
Other nondurable goods industries . . . . .	2.8	2.6	3.5	4.0	3.9	4.3
Transportation and public utilities . . . . .	1.7	2.2	2.1	2.7	3.6	2.8
Railroads and railway express . . . . .	1.7	1.9	1.9	.4	.5	.5
Other transportation . . . . .	2.2	2.6	2.7	1.4	1.7	1.4
Communication and other public utilities . . . . .	1.3	1.9	1.5	.9	1.4	.9
Wholesale and retail trade . . . . .	4.5	4.3	5.0	18.0	18.1	17.4
Finance, insurance, and real estate . . . . .	2.0	1.8	1.6	2.0	2.0	1.4
Service industries . . . . .	2.8	2.7	3.2	15.5	15.2	14.6
Professional services . . . . .	1.8	1.4	2.2	5.8	5.0	5.9
All other service industries . . . . .	4.3	4.6	4.5	9.7	10.3	8.7
Public administration . . . . .	1.4	1.8	2.3	1.9	2.5	2.5
Self-employed and unpaid family workers . . . . .	.7	.8	.9	2.3	2.6	2.8
No previous work experience . . . . .	-	-	-	24.9	18.3	22.4
14 to 19 years . . . . .	-	-	-	21.5	15.1	19.4
20 years and over . . . . .	-	-	-	3.4	3.2	3.0

# HOUSEHOLD DATA

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

Occupation	Unemployment rate			Percent distribution		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
Total	3.8	3.7	4.4	100.0	100.0	100.0
White-collar workers	1.8	1.8	2.1	20.6	21.7	20.7
Professional and technical	.9	.9	1.3	2.8	3.0	3.5
Managers, officials, and proprietors	1.1	1.1	.9	2.7	2.9	2.1
Clerical workers	2.5	2.5	3.1	10.1	10.7	10.5
Sales workers	2.9	2.9	3.2	4.9	5.1	4.6
Blue-collar workers	3.9	4.2	4.9	37.0	41.5	40.9
Craftsmen and foremen	2.2	2.8	3.5	7.5	9.7	9.7
Operatives	4.4	4.3	5.5	21.4	21.9	23.3
Nonfarm laborers	6.0	7.1	6.1	8.2	9.9	7.9
Service workers	4.3	4.3	4.6	14.7	15.2	13.6
Private household workers	2.9	3.2	2.8	2.3	2.5	1.9
Other service workers	4.7	4.6	5.2	12.4	12.7	11.6
Farm workers	2.1	2.3	1.7	2.9	3.2	2.5
Farmers and farm managers	.5	.5	.1	.4	.4	.1
Farm laborers and foremen	4.0	4.5	3.3	2.5	2.9	2.4
No previous work experience	-	-	-	24.9	18.4	22.4

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

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
<b>MARITAL STATUS</b>									
Total	2,942	2,802	3,335	3.8	3.7	4.4	100.0	100.0	100.0
Male	1,537	1,556	1,941	3.1	3.2	3.9	52.2	55.6	58.2
Married, wife present	573	709	807	1.5	1.9	2.1	19.5	25.3	24.2
Single	862	739	952	9.8	8.7	10.6	29.3	26.4	28.5
14 to 19 years	585	443	602	14.1	11.5	15.1	19.9	15.8	18.1
20 years and over	277	296	350	5.9	6.4	6.9	9.4	10.6	10.5
Other marital status	102	108	183	3.9	4.4	6.9	3.5	3.9	5.5
Female	1,405	1,245	1,393	5.1	4.6	5.3	47.8	44.4	41.8
Married, husband present	509	504	585	3.3	3.3	3.9	17.3	18.0	17.5
Single	628	492	563	9.6	7.7	9.1	21.3	17.6	16.9
14 to 19 years	480	353	416	17.8	14.0	17.5	16.3	12.6	12.5
20 years and over	148	139	147	3.8	3.6	3.8	5.0	5.0	4.4
Other marital status	268	249	245	4.8	4.4	4.6	9.1	8.9	7.3
<b>HOUSEHOLD RELATIONSHIP</b>									
Total	2,942	2,802	3,335	3.8	3.7	4.4	100.0	100.0	100.0
Household head	871	1,017	1,141	1.9	2.2	2.5	29.6	36.3	34.2
Living with relatives	702	831	901	1.7	2.0	2.2	23.9	29.7	27.0
Not living with relatives	168	185	239	3.1	3.4	4.4	5.7	6.6	7.2
Wife of head	500	494	568	3.3	3.3	3.9	17.0	17.6	17.0
Other relative of head	1,506	1,224	1,578	10.8	9.1	11.3	51.2	43.7	47.3
Non-relative of head	65	68	49	5.0	5.4	3.5	2.2	2.4	1.5

**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		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
<b>IN SCHOOL</b>									
Civilian labor force	3,855	3,382	3,582	3,531	3,072	3,329	331	311	254
Employed	3,090	2,867	2,820	2,862	2,619	2,634	234	248	187
Unemployed	765	515	762	669	453	695	97	63	67
Unemployment rate	19.8	15.2	21.3	18.9	14.7	20.9	29.3	20.3	26.4
Not in the labor force	7,210	7,203	6,803	6,254	6,261	5,917	954	943	886
<b>NOT IN SCHOOL</b>									
Civilian labor force	5,176	5,424	5,248	4,456	4,714	4,509	718	712	741
Employed	4,782	4,958	4,834	4,184	4,379	4,200	597	580	633
Unemployed	394	466	414	272	335	309	121	132	108
Unemployment rate	7.6	8.6	7.9	6.1	7.1	6.9	16.9	18.5	14.6
Not in the labor force	1,999	2,293	2,243	1,676	1,965	1,890	325	327	351

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

# HOUSEHOLD DATA

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

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965		May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
<b>Total</b> . . . . .	<b>2,942</b>	<b>2,802</b>	<b>3,335</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>Total</b> . . . . .	<b>2,942</b>	<b>2,802</b>	<b>3,335</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than 5 weeks . . . . .	1,651	1,448	1,688	56.1	51.7	50.6	Persons on temporary layoff . . . . .	54	93	79	1.8	3.3	2.4
5 to 14 weeks . . . . .	689	574	842	23.4	20.5	25.3							
5 and 6 weeks . . . . .	237	138	266	8.1	4.9	8.0							
7 to 10 weeks . . . . .	315	226	390	10.7	8.1	11.7							
11 to 14 weeks . . . . .	137	209	187	4.7	7.5	5.6							
15 weeks and over . . . . .	602	779	804	20.5	27.8	24.1	Persons scheduled to begin new jobs within 30 days.	128	130	123	4.4	4.6	3.7
15 to 26 weeks . . . . .	307	482	442	10.4	17.2	13.2							
27 weeks and over . . . . .	295	297	363	10.0	10.6	10.9							
Average (mean) duration . . .	10.8	12.3	12.0	-	-	-	All other unemployed . . .	2,760	2,579	3,133	93.8	92.0	93.9

**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		
	May 1966	May 1965	May 1966	May 1965	May 1966	May 1965	May 1966	May 1965	
<b>INDUSTRY</b>									
<b>Total</b> . . . . .	<b>20.5</b>	<b>24.1</b>	<b>100.0</b>	<b>100.0</b>	<b>10.0</b>	<b>10.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Experienced wage and salary workers . . . . .	21.8	27.1	77.6	84.3	10.3	11.5	74.6	79.3	86.0
Agriculture . . . . .	(1)	(1)	4.6	.6	(1)	(1)	1.7	1.1	1.8
Nonagricultural industries . . . . .	21.4	27.9	73.0	83.7	10.5	11.8	72.9	78.2	84.2
Mining, forestry, fisheries . . . . .	(1)	(1)	2.0	1.1	(1)	(1)	2.4	2.2	.8
Construction . . . . .	26.0	26.4	10.1	10.4	7.7	4.1	6.1	3.6	5.4
Manufacturing . . . . .	19.2	26.8	19.7	25.4	10.0	14.3	21.0	30.0	26.6
Durable goods . . . . .	23.1	28.0	10.8	12.4	9.6	16.8	9.2	16.5	15.4
Nondurable goods . . . . .	15.9	25.8	9.0	12.9	10.3	12.2	11.9	13.5	11.2
Transportation and public utilities . . . . .	(1)	(1)	4.3	3.7	(1)	(1)	4.7	3.9	6.0
Wholesale and retail trade . . . . .	21.4	28.4	18.7	20.5	10.8	12.2	19.3	19.6	15.4
Finance, insurance, and real estate, and service industries . . . . .	18.5	29.7	15.8	19.8	9.5	10.3	16.6	15.2	25.0
Public administration . . . . .	(1)	(1)	2.3	2.7	(1)	(1)	2.7	3.9	5.0
Self-employed and unpaid family workers . . . . .	(1)	(1)	6.3	2.9	(1)	(1)	9.5	5.5	13.0
No previous work experience . . . . .	13.3	13.8	16.1	12.8	6.4	7.4	15.9	15.2	1.0
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	<b>20.5</b>	<b>24.1</b>	<b>100.0</b>	<b>100.0</b>	<b>10.0</b>	<b>10.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White-collar workers . . . . .	19.2	24.9	19.3	21.4	7.9	12.8	16.4	24.2	43.8
Professional and technical . . . . .	(1)	22.4	3.5	3.2	(1)	12.1	2.0	3.9	12.4
Managers, officials, and proprietors . . . . .	(1)	(1)	4.8	3.0	(1)	(1)	6.5	5.5	9.7
Clerical workers . . . . .	14.8	22.8	7.3	10.0	3.4	11.4	3.4	11.0	15.3
Sales workers . . . . .	15.3	27.6	3.7	5.2	9.0	9.2	4.4	3.9	6.4
Blue-collar workers . . . . .	24.4	26.8	44.2	45.4	12.9	10.6	47.8	39.9	36.8
Craftsmen and foremen . . . . .	31.8	30.1	11.6	12.1	15.9	12.4	11.9	11.0	12.8
Operatives . . . . .	23.1	26.1	24.1	25.2	11.9	9.9	25.6	21.2	18.8
Nonfarm laborers . . . . .	21.3	24.6	8.5	8.1	12.5	10.6	10.2	7.7	5.2
Service workers . . . . .	24.1	34.7	17.3	19.5	11.8	15.5	17.4	19.3	13.1
Private household workers . . . . .	(1)	(1)	2.2	4.2	(1)	(1)	1.4	4.4	3.0
Other service workers . . . . .	25.0	31.7	15.1	15.3	12.9	13.9	16.0	14.9	10.1
Farm workers . . . . .	(1)	(1)	3.2	.9	(1)	(1)	2.4	1.4	5.3
Farmers and farm managers . . . . .	-	(1)	-	.1	(1)	0	.3	.0	2.9
Farm laborers and foremen . . . . .	(1)	(1)	3.2	.7	(1)	(1)	2.0	1.4	2.4
No previous work experience . . . . .	13.3	13.8	16.1	12.8	6.4	7.4	15.9	15.2	1.0

<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		
	May 1966	May 1965	May 1966	May 1965	May 1966	May 1965	May 1966	May 1965	
<b>AGE</b>									
Total	20.5	24.1	100.0	100.0	10.0	10.9	100.0	100.0	100.0
Male	23.6	25.6	60.3	61.7	12.6	12.7	65.4	67.6	64.0
14 to 19 years	11.2	16.7	11.1	12.9	5.0	7.4	10.2	12.6	5.7
20 to 24 years	15.9	20.8	5.3	7.6	3.5	10.2	2.4	8.2	6.2
25 to 44 years	29.3	25.9	16.9	17.6	17.5	13.5	20.7	20.3	27.4
45 years and over	41.2	39.6	26.9	23.6	24.2	20.0	32.2	26.4	24.8
Female	17.0	22.2	39.7	38.3	7.3	8.4	34.6	32.4	36.0
14 to 19 years	15.0	13.0	13.1	7.3	5.9	3.3	10.5	4.1	4.0
20 to 24 years	11.2	11.4	4.0	3.3	5.1	5.5	3.7	3.6	4.7
25 to 44 years	17.6	31.3	11.1	16.1	7.3	12.3	9.5	14.0	13.3
45 years and over	24.2	32.3	11.5	11.5	11.2	13.5	10.8	10.7	13.9
<b>COLOR</b>									
Total	20.5	24.1	100.0	100.0	10.0	10.9	100.0	100.0	100.0
White, total	19.3	23.5	75.7	80.5	9.2	9.8	73.6	74.7	89.0
Male	22.1	25.1	45.8	50.8	11.8	11.9	49.8	53.4	57.7
Female	16.1	21.3	30.0	29.7	6.3	6.9	23.7	21.2	31.3
Nonwhite, total	25.3	26.8	24.3	19.5	13.5	16.0	26.4	25.3	11.0
Male	30.0	27.8	14.5	10.8	15.9	16.6	15.6	14.3	6.4
Female	20.6	26.0	9.8	8.7	11.2	14.9	10.8	11.0	4.7
<b>MARITAL STATUS</b>									
Total	20.5	24.1	100.0	100.0	10.0	10.9	100.0	100.0	100.0
Male	23.6	25.6	60.3	61.7	12.6	12.7	65.4	67.6	64.0
Married, wife present	34.2	28.0	32.6	28.1	21.3	14.5	41.2	32.3	49.2
Single	15.5	22.1	22.4	26.1	6.8	10.9	19.9	28.7	11.5
14 to 19 years	11.3	16.8	11.0	12.6	5.0	7.3	9.8	12.2	5.4
20 years and over	24.9	31.1	11.5	13.6	10.8	17.1	10.1	16.6	6.1
Other marital status	31.4	32.8	5.3	7.5	11.8	13.1	4.1	6.6	3.4
Female	17.0	22.2	39.7	38.3	7.3	8.4	34.6	32.4	36.0
Married, husband present	17.1	25.5	14.5	18.5	7.1	9.9	12.2	16.0	20.1
Single	15.9	13.0	16.6	9.1	7.2	4.6	15.2	7.2	8.5
14 to 19 years	15.8	11.3	12.6	5.8	6.5	2.4	10.5	2.8	3.5
20 years and over	16.2	17.7	4.0	3.2	9.5	10.9	4.7	4.4	5.0
Other marital status	19.4	35.1	8.6	10.7	8.2	13.5	7.4	9.1	7.3

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		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
Total	2,303	2,288	2,729	639	513	605	21.7	18.3	18.1
Male	1,239	1,313	1,641	298	243	300	19.4	15.6	15.5
14 to 19 years	368	285	384	227	169	237	38.2	37.2	38.2
Major activity:									
Going to school	262	143	210	216	159	231	45.2	52.6	52.4
All other	106	142	175	12	9	6	10.2	6.0	3.3
20 to 24 years	182	182	268	19	25	24	9.5	12.1	8.2
25 to 54 years	490	624	764	15	16	10	3.0	2.5	1.3
55 years and over	197	222	223	36	32	32	15.5	12.6	12.5
Female	1,064	975	1,088	341	270	305	24.3	21.7	21.9
14 to 19 years	331	274	300	194	133	153	37.0	32.7	33.8
Major activity:									
Going to school	190	114	204	178	123	145	48.4	51.9	41.5
All other	141	160	96	16	11	8	10.2	6.4	7.7
20 to 24 years	188	177	212	26	28	25	12.1	13.7	10.5
25 to 54 years	461	451	502	103	87	91	18.3	16.2	15.3
55 years and over	83	74	75	19	23	37	18.6	(1)	33.0

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		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
	<b>Total</b> . . . . .	79,751	78,914	78,425	57.7	57.2
<b>Male</b> . . . . .	52,135	51,748	51,908	78.0	77.5	78.8
14 to 19 years . . . . .	4,788	4,472	4,669	44.6	41.8	45.6
14 and 15 years . . . . .	850	705	849	23.4	19.4	24.0
16 and 17 years . . . . .	1,622	1,496	1,603	46.1	42.5	45.4
18 and 19 years . . . . .	2,316	2,270	2,218	64.8	64.1	70.1
20 to 24 years . . . . .	6,017	5,986	5,801	87.0	86.7	86.6
25 to 34 years . . . . .	10,735	10,762	10,670	97.5	97.8	97.6
35 to 44 years . . . . .	11,456	11,432	11,548	97.7	97.5	97.6
45 to 54 years . . . . .	10,165	10,145	10,163	95.1	95.0	95.9
55 to 64 years . . . . .	6,894	6,840	6,838	85.2	84.7	85.6
55 to 59 years . . . . .	3,983	3,960	3,961	90.3	89.9	91.0
60 to 64 years . . . . .	2,911	2,880	2,877	79.1	78.4	79.2
65 years and over . . . . .	2,077	2,111	2,222	26.9	27.4	29.1
<b>Female</b> . . . . .	27,617	27,166	26,517	38.8	38.2	37.8
14 to 19 years . . . . .	3,071	2,891	2,669	29.3	27.7	26.7
14 and 15 years . . . . .	442	397	381	12.5	11.3	11.1
16 and 17 years . . . . .	987	872	875	28.8	25.4	25.4
18 and 19 years . . . . .	1,642	1,623	1,413	46.8	46.7	45.3
20 to 24 years . . . . .	3,608	3,551	3,327	52.1	51.4	49.5
25 to 34 years . . . . .	4,509	4,465	4,306	39.9	39.5	38.3
35 to 44 years . . . . .	5,733	5,737	5,794	46.6	46.6	46.6
45 to 54 years . . . . .	5,958	5,836	5,757	52.4	51.4	51.4
55 to 64 years . . . . .	3,776	3,696	3,633	42.5	41.7	41.7
55 to 59 years . . . . .	2,300	2,228	2,233	48.2	46.7	47.7
60 to 64 years . . . . .	1,476	1,468	1,400	35.9	35.8	34.7
65 years and over . . . . .	962	990	1,030	9.7	10.0	10.6

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

Age and sex	(In thousands)					
	Male			Female		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
<b>All industries</b> . . . . .	47,386	47,217	47,314	26,179	25,888	25,093
14 to 19 years . . . . .	3,752	3,635	3,557	2,539	2,478	2,209
20 to 24 years . . . . .	4,527	4,503	4,577	3,382	3,334	3,080
25 to 34 years . . . . .	9,773	9,689	9,678	4,300	4,285	4,107
35 to 44 years . . . . .	10,896	10,839	10,848	5,549	5,519	5,567
45 to 54 years . . . . .	9,905	9,859	9,850	5,772	5,682	5,578
55 to 64 years . . . . .	6,707	6,646	6,650	3,690	3,620	3,554
65 years and over . . . . .	2,027	2,047	2,153	946	970	998
<b>Nonagricultural industries</b> . . . . .	44,090	43,684	43,216	25,382	25,216	24,062
14 to 19 years . . . . .	3,232	3,110	2,923	2,488	2,431	2,126
20 to 24 years . . . . .	4,321	4,279	4,270	3,336	3,305	3,024
25 to 34 years . . . . .	9,369	9,287	9,202	4,164	4,210	3,954
35 to 44 years . . . . .	10,339	10,275	10,206	5,394	5,354	5,350
45 to 54 years . . . . .	9,181	9,146	9,025	5,583	5,517	5,268
55 to 64 years . . . . .	6,055	5,981	5,909	3,530	3,485	3,395
65 years and over . . . . .	1,593	1,608	1,680	889	915	944
<b>Agriculture</b> . . . . .	3,496	3,533	4,098	797	671	1,031
14 to 19 years . . . . .	521	526	634	51	48	83
20 to 24 years . . . . .	206	224	307	46	29	55
25 to 34 years . . . . .	404	401	476	137	76	153
35 to 44 years . . . . .	556	566	642	154	165	217
45 to 54 years . . . . .	724	713	825	190	164	309
55 to 64 years . . . . .	652	665	741	161	135	158
65 years and over . . . . .	433	439	473	57	55	55

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

Characteristics	(In thousands)								
	Total			Male			Female		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
<b>CLASS OF WORKER</b>									
<b>Total</b> . . . . .	73,764	73,105	72,407	47,586	47,217	47,314	26,179	25,888	25,093
<b>Nonagricultural industries</b> . . . . .	69,472	68,900	67,278	44,090	43,684	43,216	25,382	25,216	24,062
Wage and salary workers . . . . .	62,529	62,206	59,993	39,210	38,961	37,982	23,319	23,245	22,011
Private household workers . . . . .	2,571	2,388	2,686	393	287	497	2,178	2,101	2,189
Government workers . . . . .	10,302	10,280	9,508	5,828	5,805	5,510	4,473	4,475	3,998
Other wage and salary workers . . . . .	49,656	49,538	47,799	32,989	32,869	31,975	16,668	16,669	15,824
Self-employed workers . . . . .	6,371	6,191	6,674	4,819	4,673	5,157	1,553	1,518	1,518
Unpaid family workers . . . . .	571	503	610	61	50	77	510	453	533
<b>Agriculture</b> . . . . .	4,292	4,204	5,128	3,496	3,533	4,098	797	671	1,031
Wage and salary workers . . . . .	1,326	1,283	1,584	1,100	1,121	1,304	226	163	281
Self-employed workers . . . . .	2,253	2,223	2,546	2,117	2,089	2,397	136	134	169
Unpaid family workers . . . . .	713	698	998	278	324	397	435	374	601
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	73,764	73,105	72,407	47,586	47,217	47,314	26,179	25,888	25,093
<b>White-collar workers</b> . . . . .	33,029	33,038	31,907	18,239	18,150	17,962	14,789	14,890	13,946
Professional and technical . . . . .	9,445	9,331	8,815	5,897	5,803	5,519	3,548	3,528	3,297
Managers, officials, and proprietors . . . . .	7,345	7,309	7,526	6,179	6,156	6,411	1,165	1,153	1,115
Clerical workers . . . . .	11,476	11,641	10,923	3,202	3,304	3,241	8,274	8,337	7,682
Sales workers . . . . .	4,763	4,757	4,643	2,961	2,887	2,791	1,802	1,872	1,852
<b>Blue-collar workers</b> . . . . .	27,139	26,714	26,361	22,767	22,401	22,281	4,374	4,316	4,084
Craftsmen and foremen . . . . .	9,632	9,390	9,007	9,400	9,132	8,705	232	259	304
Operatives . . . . .	13,757	13,705	13,303	9,748	9,755	9,621	4,011	3,951	3,683
Nonfarm laborers . . . . .	3,750	3,619	4,051	3,619	3,514	3,955	131	106	97
Service workers . . . . .	9,623	9,467	9,326	3,355	3,407	3,244	6,268	6,062	6,082
Private household workers . . . . .	2,244	2,125	2,241	63	40	55	2,181	2,085	2,186
Other service workers . . . . .	7,379	7,342	7,085	3,292	3,367	3,189	4,087	3,977	3,896
<b>Farm workers</b> . . . . .	3,975	3,883	4,811	3,226	3,260	3,827	748	621	984
Farmers and farm managers . . . . .	2,202	2,161	2,437	2,063	2,033	2,293	139	127	144
Farm laborers and foremen . . . . .	1,773	1,722	2,374	1,163	1,227	1,534	609	494	840

# HOUSEHOLD DATA

**Table A-17: Employed persons, by hours worked**

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
Total	73,764	73,105	72,407	69,472	68,900	67,278	4,292	4,204	5,128
With a job but not at work	2,415	2,990	2,402	2,310	2,887	2,304	105	102	97
At work	71,349	70,115	70,005	67,162	66,013	64,974	4,187	4,102	5,031
1-34 hours	14,154	14,119	13,522	12,772	12,825	11,966	1,382	1,294	1,556
1-4 hours	1,137	974	1,128	1,066	941	1,055	70	33	74
5-14 hours	3,613	3,643	3,667	3,296	3,306	3,350	316	336	319
15-34 hours	9,404	9,500	8,725	8,409	8,576	7,563	995	925	1,162
35 hours or more	57,195	55,995	56,482	54,391	53,189	53,008	2,806	2,809	3,475
35-40 hours	33,576	32,848	32,312	32,951	32,263	31,654	626	586	658
41 hours and over	23,619	23,147	24,170	21,440	20,926	21,354	2,180	2,223	2,817
Average hours, total at work	40.4	40.3	40.9	40.1	40.0	40.3	45.8	45.5	48.6

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

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965
Total	73,764	73,105	72,407	69,472	68,900	67,278
With a job but not at work	2,415	2,990	2,402	2,310	2,887	2,304
At work	71,349	70,115	70,005	67,162	66,013	64,974
On full-time schedules	59,665	58,794	58,441	56,562	55,809	54,781
35 hours or more	57,195	55,995	56,482	54,391	53,189	53,008
1-34 hours for noneconomic reasons	2,470	2,799	1,959	2,171	2,620	1,773
Bad weather	688	381	257	461	278	170
Industrial dispute	46	50	15	46	50	15
Vacation	216	320	222	210	318	214
Illness	872	1,045	813	837	1,000	777
Holiday	16	440	2	16	439	-
All other reasons	632	563	650	601	535	597
On part time for economic reasons	1,668	1,690	1,997	1,545	1,507	1,828
Usually work full time	865	899	994	829	796	936
Average hours	23.6	23.2	23.6	23.7	23.7	23.7
Usually work part time	803	791	1,003	716	711	892
Average hours	18.2	17.9	17.7	18.4	18.0	17.6
On part time for noneconomic reasons; usually work part time	10,014	9,632	9,568	9,055	8,694	8,367

**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								
	May 1966	Apr. 1966	May 1965	Total			Wage and salary workers					
				May 1966	Apr. 1966	May 1965	Number			Percent paid		
May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	May 1966	Apr. 1966	May 1965	
Total	2,415	2,990	2,402	2,310	2,887	2,304	2,080	2,535	2,025	50.9	49.3	50.3
Bad weather	76	75	21	45	51	12	28	40	8	(1)	(1)	-
Industrial dispute	65	111	54	65	111	54	65	111	54	-	-	-
Vacation	808	1,078	759	803	1,078	752	756	993	721	91.3	80.5	87.9
Illness	947	1,133	1,063	904	1,086	1,005	841	983	891	33.8	37.3	36.0
All other reasons	521	593	504	494	561	481	392	409	353	20.7	19.6	18.1

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

# HOUSEHOLD DATA

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

May 1966  
(In thousands)

Age, sex, and color	Total labor force		Civilian labor force						Not in labor force					
	Number	Percent of population	Total	Employed			Unemployed			Total	Keeping house	In school	Unable to work	Other
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force						
Male . . . . .	52,135	78.0	49,123	47,586	3,496	44,090	1,537	3.1	14,744	106	6,643	1,213	6,782	
14 and 15 years . . . . .	850	23.4	850	751	178	573	99	11.7	2,790	6	2,753	10	21	
16 and 17 years . . . . .	1,622	46.1	1,578	1,291	209	1,082	286	18.2	1,898	4	1,821	9	64	
18 and 19 years . . . . .	2,316	64.8	1,920	1,710	133	1,577	210	10.9	1,260	1	1,176	7	76	
20 to 24 years . . . . .	6,017	87.0	4,728	4,527	206	4,321	201	4.3	902	-	742	38	122	
25 to 29 years . . . . .	5,489	97.0	5,049	4,946	154	4,792	103	2.0	168	-	101	22	44	
30 to 34 years . . . . .	5,246	98.0	4,910	4,827	250	4,577	84	1.7	107	-	27	39	42	
35 to 39 years . . . . .	5,618	97.9	5,353	5,272	257	5,015	82	1.5	118	-	9	41	67	
40 to 44 years . . . . .	5,838	97.5	5,702	5,624	299	5,324	79	1.4	147	1	2	53	91	
45 to 49 years . . . . .	5,364	96.3	5,286	5,213	317	4,896	72	1.4	207	6	6	93	102	
50 to 54 years . . . . .	4,801	93.9	4,779	4,692	407	4,285	87	1.8	314	8	2	111	193	
55 to 59 years . . . . .	3,983	90.3	3,979	3,879	325	3,554	100	2.5	428	1	1	157	269	
60 to 64 years . . . . .	2,911	79.1	2,910	2,828	327	2,501	83	2.8	767	5	-	152	611	
65 to 69 years . . . . .	1,203	42.4	1,203	1,172	217	955	31	2.6	1,635	19	-	106	1,510	
70 years and over . . . . .	874	17.9	874	855	216	638	20	2.2	4,003	55	2	376	3,570	
White . . . . .	46,983	78.4	44,227	42,981	3,124	39,857	1,247	2.8	12,966	85	5,775	975	6,131	
Nonwhite . . . . .	5,151	74.3	4,895	4,605	372	4,233	290	5.9	1,778	21	868	238	650	
Female . . . . .	27,617	38.8	27,584	26,179	797	25,382	1,405	5.1	43,604	34,826	6,998	828	952	
14 and 15 years . . . . .	442	12.5	442	393	17	376	49	11.1	3,093	41	3,013	9	29	
16 and 17 years . . . . .	987	28.8	987	731	22	709	256	25.9	2,445	165	2,225	5	50	
18 and 19 years . . . . .	1,642	46.8	1,635	1,414	12	1,403	220	13.5	1,867	627	1,189	5	46	
20 to 24 years . . . . .	3,608	52.1	3,596	3,382	46	3,336	214	6.0	3,318	2,798	452	19	49	
25 to 29 years . . . . .	2,307	39.8	2,302	2,191	58	2,133	111	4.8	3,486	3,384	44	19	39	
30 to 34 years . . . . .	2,202	40.0	2,199	2,109	79	2,031	90	4.1	3,306	3,242	19	22	24	
35 to 39 years . . . . .	2,636	44.1	2,633	2,533	79	2,454	100	3.8	3,338	3,271	18	20	29	
40 to 44 years . . . . .	3,097	48.9	3,095	3,016	75	2,940	80	2.6	3,237	3,169	13	27	28	
45 to 49 years . . . . .	3,107	52.5	3,106	2,992	99	2,894	114	3.7	2,812	2,721	13	26	52	
50 to 54 years . . . . .	2,851	52.4	2,850	2,780	91	2,689	70	2.4	2,590	2,508	3	39	39	
55 to 59 years . . . . .	2,300	48.2	2,300	2,246	86	2,160	54	2.3	2,475	2,367	-	45	64	
60 to 64 years . . . . .	1,476	35.9	1,476	1,444	75	1,370	31	2.1	2,635	2,523	3	49	61	
65 to 69 years . . . . .	553	16.2	553	537	28	509	17	3.0	2,860	2,704	2	63	91	
70 years and over . . . . .	409	6.2	409	409	29	380	-	.1	6,142	5,307	3	480	351	
White . . . . .	24,036	37.9	24,005	22,887	665	22,222	1,119	4.7	39,424	31,881	6,011	684	849	
Nonwhite . . . . .	3,581	46.1	3,578	3,292	131	3,161	286	8.0	4,180	2,946	988	144	103	

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

May 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	84.7	1.2	1.1	13.1	100.0	18.7	52.1	14.2	15.1
Construction . . . . .	100.0	91.2	3.6	1.2	4.1	100.0	19.5	55.4	12.1	13.1
Manufacturing . . . . .	100.0	94.8	1.7	.2	3.2	100.0	8.8	58.8	17.8	14.5
Durable goods . . . . .	100.0	97.1	1.3	.2	1.6	100.0	6.9	58.3	19.2	15.8
Nondurable goods . . . . .	100.0	92.0	2.4	.3	5.5	100.0	11.9	59.6	15.9	12.8
Transportation and public utilities . . . . .	100.0	93.4	1.1	.5	5.0	100.0	9.6	60.1	13.3	17.0
Wholesale and retail trade . . . . .	100.0	75.1	1.0	1.5	22.3	100.0	26.6	39.5	15.1	18.7
Finance, insurance, and real estate . . . . .	100.0	91.5	.3	.4	7.7	100.0	10.4	65.4	11.1	13.0
Service industries . . . . .	100.0	70.7	.6	2.2	26.5	100.0	31.6	42.7	11.5	14.2

<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

May 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	31,998	100.0	85.8	0.4	0.5	13.2	100.0	16.1	50.1	12.8	20.9	41.2
Professional and technical	9,210	100.0	88.4	.4	.4	10.8	100.0	13.6	51.3	12.5	22.6	41.6
Managers, officials, and proprietors	7,080	100.0	95.2	.3	.3	4.0	100.0	6.6	33.0	17.0	43.2	49.4
Clerical workers	11,120	100.0	83.7	.5	.5	15.4	100.0	18.6	66.0	10.1	5.4	37.2
Sales workers	4,588	100.0	71.5	.6	1.2	26.7	100.0	30.1	35.9	13.2	20.8	37.5
Blue-collar workers	26,144	100.0	90.0	2.3	.9	6.8	100.0	14.9	52.3	16.7	16.1	40.8
Craftsmen and foremen	9,300	100.0	95.4	1.7	.5	2.5	100.0	9.4	52.8	18.6	19.3	42.8
Operatives	13,259	100.0	91.0	2.6	.7	5.7	100.0	13.4	54.2	16.7	15.7	41.4
Nonfarm laborers	3,585	100.0	72.2	3.1	2.6	22.1	100.0	34.9	44.1	11.5	9.5	33.7
Service workers	9,328	100.0	62.0	1.0	3.5	33.5	100.0	40.9	35.4	10.9	12.8	33.6
Private household workers	2,189	100.0	33.4	.7	7.9	58.2	100.0	69.4	18.5	5.5	6.8	23.0
Other service workers	7,139	100.0	70.8	1.0	2.2	25.9	100.0	32.1	40.6	12.6	14.6	36.9

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

May 1966

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total	73,764	47,586	26,179	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	33,029	18,239	14,789	44.8	38.3	56.5	47.6	40.6	60.9	21.0	17.6	25.7
Professional and technical	9,445	5,897	3,548	12.8	12.4	13.6	13.5	13.2	14.3	6.7	5.3	8.7
Medical and other health	1,424	567	857	1.9	1.2	3.3	2.0	1.3	3.4	1.2	.5	2.1
Teachers, except college	2,173	665	1,508	2.9	1.4	5.8	3.0	1.4	5.9	2.6	1.1	4.8
Other professional and technical	5,848	4,665	1,183	7.9	9.8	4.5	8.5	10.5	4.9	2.9	3.7	1.8
Managers, officials, and proprietors	7,345	6,179	1,165	10.0	13.0	4.5	10.8	14.0	4.9	2.5	3.3	1.4
Salaries workers	4,545	3,822	722	6.2	8.0	2.8	6.8	8.7	3.1	1.2	1.5	.7
Self-employed workers in retail trade	1,314	1,036	278	1.8	2.2	1.1	1.9	2.3	1.1	.7	.8	.6
Self-employed workers, except retail trade	1,486	1,321	165	2.0	2.8	.6	2.2	3.0	.7	.7	1.0	.2
Clerical workers	11,476	3,202	8,274	15.6	6.7	31.6	16.3	6.7	34.2	9.7	6.8	13.7
Stenographers, typists, and secretaries	3,065	44	3,021	4.2	.1	11.5	4.5	.1	12.6	1.7	.1	3.8
Other clerical workers	8,411	3,158	5,253	11.4	6.6	20.1	11.8	6.6	21.5	8.0	6.7	9.9
Sales workers	4,763	2,961	1,802	6.5	6.2	6.9	7.0	6.7	7.6	2.1	2.1	1.9
Retail trade	2,823	1,259	1,564	3.8	2.6	6.0	4.1	2.8	6.6	1.5	1.3	1.6
Other sales workers	1,940	1,702	238	2.6	3.6	.9	2.9	3.9	1.0	.6	.8	.2
Blue-collar workers	27,139	22,767	4,374	36.8	47.8	16.7	36.2	46.5	16.7	42.0	60.1	16.6
Craftsmen, foremen	9,332	9,400	232	13.1	19.8	.9	13.7	20.5	.9	7.5	12.5	.5
Carpenters	875	876	-	1.2	1.8	-	1.3	1.9	-	.6	1.1	-
Construction craftsmen, except carpenters	2,005	1,994	11	2.7	4.2	(1)	2.8	4.3	.1	2.0	3.4	-
Mechanics and repairmen	2,350	2,340	10	3.2	4.9	(1)	3.3	5.1	(1)	2.1	3.6	.1
Metal craftsmen, except mechanics	1,237	1,222	15	1.7	2.6	.1	1.8	2.7	(1)	.9	1.4	.1
Other craftsmen and kindred workers	1,799	1,676	123	2.4	3.5	.5	2.6	3.7	.5	1.3	2.1	.2
Foremen, not elsewhere classified	1,366	1,292	73	1.9	2.7	.3	2.0	2.9	.3	.6	.9	.1
Operatives	13,757	9,748	4,011	18.6	20.5	15.3	18.2	19.8	15.3	22.2	27.2	15.3
Drivers and deliverymen	2,582	2,532	50	3.5	5.3	.2	3.4	5.0	.2	4.7	8.0	.1
Other operatives	11,175	7,216	3,961	15.1	15.2	15.1	14.9	14.7	15.1	17.5	19.2	15.1
Durable goods manufacturing	4,641	3,416	1,226	6.3	7.2	4.7	6.2	7.0	4.9	6.7	9.1	3.2
Nondurable goods manufacturing	3,708	1,678	2,031	5.0	3.5	7.8	5.0	3.4	8.0	5.3	4.5	6.3
Other industries	2,826	2,122	704	3.8	4.5	2.7	3.6	4.3	2.3	5.6	5.6	5.6
Nonfarm laborers	3,750	3,619	131	5.1	7.6	.5	4.2	6.2	.5	12.2	20.4	.8
Construction	680	679	1	.9	1.4	(1)	.7	1.1	(1)	2.7	4.6	-
Manufacturing	1,074	1,004	70	1.5	2.1	.3	1.2	1.7	.3	3.3	5.6	.1
Other industries	1,996	1,936	60	2.7	4.1	.2	2.3	3.4	.2	6.2	10.2	.7
Service workers	9,623	3,355	6,268	13.0	7.1	23.9	10.9	6.2	19.6	31.1	15.0	53.8
Private household workers	2,244	63	2,181	3.0	.1	8.3	2.0	.1	5.5	11.7	.3	27.7
Service workers, except private household	7,379	3,292	4,087	10.0	6.9	15.6	8.9	6.1	14.1	19.4	14.6	26.1
Protective service workers	865	810	55	1.2	1.7	.2	1.2	1.8	.2	.6	.7	.4
Waiters, cooks, and bartenders	1,996	560	1,436	2.7	1.2	5.5	2.6	1.1	5.4	3.7	2.3	5.7
Other service workers	4,518	1,922	2,596	6.1	4.0	9.9	5.0	3.2	8.5	15.1	11.6	20.0
Farm workers	3,975	3,226	748	5.4	6.8	2.9	5.3	6.7	2.7	5.9	7.3	4.0
Farmers and farm managers	2,202	2,063	139	3.0	4.3	.5	3.2	4.6	.5	1.6	2.2	.6
Farm laborers and foremen	1,773	1,163	609	2.4	2.4	2.3	2.2	2.2	2.2	4.4	5.1	3.3
Paid workers	1,073	885	187	1.5	1.9	.7	1.2	1.6	.5	3.7	4.7	2.4
Unpaid family workers	700	278	422	.9	.6	1.6	1.0	.6	1.7	.6	.4	.9

1/ Less than 0.05 percent.

# HOUSEHOLD DATA

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

Characteristics	(Percent distribution)						Hours of work				
	Full or part-time status						Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
	Total at work		On full-time schedules	On part-time							
				Economic reasons		Other reasons					
Thousands	Percent		Usually work full time	Usually work part time	Usually work part time						
<b>AGE AND SEX</b>											
Total .....	67,162	100.0	84.2	1.2	1.1	13.5	100.0	19.0	49.1	31.9	40.1
<b>Male</b> .....	42,695	100.0	90.1	1.2	.7	8.0	100.0	13.2	46.3	40.5	42.7
14 to 17 years .....	1,631	100.0	9.9	.8	1.7	87.6	100.0	91.6	5.6	2.8	14.7
18 and 19 years .....	1,548	100.0	57.4	2.1	2.6	37.9	100.0	46.0	37.9	16.1	31.3
20 to 24 years .....	4,227	100.0	87.6	2.0	.7	9.7	100.0	16.6	48.1	35.2	41.2
25 to 34 years .....	9,159	100.0	97.2	.9	.4	1.4	100.0	5.9	48.3	45.8	45.4
35 to 44 years .....	10,029	100.0	97.5	1.2	.4	.9	100.0	5.5	46.6	47.9	45.9
45 to 64 years .....	14,598	100.0	96.4	1.1	.6	2.0	100.0	7.6	50.5	41.9	44.3
65 years and over .....	1,503	100.0	66.2	.5	2.0	31.4	100.0	36.0	37.3	26.7	35.7
<b>Female</b> .....	24,468	100.0	73.8	1.3	1.7	23.1	100.0	29.1	54.0	16.9	35.3
14 to 17 years .....	1,066	100.0	8.7	.2	.4	90.7	100.0	91.9	5.8	2.3	12.0
18 and 19 years .....	1,367	100.0	67.1	1.2	2.4	29.3	100.0	35.4	54.0	10.6	32.3
20 to 24 years .....	3,249	100.0	84.7	1.3	1.4	12.7	100.0	18.5	66.2	15.4	37.2
25 to 34 years .....	4,015	100.0	76.8	1.4	1.0	20.6	100.0	27.1	55.7	17.1	36.1
35 to 44 years .....	5,223	100.0	75.0	1.8	1.9	21.3	100.0	27.4	56.6	16.0	36.1
45 to 64 years .....	8,704	100.0	78.6	1.2	2.2	18.1	100.0	24.6	55.1	20.4	37.4
65 years and over .....	844	100.0	54.8	1.2	2.2	41.9	100.0	47.3	31.8	20.8	31.8
<b>MARITAL STATUS AND SEX</b>											
<b>Male: Single</b> .....	6,908	100.0	61.3	1.7	1.9	35.1	100.0	42.0	39.6	18.4	31.9
Married, wife present .....	33,560	100.0	96.1	1.0	.4	2.5	100.0	7.3	47.5	45.2	45.0
Other .....	2,226	100.0	90.6	1.5	1.7	6.2	100.0	13.7	48.2	38.1	42.3
<b>Female: Single</b> .....	5,698	100.0	69.8	.5	1.2	28.6	100.0	32.1	53.4	14.5	32.5
Married, husband present .....	13,738	100.0	73.3	1.5	1.6	23.6	100.0	29.8	54.0	16.2	35.6
Other .....	5,031	100.0	79.9	1.7	2.9	15.5	100.0	23.7	54.5	21.8	37.6
<b>COLOR AND SEX</b>											
<b>White</b> .....	60,031	100.0	84.6	1.1	.8	13.5	100.0	18.5	48.6	32.9	40.3
<b>Male</b> .....	38,589	100.0	90.5	1.0	.6	8.0	100.0	12.9	45.4	41.8	43.0
<b>Female</b> .....	21,442	100.0	74.2	1.3	1.2	23.3	100.0	28.6	54.5	16.9	35.4
<b>Nonwhite</b> .....	7,132	100.0	81.1	2.2	3.6	13.2	100.0	23.3	52.9	23.8	38.0
<b>Male</b> .....	4,106	100.0	88.4	2.5	1.8	7.3	100.0	16.5	54.7	28.8	40.2
<b>Female</b> .....	3,026	100.0	71.1	1.7	5.9	21.2	100.0	32.5	50.5	17.0	35.0

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

Hours of work	(Percent distribution)											
	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	
						Total	Private households	Government	Other			
<b>Total at work</b> .. thousands .....	71,349	4,137	1,288	2,186	713	67,162	60,450	2,512	9,990	47,948	6,141	571
<b>Percent</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>1 to 34 hours</b> .....	19.8	32.9	36.1	22.3	60.3	19.0	18.6	71.3	14.4	16.8	20.5	42.3
1 to 14 hours .....	6.7	9.2	14.1	9.4	-	6.5	6.3	45.4	4.7	4.6	9.2	-
15 to 21 hours .....	5.4	10.6	11.3	4.9	26.9	5.1	4.9	13.5	4.2	4.6	5.7	24.3
22 to 29 hours .....	3.8	7.1	5.6	4.1	19.2	3.6	3.6	7.5	2.2	3.7	2.8	10.3
30 to 34 hours .....	3.9	6.0	5.1	3.9	14.2	3.8	3.8	4.9	3.3	3.9	2.8	7.7
<b>35 to 40 hours</b> .....	47.1	14.9	20.2	11.4	16.0	49.0	52.1	17.1	60.1	52.2	22.2	24.3
35 to 39 hours .....	6.4	6.5	5.3	4.8	13.8	6.3	6.6	4.6	6.2	6.8	4.0	7.9
40 hours .....	40.7	8.4	14.9	6.6	2.2	42.7	45.5	12.5	53.9	45.4	18.2	16.4
<b>41 hours and over</b> .....	33.0	52.2	43.7	66.4	23.9	31.9	29.3	11.6	25.2	31.1	57.4	33.4
41 to 47 hours .....	7.9	5.4	7.8	3.9	6.0	8.1	8.3	3.2	7.4	8.7	6.6	6.6
48 hours .....	5.8	3.9	4.0	4.7	1.1	5.9	5.9	2.3	3.5	6.6	6.2	5.3
49 hours and over .....	19.3	42.9	31.9	57.8	16.8	17.9	15.1	6.1	14.3	15.8	44.6	21.5
49 to 54 hours .....	6.8	6.4	7.4	6.7	3.6	6.9	6.4	2.2	6.5	6.6	11.6	7.1
55 to 59 hours .....	3.0	3.3	3.8	3.3	2.4	3.0	2.8	.9	2.5	3.0	4.6	2.4
60 to 69 hours .....	5.2	11.7	9.0	15.5	4.9	4.8	3.8	1.0	3.2	4.1	14.8	3.1
70 hours and over .....	4.3	21.5	11.7	32.3	5.9	3.2	2.1	2.0	2.1	2.1	13.6	8.9
<b>Average hours, total at work</b> .....	40.4	45.8	39.8	53.1	34.2	40.1	39.4	21.6	40.0	40.2	46.4	38.2

## HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Employment status	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965
<b>TOTAL</b>													
Total labor force	79,313	79,674	79,315	79,279	79,644	79,408	78,906	78,606	78,334	78,465	78,747	78,332	77,990
Civilian labor force	76,268	76,666	76,341	76,355	76,754	76,567	76,111	75,846	75,611	75,772	76,054	75,652	75,306
Employed	73,231	73,799	73,435	73,521	73,715	73,441	72,914	72,561	72,297	72,387	72,618	72,085	71,816
Agriculture	4,076	4,482	4,363	4,442	4,429	4,486	4,273	4,551	4,418	4,572	4,639	4,651	4,869
Nonagricultural industries	69,155	69,317	69,072	69,079	69,286	68,955	68,641	68,010	67,879	67,815	67,979	67,434	66,947
On full-time schedules <sup>1</sup>	56,002	55,421	55,839	55,954	55,854	55,884	55,299	54,725	55,063	54,976	54,980	54,601	54,239
On part-time for economic reasons <sup>1</sup>	1,607	1,571	1,622	1,681	1,819	1,745	1,819	1,821	1,780	1,970	2,088	1,983	1,904
Usually work full time	839	776	820	899	902	766	817	848	843	932	961	948	947
Usually work part time	768	795	802	782	917	979	1,002	973	937	1,038	1,127	1,035	957
On voluntary part-time schedules <sup>1</sup>	7,985	8,167	8,016	7,948	8,070	8,030	7,915	7,884	7,702	7,695	7,897	7,931	7,378
Unemployed	3,037	2,867	2,906	2,834	3,039	3,126	3,197	3,285	3,314	3,385	3,436	3,567	3,490
<b>MEN, 20 YEARS AND OVER</b>													
Civilian labor force	44,661	44,836	44,822	44,823	44,788	44,751	44,565	44,539	44,646	44,865	44,915	44,933	44,996
Employed	43,597	43,772	43,664	43,680	43,604	43,579	43,330	43,234	43,285	43,453	43,492	43,478	43,503
Agriculture	2,861	3,035	2,980	2,990	2,936	3,035	2,933	3,131	3,120	3,171	3,190	3,256	3,331
Nonagricultural industries	40,736	40,737	40,684	40,690	40,668	40,544	40,397	40,103	40,165	40,282	40,302	40,222	40,172
Unemployed	1,064	1,064	1,158	1,143	1,184	1,172	1,235	1,305	1,361	1,412	1,423	1,455	1,493
<b>WOMEN, 20 YEARS AND OVER</b>													
Civilian labor force	24,082	24,000	23,899	24,016	24,145	24,121	23,967	23,779	23,774	23,779	23,861	23,866	23,376
Employed	23,121	23,133	23,045	23,145	23,228	23,157	22,937	22,790	22,771	22,726	22,823	22,714	22,350
Agriculture	632	728	732	754	765	769	684	749	697	752	748	747	803
Nonagricultural industries	22,489	22,405	22,313	22,391	22,463	22,388	22,253	22,041	22,074	21,974	22,075	21,967	21,547
Unemployed	961	867	854	871	917	964	1,030	989	1,003	1,053	1,038	1,152	1,026
<b>BOTH SEXES, 14-19 YEARS</b>													
Civilian labor force	7,525	7,830	7,620	7,516	7,821	7,695	7,579	7,528	7,191	7,128	7,278	6,853	6,934
Employed	6,513	6,894	6,726	6,696	6,883	6,705	6,647	6,537	6,241	7,208	6,303	5,893	5,963
Agriculture	583	719	651	698	728	682	656	671	601	649	701	648	735
Nonagricultural industries	5,930	6,175	6,075	5,998	6,155	6,023	5,991	5,866	5,640	5,559	5,602	5,245	5,228
Unemployed	1,012	936	894	820	938	990	932	991	950	920	975	960	971

<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	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965
Total (all civilian workers)	4.0	3.7	3.8	3.7	4.0	4.1	4.2	4.3	4.4	4.5	4.5	4.7	4.6
Men, 20 years and over	2.4	2.4	2.6	2.6	2.6	2.6	2.8	2.9	3.0	3.1	3.2	3.2	3.3
20-24 years	4.9	4.3	5.0	4.4	4.2	5.1	5.7	5.5	5.9	5.8	5.9	6.9	6.9
25 years and over	2.1	2.1	2.3	2.3	2.5	2.3	2.5	2.6	2.7	2.8	2.8	2.7	2.9
Women, 20 years and over	4.0	3.6	3.6	3.6	3.8	4.0	4.3	4.2	4.2	4.4	4.4	4.8	4.4
Both sexes, 14-19 years	13.4	12.0	11.7	10.9	12.0	12.9	12.3	13.2	13.2	12.9	13.4	14.0	14.0
White workers	3.5	3.4	3.4	3.3	3.5	3.7	3.7	3.9	3.9	4.1	4.0	4.3	4.2
Nonwhite workers	7.6	7.0	7.2	7.0	7.0	7.5	8.1	7.9	8.1	7.7	8.9	8.3	7.8
Married men	1.8	1.8	1.9	1.9	1.9	1.8	2.0	2.1	2.2	2.6	2.3	2.4	2.5
Full-time workers <sup>1</sup>	3.7	3.4	3.4	3.3	3.5	3.7	3.8	3.8	4.0	4.2	4.3	4.5	4.4
Blue-collar workers	4.2	4.0	4.2	4.0	4.2	4.4	4.6	4.8	5.1	5.0	5.5	5.6	5.4
Experienced wage and salary workers	3.7	3.4	3.5	3.3	3.5	3.7	3.8	4.0	4.0	4.2	4.1	4.5	4.4
Labor force time lost	4.4	4.1	4.1	4.0	4.3	4.4	4.5	4.6	4.7	5.1	5.2	5.3	5.2

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

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

(In thousands)

Duration of unemployment	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965
Less than 5 weeks	1,789	1,625	1,543	1,514	1,548	1,532	1,618	1,562	1,703	1,722	1,791	1,788	1,829
5 to 14 weeks	856	670	787	721	738	869	903	992	858	980	980	1,015	1,046
15 weeks and over	536	603	588	579	661	660	644	697	728	717	685	779	715
15-26 weeks	261	343	319	315	354	355	334	350	384	397	355	419	377
27 weeks and over	275	260	269	264	307	305	310	347	344	320	330	360	338
15 weeks and over as a percent of civilian labor force	.7	.8	.8	.8	.9	.9	.8	.9	1.0	.9	.9	1.0	.9

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

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

Age and sex	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965
Total, 14 years and over	4.0	3.7	3.8	3.7	4.0	4.1	4.2	4.3	4.4	4.5	4.5	4.7	4.6
14 to 17 years	14.7	12.5	13.1	11.7	12.7	14.7	13.2	13.0	13.5	13.2	13.6	13.6	13.8
14 and 15 years	9.5	6.4	6.7	7.8	8.7	12.4	9.0	6.7	5.5	7.5	7.6	7.7	8.2
16 and 17 years	17.2	15.6	16.3	13.5	14.7	15.8	15.4	16.0	17.3	15.8	16.6	16.3	16.5
18 years and over	3.4	3.3	3.3	3.3	3.5	3.5	3.7	3.9	3.9	4.0	4.1	4.3	4.2
18 and 19 years	11.9	11.8	10.4	10.3	11.2	11.6	11.3	13.5	12.5	12.4	13.4	15.1	14.3
20 to 24 years	5.5	5.2	5.2	5.0	5.4	5.6	6.6	5.9	5.9	6.5	6.5	7.2	7.2
25 years and over	2.6	2.5	2.6	2.6	2.7	2.7	2.9	3.0	3.1	3.2	3.2	3.2	3.2
25 to 54 years	2.6	2.5	2.6	2.6	2.7	2.8	2.9	3.1	3.2	3.2	3.2	3.3	3.3
55 years and over	2.8	2.5	2.7	2.8	2.8	2.8	3.0	3.0	3.0	3.3	3.2	3.3	3.0
Males, 18 years and over	2.8	2.7	2.9	2.9	2.9	3.0	3.0	3.4	3.3	3.6	3.6	3.8	3.8
18 and 19 years	10.8	10.3	9.9	9.3	9.7	9.9	8.7	12.9	10.2	12.4	13.5	15.4	14.3
20 to 24 years	4.9	4.3	5.0	4.4	4.2	5.1	5.7	5.5	5.9	5.8	5.9	6.9	6.9
25 years and over	2.1	2.1	2.3	2.3	2.5	2.3	2.5	2.6	2.7	2.8	2.8	2.7	2.9
25 to 54 years	1.9	2.0	2.1	2.2	2.3	2.2	2.3	2.4	2.5	2.6	2.6	2.5	2.9
55 years and over	3.0	2.7	2.9	3.0	3.0	2.7	3.1	3.4	3.4	3.6	3.4	3.4	3.2
Females, 18 years and over	4.6	4.3	4.1	4.1	4.4	4.7	5.0	4.8	4.9	4.9	4.9	5.4	5.0
18 and 19 years	13.3	13.5	11.1	11.5	13.1	13.6	14.3	14.1	15.1	12.5	13.3	14.8	14.4
20 to 24 years	6.4	6.4	5.5	5.9	7.1	6.3	7.7	6.5	5.7	7.5	7.4	7.8	7.6
25 years and over	3.5	3.2	3.3	3.2	3.3	3.6	3.7	3.8	3.9	3.9	3.9	4.3	3.8
25 to 54 years	3.9	3.4	3.5	3.4	3.5	3.9	4.1	4.5	4.6	4.4	4.2	4.7	4.2
55 years and over	2.6	2.0	2.5	2.4	2.4	2.9	2.9	2.1	2.3	2.8	2.8	3.2	2.8

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

(In thousands)

Age and sex	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965
Total, 14 years and over	73,231	73,799	73,435	73,521	73,715	73,441	72,914	72,561	72,297	72,387	72,618	72,085	71,816
14 to 17 years	3,231	3,489	3,382	3,397	3,546	3,406	3,401	3,392	3,201	3,175	3,224	3,007	3,096
14 and 15 years	1,107	1,258	1,223	1,142	1,221	1,155	1,198	1,167	1,115	1,076	1,137	1,014	1,068
16 and 17 years	2,124	2,231	2,159	2,255	2,325	2,251	2,203	2,225	2,086	2,099	2,087	1,993	2,028
18 years and over	70,054	70,323	70,101	70,172	70,256	70,106	69,493	69,144	69,070	69,223	69,361	69,000	68,720
18 and 19 years	3,294	3,418	3,392	3,347	3,424	3,370	3,226	3,120	3,014	3,044	3,046	2,808	2,867
20 to 24 years	7,997	7,979	7,850	7,792	7,759	7,739	7,738	7,684	7,767	7,811	7,919	7,721	7,666
25 years and over	58,763	58,926	58,859	59,033	59,073	58,997	58,529	58,340	58,289	58,368	58,396	58,471	58,187
25 to 44 years	30,175	30,211	30,244	30,392	30,397	30,410	30,118	29,971	29,954	30,016	29,894	29,998	29,862
45 years and over	28,588	28,715	28,615	28,641	28,676	28,587	28,411	28,369	28,335	28,352	28,502	28,473	28,325
Males, 18 years and over	45,381	45,646	45,538	45,530	45,501	45,418	45,110	44,923	44,939	45,149	45,172	44,984	45,087
18 and 19 years	1,783	1,874	1,874	1,850	1,897	1,839	1,780	1,689	1,654	1,696	1,680	1,506	1,584
20 to 24 years	4,594	4,623	4,595	4,549	4,553	4,543	4,569	4,469	4,498	4,668	4,713	4,595	4,633
25 years and over	39,004	39,149	39,069	39,131	39,051	39,036	38,761	38,765	38,787	38,785	38,779	38,883	38,870
25 to 44 years	20,565	20,578	20,576	20,633	20,530	20,546	20,445	20,408	20,438	20,430	20,387	20,465	20,422
45 years and over	18,439	18,571	18,493	18,498	18,521	18,490	18,316	18,357	18,349	18,355	18,392	18,418	18,448
Females, 18 years and over	24,673	24,677	24,563	24,642	24,755	24,688	24,383	24,221	24,131	24,074	24,189	24,016	23,633
18 and 19 years	1,511	1,544	1,518	1,497	1,527	1,531	1,446	1,431	1,360	1,348	1,366	1,302	1,283
20 to 24 years	3,403	3,356	3,255	3,243	3,206	3,196	3,169	3,215	3,269	3,143	3,206	3,126	3,033
25 years and over	19,759	19,777	19,790	19,902	20,022	19,961	19,768	19,575	19,502	19,583	19,617	19,588	19,317
25 to 44 years	9,610	9,633	9,668	9,759	9,867	9,864	9,673	9,563	9,516	9,586	9,507	9,533	9,440
45 years and over	10,149	10,144	10,122	10,143	10,155	10,097	10,095	10,012	9,986	9,997	10,110	10,055	9,877

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	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	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.....	51,368	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,811	7,839	2,191	5,648
1959.....	53,297	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,115	8,083	2,233	5,850
1960.....	54,203	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,392	8,353	2,270	6,083
1961.....	53,989	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,610	8,594	2,279	6,315
1962.....	55,515	690	2,902	16,853	3,906	11,566	3,056	8,511	2,800	7,947	8,890	2,340	6,590
1963.....	56,602	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,226	9,225	2,358	6,868
1964.....	58,156	633	3,056	17,259	3,947	12,132	3,173	8,959	2,964	8,569	9,595	2,348	7,248
1965.....	60,444	628	3,211	17,984	4,031	12,588	3,263	9,325	3,044	8,907	10,051	2,378	7,673
1965: May.....	60,000	629	3,223	17,745	4,008	12,437	3,213	9,224	3,029	8,905	10,024	2,338	7,686
1965: June.....	60,848	640	3,412	18,027	4,070	12,596	3,269	9,327	3,062	9,008	10,033	2,374	7,659
1965: July.....	60,694	641	3,476	18,016	4,083	12,583	3,301	9,282	3,098	9,081	9,716	2,407	7,309
1965: August.....	60,960	640	3,575	18,211	4,098	12,574	3,312	9,262	3,102	9,062	9,698	2,408	7,290
1965: September.....	61,515	627	3,495	18,428	4,112	12,639	3,307	9,332	3,073	9,039	10,102	2,377	7,725
1965: October.....	61,786	629	3,465	18,412	4,104	12,736	3,321	9,415	3,066	9,073	10,301	2,384	7,917
1965: November.....	62,029	631	3,375	18,443	4,091	12,960	3,326	9,634	3,062	9,054	10,413	2,402	8,011
1965: December.....	62,660	628	3,203	18,415	4,087	13,638	3,345	10,293	3,064	9,046	10,579	2,543	8,036
1966: January.....	61,041	617	2,974	18,274	4,025	12,716	3,303	9,413	3,049	8,959	10,427	2,406	8,021
1966: February.....	61,212	613	2,851	18,457	4,034	12,617	3,299	9,318	3,054	9,030	10,556	2,431	8,125
1966: March.....	61,826	615	3,015	18,588	4,054	12,700	3,305	9,395	3,075	9,112	10,667	2,460	8,207
1966: April.....	62,497	586	3,196	18,708	4,077	12,871	3,313	9,558	3,090	9,243	10,726	2,493	8,233
1966: May.....	63,070	627	3,353	18,825	4,113	12,913	3,321	9,592	3,099	9,346	10,794	2,520	8,274

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>						
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965		
	<b>TOTAL</b> . . . . .	63,070	62,497	61,826	60,000	59,471							
	<b>MINING</b> . . . . .	627	586	615	629	623	492	449	479	493	487		
	<b>METAL MINING</b> . . . . .	-	84.4	83.5	82.9	82.8	-	70.2	69.3	69.0	68.9		
101	Iron ores . . . . .	-	25.0	24.3	26.7	26.0	-	21.0	20.3	22.8	22.2		
102	Copper ores . . . . .	-	31.9	31.7	29.6	29.5	-	26.3	26.1	24.3	24.2		
	<b>COAL MINING</b> . . . . .	-	105.1	141.8	142.1	143.6	-	87.1	124.0	124.4	125.8		
11,12	Bituminous . . . . .	-	95.7	132.1	131.9	133.4	-	78.7	115.4	115.4	116.8		
	<b>CRUDE PETROLEUM AND NATURAL GAS</b> . . . . .	-	274.5	275.3	282.4	279.5	-	191.1	191.7	198.1	195.4		
131,2	Crude petroleum and natural gas fields . . . . .	-	149.8	149.8	154.1	153.9	-	83.3	83.4	86.4	86.6		
138	Oil and gas field services . . . . .	-	124.7	125.5	128.3	125.6	-	107.8	108.3	111.7	108.8		
	<b>QUARRYING AND NONMETALLIC MINING</b> . . . . .	-	122.1	114.2	121.1	117.4	-	101.0	93.5	101.0	97.1		
142	Crushed and broken stone . . . . .	-	42.7	38.9	42.7	41.3	-	36.3	32.6	36.5	35.0		
144	Sand and gravel . . . . .	-	40.0	36.3	40.8	38.6	-	-	-	-	-		
	<b>CONTRACT CONSTRUCTION</b> . . . . .	3,353	3,196	3,015	3,223	2,978	2,849	2,705	2,525	2,745	2,504		
	<b>GENERAL BUILDING CONTRACTORS</b> . . . . .	-	1,046.3	993.9	1,009.8	936.5	-	898.3	846.3	866.5	794.7		
	<b>HEAVY CONSTRUCTION</b> . . . . .	-	611.2	513.7	663.8	565.4	-	523.6	426.9	577.7	479.5		
161	Highway and street construction . . . . .	-	294.4	221.5	345.4	273.3	-	258.0	186.8	311.4	238.3		
162	Other heavy construction . . . . .	-	316.8	292.2	318.4	292.1	-	265.6	240.1	266.3	241.2		
	<b>SPECIAL TRADE CONTRACTORS</b> . . . . .	-	1,538.6	1,507.6	1,549.1	1,476.3	-	1,283.4	1,252.2	1,300.8	1,230.1		
171	Plumbing, heating, and air conditioning . . . . .	-	370.5	367.1	362.7	354.1	-	299.6	296.3	293.3	285.5		
172	Painting, paperhanging, and decorating . . . . .	-	127.8	121.6	143.1	130.6	-	113.8	107.1	128.7	116.4		
173	Electrical work . . . . .	-	245.3	241.5	232.9	230.8	-	195.7	191.9	185.9	183.8		
174	Masonry, plastering, stone and tile work . . . . .	-	238.8	237.0	245.0	236.6	-	217.1	215.4	223.2	214.8		
176	Roofing and sheet metal work . . . . .	-	108.3	106.0	109.6	106.3	-	87.2	84.9	89.2	86.0		
	<b>MANUFACTURING</b> . . . . .	18,825	18,708	18,588	17,745	17,659	14,014	13,921	13,828	13,180	13,108		
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	11,106	11,025	10,910	10,279	10,218	8,256	8,193	8,098	7,621	7,570		
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	7,719	7,683	7,678	7,466	7,441	5,758	5,728	5,730	5,559	5,538		
	<i>Durable Goods</i>												
	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	265.1	260.2	257.4	230.4	228.6	125.2	121.6	120.2	97.7	97.2		
192	Ammunition, except for small arms . . . . .	197.2	195.2	193.1	175.2	173.4	81.8	80.5	79.2	64.5	64.0		
1925	Guided missiles and spacecraft, complete . . . . .	-	167.0	165.6	155.7	154.2	-	58.0	57.1	50.4	50.2		
194	Sighting and fire control equipment . . . . .	-	13.7	13.4	12.0	12.1	-	5.7	5.6	4.7	4.8		
191,3569	Other ordnance and accessories . . . . .	54.1	51.3	50.9	43.2	43.1	37.6	35.4	35.4	28.5	28.4		
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> . . . . .	624.3	612.2	604.1	605.4	591.3	545.6	534.8	527.4	530.7	518.0		
241	Logging camps and logging contractors . . . . .	91.6	83.7	82.7	85.2	78.3	-	-	-	-	-		
242	Sawmills and planing mills . . . . .	255.6	251.6	248.9	252.8	246.8	233.4	230.0	227.2	231.3	225.4		
2421	Sawmills and planing mills, general . . . . .	-	215.3	212.7	217.1	211.5	-	196.8	194.1	198.8	193.2		
243	Millwork, plywood, and related products . . . . .	163.3	164.3	161.4	158.5	156.4	137.0	137.7	135.2	133.6	131.8		
2431	Millwork . . . . .	-	69.6	68.7	68.6	67.8	-	56.1	55.3	55.7	54.8		
2432	Veneer and plywood . . . . .	-	75.8	75.0	72.0	71.9	-	69.1	68.3	65.9	66.0		
244	Wooden containers . . . . .	36.0	35.2	34.2	35.0	34.4	32.4	31.7	30.6	31.6	31.0		
2441,2	Wooden boxes, shooks, and crates . . . . .	-	27.3	26.6	27.2	26.6	-	24.5	23.7	24.5	24.0		
249	Miscellaneous wood products . . . . .	77.8	77.4	76.9	73.9	75.4	66.9	66.4	65.9	63.0	64.8		

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>				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES . . . . .	448.8	447.2	447.3	421.8	424.3	372.6	371.0	370.8	349.7	352.3
251	Household furniture . . . . .	327.1	328.1	326.8	306.1	307.7	280.6	280.4	279.7	261.7	263.1
2511	Wood house furniture, unupholstered . . . . .	-	171.0	170.4	158.9	159.7	-	151.8	151.3	141.4	142.2
2512	Wood house furniture, upholstered . . . . .	-	83.2	83.3	77.6	78.2	-	69.2	69.6	64.5	64.9
2515	Mattresses and bedsprings . . . . .	-	37.3	37.5	35.9	35.8	-	29.4	29.6	28.2	28.1
252	Office furniture . . . . .	-	28.6	30.3	28.4	28.3	-	22.5	23.6	22.1	22.0
254	Partitions; office and store fixtures . . . . .	-	45.1	44.8	42.0	42.7	-	33.3	32.9	31.1	32.0
253,9	Other furniture and fixtures . . . . .	45.8	45.4	45.4	45.3	45.6	34.9	34.8	34.6	34.8	35.2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	639.5	635.9	618.6	618.8	613.4	514.7	511.4	495.7	496.8	492.5
321	Flat glass . . . . .	-	33.0	32.8	31.2	31.4	-	26.4	26.1	25.0	25.3
322	Glass and glassware, pressed or blown . . . . .	119.1	117.8	115.7	113.5	112.5	104.0	102.8	100.8	99.3	98.4
3221	Glass containers . . . . .	-	63.1	61.4	62.6	61.8	-	55.7	54.0	55.5	54.6
3229	Pressed and blown glassware, n.e.c. . . . .	-	54.7	54.3	50.9	50.7	-	47.1	46.8	43.8	43.8
324	Cement, hydraulic . . . . .	38.3	37.7	36.1	38.6	38.2	29.7	29.1	27.6	30.0	29.7
325	Structural clay products . . . . .	73.1	72.1	69.8	70.5	69.9	62.1	61.0	58.8	59.6	59.2
3251	Brick and structural clay tile . . . . .	-	32.1	30.9	31.6	30.9	-	28.5	27.2	27.8	27.2
326	Pottery and related products . . . . .	-	42.8	43.0	41.9	42.2	-	36.4	36.8	35.6	35.9
327	Concrete, gypsum, and plaster products . . . . .	180.1	177.7	168.4	177.2	171.5	138.9	136.8	128.9	137.2	131.3
328,9	Other stone and mineral products . . . . .	130.2	132.3	130.4	125.7	127.4	98.2	100.1	98.1	93.8	96.3
3291	Abrasive products . . . . .	-	26.5	26.3	24.8	24.3	-	18.0	17.8	16.3	16.1
33	PRIMARY METAL INDUSTRIES . . . . .	1,324.8	1,317.1	1,299.2	1,300.2	1,299.4	1,081.4	1,076.4	1,060.3	1,065.7	1,064.7
331	Blast furnace and basic steel products . . . . .	(*)	651.6	638.4	672.3	675.2	(*)	533.0	520.6	553.7	556.7
3312	Blast furnaces, steel and rolling mills . . . . .	-	573.6	561.3	596.0	599.8	-	471.0	459.5	493.1	497.0
332	Iron and steel foundries . . . . .	236.2	235.9	232.7	225.5	225.8	201.2	202.1	199.1	193.8	194.2
3321	Gray iron foundries . . . . .	-	140.6	139.8	135.7	135.5	-	121.5	120.8	117.6	117.5
3322	Malleable iron foundries . . . . .	-	27.8	27.9	25.5	25.9	-	23.7	23.9	21.7	22.1
3323	Steel foundries . . . . .	-	67.5	65.0	64.3	64.4	-	56.9	54.4	54.5	54.6
333,4	Nonferrous smelting and refining . . . . .	75.0	74.4	73.9	71.6	71.4	58.2	57.7	57.4	55.8	55.5
335	Nonferrous rolling, drawing, and extruding . . . . .	202.7	202.8	202.1	190.2	187.7	157.0	157.2	156.9	146.5	143.7
3351	Copper rolling, drawing, and extruding . . . . .	-	46.2	46.0	44.6	44.4	-	35.8	35.6	34.6	34.2
3352	Aluminum rolling, drawing, and extruding . . . . .	-	65.8	65.6	62.0	60.4	-	51.5	51.5	47.7	46.0
3357	Nonferrous wire drawing and insulating . . . . .	-	69.7	69.8	65.0	64.3	-	54.6	54.9	51.1	50.5
336	Nonferrous foundries . . . . .	83.6	83.3	82.8	76.4	75.9	70.3	70.3	70.1	64.0	63.5
3361	Aluminum castings . . . . .	-	40.6	40.6	37.1	37.1	-	34.8	35.0	31.6	31.6
3362,9	Other nonferrous castings . . . . .	-	42.7	42.2	39.3	38.8	-	35.5	35.1	32.4	31.9
339	Miscellaneous primary metal industries . . . . .	69.2	69.1	69.3	64.2	63.4	56.1	56.1	56.2	51.9	51.1
3391	Iron and steel forgings . . . . .	-	46.5	46.6	44.1	43.8	-	38.5	38.5	36.2	36.0
34	FABRICATED METAL PRODUCTS . . . . .	1,331.8	1,326.9	1,317.0	1,251.0	1,239.3	1,038.5	1,033.4	1,023.4	967.9	958.3
341	Metal cans . . . . .	64.4	62.9	62.2	64.3	64.6	54.7	53.4	52.6	54.1	54.4
342	Cutlery, hand tools, and general hardware . . . . .	162.8	162.9	163.0	155.8	154.3	129.6	129.7	129.4	123.1	122.5
3421,3,5	Cutlery and hand tools, including saws . . . . .	-	64.0	63.6	59.7	59.2	-	51.3	50.8	47.3	47.0
3429	Hardware, n.e.c. . . . .	-	98.9	99.4	96.1	95.1	-	78.4	78.6	75.8	75.5
343	Heating equipment and plumbing fixtures . . . . .	81.1	80.3	80.8	78.9	78.1	61.4	61.1	61.2	59.1	58.3
3431,2	Sanitary ware and plumbers' brass goods . . . . .	-	37.9	37.8	37.6	37.4	-	31.1	30.9	30.5	30.5
3433	Heating equipment, except electric . . . . .	-	42.4	43.0	41.3	40.7	-	30.0	30.3	28.6	27.8
344	Fabricated structural metal products . . . . .	394.5	391.1	385.7	368.3	360.2	287.8	284.0	279.1	265.2	257.6
3441	Fabricated structural steel . . . . .	-	108.7	107.2	101.0	100.2	-	80.9	79.6	74.5	73.5
3442	Metal doors, sash, frames, and trim . . . . .	-	68.6	67.1	66.5	64.6	-	49.4	48.0	48.1	46.3
3443	Fabricated plate work (boiler shops) . . . . .	-	102.4	101.3	95.8	93.0	-	72.5	71.4	66.1	63.7
3444	Sheet metal work . . . . .	-	69.5	68.9	65.4	63.4	-	50.4	50.0	48.0	46.2
3446,9	Architectural and misc. metal work . . . . .	-	41.9	41.2	39.6	39.0	-	30.8	30.1	28.5	27.9
345	Screw machine products, bolts, etc. . . . .	100.1	99.5	99.0	92.2	91.8	79.3	78.6	78.2	72.8	72.3
3451	Screw machine products . . . . .	-	42.9	42.7	38.9	38.7	-	36.5	36.3	33.2	32.9
3452	Bolts, nuts, screws, rivets, and washers . . . . .	-	56.6	56.3	53.3	53.1	-	42.1	41.9	39.6	39.4
346	Metal stampings . . . . .	235.5	237.3	237.5	219.9	218.7	192.2	193.8	194.2	179.7	178.9
347	Coating, engraving, and allied services . . . . .	78.4	78.1	78.2	71.9	72.9	66.2	65.9	65.9	60.5	61.3
348	Miscellaneous fabricated wire products . . . . .	65.4	65.7	65.7	61.2	61.6	53.1	53.3	53.3	49.3	49.9
349	Miscellaneous fabricated metal products . . . . .	149.6	149.1	144.9	138.5	137.1	114.2	113.6	109.5	104.1	103.1
3494,8	Valves, pipe, and pipe fittings . . . . .	-	86.7	83.4	81.3	79.9	-	63.1	59.9	59.1	58.0

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>				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
<i>Durable Goods--Continued</i>											
35	<b>MACHINERY . . . . .</b>	1,834.7	1,824.2	1,812.8	1,702.4	1,698.4	1,294.2	1,285.6	1,276.8	1,192.4	1,189.7
351	Engines and turbines . . . . .	96.3	95.5	94.8	88.5	89.6	66.7	66.3	65.7	59.6	60.9
3511	Steam engines and turbines . . . . .	-	33.4	32.8	32.7	32.4	-	19.5	19.2	18.6	18.5
3519	Internal combustion engines, n.e.c. . . . .	-	62.1	62.0	55.8	57.2	-	46.8	46.5	41.0	42.4
352	Farm machinery and equipment . . . . .	-	148.1	147.9	135.7	137.1	-	110.2	110.4	99.4	100.7
353	Construction and related machinery . . . . .	265.9	262.5	260.3	247.9	246.6	184.2	181.5	178.9	170.3	169.4
3531.2	Construction and mining machinery . . . . .	-	143.7	142.1	135.1	134.4	-	103.1	100.9	96.2	95.7
3533	Oil field machinery and equipment . . . . .	-	36.8	36.6	36.5	36.3	-	25.0	25.0	24.9	24.7
3535.6	Conveyors, hoists, and industrial cranes . . . . .	-	38.1	38.1	34.9	35.2	-	25.3	25.3	22.9	23.4
354	Metalworking machinery and equipment . . . . .	320.7	319.9	317.8	298.0	297.9	243.4	243.1	241.1	225.1	224.9
3541	Machine tools, metal cutting types . . . . .	-	79.7	79.5	73.1	73.0	-	56.3	56.1	51.2	51.1
3544	Special dies, tools, jigs, and fixtures . . . . .	-	107.9	107.0	101.6	102.0	-	89.7	88.8	83.8	84.2
3545	Machine tool accessories . . . . .	-	56.5	55.7	51.9	51.6	-	41.9	41.1	38.2	37.9
3542.8	Miscellaneous metalworking machinery . . . . .	-	75.8	75.6	71.4	71.3	-	55.2	55.1	51.9	51.7
355	Special industry machinery . . . . .	197.7	197.1	197.9	190.2	189.2	137.1	136.2	137.2	131.9	130.9
3551	Food products machinery . . . . .	-	39.7	40.4	39.1	38.8	-	25.6	26.4	25.6	25.0
3552	Textile machinery . . . . .	-	43.9	44.1	42.3	42.2	-	34.2	34.5	32.9	32.9
3555	Printing trades machinery . . . . .	-	29.2	27.4	26.8	26.7	-	20.8	19.0	18.9	18.9
356	General industrial machinery . . . . .	273.9	271.5	271.5	256.0	253.6	185.3	183.7	184.4	173.1	171.0
3561	Pumps; air and gas compressors . . . . .	-	74.0	74.5	71.0	69.9	-	42.8	43.4	41.6	40.6
3562	Ball and roller bearings . . . . .	-	60.9	60.8	57.6	56.8	-	48.2	48.4	45.5	44.6
3566	Mechanical power transmission goods . . . . .	-	52.9	52.3	48.8	49.0	-	39.8	39.4	36.4	36.7
357	Office, computing, and accounting machines . . . . .	218.9	218.3	215.8	190.8	190.5	130.6	129.0	127.8	111.9	112.3
3571	Computing machines and cash registers . . . . .	-	166.7	165.2	146.6	144.6	-	93.4	93.2	82.5	81.1
358	Service industry machines . . . . .	114.6	113.4	110.4	114.0	113.3	80.6	79.4	76.6	80.4	79.6
3585	Refrigeration, except home refrigerators . . . . .	-	69.4	66.8	71.3	71.1	-	48.7	46.1	50.7	50.4
359	Miscellaneous machinery . . . . .	198.5	197.9	196.4	181.3	180.6	156.3	156.2	154.7	140.7	140.0
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .</b>	1,878.4	1,862.0	1,829.7	1,631.7	1,620.4	1,299.8	1,289.1	1,265.3	1,113.9	1,105.7
361	Electric distribution equipment . . . . .	190.2	188.1	186.2	168.8	166.9	130.3	129.3	127.9	114.4	113.4
3611	Electric measuring instruments . . . . .	-	65.8	64.6	55.8	55.1	-	44.5	43.6	36.6	36.3
3612	Power and distribution transformers . . . . .	-	47.4	47.4	44.5	43.9	-	33.3	33.5	31.2	30.9
3613	Switchgear and switchboard apparatus . . . . .	-	74.9	74.2	68.5	67.9	-	51.5	50.8	46.6	46.2
362	Electrical industrial apparatus . . . . .	209.5	209.2	207.2	190.6	188.8	149.6	149.2	147.6	133.1	131.3
3621	Motors and generators . . . . .	-	114.7	113.0	103.7	102.1	-	82.8	81.5	73.4	72.0
3622	Industrial controls . . . . .	-	57.0	57.0	51.5	51.1	-	38.2	38.0	33.8	33.5
363	Household appliances . . . . .	185.9	183.3	169.3	168.1	168.6	147.3	145.2	131.7	132.2	132.3
3632	Household refrigerators and freezers . . . . .	-	62.8	56.6	56.9	57.3	-	51.9	45.9	47.0	46.9
3633	Household laundry equipment . . . . .	-	26.8	23.7	24.6	24.4	-	20.7	17.5	18.8	18.7
3634	Electric housewares and fans . . . . .	-	40.5	40.7	38.5	38.0	-	31.8	32.0	30.4	29.8
364	Electric lighting and wiring equipment . . . . .	183.6	181.6	179.8	163.9	164.0	143.7	142.1	140.8	127.4	127.8
3641	Electric lamps . . . . .	-	34.8	34.5	31.2	31.2	-	30.8	30.5	27.4	27.4
3642	Lighting fixtures . . . . .	-	62.0	61.9	57.3	58.0	-	48.5	48.3	44.3	45.0
3643.4	Wiring devices . . . . .	-	84.8	83.4	75.4	74.8	-	62.8	62.0	55.7	55.4
365	Radio and TV receiving sets . . . . .	158.5	158.9	158.9	129.0	125.6	124.1	124.7	126.1	100.4	97.8
366	Communication equipment . . . . .	475.6	470.9	465.3	419.9	418.6	240.2	238.2	235.1	209.8	210.1
3661	Telephone and telegraph apparatus . . . . .	-	131.1	130.2	116.6	115.7	-	90.5	89.9	80.5	80.3
3662	Radio and TV communication equipment . . . . .	-	339.8	335.1	303.3	302.9	-	147.7	145.2	129.3	129.8
367	Electronic components and accessories . . . . .	369.4	365.3	359.4	293.2	289.8	283.1	279.9	276.1	221.4	217.9
3671-3	Electron tubes . . . . .	-	82.5	79.4	67.1	66.5	-	59.3	56.5	46.3	45.8
3674.9	Electronic components, n.e.c. . . . .	-	282.8	280.9	226.1	223.3	-	220.6	219.6	175.1	172.1
369	Misc. electrical equipment and supplies . . . . .	105.7	104.7	103.6	98.2	98.1	81.5	80.5	80.0	75.2	75.1
3694	Electrical equipment for engines . . . . .	-	58.1	58.1	53.7	54.5	-	45.9	46.0	41.7	42.5
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	1,903.0	1,893.3	1,887.6	1,730.1	1,717.5	1,363.7	1,358.4	1,354.6	1,239.5	1,226.6
371	Motor vehicles and equipment . . . . .	(*)	892.1	892.1	855.9	848.9	(*)	696.0	698.8	672.5	665.9
3711	Motor vehicles . . . . .	-	376.7	376.3	360.7	358.3	-	281.7	281.5	271.0	269.2
3712	Passenger car bodies . . . . .	-	71.5	72.0	68.6	68.8	-	58.6	59.1	56.3	56.6
3713	Truck and bus bodies . . . . .	-	36.6	35.8	34.3	33.4	-	29.7	29.1	28.1	27.2
3714	Motor vehicle parts and accessories . . . . .	-	378.4	381.7	367.0	363.9	-	305.5	308.5	297.4	293.9
372	Aircraft and parts . . . . .	725.6	715.1	706.7	602.3	598.7	431.0	425.4	417.2	342.3	338.8
3721	Aircraft . . . . .	-	394.4	389.9	319.7	316.5	-	229.6	223.5	175.9	173.1
3722	Aircraft engines and engine parts . . . . .	-	206.4	204.2	184.8	185.3	-	117.5	116.5	100.7	101.1
3723.9	Other aircraft parts and equipment . . . . .	-	114.3	112.6	97.8	96.9	-	78.3	77.2	65.7	64.6
373	Ship and boat building and repairing . . . . .	171.9	172.8	177.5	161.6	162.4	142.4	143.3	149.3	136.2	135.8
3731	Ship building and repairing . . . . .	-	143.3	145.1	130.8	131.1	-	119.0	122.0	110.1	109.3
3732	Boat building and repairing . . . . .	-	29.5	32.4	30.8	31.3	-	24.3	27.3	26.1	26.5
374	Railroad equipment . . . . .	-	58.5	57.2	54.9	54.0	-	46.1	44.9	43.0	42.3
375.9	Other transportation equipment . . . . .	-	57.3	54.1	55.4	53.5	-	47.6	44.4	45.5	43.8

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>				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
<i>Durable Goods--Continued</i>											
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . .</b>	417.4	413.9	411.8	375.2	376.8	268.9	266.4	266.0	237.6	239.8
381	Engineering and scientific instruments . . .	-	71.3	71.8	65.1	69.1	-	36.9	37.5	31.7	35.6
382	Mechanical measuring and control devices . . .	104.8	104.2	103.2	98.9	98.2	68.7	68.4	67.9	64.7	64.2
3821	Mechanical measuring devices . . . . .	-	64.1	63.2	60.6	60.0	-	40.1	39.7	37.8	37.4
3822	Automatic temperature controls . . . . .	-	40.1	40.0	38.3	38.2	-	28.3	28.2	26.9	26.8
383,5	Optical and ophthalmic goods . . . . .	49.3	49.3	48.9	45.7	45.5	35.7	35.8	35.5	32.7	32.5
385	Ophthalmic goods . . . . .	-	34.2	33.9	31.6	31.4	-	26.3	26.1	23.9	23.7
384	Surgical, medical, and dental equipment . . .	64.1	63.6	62.8	56.7	56.5	44.4	44.1	44.0	39.1	39.0
386	Photographic equipment and supplies . . . .	91.0	90.9	89.8	78.8	78.0	53.1	53.1	52.3	45.4	44.9
387	Watches and clocks . . . . .	-	34.6	35.3	30.0	29.5	-	28.1	28.8	24.0	23.6
<b>MISCELLANEOUS MANUFACTURING</b>											
39	<b>INDUSTRIES . . . . .</b>	437.9	432.5	424.7	412.1	408.1	350.9	345.1	337.8	329.0	325.6
391	Jewelry, silverware, and plated ware . . . .	47.1	47.3	46.8	44.5	44.5	37.2	37.0	36.7	35.1	34.9
394	Toys, amusement, and sporting goods . . . .	-	118.6	112.9	114.4	111.7	-	98.5	92.8	95.2	92.7
3941-3	Toys, games, dolls, and play vehicles . . .	-	72.6	68.3	72.1	69.2	-	60.4	55.8	60.6	58.0
3949	Sporting and athletic goods, n.e.c. . . . .	-	46.0	44.6	42.3	42.5	-	38.1	37.0	34.6	34.7
395	Pens, pencils, office, and art materials . . .	-	35.3	35.0	32.7	32.1	-	26.2	25.9	24.1	23.6
396	Costume jewelry, buttons, and notions . . . .	-	55.1	54.6	52.5	52.4	-	45.6	45.1	43.0	42.9
393,8,9	Other manufacturing industries . . . . .	176.1	176.2	175.4	168.0	167.4	137.9	137.8	137.3	131.6	131.5
393	Musical instruments and parts . . . . .	-	26.7	26.7	24.0	23.9	-	22.2	22.3	19.9	20.0
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	1,665.5	1,657.6	1,656.8	1,670.0	1,649.5	1,081.8	1,074.6	1,075.3	1,080.2	1,061.8
201	Meat products . . . . .	298.6	295.7	296.2	300.6	298.1	236.9	233.8	234.4	236.8	234.0
2011	Meat packing . . . . .	-	180.2	180.9	187.3	186.5	-	138.7	139.3	143.7	142.7
2013	Sausages and other prepared meats . . . .	-	48.6	48.5	49.3	49.3	-	34.4	34.3	35.2	35.0
2015	Poultry dressing and packing . . . . .	-	66.9	66.8	64.0	62.3	-	60.7	60.8	57.9	56.3
202	Dairy products . . . . .	277.3	276.4	274.3	286.7	283.4	127.7	126.3	124.4	132.4	130.0
2024	Ice cream and frozen desserts . . . . .	-	29.6	28.1	31.8	30.0	-	15.5	14.6	17.4	16.0
2026	Fluid milk . . . . .	-	200.2	200.6	205.1	204.8	-	74.8	75.0	77.1	77.0
203	Canned and preserved food, except meats . .	-	231.3	224.5	216.0	207.2	-	189.5	182.9	176.5	168.1
2031,6	Canned, cured, and frozen sea foods . . .	-	37.3	37.3	38.2	35.4	-	33.0	32.9	34.3	31.3
2032,3	Canned food, except sea foods . . . . .	-	111.3	108.6	106.5	99.0	-	86.1	83.4	82.8	75.8
2037	Frozen food, except sea foods . . . . .	-	53.3	48.9	45.2	46.8	-	47.6	43.4	39.6	41.3
204	Grain mill products . . . . .	120.2	119.9	121.3	123.9	123.0	83.5	83.0	84.5	86.9	85.8
2041	Flour and other grain-mill products . . . .	-	29.3	29.9	31.3	31.7	-	20.8	21.3	22.3	22.7
2042	Prepared feeds for animals and fowls . . .	-	51.1	51.5	53.5	51.9	-	32.9	33.2	35.6	33.8
205	Bakery products . . . . .	275.8	276.3	277.2	283.3	282.0	159.3	159.7	160.4	164.4	162.8
2051	Bread, cake, and perishable products . . .	-	235.0	235.0	241.0	239.6	-	125.0	125.1	128.7	127.5
2052	Biscuit, crackers, and pretzels . . . . .	-	41.3	42.2	42.3	42.4	-	34.7	35.3	35.7	35.3
206	Sugar . . . . .	-	30.7	31.8	29.8	29.9	-	23.9	25.0	23.2	23.2
207	Confectionery and related products . . . . .	70.7	70.4	76.1	72.4	73.3	57.1	56.9	62.5	57.9	58.6
2071	Candy and other confectionery products . .	-	57.1	62.7	58.8	59.9	-	47.6	53.1	48.3	49.2
208	Beverages . . . . .	222.7	220.4	217.3	220.1	214.6	114.2	113.0	110.9	112.8	109.3
2082	Malt liquors . . . . .	-	59.8	58.7	62.1	60.8	-	39.6	38.7	41.4	40.3
2086	Bottled and canned soft drinks . . . . .	-	120.6	118.6	119.1	115.6	-	45.8	44.7	44.8	42.6
209	Miscellaneous food and kindred products . .	136.8	136.5	138.1	137.2	138.0	88.3	88.5	90.3	89.3	90.0
21	<b>TOBACCO MANUFACTURES . . . . .</b>	72.1	73.7	75.8	74.0	74.8	60.4	61.9	64.0	62.8	63.6
211	Cigarettes . . . . .	-	37.9	37.4	37.3	37.3	-	31.0	30.5	31.0	31.0
212	Cigars . . . . .	-	21.7	21.5	22.9	23.1	-	20.1	19.9	21.2	21.5
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	948.0	945.7	941.1	914.4	913.0	846.7	844.1	840.0	816.6	816.0
221	Cotton broad woven fabrics . . . . .	237.1	237.0	236.4	229.3	229.1	218.2	217.5	217.2	210.7	210.8
222	Silk and synthetic broad woven fabrics . . .	93.3	93.4	93.5	89.4	89.7	84.1	84.3	84.4	80.4	81.0
223	Weaving and finishing broad woolens . . . .	44.3	44.0	44.1	44.0	43.7	38.9	38.6	38.7	38.6	38.3
224	Narrow fabrics and small wares . . . . .	30.5	30.5	30.4	29.0	29.1	27.2	27.2	27.1	25.7	25.9
225	Knitting . . . . .	238.9	237.2	232.9	229.0	227.1	214.5	212.6	208.5	206.1	204.2
2251	Women's full and knee length hosiery . . .	-	53.6	53.5	51.8	52.2	-	49.2	49.0	47.2	47.6
2252	All other hosiery . . . . .	-	41.9	42.0	43.0	42.7	-	38.3	38.3	39.6	39.3
2253	Knit outerwear . . . . .	-	77.3	73.9	74.0	72.7	-	68.1	64.8	65.7	64.2
2254	Knit underwear . . . . .	-	34.3	34.0	32.6	32.3	-	30.7	30.6	29.6	29.3
226	Finishing textiles, except wool and knit . .	75.7	75.5	75.1	76.4	76.8	63.8	63.9	63.6	64.7	65.2
227	Floor coverings . . . . .	-	41.1	41.2	39.8	40.3	-	33.4	33.6	32.6	33.3
228	Yarn and thread . . . . .	114.8	113.8	114.0	107.7	107.5	106.7	105.8	105.9	99.9	99.5
229	Miscellaneous textile goods . . . . .	72.5	73.2	73.5	69.8	69.7	60.1	60.8	61.0	57.9	57.8

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									
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
<i>Nondurable Goods--Continued</i>											
23	<b>APPAREL AND RELATED PRODUCTS</b> . . . . .	1,391.9	1,376.7	1,398.0	1,330.8	1,328.8	1,237.0	1,222.9	1,244.1	1,183.9	1,182.5
231	Men's and boys' suits and coats . . . . .	121.7	120.3	121.2	119.4	117.4	109.0	107.5	108.4	107.3	105.4
232	Men's and boys' furnishings . . . . .	368.7	365.3	364.3	349.6	346.5	333.5	330.4	329.4	317.6	315.0
2321	Men's and boys' shirts and nightwear . . . . .	-	129.5	128.4	125.2	123.8	-	117.2	116.1	113.8	112.5
2327	Men's and boys' separate trousers . . . . .	-	75.9	76.9	73.7	73.3	-	71.1	72.1	69.1	69.1
2328	Work clothing . . . . .	-	79.8	79.5	74.2	73.6	-	71.1	70.7	66.7	66.1
233	Women's, misses', and juniors' outerwear . . . . .	418.6	412.3	428.5	399.8	404.6	374.1	368.0	384.0	357.3	362.2
2331	Women's blouses, waists, and shirts . . . . .	-	54.2	54.3	52.3	53.6	-	49.9	49.9	48.1	49.4
2335	Women's, misses', and juniors' dresses . . . . .	-	207.0	204.0	198.2	205.7	-	185.5	182.8	177.1	184.8
2337	Women's suits, skirts, and coats . . . . .	-	71.2	90.3	73.5	67.8	-	62.2	80.8	65.3	59.5
2339	Women's and misses' outerwear, n.e.c. . . . .	-	79.9	79.9	75.8	77.5	-	70.4	70.5	66.8	68.5
234	Women's and children's undergarments . . . . .	128.4	128.5	128.3	122.8	123.0	113.4	113.6	113.4	108.3	108.3
2341	Women's and children's underwear . . . . .	-	82.3	82.7	78.5	78.4	-	74.5	74.9	71.3	71.1
2342	Corsets and allied garments . . . . .	-	46.2	45.6	44.3	44.6	-	39.1	38.5	37.0	37.2
235	Hats, caps, and millinery . . . . .	-	27.3	32.0	28.0	29.5	-	24.2	28.6	24.6	25.9
236	Girls' and children's outerwear . . . . .	81.7	79.1	81.6	79.3	75.9	73.4	71.0	73.5	70.9	67.5
2361	Children's dresses, blouses, and shirts . . . . .	-	37.3	38.0	36.1	35.9	-	34.0	34.6	32.6	32.4
237,8	Fur goods and miscellaneous apparel . . . . .	-	76.5	75.7	73.5	72.7	-	66.5	65.6	63.8	63.1
239	Miscellaneous fabricated textile products . . . . .	166.9	167.4	166.4	158.4	159.2	143.0	141.7	141.2	134.1	135.1
2391,2	Housefurnishings . . . . .	-	58.1	58.5	55.0	56.0	-	49.9	50.3	47.1	48.3
26	<b>PAPER AND ALLIED PRODUCTS</b> . . . . .	657.1	654.9	651.5	628.7	628.7	512.5	510.9	506.9	490.1	490.1
261,2,6	Paper and pulp . . . . .	212.7	211.6	210.8	209.4	208.9	168.3	167.6	166.7	166.0	165.6
263	Paperboard . . . . .	68.2	68.2	68.7	66.9	66.8	53.9	53.8	53.5	53.2	53.3
264	Converted paper and paperboard products . . . . .	164.7	164.9	163.2	154.2	154.5	121.8	121.9	120.3	113.3	113.6
2643	Bags, except textile bags . . . . .	-	39.6	39.6	36.4	37.3	-	31.9	31.8	29.2	30.0
265	Paperboard containers and boxes . . . . .	211.5	210.2	208.8	198.2	198.5	166.5	167.6	166.4	157.6	157.6
2651,2	Folding and setup paperboard boxes . . . . .	-	69.9	69.5	65.9	65.7	-	57.7	57.3	54.0	53.7
2653	Corrugated and solid fiber boxes . . . . .	-	92.4	92.0	87.2	87.8	-	71.4	71.0	67.4	67.7
27	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b> . . . . .	1,009.2	1,010.0	1,001.2	967.3	968.5	641.6	642.9	637.6	613.1	613.8
271	Newspaper publishing and printing . . . . .	351.3	353.0	347.0	341.7	342.1	178.0	179.3	175.7	173.8	173.4
272	Periodical publishing and printing . . . . .	-	70.7	70.9	67.7	68.2	-	25.1	25.5	24.4	24.9
273	Books . . . . .	-	84.6	84.2	79.7	79.9	-	53.1	53.0	49.2	49.4
275	Commercial printing . . . . .	321.5	321.3	320.1	306.7	307.0	252.0	252.3	251.6	239.7	240.1
2751	Commercial printing, except lithographic . . . . .	-	207.6	207.1	199.0	199.3	-	165.0	164.7	157.2	157.6
2752	Commercial printing, lithographic . . . . .	-	101.5	101.0	96.4	96.4	-	77.4	77.2	73.4	73.4
278	Bookbinding and related industries . . . . .	54.0	53.7	53.4	50.9	50.8	44.7	44.3	44.0	41.4	41.4
274,6,7,9	Other publishing and printing industries . . . . .	126.6	126.7	125.6	120.6	120.5	88.6	88.8	87.8	84.6	84.6
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> . . . . .	942.9	938.5	929.8	898.8	899.9	566.0	564.4	556.5	543.6	545.4
281	Industrial chemicals . . . . .	294.2	294.8	293.5	286.5	287.1	165.8	166.7	166.2	164.3	165.2
2812	Alkalies and chlorine . . . . .	-	24.0	23.9	22.3	24.0	-	16.6	16.6	15.4	17.1
2818	Industrial organic chemicals, n.e.c. . . . .	-	121.0	120.3	115.2	114.4	-	55.5	55.3	54.7	54.2
2819	Industrial inorganic chemicals, n.e.c. . . . .	-	90.9	90.6	91.9	91.7	-	55.7	55.6	56.7	56.5
282	Plastics materials and synthetics . . . . .	212.0	210.6	209.7	196.1	192.6	141.9	140.6	139.4	133.4	130.2
2821	Plastics materials and resins . . . . .	-	90.0	90.6	85.0	82.1	-	57.1	57.1	54.4	51.8
2823,4	Synthetic fibers . . . . .	-	105.6	104.5	97.1	96.5	-	73.7	72.8	69.7	69.0
283	Drugs . . . . .	120.4	119.9	119.7	110.6	113.7	63.5	63.4	63.0	56.3	59.4
2834	Pharmaceutical preparations . . . . .	-	88.9	88.9	81.0	84.2	-	45.2	45.0	39.3	42.5
284	Soap, cleaners, and toilet goods . . . . .	106.6	102.0	101.0	103.3	103.1	63.9	61.1	60.4	63.3	63.1
2841	Soap and detergents . . . . .	-	32.8	33.2	36.3	36.3	-	21.1	21.4	24.8	24.9
2844	Toilet preparations . . . . .	-	38.2	37.4	37.5	37.5	-	23.1	22.7	22.7	22.7
285	Paints, varnishes, and allied products . . . . .	66.1	65.3	65.0	65.1	65.0	37.1	36.2	36.1	36.4	36.4
287	Agricultural chemicals . . . . .	57.7	61.5	57.6	59.3	60.9	38.8	42.6	38.5	41.3	42.8
2871,2	Fertilizers, complete and mixing only . . . . .	-	47.3	43.4	45.7	47.3	-	35.1	31.1	34.1	35.6
286,9	Other chemical products . . . . .	85.9	84.4	83.3	77.9	77.5	55.0	53.8	52.9	48.6	48.3
29	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b> . . . . .	176.2	174.9	173.3	176.6	176.8	109.8	108.6	107.2	108.6	108.9
291	Petroleum refining . . . . .	140.3	140.2	139.9	142.8	143.2	84.6	84.4	84.1	85.4	85.7
295,9	Other petroleum and coal products . . . . .	35.9	34.7	33.4	33.8	33.6	25.2	24.2	23.1	23.2	23.2
30	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b> . . . . .	495.5	492.2	487.9	457.2	456.2	386.3	383.6	380.3	355.2	354.4
301	Tires and inner tubes . . . . .	106.7	105.5	105.1	100.4	100.4	75.7	74.6	74.3	71.7	71.8
302,3,6	Other rubber products . . . . .	179.3	177.4	177.5	170.4	170.6	142.2	140.8	141.1	134.6	134.7
307	Miscellaneous plastics products . . . . .	209.5	209.3	205.3	186.4	185.2	168.4	168.2	164.9	148.9	147.9
31	<b>LEATHER AND LEATHER PRODUCTS</b> . . . . .	360.6	358.7	362.8	347.7	344.3	316.3	313.9	318.5	305.3	301.7
311	Leather tanning and finishing . . . . .	31.7	31.8	32.0	31.0	31.5	27.8	27.6	27.9	27.0	27.4
314	Footwear, except rubber . . . . .	237.5	235.2	238.7	230.9	230.0	211.0	208.8	212.5	205.5	204.6
312,3,5,9	Other leather products . . . . .	91.4	91.7	92.1	85.8	82.8	77.5	77.5	78.1	72.8	69.7
317	Handbags and personal leather goods . . . . .	-	37.7	39.3	35.0	35.4	-	32.7	34.2	30.1	30.4

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>				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,113	4,077	4,054	4,008	3,977	—	—	—	—	—
40	RAIL ROAD TRANSPORTATION .....	—	715.0	710.7	737.0	734.6	—	—	—	—	—
4011	Class I railroads <sup>2</sup> .....	—	619.6	615.3	640.6	637.3	—	—	—	—	—
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	—	268.6	271.9	270.4	270.0	—	—	—	—	—
411	Local and suburban transportation .....	—	81.9	82.7	83.5	83.2	—	77.6	78.2	79.3	79.0
412	Taxicabs .....	—	107.9	109.6	107.8	109.7	—	—	—	—	—
413	Intercity and rural bus lines .....	—	41.4	40.9	41.0	40.6	—	37.8	37.2	37.9	37.4
42	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE</b> .....	—	974.0	970.5	946.2	930.0	—	885.9	883.0	861.9	845.8
422	Public warehousing .....	—	75.7	78.0	77.1	76.6	—	65.9	68.1	67.3	66.9
45	<b>AIR TRANSPORTATION</b> .....	—	251.9	247.6	226.9	224.3	—	—	—	—	—
451,2	Air transportation, common carriers .....	—	225.3	221.4	204.3	201.6	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION</b> .....	—	18.6	18.6	19.3	19.2	—	15.5	15.5	16.2	16.1
44,47	<b>OTHER TRANSPORTATION</b> .....	—	319.1	314.3	319.7	314.5	—	—	—	—	—
48	<b>COMMUNICATION</b> .....	—	909.0	901.4	875.4	871.4	—	717.9	712.4	693.9	690.3
481	Telephone communication .....	—	759.8	753.0	731.3	727.8	—	604.3	599.7	583.7	580.3
482	Telegraph communication <sup>3</sup> .....	—	32.1	31.9	31.4	31.2	—	22.0	22.0	21.8	21.7
483	Radio and television broadcasting .....	—	110.7	110.1	106.3	106.0	—	89.4	88.6	86.4	86.3
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> .....	—	620.8	619.0	613.5	612.8	—	539.2	537.4	533.6	532.7
491	Electric companies and systems .....	—	252.6	251.9	249.7	249.2	—	214.4	213.8	211.6	211.1
492	Gas companies and systems .....	—	154.9	154.9	152.6	152.5	—	134.1	134.0	133.7	133.5
493	Combined utility systems .....	—	175.1	174.6	173.6	173.4	—	157.2	156.6	155.6	155.3
494-7	Water, steam, and sanitary systems .....	—	38.2	37.6	37.6	37.7	—	33.5	33.0	32.7	32.8
—	<b>WHOLESALE AND RETAIL TRADE</b> .....	12,913	12,871	12,700	12,437	12,418	11,509	11,467	11,306	11,101	11,087
50	<b>WHOLESALE TRADE</b> .....	3,321	3,313	3,305	3,213	3,199	2,809	2,801	2,795	2,727	2,714
501	Motor vehicles and automotive equipment .....	—	254.3	254.1	248.9	248.4	—	213.5	213.3	208.8	208.3
502	Drugs, chemicals, and allied products .....	—	199.4	199.8	194.3	193.8	—	164.5	165.4	160.8	160.2
503	Dry goods and apparel .....	—	142.9	143.2	135.9	135.9	—	115.7	116.5	109.8	110.0
504	Groceries and related products .....	—	481.4	483.1	484.0	479.6	—	422.0	422.9	425.7	420.7
506	Electrical goods .....	—	269.9	267.8	254.0	253.4	—	223.3	221.8	212.8	212.0
507	Hardware, plumbing, and heating goods .....	—	155.2	154.2	148.5	147.2	—	131.3	130.5	126.5	125.1
508	Machinery, equipment, and supplies .....	—	590.8	586.6	563.6	558.4	—	499.3	495.9	477.7	473.0
509	Miscellaneous wholesalers .....	—	1,141.3	1,135.2	1,104.0	1,101.8	—	967.5	961.3	937.3	936.9
52-59	<b>RETAIL TRADE</b> .....	9,592	9,558	9,395	9,224	9,219	8,700	8,666	8,511	8,374	8,373
53	<b>GENERAL MERCHANDISE STORES</b> .....	—	1,877.3	1,838.7	1,783.6	1,797.7	—	1,719.2	1,683.0	1,632.3	1,645.4
531	Department stores .....	—	1,174.3	1,152.7	1,107.0	1,111.1	—	1,074.7	1,055.3	1,014.2	1,017.8
532	Mail order houses .....	—	114.3	116.0	107.3	107.4	—	106.9	108.7	100.2	100.2
533	Limited price variety stores .....	—	317.9	308.8	305.7	315.3	—	297.0	287.8	285.4	294.7
54	<b>FOOD STORES</b> .....	—	1,533.5	1,533.5	1,457.1	1,465.0	—	1,424.1	1,424.4	1,354.2	1,362.4
541-3	Grocery, meat, and vegetable stores .....	—	1,361.5	1,364.1	1,287.7	1,289.4	—	1,263.7	1,266.4	1,194.5	1,196.3
56	<b>APPAREL AND ACCESSORIES STORES</b> .....	—	652.6	616.1	624.3	665.9	—	587.4	551.5	561.9	603.1
561	Men's and boys' apparel stores .....	—	109.1	106.3	101.8	103.8	—	97.9	95.7	91.4	93.3
562	Women's ready-to-wear stores .....	—	229.5	222.6	228.0	238.0	—	208.1	201.4	206.6	216.4
565	Family clothing stores .....	—	100.1	98.3	101.8	106.9	—	92.6	90.4	94.2	99.6
566	Shoe stores .....	—	140.4	118.0	122.8	140.3	—	124.2	102.0	107.6	124.4
57	<b>FURNITURE AND APPLIANCE STORES</b> .....	—	417.8	418.5	402.8	401.6	—	366.9	367.6	356.8	356.3
571	Furniture and home furnishings .....	—	270.3	269.5	261.1	261.1	—	236.6	236.5	230.9	231.5
58	<b>EATING AND DRINKING PLACES</b> .....	—	1,943.9	1,899.8	1,923.6	1,879.2	—	1,815.2	1,772.8	1,794.0	1,750.9
52,55,59	<b>OTHER RETAIL TRADE</b> .....	—	3,133.1	3,088.7	3,032.7	3,009.5	—	2,753.6	2,712.0	2,674.7	2,654.6
52	Building materials and hardware .....	—	549.6	537.5	540.2	529.2	—	473.0	461.0	466.2	455.7
55	Auto dealers and service stations .....	—	1,450.1	1,441.4	1,419.3	1,409.5	—	—	—	—	—
551,2	Motor vehicle dealers .....	—	746.1	746.2	721.2	718.0	—	638.0	638.9	621.6	619.2
553,9	Other vehicle and accessory dealers .....	—	180.6	176.7	176.9	173.8	—	156.4	152.8	154.0	151.0
554	Gasoline service stations .....	—	523.4	518.5	521.2	517.7	—	—	—	—	—
59	Miscellaneous retail stores .....	—	1,133.4	1,109.8	1,073.2	1,070.8	—	—	—	—	—
591	Drug stores .....	—	420.1	415.3	399.7	399.6	—	381.4	377.3	364.6	365.4
596	Farm and garden supply stores .....	—	108.9	102.3	99.3	97.0	—	—	—	—	—
598	Fuel and ice dealers .....	—	108.6	113.5	102.7	107.9	—	94.5	99.4	90.0	95.2

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)									
		All employees					Production workers <sup>1</sup>				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	3,099	3,090	3,075	3,029	3,012	2,470	2,461	2,448	2,424	2,409
60	Banking	-	798.7	795.8	774.3	774.9	-	665.0	662.3	648.0	648.4
61	Credit agencies other than banks	-	335.6	336.2	328.0	326.6	-	267.7	268.5	264.2	262.8
612	Savings and loan associations	-	93.7	93.8	94.0	93.8	-	76.0	76.0	77.1	76.8
614	Personal credit institutions	-	185.4	185.6	177.9	176.5	-	-	-	-	-
62	Security dealers and exchanges	-	138.3	136.7	127.9	127.8	-	121.7	120.4	112.7	112.7
63	Insurance carriers	-	920.4	920.5	906.1	906.4	-	647.0	645.5	638.3	639.6
631	Life insurance	-	483.0	482.7	480.1	480.2	-	276.0	275.4	276.0	276.5
632	Accident and health insurance	-	59.6	59.3	56.3	56.2	-	50.8	50.2	47.7	47.7
633	Fire, marine, and casualty insurance	-	333.4	333.0	324.6	324.9	-	282.4	282.2	276.7	277.3
64	Insurance agents, brokers, and services	-	237.6	237.1	231.1	230.6	-	-	-	-	-
65	Real estate	-	575.7	566.2	561.1	564.5	-	-	-	-	-
656	Operative builders	-	46.1	44.9	47.4	45.2	-	-	-	-	-
66,67	Other finance, insurance, and real estate	-	82.8	82.5	80.6	81.4	-	-	-	-	-
-	<b>SERVICES AND MISCELLANEOUS</b>	9,346	9,243	9,112	8,905	8,796	-	-	-	-	-
70	Hotels and lodging places	-	684.3	657.2	675.7	644.6	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	631.6	608.9	617.9	591.9	-	590.9	568.5	579.2	553.8
72	Personal services	-	978.3	971.7	969.7	961.4	-	-	-	-	-
721	Laundries, cleaning and dyeing plants	-	541.2	535.7	544.0	536.3	-	488.3	483.0	487.6	480.1
73	Miscellaneous business services	-	1,149.4	1,138.1	1,061.4	1,046.2	-	-	-	-	-
731	Advertising	-	114.7	114.5	114.0	113.3	-	-	-	-	-
732	Credit reporting and collection agencies	-	67.0	67.1	64.8	64.4	-	-	-	-	-
78	Motion pictures	-	179.3	173.4	180.7	175.8	-	-	-	-	-
781	Motion picture filming and distributing	-	48.3	47.9	42.2	40.3	-	28.2	29.0	26.3	24.9
782,3	Motion picture theaters and services	-	131.0	125.5	138.5	135.5	-	-	-	-	-
80	Medical and other health services	-	2,249.2	2,237.0	2,141.4	2,138.8	-	-	-	-	-
806	Hospitals	-	1,491.8	1,488.7	1,439.7	1,438.9	-	-	-	-	-
81	Legal services	-	183.8	184.5	175.9	176.0	-	-	-	-	-
82	Educational services	-	1,040.3	1,044.4	956.9	954.0	-	-	-	-	-
821	Elementary and secondary schools	-	346.0	346.0	326.3	326.1	-	-	-	-	-
822	Higher educational institutions	-	622.4	626.8	564.4	561.9	-	-	-	-	-
89	Miscellaneous services	-	476.9	477.7	437.0	438.5	-	-	-	-	-
891	Engineering and architectural services	-	261.7	260.2	236.2	234.7	-	-	-	-	-
892	Nonprofit research organizations	-	63.3	63.2	61.7	61.5	-	-	-	-	-
-	<b>GOVERNMENT</b>	10,794	10,726	10,667	10,024	10,008	-	-	-	-	-
1	<b>FEDERAL GOVERNMENT<sup>5</sup></b>	2,520	2,493	2,460	2,338	2,337	-	-	-	-	-
	Executive	-	2,461.5	2,428.8	2,307.6	2,305.9	-	-	-	-	-
	Department of Defense	-	991.9	980.0	927.9	924.5	-	-	-	-	-
	Post Office Department	-	652.8	639.5	594.5	594.9	-	-	-	-	-
	Other agencies	-	816.8	809.3	785.2	786.5	-	-	-	-	-
	Legislative	-	25.4	25.4	25.0	25.0	-	-	-	-	-
	Judicial	-	6.0	6.0	5.8	5.9	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b>	8,274	8,233	8,207	7,686	7,671	-	-	-	-	-
92	State government	-	2,111.3	2,109.6	1,976.8	1,969.1	-	-	-	-	-
	State education	-	793.7	793.2	699.6	694.5	-	-	-	-	-
	Other State government	-	1,317.6	1,316.4	1,277.2	1,274.6	-	-	-	-	-
3	Local government	-	6,121.8	6,097.8	5,709.0	5,701.7	-	-	-	-	-
	Local education	-	3,518.9	3,504.7	3,180.7	3,182.2	-	-	-	-	-
	Other local government	-	2,602.9	2,593.1	2,528.3	2,509.5	-	-	-	-	-

<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	40.4	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	46.0	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	48.3	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	59.3	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	68.5	71.3	101.8	59.3
1947.....	83.6	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.3	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	76.4	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	74.4
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.1	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	98.8	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	103.2	103.0	100.9	103.9
1960.....	103.2	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.3	106.5	102.5	108.0
1961.....	102.8	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	110.4	109.5	102.9	112.1
1962.....	105.7	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	115.3	113.3	105.7	116.3
1963.....	107.8	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	119.4	117.6	106.5	121.9
1964.....	110.7	82.2	105.9	104.0	96.8	111.1	109.6	111.6	117.2	124.3	122.3	106.1	128.7
1965.....	115.1	81.6	111.2	108.4	98.9	115.3	112.7	116.2	120.3	129.2	128.1	107.4	136.2
1965: May.....	114.3	81.4	110.4	107.5	98.6	114.8	112.3	115.6	119.8	128.3	126.9	105.9	135.1
June.....	114.8	81.3	110.7	108.1	99.0	115.2	113.0	116.0	120.2	128.5	127.6	106.4	136.0
July.....	115.2	82.2	109.2	108.6	98.9	115.5	113.3	116.4	120.5	129.6	128.1	107.3	136.3
August.....	115.4	81.4	110.5	108.9	99.3	115.4	113.0	116.2	120.7	129.8	128.5	107.5	136.8
September..	115.7	80.1	110.4	109.0	99.8	115.7	113.3	116.6	121.0	130.1	129.0	107.5	137.4
October.....	116.1	80.8	110.9	109.4	99.9	116.1	113.5	117.1	121.3	130.9	129.6	107.8	138.2
November..	117.0	81.4	113.2	110.4	100.1	116.8	114.0	117.8	121.5	131.8	130.9	108.4	139.7
December..	117.8	81.8	117.3	111.0	100.1	117.4	114.3	118.5	121.8	132.4	131.6	108.2	140.9
1966: January...	118.3	82.1	117.2	111.6	100.3	118.2	114.7	119.5	121.7	132.6	132.4	109.5	141.4
February...	119.0	81.9	116.9	112.6	100.7	118.5	115.2	119.7	121.8	133.6	133.5	110.7	142.4
March.....	119.8	82.1	119.9	113.1	100.8	119.2	115.6	120.4	122.5	134.2	134.7	111.9	143.7
April.....	119.8	76.9	116.9	113.6	100.9	119.0	115.9	120.1	122.6	134.4	135.6	113.0	144.4
May.....	120.1	81.2	114.9	114.0	101.2	119.1	116.1	120.2	122.6	134.7	136.6	114.2	145.5

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	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965
<b>TOTAL</b> .....	63,099	62,933	62,918	62,501	62,148	61,884	61,472	61,001	60,756	60,621	60,501	60,290	60,032
<b>MINING</b> .....	625	592	632	631	632	630	627	622	617	627	633	626	627
<b>CONTRACT CONSTRUCTION</b> ....	3,317	3,375	3,462	3,374	3,383	3,386	3,267	3,202	3,186	3,189	3,154	3,195	3,188
<b>MANUFACTURING</b> .....	18,918	18,860	18,780	18,691	18,522	18,429	18,321	18,163	18,098	18,072	18,032	17,943	17,835
<b>DURABLE GOODS</b> .....	11,094	11,053	10,996	10,919	10,805	10,707	10,615	10,523	10,494	10,476	10,424	10,345	10,266
Ordnance and accessories .....	266	261	257	255	250	243	244	243	242	239	236	234	231
Lumber and wood products .....	622	628	636	630	633	623	613	605	601	603	602	601	603
Furniture and fixtures .....	456	451	451	448	447	442	435	432	430	427	430	428	428
Stone, clay, and glass products ..	634	642	643	640	644	636	627	624	622	618	618	612	613
Primary metal industries .....	1,309	1,303	1,294	1,288	1,283	1,274	1,269	1,284	1,308	1,318	1,317	1,306	1,285
Fabricated metal products .....	1,332	1,335	1,334	1,327	1,314	1,300	1,294	1,274	1,269	1,263	1,269	1,259	1,251
Machinery .....	1,824	1,808	1,800	1,798	1,783	1,771	1,768	1,745	1,736	1,728	1,728	1,707	1,692
Electrical equipment .....	1,895	1,879	1,843	1,826	1,794	1,769	1,741	1,722	1,697	1,683	1,677	1,665	1,647
Transportation equipment .....	1,894	1,887	1,884	1,860	1,822	1,805	1,790	1,767	1,771	1,781	1,740	1,735	1,722
Instruments and related products ..	420	416	414	410	405	398	394	392	390	388	389	383	378
Miscellaneous manufacturing .....	442	443	440	437	430	446	440	435	428	428	418	415	416
<b>NONDURABLE GOODS</b> .....	7,824	7,807	7,784	7,772	7,717	7,722	7,706	7,640	7,604	7,596	7,608	7,598	7,569
Food and kindred products .....	1,730	1,738	1,748	1,749	1,743	1,745	1,761	1,733	1,717	1,723	1,733	1,728	1,734
Tobacco manufactures .....	84	85	84	82	83	84	81	81	79	80	87	86	86
Textile mill products .....	948	948	946	943	939	937	933	928	924	921	921	916	914
Apparel and related products .....	1,407	1,392	1,384	1,383	1,355	1,377	1,369	1,362	1,356	1,345	1,343	1,367	1,346
Paper and allied products .....	661	659	659	658	654	650	646	643	640	637	641	634	633
Printing and publishing .....	1,013	1,013	1,003	1,004	998	992	990	984	980	981	981	975	971
Chemicals and allied products .....	938	932	931	927	922	918	914	909	910	911	908	900	894
Petroleum and related products ..	176	176	175	176	177	178	178	177	179	179	179	177	176
Rubber and plastic products .....	499	496	491	487	485	483	477	469	465	466	464	463	460
Leather and leather products .....	368	368	363	363	361	358	357	354	354	353	351	352	355
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,125	4,114	4,107	4,104	4,090	4,079	4,079	4,071	4,067	4,049	4,031	4,034	4,020
<b>WHOLESALE AND RETAIL TRADE</b> .....	13,011	12,992	13,015	12,942	12,909	12,822	12,754	12,684	12,641	12,600	12,619	12,580	12,532
<b>WHOLESALE TRADE</b> .....	3,361	3,357	3,349	3,336	3,323	3,309	3,300	3,288	3,281	3,273	3,281	3,272	3,252
<b>RETAIL TRADE</b> .....	9,650	9,635	9,666	9,606	9,586	9,513	9,454	9,396	9,360	9,327	9,338	9,308	9,280
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,102	3,102	3,100	3,082	3,080	3,082	3,074	3,069	3,061	3,053	3,049	3,041	3,032
<b>SERVICE AND MISCELLANEOUS</b> ..	9,281	9,262	9,251	9,205	9,142	9,128	9,081	9,019	8,967	8,946	8,929	8,857	8,843
<b>GOVERNMENT</b> .....	10,720	10,636	10,571	10,472	10,390	10,328	10,269	10,171	10,119	10,085	10,054	10,014	9,955
<b>FEDERAL</b> .....	2,528	2,501	2,477	2,451	2,425	2,395	2,400	2,386	2,379	2,379	2,376	2,355	2,345
<b>STATE AND LOCAL</b> .....	8,192	8,135	8,094	8,021	7,965	7,933	7,869	7,785	7,740	7,706	7,678	7,659	7,610

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	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sep. 1965	Aug. 1965	July 1965	June 1965	May 1965
<b>MANUFACTURING . . . . .</b>	14,090	14,055	14,003	13,937	13,801	13,731	13,647	13,507	13,457	13,440	13,405	13,340	13,252
<b>DURABLE GOODS . . . . .</b>	8,236	8,213	8,177	8,122	8,027	7,955	7,878	7,798	7,781	7,769	7,721	7,662	7,599
Ordnance and accessories . . . . .	126	123	121	118	113	107	108	107	105	104	102	100	99
Lumber and wood products, except furniture . . .	544	550	558	553	556	547	538	530	527	530	528	527	529
Furniture and fixtures . . . . .	380	374	375	373	370	368	362	358	357	354	357	356	356
Stone, clay, and glass products . . . . .	509	517	518	516	520	512	503	500	500	495	495	490	491
Primary metal industries . . . . .	1,065	1,061	1,055	1,050	1,045	1,035	1,031	1,046	1,068	1,079	1,077	1,068	1,050
Fabricated metal products . . . . .	1,039	1,041	1,040	1,036	1,024	1,012	1,006	987	983	977	983	973	968
Machinery . . . . .	1,281	1,271	1,264	1,262	1,252	1,244	1,242	1,224	1,218	1,208	1,208	1,192	1,181
Electrical equipment and supplies . . . . .	1,316	1,305	1,278	1,269	1,244	1,225	1,199	1,182	1,163	1,152	1,149	1,142	1,127
Transportation equipment . . . . .	1,350	1,349	1,348	1,330	1,297	1,290	1,282	1,263	1,267	1,280	1,238	1,237	1,227
Instruments and related products . . . . .	271	268	267	265	261	256	254	252	251	248	250	245	239
Miscellaneous manufacturing industries . . . . .	355	354	353	350	345	359	353	349	342	342	334	332	332
<b>NONDURABLE GOODS . . . . .</b>	5,854	5,842	5,826	5,815	5,774	5,776	5,769	5,709	5,676	5,671	5,684	5,678	5,653
Food and kindred products . . . . .	1,143	1,150	1,161	1,161	1,155	1,156	1,174	1,144	1,129	1,135	1,141	1,134	1,141
Tobacco manufactures . . . . .	71	72	72	70	71	72	69	70	68	68	75	75	74
Textile mill products . . . . .	847	846	844	842	840	837	834	828	825	823	822	818	817
Apparel and related products . . . . .	1,252	1,238	1,229	1,229	1,203	1,225	1,216	1,212	1,205	1,195	1,196	1,221	1,198
Paper and allied products . . . . .	516	515	513	512	510	507	503	500	499	497	500	494	493
Printing, publishing, and allied industries . . . .	644	644	640	639	637	629	630	625	621	622	622	616	615
Chemicals and allied products . . . . .	560	556	556	554	551	548	547	544	546	548	548	542	538
Petroleum refining and related industries . . . . .	110	110	109	110	110	110	110	110	111	110	111	110	108
Rubber and miscellaneous plastic products . . . .	388	388	383	379	380	378	372	365	362	363	361	359	357
Leather and leather products . . . . .	323	323	319	319	317	314	314	311	310	310	308	309	312

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		
		Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
1	ALABAMA .....	908.2	901.9	877.9	7.8	8.6	9.1	52.2	49.9	51.3	285.6	283.5	273.4
2	Birmingham .....	217.8	215.8	213.4	4.1	4.1	4.7	12.3	11.8	11.8	65.7	64.6	65.4
3	Huntsville .....	81.6	81.0	75.2	(1)	(1)	(1)	3.9	3.5	4.7	14.5	14.3	13.0
4	Mobile .....	103.6	103.8	106.3	(1)	(1)	(1)	5.5	5.4	7.0	21.6	21.8	21.2
5	Montgomery .....	63.5	62.5	60.0	(1)	(1)	(1)	5.1	4.7	4.7	9.7	9.3	8.9
6	Tuscaloosa .....	31.9	31.8	30.0	(1)	(1)	(1)	1.9	1.8	1.6	8.6	8.7	8.2
7	ALASKA .....	67.0	64.7	64.9	1.2	1.1	1.0	3.8	2.9	5.2	5.1	4.8	4.9
8	ARIZONA .....	425.3	422.7	398.4	16.3	16.2	15.6	22.8	22.2	22.9	74.5	73.5	62.3
9	Phoenix .....	251.2	250.0	232.5	.2	.2	.1	13.4	13.0	13.4	58.2	57.5	47.4
10	Tucson .....	80.5	80.1	76.3	3.9	3.9	3.4	5.5	5.3	5.7	6.9	6.9	6.1
11	ARKANSAS .....	475.2	467.7	442.5	4.6	4.7	4.8	27.8	24.8	27.1	140.7	138.8	129.2
12	Fayetteville .....	21.6	21.3	19.2	(1)	(1)	(1)	1.3	1.2	1.0	7.1	6.9	5.8
13	Fort Smith .....	38.9	38.2	37.3	.4	.4	.4	2.0	2.0	2.1	14.0	13.6	12.6
14	Little Rock-North Little Rock ..	100.5	98.9	96.5	(1)	(1)	(1)	7.9	6.5	7.1	19.6	19.4	18.4
15	Pine Bluff .....	22.5	22.1	21.4	(1)	(1)	(1)	1.4	1.3	1.5	5.5	5.5	5.4
16	CALIFORNIA .....	5,971.9	5,912.1	5,663.9	32.4	31.9	31.5	314.5	309.0	305.4	1,463.7	1,443.8	1,376.5
17	Anaheim-Santa Ana-Garden Grove ..	312.5	307.0	286.0	1.8	1.8	1.7	21.0	20.7	20.4	104.2	103.0	95.2
18	Bakersfield .....	81.2	80.1	78.4	7.6	7.6	7.6	3.3	3.2	3.6	8.4	8.3	8.1
19	Fresno .....	98.3	97.2	94.0	1.2	1.2	1.1	4.9	4.8	5.0	14.8	14.9	14.6
20	Los Angeles-Long Beach .....	2,562.4	2,546.1	2,445.1	9.9	9.8	9.9	112.9	112.1	113.8	800.2	793.7	747.6
21	Oxnard-Ventura .....	75.0	74.0	70.9	2.6	2.6	2.5	4.5	4.3	4.8	12.3	11.9	12.4
22	Sacramento .....	236.1	232.9	223.7	.2	.2	.3	11.7	11.4	12.3	29.4	28.2	31.0
23	San Bernardino-Riverside-Ontario ..	254.2	253.8	242.2	2.2	2.2	1.7	15.5	15.6	16.0	44.9	44.6	41.3
24	San Diego .....	278.7	276.9	263.5	.4	.4	.4	13.7	13.4	14.5	53.6	53.1	48.1
25	San Francisco-Oakland .....	1,107.4	1,099.6	1,060.9	1.9	1.9	1.7	62.4	61.8	61.8	201.7	199.8	192.5
26	San Jose .....	287.2	282.7	260.7	.1	.1	.1	16.7	16.4	15.4	93.1	91.7	82.9
27	Santa Barbara .....	67.9	67.0	63.7	1.0	1.0	1.0	4.0	3.8	3.7	11.0	11.0	10.1
28	Santa Rosa .....	41.0	40.4	39.6	.2	.2	.2	2.7	2.6	3.0	5.6	5.4	5.4
29	Stockton .....	76.5	74.3	69.9	.1	.1	.1	3.7	3.4	3.4	14.9	13.5	14.2
30	Vallejo-Napa .....	59.2	58.2	54.1*	.2	.2	.2	2.3	2.2	2.1	6.1	5.7	4.5
31	COLORADO .....	603.7	596.7	571.8	12.7	12.8	11.9	35.9	33.4	33.9	92.8	91.5	84.5
32	Denver .....	380.2	377.1	361.9	3.5	3.5	3.0	22.3	21.2	20.3	66.9	66.4	59.9
33	CONNECTICUT .....	1,063.7	1,052.0	1,019.6	(2)	(2)	(2)	46.5	44.0	46.9	459.8	458.6	431.9
34	Bridgeport .....	141.7	139.9	135.8	(2)	(2)	(2)	5.4	5.0	5.3	73.4	72.9	69.6
35	Hartford .....	281.1	278.5	267.5	(2)	(2)	(2)	11.0	11.0	11.8	106.4	105.9	97.3
36	New Britain .....	43.7	43.2	41.9	(2)	(2)	(2)	1.4	1.3	1.5	24.3	24.2	23.3
37	New Haven .....	142.2	140.7	138.4	(2)	(2)	(2)	8.0	7.4	7.8	45.9	45.7	44.4
38	Stamford .....	68.2	66.8	64.9	(2)	(2)	(2)	3.8	3.3	3.5	23.6	23.6	21.7
39	Waterbury .....	73.0	72.1	71.8	(2)	(2)	(2)	2.3	1.9	2.1	38.5	38.5	38.3
40	DELAWARE .....	185.9	185.3	177.8	(1)	(1)	(1)	13.7	13.3	12.7	68.3	68.1	65.1
41	Wilmington .....	167.5	166.9	161.2	(1)	(1)	(1)	11.3	11.0	10.7	66.0	65.7	63.5
42	DISTRICT OF COLUMBIA <sup>3</sup> .....	(4)	626.0	609.4	(4)	(1)	(1)	(4)	25.2	25.5	(4)	20.8	20.1
43	Washington SMSA .....	(4)	950.8	913.6	(4)	(1)	(1)	(4)	68.1	67.9	(4)	41.7	39.6
44	FLORIDA .....	1,702.0	1,730.3	1,622.8	10.5	10.3	9.9	129.7	138.3	133.0	262.2	267.0	249.0
45	Fort Lauderdale-Hollywood .....	114.8	118.5	109.7	(1)	(1)	(1)	11.2	14.0	13.3	12.6	12.6	11.1
46	Jacksonville .....	164.3	163.9	160.6	(1)	(1)	(1)	10.7	10.8	10.8	22.8	22.9	22.0
47	Miami .....	371.4	378.9	364.0	(1)	(1)	(1)	17.0	23.0	21.9	56.0	55.6	54.8
48	Orlando .....	107.9	108.9	103.6	(1)	(1)	(1)	8.8	8.9	9.0	18.7	19.0	19.3
49	Pensacola .....	56.4	56.2	56.5	(1)	(1)	(1)	4.3	4.3	4.7	14.3	14.2	14.8
50	Tampa-St. Petersburg .....	242.0	244.0	235.8	(1)	(1)	(1)	18.1	18.3	18.4	42.8	43.4	41.4
51	West Palm Beach .....	82.2	83.9	76.1	(1)	(1)	(1)	8.6	8.2	6.9	14.8	15.7	13.0
52	GEORGIA .....	1,304.9	1,292.5	1,234.4	5.4	5.4	5.5	74.0	70.6	69.3	418.8	418.0	395.1
53	Atlanta .....	495.3	490.7	466.0	(1)	(1)	(1)	30.1	28.7	29.6	115.1	114.8	107.8

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



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	
51.1	50.9	50.1	169.5	167.3	166.3	36.5	36.5	36.1	116.8	116.5	113.1	188.7	188.7	178.5	1
16.6	16.6	16.3	48.9	48.6	48.8	15.3	15.3	15.0	27.6	27.7	27.2	27.3	27.1	24.2	2
1.9	1.9	2.0	11.8	11.8	11.2	2.0	2.0	1.8	20.0	20.1	17.1	27.5	27.4	25.4	3
9.1	9.2	9.7	23.3	23.3	23.1	4.3	4.2	4.3	15.1	15.1	14.5	24.7	24.8	26.5	4
4.3	4.3	3.9	14.1	13.9	13.7	4.2	4.3	4.2	9.8	9.7	9.2	16.3	16.3	15.4	5
1.2	1.2	1.2	5.5	5.5	5.4	.8	.9	.9	3.0	3.0	3.0	10.9	10.7	9.7	6
7.0	6.9	6.7	10.0	9.8	9.1	2.2	2.2	2.0	7.8	7.6	7.2	29.9	29.4	28.8	7
25.2	25.2	24.7	97.7	96.9	94.4	22.4	22.4	21.8	69.6	69.6	66.6	96.8	96.7	90.1	8
13.8	13.8	13.4	61.0	60.5	59.4	16.1	16.1	15.8	41.9	42.0	39.5	46.6	46.9	43.5	9
5.0	5.1	5.2	18.3	18.2	17.4	3.7	3.7	3.6	14.5	14.5	14.0	22.7	22.5	20.9	10
31.1	30.8	29.3	97.4	95.9	94.4	18.7	18.5	17.5	62.2	61.6	59.3	92.7	92.6	80.9	11
1.6	1.5	1.6	4.4	4.4	4.2	.5	.5	.5	2.3	2.3	2.2	4.5	4.5	3.9	12
2.6	2.6	2.6	8.0	7.9	8.1	1.2	1.2	1.2	5.4	5.4	5.2	5.2	5.1	5.1	13
8.9	8.8	8.5	22.0	22.1	21.8	7.7	7.8	7.4	14.9	14.8	14.7	19.6	19.6	18.5	14
2.7	2.7	2.7	4.0	4.0	4.0	.8	.8	.8	2.8	2.7	2.8	5.3	5.1	4.2	15
395.2	390.6	379.3	1,292.6	1,279.6	1,242.9	328.6	326.8	316.1	966.5	959.4	915.6	1,178.4	1,171.0	1,096.6	16
10.6	10.5	9.7	66.2	64.6	60.9	13.8	13.7	13.0	46.2	44.2	41.9	48.7	48.5	43.2	17
5.8	5.7	5.7	17.9	17.6	17.4	2.8	2.8	2.8	11.5	11.5	11.0	23.9	23.4	22.2	18
7.2	7.3	7.0	26.2	26.0	25.8	4.7	4.6	4.6	16.5	16.3	15.6	22.8	22.1	20.3	19
152.5	151.0	146.2	559.3	555.6	542.5	149.8	148.6	144.9	430.0	429.4	410.2	347.8	345.9	330.0	20
3.5	3.5	3.2	16.7	16.5	15.3	2.4	2.4	2.3	9.8	9.6	8.9	23.2	23.2	21.5	21
17.6	17.5	16.9	48.0	47.4	45.8	10.0	9.9	9.6	27.8	27.7	26.4	91.4	90.6	81.4	22
17.4	17.5	17.1	55.3	55.0	52.6	9.6	9.5	9.2	44.1	44.1	40.9	65.2	65.3	63.4	23
15.4	15.3	14.6	61.3	60.8	58.7	14.1	14.2	13.6	47.9	47.6	46.3	72.3	72.1	67.3	24
110.5	109.0	106.1	236.3	234.9	230.7	82.7	82.4	80.5	176.9	175.9	167.7	235.0	233.9	219.9	25
13.0	12.7	12.0	51.5	50.8	47.7	10.8	10.8	10.5	53.5	53.1	49.4	48.5	47.1	42.7	26
3.3	3.3	3.1	15.0	14.7	14.3	2.6	2.6	2.6	14.7	14.5	14.1	16.3	16.1	14.8	27
2.5	2.4	2.4	10.5	10.3	9.8	3.4	3.4	3.8	6.3	6.3	5.9	9.8	9.8	9.1	28
5.7	5.8	5.6	17.4	17.1	16.0	2.5	2.5	2.5	10.4	10.3	9.8	21.8	21.6	18.3	29
2.8	2.8	2.7	10.2	10.1	9.9	1.8	1.8	1.7	8.3	8.1	7.7	27.5	27.3	25.3	30
44.8	44.5	43.9	140.2	139.0	136.3	31.3	31.2	30.9	98.0	97.1	94.5	148.0	147.2	135.9	31
30.6	30.5	30.3	95.1	94.4	91.3	23.7	23.7	23.5	65.2	64.7	63.7	72.9	72.7	69.9	32
47.1	46.6	46.4	188.1	184.9	183.2	59.9	59.6	58.4	141.2	137.8	138.3	121.0	120.6	114.5	33
5.7	5.7	5.4	24.8	24.5	24.1	4.2	4.2	4.1	16.4	16.1	16.0	11.9	11.8	11.4	34
10.0	10.0	9.9	52.3	51.6	50.5	34.9	34.8	33.4	36.0	34.9	34.8	30.6	30.4	29.8	35
2.0	1.9	1.9	6.6	6.5	6.4	1.0	1.0	.9	4.3	4.3	4.2	4.1	4.1	3.7	36
13.2	13.2	12.9	27.7	27.4	26.9	7.3	7.3	7.1	25.6	25.3	25.2	14.5	14.5	14.2	37
2.8	2.7	2.7	15.0	14.5	14.7	3.0	2.9	3.0	13.5	13.2	13.1	6.6	6.6	6.3	38
2.8	2.8	2.8	11.4	11.1	11.0	1.9	1.8	1.8	8.8	8.6	8.6	7.4	7.4	7.1	39
10.9	10.9	10.7	35.5	35.2	33.9	7.2	7.1	7.0	24.2	24.6	23.5	26.1	26.1	24.9	40
9.4	9.4	9.2	30.3	30.2	29.3	6.5	6.4	6.4	21.6	21.7	21.2	22.4	22.5	20.9	41
(4)	31.1	30.6	(4)	87.3	87.9	(4)	31.7	31.4	(4)	116.5	112.1	(4)	313.4	301.8	42
(4)	51.1	49.4	(4)	182.3	177.1	(4)	57.2	55.0	(4)	194.1	181.6	(4)	356.3	343.0	43
115.3	115.9	112.1	463.3	469.6	435.5	99.0	98.9	97.6	302.6	312.2	287.3	319.4	318.1	298.4	44
6.7	6.6	6.1	34.2	34.8	32.4	7.8	7.8	7.7	24.7	25.5	23.4	17.6	17.2	15.7	45
16.8	16.8	17.0	45.3	45.0	45.2	14.7	14.7	14.4	24.0	24.0	23.9	30.0	29.7	27.3	46
39.1	38.9	37.1	102.4	103.6	99.2	25.2	25.2	24.8	83.6	84.6	80.2	48.1	48.0	46.0	47
5.9	5.9	5.8	33.2	33.6	30.6	7.2	7.1	6.9	18.0	18.4	17.0	16.1	16.0	15.0	48
3.1	3.1	3.1	11.9	11.9	11.8	2.2	2.2	2.2	6.0	5.9	5.8	14.6	14.6	14.1	49
16.8	16.6	17.1	71.1	71.8	68.4	14.1	14.2	13.9	41.2	41.9	39.8	37.9	37.8	36.8	50
3.8	3.8	3.6	20.7	21.1	20.5	5.0	5.0	4.8	15.9	17.0	14.9	13.4	13.1	12.4	51
86.1	85.7	81.7	273.8	269.8	259.0	61.8	61.5	60.1	148.0	146.9	144.1	237.0	234.6	219.6	52
45.9	45.8	43.1	128.0	126.2	120.8	35.5	35.3	34.0	68.3	67.8	66.1	72.4	72.1	64.6	53

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
1	GEORGIA (continued) Savannah.....	57.9	57.4	56.6	(1)	(1)	(1)	3.3	3.2	3.2	16.0	16.0	15.2
2	HAWAII .....	225.0	222.6	212.2	(1)	(1)	(1)	18.1	18.0	17.2	23.4	22.8	22.8
3	Honolulu.....	190.9	188.4	178.5	(1)	(1)	(1)	15.5	15.4	14.0	16.6	15.9	15.9
4	IDAHO .....	178.7	174.4	168.5	3.4	3.4	3.3	10.8	9.8	10.3	32.2	32.0	29.2
5	Boise.....	32.2	31.5	30.7	(1)	(1)	(1)	2.1	1.8	2.0	3.3	3.3	3.2
6	ILLINOIS .....	3,944.7	3,914.8	3,796.1	25.2	24.8	25.5	151.0	146.2	151.4	1,349.8	1,346.4	1,283.6
7	Chicago.....	2,705.0	2,683.8	2,634.2	6.1	5.9	6.2	97.0	94.5	101.2	936.0	933.0	900.4
8	Davenport-Rock Island-Moline ..	124.2	123.5	121.0	(2)	(2)	(2)	5.9	5.4	5.7	47.8	47.9	46.2
9	Peoria.....	113.2	112.4	112.5	(2)	(2)	(2)	5.5	5.1	5.9	44.2	43.8	44.6
10	Rockford.....	98.8	98.0	91.2	(2)	(2)	(2)	4.0	3.7	4.0	52.7	52.6	47.8
11	INDIANA .....	1,694.3	1,674.0	1,599.0	7.9	7.7	7.9	81.7	74.0	68.5	699.0	695.6	661.8
12	Evansville.....	79.2	78.5	78.6	1.8	1.8	2.1	4.1	4.1	4.0	30.8	30.7	30.2
13	Fort Wayne.....	102.4	101.4	96.7	(1)	(1)	(1)	4.2	3.8	4.0	42.8	42.7	39.4
14	Gary-Hammond-East Chicago.....	205.8	202.7	204.1	(1)	(1)	(1)	12.7	12.3	14.0	107.3	105.5	106.8
15	Indianapolis.....	370.8	367.5	357.2	(1)	(1)	(1)	15.4	15.0	15.1	128.3	127.8	122.2
16	Muncie.....	41.3	41.5	39.9	(1)	(1)	(1)	1.6	1.4	1.3	17.8	18.4	17.5
17	South Bend.....	89.4	88.6	86.0	(1)	(1)	(1)	3.3	3.1	3.3	35.9	35.6	33.0
18	Terre Haute.....	48.2	47.6	45.1	.9	.9	.8	1.9	1.7	1.6	13.5	13.2	12.3
19	IOWA .....	777.4	763.1	740.5	3.3	2.9	3.0	38.9	32.4	33.9	200.2	200.2	186.7
20	Cedar Rapids.....	59.0	58.3	55.1	(1)	(1)	(1)	2.9	2.6	2.3	25.5	25.2	23.1
21	Des Moines.....	107.8	107.1	107.7	(1)	(1)	(1)	5.0	4.6	4.3	23.6	23.9	22.5
22	KANSAS .....	619.0	611.5	598.5	13.1	13.0	13.5	31.8	29.4	33.8	133.2	132.5	119.1
23	Topeka.....	54.6	54.0	52.5	.1	.1	.1	2.9	2.6	2.6	8.0	7.8	7.3
24	Wichita.....	142.2	140.3	129.1	2.8	2.9	3.0	7.1	6.6	6.5	51.4	51.0	42.1
25	KENTUCKY .....	796.4	768.8	745.3	27.8	27.3	28.0	52.2	48.4	42.5	220.2	207.1	200.7
26	Louisville.....	277.6	261.1	268.2	(1)	(1)	(1)	14.5	13.1	13.8	97.7	84.9	93.2
27	LOUISIANA .....	941.1	934.0	884.7	51.7	51.4	49.0	86.3	86.9	65.8	160.9	159.3	153.3
28	Baton Rouge.....	87.6	90.9	79.2	.3	.4	.3	11.5	15.4	7.8	16.5	16.5	15.8
29	Lake Charles.....	36.5	35.5	33.2	1.4	1.4	1.3	5.6	4.6	3.2	7.6	7.6	7.3
30	Monroe.....	32.4	32.1	32.1	.5	.5	.5	3.8	3.7	4.1	6.0	6.0	5.8
31	New Orleans.....	350.4	350.0	340.4	12.5	12.4	11.9	28.1	28.2	25.2	59.3	59.0	58.2
32	Shreveport.....	(4)	80.5	77.2	(4)	5.3	5.4	(4)	6.2	5.5	(4)	11.8	10.3
33	MAINE .....	293.3	288.8	284.4	(1)	(1)	(1)	13.2	11.8	13.1	108.6	108.4	104.0
34	Lewiston-Auburn.....	26.4	25.8	25.3	(1)	(1)	(1)	1.2	1.1	1.1	12.9	12.7	12.1
35	Portland.....	57.5	57.2	55.6	(1)	(1)	(1)	3.1	3.1	2.8	14.3	14.4	13.5
36	MARYLAND <sup>3</sup> .....	1,103.2	1,086.0	1,037.9	2.5	2.5	2.5	78.0	73.5	75.1	274.7	273.0	260.7
37	Baltimore.....	689.5	681.7	655.8	.9	.9	.9	39.2	37.3	37.1	199.8	197.9	189.7
38	MASSACHUSETTS .....	2,075.0	2,041.2	2,005.4	(1)	(1)	(1)	83.0	74.0	83.5	687.6	682.1	659.7
39	Boston.....	1,152.7	1,134.1	1,124.1	(1)	(1)	(1)	51.0	45.5	51.7	290.9	286.5	279.8
40	Brockton.....	45.1	44.7	43.9	-	-	-	2.0	1.7	1.9	16.4	16.4	16.3
41	Fall River <sup>5</sup> .....	44.1	43.7	42.7	(1)	(1)	(1)	(1)	(1)	(1)	21.9	22.2	21.3
42	Lawrence-Haverhill.....	74.7	74.0	74.5	(1)	(1)	(1)	1.9	1.5	2.0	39.1	39.4	39.2
43	Lowell.....	47.4	47.1	47.0	(1)	(1)	(1)	2.2	1.8	2.2	19.4	19.7	19.3
44	New Bedford <sup>5</sup> .....	52.8	51.7	51.6	(1)	(1)	(1)	1.7	1.4	1.7	27.0	26.9	26.5
45	Springfield-Chicopee-Holyoke.....	184.1	181.5	180.0	(1)	(1)	(1)	6.4	5.6	6.4	72.9	72.4	70.2
46	Worcester <sup>5</sup> .....	124.3	123.1	120.9	(1)	(1)	(1)	4.3	3.8	4.3	50.8	50.6	48.8

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	
6.6	6.4	6.5	12.4	12.3	12.2	2.8	2.8	2.8	7.3	7.4	7.4	9.5	9.3	9.3	1
16.7	16.7	16.0	51.7	51.3	49.2	13.7	13.6	12.8	39.7	39.4	37.4	61.7	60.8	56.8	2
14.2	14.2	13.6	44.3	43.9	41.8	12.7	12.6	11.9	33.6	33.2	31.9	54.0	53.2	49.4	3
14.4	14.2	14.0	43.9	42.3	41.6	7.1	7.0	6.9	25.9	25.6	24.7	41.0	40.1	38.5	4
3.0	2.9	2.8	8.8	8.5	8.5	2.2	2.2	2.1	4.7	4.7	4.6	8.1	8.1	7.5	5
275.8	275.0	271.9	835.7	826.0	812.5	203.0	202.0	199.7	581.8	574.4	560.3	522.4	519.9	491.2	6
194.1	193.3	193.4	582.6	577.1	575.1	157.3	156.5	156.7	434.6	427.4	419.4	297.3	296.0	281.7	7
6.6	6.5	6.6	24.7	24.6	24.8	4.7	4.7	4.7	14.8	14.6	14.4	19.8	19.8	18.7	8
6.3	6.4	6.5	24.2	24.3	23.9	4.5	4.5	4.3	15.6	15.5	14.9	12.9	12.9	12.3	9
3.4	3.4	3.2	18.8	18.5	17.1	2.7	2.6	2.7	10.5	10.5	10.2	6.7	6.7	6.3	10
94.2	93.8	91.1	322.6	317.2	307.4	65.1	64.9	63.7	176.6	174.5	169.4	247.2	246.2	229.3	11
4.8	4.7	4.8	16.9	16.5	17.1	2.8	2.8	2.8	10.1	10.0	10.1	7.9	7.9	7.5	12
7.1	7.0	7.0	21.8	21.6	21.1	5.2	5.2	5.1	12.2	12.1	11.7	9.1	9.0	8.4	13
12.9	12.9	12.4	32.8	32.1	31.9	5.3	5.3	5.2	17.5	17.4	16.9	17.3	17.2	16.9	14
25.4	25.2	24.2	80.6	79.7	78.1	24.1	23.9	23.2	41.6	40.6	40.4	55.4	55.3	54.0	15
2.3	2.3	2.2	7.6	7.5	7.4	1.3	1.3	1.3	4.3	4.2	4.0	6.4	6.4	6.2	16
4.6	4.5	4.4	17.9	17.8	18.0	4.6	4.6	4.6	14.4	14.4	14.2	8.7	8.6	8.5	17
4.2	4.3	4.1	12.0	11.9	11.3	1.6	1.6	1.6	5.3	5.2	5.2	8.8	8.8	8.2	18
49.5	49.2	48.7	190.4	185.7	183.9	36.3	35.8	35.2	114.1	112.9	111.0	144.6	143.9	137.9	19
3.0	3.0	3.0	11.9	11.9	11.7	2.6	2.6	2.6	7.7	7.6	7.5	5.4	5.3	5.0	20
7.7	7.7	8.1	27.4	27.3	27.6	11.5	11.4	12.3	16.7	16.5	17.3	15.9	15.8	15.8	21
49.6	49.5	49.9	140.7	138.7	139.0	26.0	26.0	25.9	87.0	84.9	84.2	137.6	137.5	133.1	22
7.1	7.1	6.9	11.6	11.5	11.5	3.1	3.1	3.0	8.5	8.4	8.4	13.4	13.5	13.0	23
7.2	7.1	7.0	30.1	29.7	29.1	6.0	6.1	6.0	20.1	19.7	19.2	17.6	17.4	16.5	24
54.9	54.6	53.5	160.1	154.9	154.6	30.5	30.2	29.6	105.7	102.5	102.5	145.1	143.7	133.9	25
21.2	21.2	20.7	59.4	58.0	57.8	14.4	14.3	13.9	40.0	39.3	36.7	30.4	30.3	30.1	26
88.8	88.3	86.5	207.1	204.8	198.9	42.5	42.3	41.0	128.7	126.6	121.9	175.1	174.4	168.3	27
4.8	4.8	4.6	18.0	17.8	16.9	4.6	4.5	4.2	11.6	11.6	11.1	20.3	19.9	18.5	28
3.2	3.2	3.3	7.1	7.1	6.7	1.3	1.3	1.3	4.3	4.3	4.4	5.9	5.9	5.7	29
2.1	2.0	2.1	8.3	8.2	8.1	1.7	1.7	1.7	4.4	4.4	4.4	5.6	5.6	5.4	30
45.9	46.0	45.2	82.8	82.5	80.7	20.1	20.0	19.5	56.3	56.7	55.3	45.3	45.2	44.4	31
(4)	8.6	8.5	(4)	20.7	20.4	(4)	4.0	4.0	(4)	11.2	10.9	(4)	12.8	12.2	32
16.2	16.2	16.3	55.4	53.9	54.5	10.0	9.9	9.9	33.5	32.9	33.0	56.4	55.7	53.6	33
.9	.9	.9	5.3	5.1	5.2	.8	.8	.8	3.5	3.5	3.4	1.8	1.7	1.8	34
5.0	5.0	5.2	15.1	15.0	15.0	4.5	4.5	4.1	8.8	8.7	8.7	6.7	6.5	6.3	35
72.5	72.8	70.8	243.4	238.8	228.7	56.2	55.6	53.4	177.7	173.5	165.8	198.2	196.3	180.9	36
52.8	53.2	52.6	144.6	142.8	139.1	35.7	35.3	34.5	104.8	103.6	99.3	111.7	110.7	102.6	37
107.9	107.0	106.1	420.7	411.7	414.0	110.1	109.6	107.9	376.4	367.4	360.0	289.3	289.4	274.2	38
65.2	64.9	65.2	255.9	251.5	250.3	77.4	77.3	76.6	246.2	242.9	240.6	166.1	165.5	159.9	39
2.8	2.8	2.8	10.7	10.5	10.3	1.3	1.3	1.3	5.0	5.0	4.9	6.9	7.0	6.4	40
1.6	1.6	1.6	8.4	8.2	8.2	(1)	(1)	(1)	8.0	7.5	7.7	4.2	4.2	3.9	41
1.9	1.9	1.9	13.0	12.8	12.8	2.1	2.1	2.1	8.7	8.4	8.7	8.0	7.9	7.8	42
1.9	1.9	1.9	9.0	8.9	8.9	1.3	1.3	1.3	7.2	7.1	7.1	6.4	6.4	6.3	43
2.6	2.6	2.5	9.6	9.3	9.1	(1)	(1)	(1)	8.0	7.5	7.6	3.9	4.0	4.2	44
8.2	8.2	8.2	35.3	34.7	35.5	8.7	8.6	8.5	28.0	27.3	27.4	24.6	24.7	23.7	45
5.9	5.9	5.7	22.8	22.5	22.7	5.9	5.9	5.9	20.0	19.8	19.2	14.6	14.6	14.3	46

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
1	MICHIGAN	2,780.6	2,745.8	2,640.6	14.1	12.6	13.2	118.7	107.1	102.4	1,136.5	1,139.4	1,092.1
2	Ann Arbor	94.8	94.2	90.3	(1)	(1)	(1)	3.0	2.6	1.9	33.0	33.5	31.4
3	Detroit	1,401.5	1,384.1	1,344.5	1.0	.9	.8	57.8	53.8	53.3	597.9	599.8	583.4
4	Flint	151.5	152.2	147.3	(1)	(1)	(1)	5.0	4.9	5.2	86.0	86.9	83.4
5	Grand Rapids	162.4	161.8	156.8	(1)	(1)	(1)	7.5	6.6	6.8	72.8	73.3	69.4
6	Kalamazoo	64.3	64.6	61.8	(1)	(1)	(1)	3.2	3.1	2.8	27.1	27.4	26.0
7	Lansing	115.9	114.5	110.1	(1)	(1)	(1)	4.6	4.1	4.1	38.9	38.8	36.4
8	Muskegon-Muskegon Heights	49.2	48.8	45.9	(1)	(1)	(1)	1.7	1.5	1.4	27.4	27.6	25.1
9	Saginaw	64.8	63.9	62.0	(1)	(1)	(1)	3.0	2.6	2.8	30.6	30.4	29.4
10	MINNESOTA	1,094.8	1,071.0	1,043.4	14.3	13.6	13.7	54.3	47.1	46.9	264.1	263.1	249.6
11	Duluth-Superior	52.8	51.6	48.9	(1)	(1)	(1)	2.6	2.5	1.8	10.4	10.3	9.5
12	Minneapolis-St. Paul	658.9	645.5	627.2	(1)	(1)	(1)	33.5	29.0	29.1	177.5	177.0	168.0
13	MISSISSIPPI	499.8	491.9	477.0	5.6	5.5	5.7	28.2	26.0	26.9	160.2	159.1	149.1
14	Jackson	78.3	77.6	74.5	.8	.8	.9	5.9	5.4	4.8	12.9	12.8	12.1
15	MISSOURI	1,505.0	1,488.9	1,444.2	8.2	8.0	8.1	74.6	69.5	71.6	431.3	428.0	409.2
16	Kansas City	455.1	448.9	438.4	.6	.6	.6	22.7	21.8	23.0	122.0	119.6	114.2
17	St. Louis	842.6	833.0	803.4	3.0	2.9	3.0	42.9	39.3	42.2	287.0	284.8	273.5
18	MONTANA	181.2	174.4	174.2	7.5	7.5	7.0	12.2	8.6	10.8	21.2	21.0	20.4
19	Billings	24.2	23.9	24.3	(1)	(1)	(1)	1.7	1.6	1.5	2.6	2.6	2.6
20	Great Falls	21.9	21.7	21.6	(1)	(1)	(1)	1.8	1.7	2.0	3.2	3.2	3.1
21	NEBRASKA	422.9	414.7	410.5	1.8	1.7	1.9	23.7	19.5	22.0	71.5	70.9	67.4
22	Omaha	180.1	177.4	173.3	(2)	(2)	(2)	11.0	9.8	9.7	37.1	36.7	35.6
23	NEVADA	157.5	155.9	152.2	3.6	3.5	3.4	10.8	10.8	12.6	7.2	7.1	7.0
24	Reno	47.2	46.7	45.0	(6)	(6)	(6)	4.7	4.6	5.0	2.6	2.5	2.6
25	NEW HAMPSHIRE	221.2	218.0	209.3	.3	.2	.2	10.1	8.9	9.4	93.8	93.7	87.6
26	Manchester	45.9	45.2	43.7	(1)	(1)	(1)	2.1	1.9	2.0	18.0	17.9	16.9
27	NEW JERSEY	2,286.5	2,266.2	2,222.9	3.1	3.1	3.5	110.9	101.2	106.2	835.7	842.5	821.1
28	Atlantic City	54.6	52.3	53.2	-	-	-	3.5	3.3	3.5	9.2	9.4	8.6
29	Jersey City <sup>7</sup>	250.6	250.7	253.4	-	-	-	6.3	5.9	6.2	111.1	111.4	113.7
30	Newark <sup>7</sup>	726.2	722.4	715.3	.5	.6	.9	33.0	31.4	31.3	247.0	247.7	244.1
31	Paterson-Clifton-Passaic <sup>7</sup>	429.5	425.7	414.4	.4	.4	.5	23.9	20.7	21.9	173.3	175.7	169.6
32	Perth Amboy <sup>7</sup>	221.5	219.8	209.2	.8	.8	.7	11.0	10.1	9.9	102.1	101.9	97.2
33	Trenton	120.4	119.9	118.4	(1)	(1)	(1)	4.8	4.5	4.4	41.7	41.7	42.0
34	NEW MEXICO	267.7	263.6	258.2	16.6	16.7	17.1	18.7	17.7	18.8	17.4	17.0	16.4
35	Albuquerque	97.1	96.3	92.9	(1)	(1)	(1)	7.1	6.7	7.0	8.4	8.3	8.2
36	NEW YORK	6,598.8	6,535.6	6,432.6	9.0	8.7	8.9	252.2	232.1	243.7	1,865.2	1,870.7	1,807.2
37	Albany-Schenectady-Troy	250.8	247.2	242.8	(1)	(1)	(1)	11.0	9.3	10.6	65.0	64.2	62.4
38	Binghamton	99.0	97.7	95.6	(1)	(1)	(1)	3.3	2.9	3.7	45.8	45.1	43.2
39	Buffalo	461.4	455.9	446.9	(1)	(1)	(1)	18.0	16.2	16.6	178.8	177.9	173.4
40	Elmira	36.2	35.4	33.6	(1)	(1)	(1)	1.4	1.1	1.7	16.2	15.8	13.7
41	Nassau and Suffolk Counties <sup>8</sup>	585.6	571.9	557.7	(1)	(1)	(1)	38.0	33.2	37.9	141.5	141.7	132.5
42	New York-Northeastern New Jersey	6,138.9	6,099.2	6,019.6	4.7	4.7	5.0	240.0	223.5	235.1	1,721.8	1,734.3	1,697.0
43	New York SMSA <sup>7</sup>	4,511.1	4,480.6	4,426.8	3.0	3.0	3.0	165.8	155.4	165.8	1,088.1	1,097.6	1,071.9
44	New York City <sup>8</sup>	3,607.4	3,598.0	3,561.3	2.4	2.4	2.3	109.4	106.2	109.5	861.0	870.1	855.5
45	Rochester	306.0	302.7	290.0	(1)	(1)	(1)	15.4	13.7	11.9	134.8	134.8	127.7
46	Syracuse	202.0	199.5	193.7	(1)	(1)	(1)	8.7	8.0	8.8	67.4	67.0	63.5
47	Utica-Rome	106.6	104.8	102.1	(1)	(1)	(1)	2.6	2.1	2.2	40.5	40.1	37.7
48	Westchester County <sup>8</sup>	270.8	264.5	263.2	(1)	(1)	(1)	15.5	13.6	15.5	71.9	71.9	70.4

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			
Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	
136.2	134.7	131.5	530.0	513.6	499.7	93.0	92.8	93.0	335.9	332.6	320.1	416.1	413.1	388.6	1
2.2	2.2	2.3	10.9	10.7	10.5	1.6	1.5	1.4	7.1	6.7	6.6	36.9	36.9	36.1	2
71.4	71.1	69.5	280.6	270.1	261.3	58.5	58.2	56.2	180.3	177.1	175.8	154.0	153.1	144.2	3
5.0	5.0	5.0	22.7	22.5	21.7	3.4	3.4	3.3	13.6	13.7	13.3	15.8	15.8	15.5	4
9.1	9.2	9.2	32.2	32.3	31.7	5.6	5.6	5.5	20.7	20.6	20.5	14.5	14.3	13.8	5
2.2	2.2	2.2	11.2	11.0	10.9	1.8	1.8	1.7	7.4	7.4	7.4	11.4	11.7	10.9	6
3.3	3.3	3.2	18.8	18.3	18.3	3.6	3.6	3.5	12.6	12.6	12.2	34.1	33.8	32.4	7
2.2	2.2	2.3	7.4	7.0	7.1	1.2	1.2	1.2	4.9	4.8	4.3	4.5	4.6	4.4	8
4.0	4.0	3.9	11.4	11.3	10.8	1.7	1.7	1.7	7.5	7.4	7.0	6.6	6.5	6.4	9
79.8	78.8	77.6	260.0	254.1	251.2	52.3	52.0	51.7	169.7	165.4	164.1	200.3	196.9	188.5	10
7.0	6.4	6.9	12.4	12.2	11.6	1.9	1.9	2.0	9.7	9.6	9.3	8.9	8.7	7.8	11
51.3	51.2	50.2	157.9	155.0	152.4	38.5	38.3	38.0	107.1	104.0	104.2	93.1	91.0	85.2	12
26.0	26.2	26.0	93.5	90.7	92.1	16.9	16.9	16.6	56.8	56.2	55.7	112.7	111.5	104.9	13
4.8	4.8	4.7	17.9	17.8	17.4	5.4	5.4	5.2	12.7	12.7	12.7	18.0	18.0	16.8	14
118.5	118.2	114.3	333.8	328.1	324.9	79.4	79.4	79.2	221.6	219.1	214.8	237.6	238.6	222.1	15
45.7	45.4	44.8	110.5	109.4	107.1	29.0	28.8	28.8	64.7	64.2	63.0	59.9	59.1	56.9	16
64.3	64.2	63.1	172.4	170.7	163.2	41.7	41.4	41.4	129.6	128.4	122.6	101.7	101.3	94.4	17
17.2	17.0	17.2	42.8	41.7	41.6	7.0	7.0	7.0	24.8	24.4	24.8	48.5	47.2	45.4	18
2.4	2.4	2.4	7.7	7.5	7.8	1.4	1.4	1.5	4.5	4.5	4.5	3.9	3.9	4.0	19
2.0	2.0	2.0	5.8	5.7	5.6	1.3	1.3	1.3	3.4	3.4	3.5	4.4	4.4	4.1	20
35.5	35.2	35.6	103.8	102.4	101.5	25.0	25.1	25.2	70.8	70.0	68.4	90.8	90.0	88.5	21
20.0	19.8	19.8	43.5	43.0	41.9	14.4	14.4	14.5	29.4	29.1	28.3	24.8	24.7	23.5	22
11.5	11.4	11.7	29.3	29.0	27.5	6.4	6.4	6.1	58.9	58.0	56.1	29.8	29.7	27.8	23
4.4	4.3	4.3	10.0	9.8	9.1	2.6	2.6	2.4	14.4	14.3	13.6	8.5	8.6	8.0	24
9.7	9.7	9.4	40.5	39.3	38.0	8.4	8.4	8.3	31.4	30.8	30.1	27.0	27.0	26.3	25
2.8	2.8	2.7	9.7	9.4	9.2	2.7	2.7	2.7	7.1	7.0	6.6	3.5	3.5	3.7	26
159.8	160.3	156.4	446.9	438.9	432.2	101.0	99.4	98.9	323.6	315.2	313.4	305.5	305.6	291.2	27
3.2	3.2	3.3	13.5	12.6	13.7	2.8	2.8	2.8	12.7	11.3	11.9	9.7	9.7	9.4	28
34.5	34.1	34.5	37.9	38.0	38.1	8.5	8.6	8.6	25.0	25.0	24.9	27.3	27.7	27.4	29
53.3	53.8	53.6	142.6	141.7	140.6	48.7	48.5	48.3	113.1	111.3	111.8	87.8	87.4	84.7	30
22.6	23.1	22.6	95.5	94.1	91.6	14.2	13.7	13.7	57.5	56.2	54.8	42.1	41.8	39.7	31
10.2	10.2	10.2	39.8	36.4	36.4	4.5	4.5	4.4	21.0	20.7	20.2	32.1	31.8	30.2	32
6.1	6.1	6.2	19.5	19.4	19.3	4.4	4.4	4.4	21.4	21.3	20.3	22.5	22.5	21.8	33
19.9	20.0	19.5	55.9	54.6	54.0	11.7	11.6	11.4	47.6	46.7	46.5	79.9	79.3	74.5	34
6.9	7.0	6.6	23.4	22.9	22.2	5.8	5.7	5.8	22.3	22.2	21.9	23.2	23.5	21.2	35
474.6	472.8	475.8	1,338.1	1,319.8	1,323.5	507.4	502.5	501.5	1,153.6	1,131.0	1,118.1	998.7	998.1	954.0	36
14.2	14.3	13.9	49.5	48.9	48.4	9.5	9.4	9.5	39.5	39.0	38.1	62.1	62.0	59.9	37
4.8	4.8	4.7	16.1	16.1	15.8	2.8	2.7	2.7	10.4	10.2	10.0	15.8	15.8	15.4	38
31.1	30.5	31.3	88.4	87.1	87.6	17.2	17.0	16.5	62.1	60.7	59.0	65.9	66.5	62.5	39
1.6	1.6	1.6	6.6	6.4	6.5	.9	.9	.9	5.2	5.1	5.0	4.4	4.4	4.3	40
24.7	24.4	25.8	146.2	142.0	139.4	25.2	24.6	23.9	101.7	97.8	96.3	108.3	108.2	101.9	41
481.9	481.2	484.4	1,279.4	1,266.1	1,255.6	511.2	506.9	504.7	1,078.6	1,061.4	1,048.2	821.3	821.1	789.6	42
361.3	360.0	363.4	963.6	952.5	948.9	435.3	431.6	429.6	861.7	848.2	836.6	632.2	632.6	607.7	43
317.5	316.7	318.9	748.0	743.1	743.8	396.3	393.3	391.8	696.0	689.2	680.3	477.1	477.1	459.1	44
12.5	12.4	12.5	53.8	53.3	52.1	10.0	9.8	9.7	42.4	41.8	40.0	36.9	36.9	36.2	45
13.0	12.9	12.5	42.7	42.0	41.6	9.6	9.5	9.5	30.2	29.9	29.3	30.4	30.2	28.4	46
5.4	5.4	5.4	17.0	16.7	16.7	4.0	3.9	3.9	12.2	11.9	11.7	24.9	24.7	24.4	47
16.7	16.6	16.5	61.2	59.6	58.6	12.2	12.1	12.4	57.3	54.8	54.2	35.9	36.1	35.9	48

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
1	NORTH CAROLINA	1,463.9	1,454.6	1,395.7	2.9	2.8	2.7	90.9	90.2	81.4	603.0	602.1	575.5
2	Asheville	-	-	-	-	-	-	-	-	-	19.7	19.4	17.8
3	Charlotte	140.9	140.8	135.2	(1)	(1)	(1)	10.1	9.7	9.1	35.4	35.7	34.2
4	Greensboro-High Point	-	-	-	-	-	-	7.1	7.1	6.7	48.1	48.1	46.9
5	Raleigh	-	-	-	-	-	-	-	-	-	12.1	12.0	10.2
6	Winston-Salem	-	-	-	-	-	-	-	-	-	36.4	36.2	35.5
7	NORTH DAKOTA	143.8	140.9	139.2	1.9	1.8	1.8	7.6	7.0	8.2	8.8	8.7	7.9
8	Fargo-Moorhead	34.3	33.9	33.1	(1)	(1)	(1)	2.0	1.9	1.8	2.2	2.3	2.2
9	OHIO	3,447.4	3,403.9	3,319.8	18.0	19.1	19.1	140.2	129.7	133.5	1,366.3	1,357.3	1,305.7
10	Akron	213.5	210.1	204.5	.3	.2	.2	6.9	6.3	7.0	93.7	92.7	90.2
11	Canton	120.8	119.0	118.3	.5	.4	.4	3.7	3.6	4.0	59.2	58.7	58.4
12	Cincinnati	444.4	437.3	427.1	.4	.4	.4	18.5	16.5	17.4	158.8	156.9	149.6
13	Cleveland	783.2	773.1	757.9	1.0	1.0	.9	29.4	27.0	29.6	303.5	302.8	292.4
14	Columbus	321.7	316.3	306.9	.9	.8	.8	14.9	13.2	14.1	84.7	83.3	81.5
15	Dayton	291.6	288.9	276.5	.5	.5	.5	12.7	11.7	11.0	123.3	122.9	114.6
16	Toledo	213.7	210.0	203.2	.4	.3	.3	8.9	7.7	8.1	79.0	79.0	75.8
17	Youngstown-Warren	177.9	175.1	170.9	.4	.4	.4	7.8	7.6	6.7	82.8	81.5	82.0
18	OKLAHOMA	670.9	666.4	637.4	41.9	42.4	42.0	33.2	32.6	35.2	109.4	108.2	100.3
19	Oklahoma City	217.7	215.9	208.3	6.7	6.8	6.7	12.7	12.7	13.5	29.9	29.7	26.1
20	Tulsa	157.0	154.6	148.9	13.6	13.5	13.2	9.0	8.6	8.7	37.9	36.9	33.9
21	OREGON	623.8	615.8	587.9	1.5	1.6	1.5	32.5	30.1	31.0	159.6	156.4	147.2
22	Eugene	61.6	60.7	58.8	(1)	(1)	(1)	3.5	3.3	4.3	19.4	18.9	18.8
23	Portland	328.9	324.9	306.5	(1)	(1)	(1)	15.8	14.3	15.1	77.9	76.9	69.1
24	PENNSYLVANIA	3,989.9	3,957.3	3,882.7	32.3	44.2	45.5	164.3	149.6	157.8	1,527.2	1,517.6	1,475.6
25	Allentown-Bethlehem-Easton	200.3	199.1	197.4	.5	.5	.5	7.5	7.0	7.3	104.0	103.3	102.9
26	Altoona	43.9	43.6	42.4	(1)	(1)	(1)	1.2	1.1	1.2	14.3	14.1	12.8
27	Erie	87.5	86.1	84.3	(1)	(1)	(1)	2.9	2.7	2.6	41.8	41.3	40.2
28	Harrisburg	158.0	157.1	155.4	(1)	(1)	(1)	8.3	7.7	6.6	37.4	37.3	35.7
29	Johnstown	71.4	72.0	72.2	2.7	4.8	4.9	2.0	1.6	1.4	26.6	25.9	26.3
30	Lancaster	108.8	106.9	102.3	(1)	(1)	(1)	6.0	5.4	5.5	54.7	53.9	49.5
31	Philadelphia	1,621.5	1,610.2	1,573.7	1.2	1.1	1.4	72.1	66.1	70.7	564.2	562.7	543.5
32	Pittsburgh	801.4	796.7	792.3	5.0	9.9	9.7	37.0	34.1	36.2	290.4	287.3	286.2
33	Reading	113.3	113.3	108.5	(1)	(1)	(1)	3.9	3.6	3.9	56.0	56.9	53.6
34	Scranton	78.9	79.3	77.2	.8	1.1	.9	2.0	1.6	1.7	33.1	33.6	31.9
35	Wilkes-Barre-Hazleton	111.6	110.5	109.7	3.4	3.6	4.2	3.5	3.1	4.1	50.4	50.1	47.7
36	York	111.5	112.8	107.8	(1)	(1)	(1)	5.3	5.1	5.1	55.2	57.1	54.0
37	RHODE ISLAND	321.0	316.0	312.0	(1)	(1)	(1)	15.2	12.6	14.3	123.3	123.0	119.2
38	Providence-Pawtucket-Warwick	327.5	322.7	317.6	(1)	(1)	(1)	14.9	12.2	14.3	139.3	139.0	133.9
39	SOUTH CAROLINA	715.2	711.0	678.1	1.7	1.7	1.7	45.9	45.2	39.6	305.8	304.4	290.7
40	Charleston	75.6	75.0	71.3	(1)	(1)	(1)	6.3	5.9	5.5	12.0	12.0	12.3
41	Columbia	85.2	84.7	81.7	(1)	(1)	(1)	6.6	6.6	6.0	17.0	16.8	16.4
42	Greenville	104.1	103.6	99.3	(1)	(1)	(1)	8.1	7.8	7.0	51.7	51.7	49.5
43	SOUTH DAKOTA	151.9	148.5	148.9	2.4	2.4	2.4	9.2	7.4	7.5	13.6	13.3	13.0
44	Sioux Falls	30.5	29.9	29.4	(1)	(1)	(1)	2.5	2.0	1.6	5.4	5.3	5.2
45	TENNESSEE	1,161.5	1,142.8	1,081.7	7.1	7.0	6.9	60.6	55.7	55.0	412.2	407.3	376.2
46	Chattanooga	115.3	114.6	106.9	.2	.2	.2	5.4	5.5	4.8	48.8	48.3	44.1
47	Knoxville	133.3	131.3	128.5	1.8	1.7	1.7	6.1	5.5	5.4	47.0	46.4	45.0
48	Memphis	228.8	225.0	219.0	.3	.2	.2	13.8	13.0	12.3	53.0	51.6	48.7
49	Nashville	198.7	197.3	184.1	(1)	(1)	(1)	11.9	11.7	10.8	59.8	59.2	54.6
50	TEXAS	3,014.5	2,978.8	2,902.4	106.2	106.7	110.0	190.1	188.9	190.5	596.0	592.7	566.7
51	Austin	-	-	-	-	-	-	-	-	-	6.5	6.5	6.3
52	Beaumont-Port Arthur	-	-	-	-	-	-	-	-	-	33.7	33.5	33.7
53	Corpus Christi	-	-	-	-	-	-	-	-	-	10.2	10.2	10.2

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			
Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	
76.7	76.4	72.9	263.1	259.9	257.5	54.6	54.4	53.3	162.6	160.3	154.6	210.1	208.5	197.8	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
14.7	14.6	14.5	37.4	37.6	36.9	9.3	9.3	9.1	18.7	18.5	17.7	15.3	15.4	13.7	3
5.8	5.8	5.6	23.0	23.0	21.8	6.4	6.4	6.5	-	-	-	-	-	-	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.7	11.4	11.5	41.5	40.4	39.7	6.4	6.4	6.3	25.0	24.9	24.6	40.9	40.4	39.2	7
2.9	2.8	2.8	10.6	10.4	10.5	2.0	2.1	2.0	6.9	6.7	6.5	7.7	7.7	7.3	8
206.0	203.3	199.7	658.0	648.3	642.7	133.4	132.1	130.1	441.8	431.4	426.0	483.7	482.7	463.0	9
13.6	13.7	13.2	38.8	38.2	37.9	6.0	6.0	5.8	27.0	26.2	25.4	27.1	26.9	24.7	10
6.4	6.4	6.1	22.1	21.7	21.1	4.0	3.9	3.9	14.3	14.0	13.8	10.6	10.3	10.4	11
32.8	32.8	32.4	90.7	89.7	89.3	23.4	23.5	22.9	60.4	58.7	59.0	59.5	58.9	56.1	12
48.3	47.2	47.3	159.8	157.2	155.7	36.6	36.2	35.4	109.4	107.0	106.0	95.2	94.6	90.5	13
19.2	19.2	18.7	66.2	65.3	64.2	19.8	19.7	19.0	48.1	46.8	45.5	67.9	67.9	63.0	14
11.4	11.3	10.7	48.7	48.2	48.3	8.2	8.1	7.8	35.6	35.0	34.2	51.1	51.3	49.5	15
15.9	15.6	15.1	43.6	42.8	42.8	6.8	6.7	6.6	31.3	30.3	29.5	27.8	27.6	25.0	16
9.7	9.6	9.2	31.7	31.2	30.5	4.5	4.5	4.3	23.4	23.0	22.0	17.5	17.4	15.8	17
46.6	46.5	45.8	149.7	147.6	146.6	31.4	31.4	30.9	89.2	89.0	87.7	169.5	168.7	148.9	18
13.5	13.4	13.3	49.8	49.3	49.8	13.5	13.4	13.1	30.4	29.9	29.3	61.2	60.7	56.5	19
14.3	14.2	13.7	36.1	35.4	34.9	7.5	7.4	7.3	23.4	23.4	22.9	15.2	15.2	14.3	20
46.9	46.4	45.6	140.7	139.3	132.1	29.0	29.1	27.6	89.7	88.9	84.8	123.9	124.0	118.1	21
3.8	3.8	3.6	12.6	12.6	11.5	2.4	2.3	2.2	8.1	7.9	7.0	11.8	11.9	11.4	22
28.5	28.2	27.7	79.9	79.1	76.2	19.3	19.4	18.5	52.2	51.9	49.3	55.3	55.1	50.6	23
264.2	264.5	261.6	725.9	716.8	713.3	165.2	164.7	161.7	576.2	568.0	561.8	534.6	531.9	505.4	24
10.6	10.6	10.5	31.4	31.5	30.9	5.8	5.8	5.6	23.7	23.7	23.6	16.8	16.7	16.1	25
8.1	8.1	8.9	7.1	7.2	7.1	1.2	1.2	1.1	6.7	6.6	6.3	5.3	5.3	5.0	26
4.9	4.7	4.8	14.8	14.5	14.6	2.8	2.8	2.6	11.4	11.3	11.1	8.9	8.8	8.4	27
11.6	11.7	11.7	29.0	28.3	28.3	6.9	7.0	6.7	21.2	20.6	20.3	43.6	44.1	46.1	28
5.7	5.6	5.6	11.9	11.7	11.8	1.8	1.9	1.9	10.2	10.2	10.2	10.5	10.3	10.1	29
4.9	4.9	4.9	18.3	18.1	18.0	2.4	2.4	2.3	13.8	13.5	13.5	8.7	8.7	8.6	30
109.0	109.6	107.6	320.3	319.8	317.1	88.0	87.9	87.5	250.8	248.4	244.5	215.9	214.6	201.4	31
55.7	55.6	54.9	155.3	153.7	153.4	33.5	33.1	33.1	132.1	131.3	131.9	92.4	91.7	86.9	32
6.0	5.9	5.9	17.1	16.8	16.5	4.3	4.3	4.2	14.6	14.5	14.2	11.4	11.3	10.2	33
5.7	5.7	5.7	14.4	14.4	14.5	2.4	2.4	2.5	11.6	11.6	11.4	8.9	8.9	8.6	34
5.9	5.8	5.9	18.8	18.5	19.1	3.5	3.5	3.4	12.7	12.5	12.3	13.4	13.4	13.0	35
5.6	5.5	5.4	18.9	18.7	18.6	2.5	2.5	2.4	12.7	12.6	12.4	11.3	11.3	9.9	36
15.0	14.8	14.5	58.1	57.4	57.9	14.1	14.1	13.7	49.7	48.1	48.0	45.6	46.0	44.4	37
14.4	14.3	13.8	56.8	56.1	56.7	13.8	13.8	13.5	47.0	45.7	45.4	41.3	41.6	40.0	38
29.7	29.6	27.6	116.3	115.4	114.5	23.7	23.7	23.5	69.6	69.4	68.6	122.5	121.6	111.9	39
5.1	5.1	4.7	14.5	14.5	14.3	3.1	3.1	3.0	8.6	8.5	8.3	26.0	25.9	23.2	40
5.3	5.3	5.2	18.3	18.2	17.6	5.3	5.3	5.1	10.1	10.2	10.1	22.6	22.3	21.3	41
4.0	3.9	3.7	17.2	17.2	16.7	3.6	3.6	3.5	10.2	10.2	10.0	9.3	9.2	8.9	42
9.9	10.0	9.9	39.7	39.0	39.9	6.8	6.7	6.7	24.2	23.6	24.3	46.3	46.2	45.4	43
2.8	2.8	2.8	9.1	9.1	9.1	1.7	1.7	1.8	5.1	5.0	5.2	3.9	3.9	3.8	44
58.4	58.0	56.0	224.8	221.2	215.2	47.9	47.3	46.3	152.3	149.8	144.9	198.2	196.5	181.2	45
5.6	5.7	5.5	21.6	21.2	19.6	5.7	5.8	5.6	13.7	13.6	12.9	14.3	14.3	14.2	46
6.9	6.8	6.6	27.2	26.7	26.2	4.4	4.4	4.4	16.4	16.3	15.9	23.5	23.5	23.3	47
17.3	17.2	16.8	57.9	57.4	57.0	12.2	12.1	12.1	34.5	33.9	32.9	39.8	39.6	39.0	48
11.9	11.9	10.9	41.1	40.9	38.9	12.2	12.1	11.6	31.4	31.2	30.1	30.4	30.3	27.2	49
230.3	232.0	225.1	744.8	725.4	713.6	158.5	156.4	151.8	439.6	430.2	420.8	549.0	546.5	523.9	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		
		Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
	TEXAS (continued)												
1	Dallas . . . . .	507.1	500.7	476.9	7.8	7.9	8.1	30.3	28.9	30.1	129.9	128.4	118.3
2	El Paso . . . . .	-	-	-	-	-	-	-	-	-	18.1	17.8	16.5
3	Fort Worth . . . . .	-	-	-	-	-	-	-	-	-	68.6	67.3	60.4
4	Houston . . . . .	585.0	583.9	571.7	25.5	25.4	24.7	52.1	52.5	52.2	118.6	118.3	115.0
5	San Antonio . . . . .	209.2	208.3	200.9	1.7	1.6	1.7	12.3	12.2	12.3	26.0	26.1	26.1
6	UTAH . . . . .	310.2	305.7	294.9	11.7	11.6	11.8	15.3	14.0	15.0	47.3	46.9	48.8
7	Salt Lake City . . . . .	163.9	162.2	161.0	6.8	6.8	6.8	9.3	8.7	9.3	27.8	27.9	27.9
8	VERMONT . . . . .	123.5	122.0	114.5	1.2	1.2	1.2	6.6	5.4	5.6	42.5	41.9	37.2
9	Burlington . . . . .	28.4	27.8	24.3	-	-	-	-	-	-	8.8	8.8	5.6
10	Springfield . . . . .	13.1	13.0	12.8	-	-	-	-	-	-	7.2	7.1	7.1
11	VIRGINIA <sup>3</sup> . . . . .	1,253.0	1,236.4	1,195.6	15.4	15.2	15.0	92.8	88.4	88.5	330.1	328.6	315.8
12	Newport News-Hampton . . . . .	84.2	83.6	82.0	(1)	(1)	(1)	5.6	5.4	5.2	24.9	24.9	25.8
13	Norfolk-Portsmouth . . . . .	175.0	172.4	168.2	.1	.1	.1	13.1	12.7	12.9	19.2	18.5	18.8
14	Richmond . . . . .	205.5	204.6	196.0	.2	.2	.2	14.5	14.2	14.1	49.2	49.7	47.7
15	Roanoke . . . . .	69.3	68.5	67.1	.1	.1	.1	4.5	4.0	4.6	16.6	16.7	16.2
16	WASHINGTON . . . . .	946.9	926.8	871.9	1.9	1.9	1.8	51.0	47.7	43.2	249.2	242.0	218.6
17	Seattle-Everett . . . . .	451.8	442.1	406.1	(1)	(1)	(1)	22.7	20.4	19.1	143.1	138.9	113.6
18	Spokane . . . . .	77.1	75.8	74.2	(1)	(1)	(1)	3.8	3.4	3.2	12.6	12.4	12.5
19	Tacoma . . . . .	89.8	88.1	84.3	(1)	(1)	(1)	4.6	4.2	4.4	18.4	17.9	17.6
20	WEST VIRGINIA . . . . .	473.8	474.7	470.6	39.6	48.0	47.8	22.7	19.8	19.9	131.1	130.1	128.6
21	Charleston . . . . .	81.7	80.3	78.8	3.4	3.4	3.3	3.8	3.0	3.2	21.6	21.3	21.5
22	Huntington-Ashland . . . . .	77.5	76.6	74.9	.8	.8	.9	3.5	3.2	3.3	26.4	26.2	25.7
23	Wheeling . . . . .	53.0	54.2	53.6	1.0	2.7	2.6	3.6	3.4	3.4	16.3	16.2	16.2
24	WISCONSIN . . . . .	1,355.9	1,337.6	1,297.9	2.8	2.3	2.4	59.5	54.5	52.3	492.6	493.4	480.6
25	Green Bay . . . . .	44.4	43.7	42.2	(1)	(1)	(1)	2.5	2.4	2.0	14.5	14.5	13.9
26	Kenosha . . . . .	35.4	35.6	38.0	(1)	(1)	(1)	1.2	1.2	1.2	18.0	18.4	21.5
27	La Crosse . . . . .	26.9	26.5	25.5	(1)	(1)	(1)	1.3	1.2	.9	9.1	8.9	8.6
28	Madison . . . . .	99.1	96.8	92.4	(1)	(1)	(1)	5.9	5.2	5.2	15.0	14.6	14.2
29	Milwaukee . . . . .	510.3	506.8	491.0	(1)	(1)	(1)	22.0	21.1	19.8	205.2	205.0	196.3
30	Racine . . . . .	53.1	52.5	50.3	(1)	(1)	(1)	2.1	2.0	1.6	26.0	26.0	24.9
31	WYOMING . . . . .	97.2	93.7	92.3	8.6	8.3	8.6	8.0	6.7	6.9	5.9	5.9	6.8
32	Casper . . . . .	17.3	17.0	17.0	2.9	2.9	3.0	1.2	1.0	1.1	1.4	1.4	1.3
33	Cheyenne . . . . .	17.0	16.5	17.6	(1)	(1)	(1)	1.1	.9	1.3	.8	.8	1.4

<sup>1</sup> Combined with service.

<sup>2</sup> Combined with construction.

<sup>3</sup> Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.

<sup>4</sup> Not available.

<sup>5</sup> Series revised to 1965 benchmark; not strictly comparable with previously published data.

<sup>6</sup> Combined with manufacturing.

<sup>7</sup> Area included in New York-Northeastern New Jersey Standard Consolidated Area.

<sup>8</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>9</sup> 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			
Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	
40.6	40.4	37.1	137.6	135.5	127.7	40.0	40.0	39.5	68.2	67.5	66.4	52.7	52.1	49.7	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
58.4	58.5	58.3	156.9	156.3	153.1	30.0	29.9	29.0	80.0	79.5	78.7	63.5	63.5	60.7	4
9.8	9.8	9.5	53.4	53.1	51.9	13.2	13.2	12.9	29.8	29.6	28.7	63.0	62.7	57.8	5
21.1	20.9	21.3	68.1	67.3	66.1	12.8	12.7	12.6	44.0	43.3	41.7	89.9	89.0	77.6	6
13.6	13.5	13.7	43.7	43.0	42.3	10.0	10.0	9.8	24.0	23.7	23.2	28.7	28.6	28.0	7
6.9	6.9	6.9	22.1	21.6	21.8	4.5	4.4	4.2	20.9	21.7	19.6	18.9	19.0	18.0	8
1.5	1.5	1.5	5.6	5.5	5.5	-	-	-	-	-	-	-	-	-	9
.7	.7	.7	1.7	1.6	1.6	-	-	-	-	-	-	-	-	-	10
87.4	87.1	84.6	256.9	252.3	246.2	56.1	54.9	53.1	170.0	167.3	161.8	244.3	242.6	230.6	11
4.1	4.0	4.2	14.3	14.1	13.3	2.5	2.5	2.4	9.0	9.0	8.6	23.8	23.7	22.5	12
15.9	15.6	14.8	41.1	40.5	40.2	7.7	7.6	7.4	24.1	23.7	23.1	53.8	53.7	50.9	13
16.3	16.3	15.6	47.2	46.4	44.9	15.7	15.7	15.2	27.4	27.3	25.9	35.0	34.8	32.4	14
9.4	9.4	9.2	15.9	15.8	15.4	3.4	3.3	3.2	10.6	10.4	10.1	8.8	8.8	8.3	15
62.8	62.7	60.0	202.8	198.1	192.3	45.2	44.8	43.5	128.8	126.4	120.8	205.2	203.2	191.7	16
31.8	31.7	30.3	94.4	92.9	91.0	26.6	26.4	25.4	59.9	59.3	56.7	73.3	72.5	70.0	17
7.1	7.0	7.1	20.4	20.0	20.1	4.3	4.3	4.2	14.0	13.8	13.4	14.9	14.9	13.7	18
5.5	5.6	5.4	19.7	19.4	18.5	4.5	4.5	4.4	13.5	13.3	12.7	23.6	23.2	21.3	19
40.2	40.3	40.8	83.8	82.6	83.5	13.9	13.7	13.8	56.8	55.6	55.8	85.7	84.6	80.5	20
8.4	8.4	8.5	17.5	17.4	16.8	3.4	3.3	3.3	10.2	10.1	9.9	13.6	13.5	12.4	21
8.0	8.0	7.7	16.1	16.0	16.3	2.9	2.8	2.8	8.9	8.8	8.5	11.0	11.0	10.0	22
3.8	3.8	3.8	11.7	11.5	11.6	2.0	2.0	2.0	8.4	8.4	8.0	6.3	6.3	6.2	23
74.8	73.6	73.6	278.1	272.5	265.6	52.8	52.4	50.7	182.6	178.4	174.0	212.7	210.5	198.8	24
4.0	3.8	3.8	11.0	10.6	10.4	1.3	1.3	1.2	6.6	6.5	6.4	4.6	4.6	4.5	25
1.5	1.4	1.6	6.0	5.9	5.5	.6	.7	.6	4.8	4.8	4.5	3.3	3.3	3.2	26
2.1	2.0	2.0	6.0	5.8	5.7	.6	.6	.6	4.6	4.7	4.5	3.3	3.3	3.2	27
4.9	4.9	4.7	20.5	19.9	19.1	4.8	4.8	4.7	14.3	14.0	13.5	33.6	33.4	31.1	28
28.0	27.7	28.0	102.9	101.9	99.6	24.5	24.6	23.8	70.0	68.8	68.0	57.6	57.7	53.4	29
2.0	2.0	2.0	9.2	8.9	8.9	1.2	1.2	1.2	6.9	6.7	6.3	5.7	5.7	5.3	30
10.1	9.9	10.0	22.2	21.2	20.4	3.5	3.5	3.4	11.5	11.1	10.8	27.4	27.1	25.4	31
1.5	1.5	1.5	4.0	3.9	4.0	.8	.8	.8	2.3	2.3	2.3	3.2	3.2	3.0	32
2.5	2.4	2.6	3.9	3.8	3.9	1.1	1.1	1.0	2.4	2.3	2.3	5.2	5.2	5.1	33

## 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	26.26	-	-	22.55	-	-
1928.....	24.70	44.4	.556	26.86	-	-	22.42	-	-
1929.....	24.76	44.2	.560	26.84	-	-	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.....	58.32	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: May.....	107.53	41.2	2.61	117.46	42.1	2.79	94.00	40.0	2.35
June.....	107.79	41.3	2.61	117.74	42.2	2.79	94.47	40.2	2.35
July.....	107.01	41.0	2.61	116.06	41.6	2.79	94.87	40.2	2.36
August.....	106.45	41.1	2.59	115.51	41.7	2.77	95.11	40.3	2.36
September.....	107.83	41.0	2.63	117.18	41.7	2.81	95.68	40.2	2.38
October.....	108.62	41.3	2.63	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	120.41	42.1	2.86	96.48	40.2	2.40
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	96.71	39.8	2.43
May.....	112.05	41.5	2.70	121.82	42.3	2.88	97.93	40.3	2.43

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<b>MINING</b>	\$129.81	\$122.60	\$127.37	\$123.97	\$120.51	\$3.04	\$2.94	\$2.99	\$2.91	\$2.89
10	METAL MINING	-	134.30	129.79	127.68	125.33	-	3.16	3.12	3.04	3.02
101	Iron ores	-	139.07	133.74	131.04	127.98	-	3.28	3.27	3.15	3.16
102	Copper ores	-	141.76	135.99	134.42	132.25	-	3.20	3.17	3.09	3.09
11,12	COAL MINING	-	117.64	143.44	138.40	134.11	-	3.40	3.49	3.46	3.43
12	Bituminous	-	120.05	146.08	141.40	137.07	-	3.43	3.52	3.50	3.47
	<b>CRUDE PETROLEUM AND NATURAL GAS</b>		122.12	121.69	117.15	114.66	-	2.86	2.83	2.75	2.73
13	GAS		122.12	121.69	117.15	114.66	-	2.86	2.83	2.75	2.73
131,2	Crude petroleum and natural gas fields		128.84	126.36	123.73	121.80	-	3.15	3.12	3.04	3.00
138	Oil and gas field services		116.87	118.09	112.20	108.61	-	2.65	2.63	2.55	2.52
14	QUARRYING AND NONMETALLIC MINING		120.50	116.22	119.09	111.25	-	2.66	2.60	2.55	2.50
142	Crushed and broken stone	-	119.66	114.29	117.85	110.38	-	2.59	2.49	2.45	2.41
	<b>CONTRACT CONSTRUCTION</b>	141.35	140.60	142.88	140.16	132.49	3.81	3.80	3.79	3.65	3.61
15	GENERAL BUILDING CONTRACTORS	-	131.74	134.32	129.54	124.24	-	3.68	3.65	3.52	3.49
16	HEAVY CONSTRUCTION	-	137.48	138.65	139.86	126.72	-	3.42	3.39	3.33	3.20
161	Highway and street construction	-	134.89	133.95	139.53	121.20	-	3.29	3.22	3.26	3.03
162	Other heavy construction	-	139.87	142.61	140.22	132.10	-	3.55	3.53	3.42	3.37
17	SPECIAL TRADE CONTRACTORS	-	147.42	149.92	147.04	139.76	-	4.05	4.03	3.89	3.85
171	Plumbing, heating, and air conditioning	-	155.07	155.96	152.10	147.45	-	4.07	4.03	3.90	3.87
172	Painting, paperhanging, and decorating	-	136.22	134.82	136.90	128.49	-	3.87	3.83	3.72	3.64
173	Electrical work	-	171.97	173.38	170.82	166.71	-	4.49	4.48	4.38	4.33
174	Masonry, plastering, stone and tile work	-	140.59	142.40	137.47	129.28	-	4.04	4.00	3.84	3.78
176	Roofing and sheet metal work	-	116.90	122.50	121.97	108.24	-	3.50	3.51	3.36	3.28
	<b>MANUFACTURING</b>	112.05	111.24	110.95	107.53	105.82	2.70	2.70	2.68	2.61	2.60
19,24,25,32-39	DURABLE GOODS	121.82	121.54	120.69	117.46	115.93	2.88	2.88	2.86	2.79	2.78
20-23,26-31	NONDURABLE GOODS	97.93	96.71	96.88	94.00	92.20	2.43	2.43	2.41	2.35	2.34
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	132.19	132.62	131.67	128.96	126.28	3.14	3.15	3.15	3.10	3.08
192	Ammunition, except for small arms	131.52	132.99	132.75	133.34	130.19	3.20	3.22	3.23	3.19	3.16
1925	Guided missiles and spacecraft, complete	-	143.45	144.14	140.61	137.78	-	3.44	3.44	3.34	3.32
194	Sighting and fire control equipment	-	130.42	134.51	125.37	125.11	-	3.12	3.15	3.15	3.12
191,3,5,6,9	Other ordnance and accessories	134.23	132.00	129.03	120.22	117.50	3.03	3.00	2.98	2.89	2.88
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b>	94.47	91.84	88.51	89.42	86.69	2.26	2.24	2.18	2.16	2.13
24	FURNITURE	94.47	91.84	88.51	89.42	86.69	2.26	2.24	2.18	2.16	2.13
242	Sawmills and planing mills	88.41	85.48	82.62	82.40	79.59	2.11	2.09	2.04	2.00	1.97
2421	Sawmills and planing mills, general	-	87.10	84.23	84.46	81.41	-	2.14	2.09	2.05	2.02
243	Millwork, plywood, and related products	103.39	99.25	97.47	98.79	94.76	2.41	2.38	2.36	2.33	2.30
2431	Millwork	-	96.22	94.87	94.53	89.72	-	2.37	2.36	2.30	2.26
2432	Veneer and plywood	-	102.29	100.06	102.23	99.30	-	2.39	2.36	2.35	2.32
244	Wooden containers	76.26	75.53	73.98	72.98	71.81	1.82	1.82	1.80	1.75	1.76
2441,2	Wooden boxes, shooks, and crates	-	73.74	71.28	71.48	69.94	-	1.76	1.73	1.71	1.71
249	Miscellaneous wood products	87.56	87.14	87.14	85.08	83.64	2.12	2.11	2.11	2.05	2.04
25	FURNITURE AND FIXTURES	90.67	88.75	89.64	85.89	85.06	2.19	2.17	2.16	2.10	2.09
251	Household furniture	84.87	83.64	84.67	80.99	80.39	2.07	2.06	2.05	1.99	1.98
2511	Wood house furniture, upholstered	-	80.10	80.98	77.65	77.04	-	1.93	1.91	1.84	1.83
2512	Wood house furniture, upholstered	-	88.98	89.69	83.11	84.63	-	2.23	2.22	2.17	2.17
2515	Mattresses and bedsprings	-	89.01	89.70	86.75	85.79	-	2.30	2.30	2.23	2.24
252	Office furniture	-	108.20	108.97	102.48	99.63	-	2.54	2.54	2.44	2.43
254	Partitions; office and store fixtures	-	112.89	113.02	111.64	108.00	-	2.74	2.73	2.69	2.68
253,9	Other furniture and fixtures	97.29	94.58	94.43	90.47	89.16	2.30	2.29	2.27	2.18	2.18
32	STONE, CLAY, AND GLASS PRODUCTS	115.06	113.82	112.56	110.66	106.97	2.72	2.71	2.68	2.61	2.59
321	Flat glass	-	155.86	154.51	147.98	150.58	-	3.65	3.61	3.49	3.51
322	Glass and glassware, pressed or blown	109.62	109.47	111.92	106.52	104.54	2.70	2.73	2.71	2.63	2.64
3221	Glass containers	-	110.09	114.13	109.89	108.11	-	2.78	2.75	2.70	2.73
3229	Pressed and blown glassware, n.e.c.	-	108.40	109.47	101.96	100.04	-	2.67	2.67	2.53	2.52
324	Cement, hydraulic	131.56	132.19	130.94	121.54	124.09	3.17	3.17	3.14	2.95	2.99
325	Structural clay products	98.41	98.23	95.87	95.15	94.02	2.36	2.35	2.31	2.26	2.26
3251	Brick and structural clay tile	-	92.87	89.04	89.86	87.77	-	2.18	2.12	2.08	2.07
326	Pottery and related products	-	98.00	96.87	94.49	93.06	-	2.45	2.44	2.38	2.35
327	Concrete, gypsum and plaster products	118.99	116.60	114.06	116.10	108.11	2.68	2.65	2.61	2.58	2.52
328,9	Other stone and mineral products	116.33	115.63	113.82	109.88	107.27	2.75	2.74	2.71	2.61	2.61
3291	Abrasive products	-	119.42	118.58	112.61	111.37	-	2.85	2.83	2.72	2.69

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<b>MINING</b> .....	42.7	41.7	42.6	42.6	41.7	-	-	-	-	-
10	METAL MINING .....	-	42.5	41.6	42.0	41.5	-	-	-	-	-
101	Iron ores .....	-	42.4	40.9	41.6	40.5	-	-	-	-	-
102	Copper ores .....	-	44.3	42.9	43.5	42.8	-	-	-	-	-
11,12,	<b>COAL MINING</b> .....	-	34.6	41.1	40.0	39.1	-	-	-	-	-
12	Bituminous .....	-	35.0	41.5	40.4	39.5	-	-	-	-	-
	<b>CRUDE PETROLEUM AND NATURAL</b>										
13	GAS .....	-	42.7	43.0	42.6	42.0	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.9	40.5	40.7	40.6	-	-	-	-	-
138	Oil and gas field services .....	-	44.1	44.9	44.0	43.1	-	-	-	-	-
14	<b>QUARRYING AND NONMETALLIC MINING</b>	-	45.3	44.7	46.7	44.5	-	-	-	-	-
142	Crushed and broken stone .....	-	46.2	45.9	48.1	45.8	-	-	-	-	-
	<b>CONTRACT CONSTRUCTION</b> .....	37.1	37.0	37.7	38.4	36.7	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS .....	-	35.8	36.8	36.8	35.6	-	-	-	-	-
16	HEAVY CONSTRUCTION .....	-	40.2	40.9	42.0	39.6	-	-	-	-	-
161	Highway and street construction .....	-	41.0	41.6	42.8	40.0	-	-	-	-	-
162	Other heavy construction .....	-	39.4	40.4	41.0	39.2	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS .....	-	36.4	37.2	37.8	36.3	-	-	-	-	-
171	Plumbing, heating, and air conditioning	-	38.1	38.7	39.0	38.1	-	-	-	-	-
172	Painting, paperhanging, and decorating	-	35.2	35.2	36.8	35.3	-	-	-	-	-
173	Electrical work .....	-	38.3	38.7	39.0	38.5	-	-	-	-	-
174	Masonry, plastering, stone and tile work	-	34.8	35.6	35.8	34.2	-	-	-	-	-
176	Roofing and sheet metal work .....	-	33.4	34.9	36.3	33.0	-	-	-	-	-
	<b>MANUFACTURING</b> .....	41.5	41.2	41.4	41.2	40.7	4.0	3.9	3.8	3.5	3.1
19,24,25,32-39	<b>DURABLE GOODS</b> .....	42.3	42.2	42.2	42.1	41.7	4.4	4.3	4.2	3.9	3.5
20-23,26-31	<b>NONDURABLE GOODS</b> .....	40.3	39.8	40.2	40.0	39.4	3.4	3.3	3.3	3.1	2.7
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	42.1	42.1	41.8	41.6	41.0	-	3.7	3.3	2.4	1.9
192	Ammunition, except for small arms .....	41.1	41.3	41.1	41.8	41.2	-	3.1	2.8	2.5	2.2
1925	Guided missiles and spacecraft, complete .....	-	41.7	41.9	42.1	41.5	-	-	-	-	-
194	Sighting and fire control equipment .....	-	41.8	42.7	39.8	40.1	-	3.5	3.4	.6	.7
191,3,5,6,9	Other ordnance and accessories .....	44.3	44.0	43.3	41.6	40.8	-	5.0	4.5	2.3	1.5
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT</b>										
24	<b>FURNITURE</b> .....	41.8	41.0	40.6	41.4	40.7	-	4.2	4.0	4.0	3.5
242	Sawmills and planing mills .....	41.9	40.9	40.5	41.2	40.4	-	4.1	4.0	4.0	3.3
2421	Sawmills and planing mills, general	-	40.7	40.3	41.2	40.3	-	-	-	-	-
243	Millwork, plywood, and related products	42.9	41.7	41.3	42.4	41.2	-	4.4	4.1	4.2	3.6
2431	Millwork .....	-	40.6	40.2	41.1	39.7	-	-	-	-	-
2432	Veneer and plywood .....	-	42.8	42.4	43.5	42.8	-	-	-	-	-
244	Wooden containers .....	41.9	41.5	41.1	41.7	40.8	-	4.2	3.5	3.7	3.1
2441,2	Wooden boxes, shooks, and crates .....	-	41.9	41.2	41.8	40.9	-	-	-	-	-
249	Miscellaneous wood products .....	41.3	41.3	41.3	41.5	41.0	-	3.8	3.8	3.6	3.3
25	<b>FURNITURE AND FIXTURES</b> .....	41.4	40.9	41.5	40.9	40.7	-	3.5	3.7	3.2	2.9
251	Household furniture .....	41.0	40.6	41.3	40.7	40.6	-	3.4	3.6	3.2	3.0
2511	Wood house furniture, upholstered .....	-	41.5	42.4	42.2	42.1	-	-	-	-	-
2512	Wood house furniture, upholstered .....	-	39.9	40.4	38.3	39.0	-	-	-	-	-
2515	Mattresses and bedsprings .....	-	38.7	39.0	38.9	38.3	-	-	-	-	-
252	Office furniture .....	-	42.6	42.9	42.0	41.0	-	4.5	4.4	3.4	2.6
254	Partitions; office and store fixtures .....	-	41.2	41.4	41.5	40.3	-	3.7	4.0	3.1	1.9
253,9	Other furniture and fixtures .....	42.3	41.3	41.6	41.5	40.9	-	3.4	3.4	3.3	2.8
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> ..	42.3	42.0	42.0	42.4	41.3	-	4.6	4.4	4.4	3.8
321	Flat glass .....	-	42.7	42.8	42.4	42.9	-	4.8	4.4	3.3	4.1
322	Glass and glassware, pressed or blown	40.6	40.1	41.3	40.5	39.6	-	4.1	4.4	3.8	3.6
3221	Glass containers .....	-	39.6	41.5	40.7	39.6	-	-	-	-	-
3229	Pressed and blown glassware, n.e.c.	-	40.6	41.0	40.3	39.7	-	-	-	-	-
324	Cement, hydraulic .....	41.5	41.7	41.7	41.2	41.5	-	2.8	2.7	2.3	2.2
325	Structural clay products .....	41.7	41.8	41.5	42.1	41.6	-	3.9	3.6	3.8	3.3
3251	Brick and structural clay tile .....	-	42.6	42.0	43.2	42.4	-	-	-	-	-
326	Pottery and related products .....	-	40.0	39.7	39.7	39.6	-	2.6	2.3	2.0	2.0
327	Concrete, gypsum and plaster products .....	44.4	44.0	43.7	45.0	42.9	-	6.6	6.3	6.9	5.7
328,9	Other stone and mineral products .....	42.3	42.2	42.0	42.1	41.1	-	4.3	4.0	3.7	2.9
3291	Abrasive products .....	-	41.9	41.9	41.4	41.4	-	-	-	-	-

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES . . . . .	\$137.99	\$138.74	\$137.25	\$134.09	\$141.12	\$3.27	\$3.28	\$3.26	\$3.17	\$3.20
331	Blast furnace and basic steel products . .	(*)	146.97	143.56	140.69	156.52	(*)	3.55	3.51	3.39	3.44
3312	Blast furnaces, steel and rolling mills . .	-	147.55	144.54	141.66	159.04	-	3.59	3.56	3.43	3.48
332	Iron and steel foundries . . . . .	126.85	123.17	128.60	126.58	122.12	2.95	2.96	2.97	2.89	2.86
3321	Gray iron foundries . . . . .	-	126.73	126.59	127.68	122.97	-	2.90	2.91	2.85	2.84
3322	Malleable iron foundries . . . . .	-	128.13	132.49	122.72	126.05	-	3.08	3.11	2.95	2.98
3323	Steel foundries . . . . .	-	131.33	130.90	124.82	120.10	-	3.04	3.03	2.93	2.88
333,4	Nonferrous smelting and refining . . . . .	128.71	129.32	126.96	123.06	125.21	3.05	3.05	3.03	2.93	2.96
335	Nonferrous rolling, drawing, and extruding .	137.64	134.77	134.20	128.76	127.15	3.10	3.07	3.05	2.96	2.95
3351	Copper rolling, drawing, and extruding . .	-	139.99	140.30	133.29	126.18	-	3.16	3.16	3.05	2.99
3352	Aluminum rolling, drawing, and extruding .	-	141.04	137.26	132.56	140.85	-	3.22	3.17	3.09	3.13
3357	Nonferrous wire drawing and insulating . .	-	127.02	128.16	123.64	117.04	-	2.90	2.88	2.81	2.78
336	Nonferrous foundries . . . . .	118.16	117.74	117.17	113.13	109.06	2.80	2.79	2.77	2.70	2.66
3361	Aluminum castings . . . . .	-	118.58	118.02	112.34	109.48	-	2.83	2.81	2.72	2.69
3362,9	Other nonferrous castings . . . . .	-	117.30	116.03	114.06	109.03	-	2.76	2.73	2.69	2.64
339	Miscellaneous primary metal industries . .	151.51	146.46	150.23	141.57	134.55	3.42	3.43	3.43	3.30	3.25
3391	Iron and steel forgings . . . . .	-	150.72	156.09	146.20	139.74	-	3.58	3.58	3.44	3.40
34	FABRICATED METAL PRODUCTS . . . . .	121.84	119.99	119.85	116.75	113.02	2.86	2.85	2.84	2.76	2.73
341	Metal cans . . . . .	141.70	138.14	135.36	134.83	143.66	3.25	3.22	3.20	3.18	3.28
342	Cutlery, hand tools, and general hardware .	114.26	113.02	113.57	110.81	108.65	2.74	2.73	2.73	2.67	2.65
3421,3,5	Cutlery and hand tools, including saws . .	-	113.21	112.36	105.41	102.66	-	2.67	2.65	2.54	2.51
3429	Hardware, n.e.c. . . . .	-	113.15	114.67	113.85	112.20	-	2.78	2.79	2.75	2.73
343	Heating equipment and plumbing fixtures . .	110.03	108.40	108.00	104.40	101.01	2.71	2.71	2.70	2.61	2.59
3431,2	Sanitary ware and plumbers' brass goods .	-	110.42	109.07	105.59	103.10	-	2.74	2.72	2.62	2.61
3433	Heating equipment, except electric . . . .	-	106.40	106.53	103.22	99.33	-	2.68	2.67	2.60	2.58
344	Fabricated structural metal products . . . .	119.42	117.73	117.03	114.11	108.95	2.85	2.83	2.82	2.73	2.69
3441	Fabricated structural steel . . . . .	-	120.38	119.39	116.06	111.66	-	2.88	2.87	2.77	2.73
3442	Metal doors, sash, frames, and trim . . . .	-	99.38	98.40	98.47	92.67	-	2.46	2.46	2.39	2.37
3443	Fabricated plate work (boiler shops) . . . .	-	123.06	124.10	119.85	113.70	-	2.93	2.92	2.84	2.78
3444	Sheet metal work . . . . .	-	123.02	123.35	120.98	116.62	-	2.95	2.93	2.86	2.81
3446,9	Architectural and misc. metal work . . . .	-	119.70	113.93	110.70	106.38	-	2.85	2.82	2.72	2.70
345	Screw machine products, bolts, etc. . . . .	128.13	126.83	128.82	121.00	117.50	2.86	2.85	2.85	2.75	2.72
3451	Screw machine products . . . . .	-	118.63	120.78	112.15	110.94	-	2.69	2.69	2.59	2.58
3452	Bolts, nuts, screws, rivets, and washers .	-	133.80	135.29	128.45	123.26	-	2.98	2.98	2.88	2.84
346	Metal stampings . . . . .	134.90	132.75	131.89	131.26	125.40	3.08	3.08	3.06	2.99	2.93
347	Coating, engraving, and allied services . .	107.36	105.08	105.42	98.95	96.29	2.55	2.52	2.51	2.39	2.36
348	Miscellaneous fabricated wire products . . .	110.46	108.84	108.52	104.25	101.93	2.63	2.61	2.59	2.50	2.48
349	Miscellaneous fabricated metal products . .	119.99	117.46	117.87	116.05	111.65	2.81	2.79	2.78	2.75	2.71
3494,8	Valves, pipe, and pipe fittings . . . . .	-	120.70	121.55	119.71	114.26	-	2.84	2.84	2.81	2.74
35	MACHINERY . . . . .	135.83	134.03	134.51	127.74	123.38	3.08	3.06	3.05	2.95	2.91
351	Engines and turbines . . . . .	(*)	144.86	141.57	132.29	132.48	(*)	3.33	3.30	3.18	3.20
3511	Steam engines and turbines . . . . .	-	147.65	145.51	135.74	138.04	-	3.41	3.44	3.36	3.40
3519	Internal combustion engines, n.e.c. . . . .	-	143.88	140.40	130.82	130.00	-	3.30	3.25	3.10	3.11
352	Farm machinery and equipment . . . . .	-	131.09	132.62	119.31	116.97	-	3.07	3.07	2.91	2.86
353	Construction and related machinery . . . .	133.85	132.07	133.42	124.82	122.22	3.07	3.05	3.06	2.93	2.91
3531,2	Construction and mining machinery . . . .	-	135.56	135.77	127.44	125.70	-	3.16	3.15	3.02	3.00
3533	Oil field machinery and equipment . . . . .	-	124.68	121.82	121.00	118.21	-	2.84	2.82	2.75	2.73
3535,6	Conveyors, hoists, and industrial cranes . .	-	130.24	136.34	120.37	115.93	-	2.94	2.99	2.81	2.78
354	Metalworking machinery and equipment . . .	156.37	153.45	153.64	146.10	141.75	3.32	3.30	3.29	3.19	3.15
3541	Machine tools, metal cutting types . . . . .	-	146.28	146.45	138.31	133.79	-	3.18	3.17	3.06	3.02
3544	Special dies, tools, jigs, and fixtures . . .	-	172.18	171.34	164.57	160.14	-	3.55	3.54	3.45	3.40
3545	Machine tool accessories . . . . .	-	137.56	138.01	130.54	126.29	-	3.03	3.02	2.94	2.91
3542,8	Miscellaneous metalworking machinery . . .	-	141.51	143.74	135.86	130.94	-	3.18	3.18	3.06	3.01
355	Special industry machinery . . . . .	125.99	124.98	125.24	120.22	114.36	2.87	2.86	2.84	2.77	2.71
3551	Food products machinery . . . . .	-	131.26	129.79	127.01	114.00	-	2.99	2.96	2.94	2.85
3552	Textile machinery . . . . .	-	103.76	105.22	101.95	99.06	-	2.43	2.43	2.36	2.32
3555	Printing trades machinery . . . . .	-	134.04	131.67	127.54	124.07	-	3.11	3.02	2.98	2.94
356	General industrial machinery . . . . .	134.33	132.24	132.54	125.99	120.80	3.06	3.04	3.04	2.93	2.89
3561	Pumps; air and gas compressors . . . . .	-	127.46	127.31	122.39	116.48	-	2.93	2.92	2.82	2.78
3562	Ball and roller bearings . . . . .	-	137.34	136.28	132.68	123.97	-	3.15	3.14	3.05	2.98
3566	Mechanical power transmission goods . . .	-	135.58	135.74	125.42	121.96	-	3.04	3.03	2.91	2.89
357	Office, computing, and accounting machines	131.63	128.52	132.13	125.33	122.13	3.09	3.06	3.08	2.97	2.95
3571	Computing machines and cash registers . .	-	134.92	139.00	132.40	128.96	-	3.22	3.24	3.13	3.10
358	Service industry machines . . . . .	116.34	115.79	115.92	113.82	109.34	2.79	2.77	2.76	2.71	2.68
3585	Refrigeration, except home refrigerators .	-	115.37	114.54	115.08	110.30	-	2.78	2.76	2.74	2.71
359	Miscellaneous machinery . . . . .	128.03	127.58	127.87	122.48	117.00	2.89	2.88	2.88	2.79	2.74

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<i>Durable Goods--Continued</i>										
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	42.2	42.3	42.1	42.3	44.1	4.2	3.9	3.9	4.4	
331	Blast furnace and basic steel products . .	(*)	41.4	40.9	41.5	45.5	2.8	2.4	2.9	4.6	
3312	Blast furnaces, steel and rolling mills . .	-	41.1	40.6	41.3	45.7	-	-	-	-	
332	Iron and steel foundries . . . . .	43.0	43.3	43.3	43.8	42.7	5.7	5.6	5.8	5.0	
3321	Gray iron foundries . . . . .	-	43.7	43.5	44.8	43.3	-	-	-	-	
3322	Malleable iron foundries . . . . .	-	41.6	42.6	41.6	42.3	-	-	-	-	
3323	Steel foundries . . . . .	-	43.2	43.2	42.6	41.7	-	-	-	-	
333,4	Nonferrous smelting and refining . . . . .	42.2	42.4	41.9	42.0	42.3	4.0	3.6	3.5	3.3	
335	Nonferrous rolling, drawing, and extruding .	44.4	43.9	44.0	43.5	43.1	6.0	5.8	4.9	4.3	
3351	Copper rolling, drawing, and extruding . .	-	44.3	44.4	43.7	42.2	-	-	-	-	
3352	Aluminum rolling, drawing, and extruding .	-	43.8	43.3	42.9	45.0	-	-	-	-	
3357	Nonferrous wire drawing and insulating . .	-	43.8	44.5	44.0	42.1	-	-	-	-	
336	Nonferrous foundries . . . . .	42.2	42.2	42.3	41.9	41.0	4.6	4.5	3.6	3.5	
3361	Aluminum castings . . . . .	-	41.9	42.0	41.3	40.7	-	-	-	-	
3362,9	Other nonferrous castings . . . . .	-	42.5	42.5	42.4	41.3	-	-	-	-	
339	Miscellaneous primary metal industries . .	44.3	42.7	43.8	42.9	41.4	5.5	6.2	4.6	3.5	
3391	Iron and steel forgings . . . . .	-	42.1	43.6	42.5	41.1	-	-	-	-	
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	42.6	42.1	42.2	42.3	41.4	4.3	4.2	4.0	3.4	
341	Metal cans . . . . .	43.6	42.9	42.3	42.4	43.8	4.4	3.8	4.2	5.8	
342	Cutlery, hand tools, and general hardware .	41.7	41.4	41.6	41.5	41.0	3.6	3.4	3.5	3.1	
3421,3,5	Cutlery and hand tools, including saws . .	-	42.4	42.4	41.5	40.9	-	-	-	-	
3429	Hardware, n.e.c. . . . .	-	40.7	41.1	41.4	41.1	-	-	-	-	
343	Heating equipment and plumbing fixtures . .	40.6	40.0	40.0	40.0	39.0	2.5	2.4	2.1	1.5	
3431,2	Sanitary ware and plumbers' brass goods .	-	40.3	40.1	40.3	39.5	-	-	-	-	
3433	Heating equipment, except electric . . . .	-	39.7	39.9	39.7	38.5	-	-	-	-	
344	Fabricated structural metal products . . . .	41.9	41.6	41.5	41.8	40.5	3.6	3.5	3.4	2.6	
3441	Fabricated structural steel . . . . .	-	41.8	41.6	41.9	40.9	-	-	-	-	
3442	Metal doors, sash, frames, and trim . . . .	-	40.4	40.0	41.2	39.1	-	-	-	-	
3443	Fabricated plate work (boiler shops) . . . .	-	42.0	42.5	42.2	40.9	-	-	-	-	
3444	Sheet metal work . . . . .	-	41.7	42.1	42.3	41.5	-	-	-	-	
3446,9	Architectural and misc. metal work . . . .	-	42.0	40.4	40.7	39.4	-	-	-	-	
345	Screw machine products, bolts, etc. . . . .	44.8	44.5	45.2	44.0	43.2	6.5	6.8	5.2	4.5	
3451	Screw machine products . . . . .	-	44.1	44.9	43.3	43.0	-	-	-	-	
3452	Bolts, nuts, screws, rivets, and washers .	-	44.9	45.4	44.6	43.4	-	-	-	-	
346	Metal stampings . . . . .	43.8	43.1	43.1	43.9	42.8	5.5	5.3	5.5	4.4	
347	Coating, engraving, and allied services . .	42.1	41.7	42.0	41.4	40.8	5.0	4.8	4.1	3.5	
348	Miscellaneous fabricated wire products . . .	42.0	41.7	41.9	41.7	41.1	4.1	4.1	3.6	3.0	
349	Miscellaneous fabricated metal products . .	42.7	42.1	42.4	42.2	41.2	3.9	4.3	3.7	2.9	
3494,8	Valves, pipe, and pipe fittings . . . . .	-	42.5	42.8	42.6	41.7	-	-	-	-	
35	<b>MACHINERY</b> . . . . .	44.1	43.8	44.1	43.3	42.4	5.5	5.7	4.6	4.0	
351	Engines and turbines . . . . .	(*)	43.5	42.9	41.6	41.4	5.8	5.4	3.7	3.8	
3511	Steam engines and turbines . . . . .	-	43.3	42.3	40.4	40.6	-	-	-	-	
3519	Internal combustion engines, n.e.c. . . . .	-	43.6	43.2	42.2	41.8	-	-	-	-	
352	Farm machinery and equipment . . . . .	-	42.7	43.2	41.0	40.9	4.5	4.3	2.8	2.4	
353	Construction and related machinery . . . .	43.6	43.3	43.6	42.6	42.0	5.0	5.1	4.2	3.6	
3531,2	Construction and mining machinery . . . .	-	42.9	43.1	42.2	41.9	-	-	-	-	
3533	Oil field machinery and equipment . . . . .	-	43.9	43.2	44.0	43.3	-	-	-	-	
3535,6	Conveyors, hoists, and industrial cranes . .	-	44.3	45.6	42.8	41.7	-	-	-	-	
354	Metalworking machinery and equipment . . .	47.1	46.5	46.7	45.8	45.0	8.0	8.2	7.0	6.3	
3541	Machine tools, metal cutting types . . . . .	-	46.0	46.2	45.2	44.3	-	-	-	-	
3544	Special dies, tools, jigs, and fixtures . . . .	-	48.5	48.4	47.7	47.1	-	-	-	-	
3545	Machine tool accessories . . . . .	-	45.4	45.7	44.4	43.4	-	-	-	-	
3542,8	Miscellaneous metalworking machinery . . .	-	44.5	45.2	44.4	43.5	-	-	-	-	
355	Special industry machinery . . . . .	43.9	43.7	44.1	43.4	42.2	5.3	5.6	4.7	3.8	
3551	Food products machinery . . . . .	-	43.9	43.7	43.2	40.0	-	-	-	-	
3552	Textile machinery . . . . .	-	42.7	43.3	43.2	42.7	-	-	-	-	
3555	Printing trades machinery . . . . .	-	43.1	43.6	42.8	42.2	-	-	-	-	
356	General industrial machinery . . . . .	43.9	43.5	43.6	43.0	41.8	5.2	5.2	4.5	3.2	
3561	Pumps; air and gas compressors . . . . .	-	43.5	43.6	43.4	41.9	-	-	-	-	
3562	Ball and roller bearings . . . . .	-	43.6	43.4	43.5	41.6	-	-	-	-	
3566	Mechanical power transmission goods . . . .	-	44.6	44.8	43.1	42.2	-	-	-	-	
357	Office, computing, and accounting machines .	42.6	42.0	42.9	42.2	41.4	3.6	4.2	2.6	2.5	
3571	Computing machines and cash registers . .	-	41.9	42.9	42.3	41.6	-	-	-	-	
358	Service industry machines . . . . .	41.7	41.8	42.0	42.0	40.8	3.2	3.5	3.1	2.5	
3585	Refrigeration, except home refrigerators .	-	41.5	41.5	42.0	40.7	-	-	-	-	
359	Miscellaneous machinery . . . . .	44.3	44.3	44.4	43.9	42.7	6.3	6.3	5.5	4.7	

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
<i>Durable Goods--Continued</i>											
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>											
36	SUPPLIES	\$108.09	\$107.68	\$107.79	\$105.37	\$102.91	\$2.63	\$2.62	\$2.61	\$2.57	\$2.56
361	Electric distribution equipment	114.53	113.30	115.50	112.75	110.03	2.74	2.73	2.75	2.73	2.71
3611	Electric measuring instruments	-	103.41	103.66	99.54	98.31	-	2.51	2.51	2.47	2.47
3612	Power and distribution transformers	-	118.86	119.00	116.75	117.18	-	2.81	2.84	2.82	2.81
3613	Switchgear and switchboard apparatus	-	118.53	122.83	120.25	114.09	-	2.87	2.89	2.87	2.81
362	Electrical industrial apparatus	117.73	117.87	118.71	115.48	112.19	2.77	2.78	2.78	2.73	2.71
3621	Motors and generators	-	119.14	119.14	117.87	113.99	-	2.81	2.81	2.78	2.76
3622	Industrial controls	-	114.09	115.83	111.83	108.88	-	2.71	2.70	2.65	2.63
363	Household appliances	118.24	119.68	114.77	112.33	111.93	2.87	2.87	2.82	2.76	2.75
3632	Household refrigerators and freezers	-	132.68	121.50	124.92	123.19	-	3.10	3.03	3.01	2.99
3633	Household laundry equipment	-	120.36	125.28	110.26	108.86	-	2.95	2.99	2.82	2.77
3634	Electric housewares and fans	-	99.14	100.04	97.61	97.61	-	2.46	2.47	2.41	2.41
364	Electric lighting and wiring equipment	102.91	101.34	101.43	99.63	96.24	2.51	2.49	2.48	2.43	2.40
3641	Electric lamps	-	104.86	104.86	103.38	100.00	-	2.57	2.57	2.54	2.50
3642	Lighting fixtures	-	99.29	99.06	100.21	97.77	-	2.47	2.44	2.45	2.42
3643,4	Wiring devices	-	100.86	101.35	97.23	93.13	-	2.46	2.46	2.36	2.34
365	Radio and TV receiving sets	89.17	91.57	91.87	88.98	87.62	2.31	2.33	2.32	2.27	2.27
366	Communication equipment	120.22	119.65	120.67	116.31	111.48	2.89	2.89	2.88	2.83	2.78
3661	Telephone and telegraph apparatus	-	121.72	123.19	118.53	110.92	-	2.94	2.94	2.87	2.78
3662	Radio and TV communication equipment	-	118.28	119.00	114.80	112.03	-	2.85	2.84	2.80	2.78
367	Electronic components and accessories	93.25	91.35	92.43	90.20	87.56	2.28	2.25	2.26	2.20	2.20
3671-3	Electron tubes	-	110.93	112.46	102.75	101.40	-	2.55	2.55	2.47	2.51
3674,9	Electronic components, n.e.c.	-	86.37	87.02	86.50	83.56	-	2.17	2.17	2.12	2.11
369	Misc. electrical equipment and supplies	117.79	117.62	117.10	112.33	111.35	2.88	2.89	2.87	2.76	2.77
3694	Electrical equipment for engines	-	121.10	118.80	118.20	116.87	-	2.99	2.97	2.89	2.90
<b>TRANSPORTATION EQUIPMENT</b>											
37	Motor vehicles and equipment	140.48	141.47	140.06	137.81	134.09	3.29	3.29	3.28	3.19	3.17
371	Motor vehicles	(*)	148.68	144.57	148.07	144.32	(*)	3.41	3.37	3.32	3.31
3711	Motor vehicles	-	154.86	149.04	155.50	150.62	-	3.48	3.45	3.41	3.40
3712	Passenger car bodies	-	149.74	144.14	148.70	154.07	-	3.54	3.49	3.45	3.47
3713	Truck and bus bodies	-	114.11	114.54	114.51	111.78	-	2.79	2.78	2.72	2.70
3714	Motor vehicle parts and accessories	-	148.43	145.68	147.74	142.35	-	3.42	3.38	3.32	3.28
372	Aircraft and parts	141.70	139.75	141.48	130.73	127.00	3.25	3.25	3.26	3.12	3.09
3721	Aircraft	-	139.73	140.81	128.86	127.41	-	3.28	3.29	3.12	3.10
3722	Aircraft engines and engine parts	-	141.26	143.01	134.30	125.96	-	3.27	3.28	3.16	3.11
3723,9	Other aircraft parts and equipment	-	137.09	140.04	129.93	126.42	-	3.13	3.14	3.05	3.01
373	Ship and boat building and repairing	130.83	129.07	130.10	122.78	120.47	3.13	3.11	3.12	2.98	2.96
3731	Ship building and repairing	-	135.05	137.52	128.64	126.27	-	3.27	3.29	3.13	3.11
3732	Boat building and repairing	-	101.63	98.71	99.48	97.88	-	2.38	2.39	2.38	2.37
374	Railroad equipment	-	138.20	132.44	127.92	124.34	-	3.33	3.27	3.19	3.18
375,9	Other transportation equipment	-	95.68	95.60	93.56	89.77	-	2.38	2.39	2.31	2.29
<b>INSTRUMENTS AND RELATED PRODUCTS</b>											
38	Engineering and scientific instruments	114.33	112.29	112.67	107.90	104.38	2.69	2.68	2.67	2.60	2.59
381	Engineering and scientific instruments	-	130.59	133.18	124.44	113.96	-	3.08	3.09	2.97	2.96
382	Mechanical measuring and control devices	116.14	114.36	113.79	108.47	103.86	2.72	2.71	2.69	2.62	2.59
3821	Mechanical measuring devices	-	117.12	116.69	109.67	105.56	-	2.73	2.72	2.63	2.60
3822	Automatic temperature controls	-	110.27	109.98	107.01	101.26	-	2.67	2.65	2.61	2.57
383,5	Optical and ophthalmic goods	102.43	96.63	101.46	96.70	95.82	2.41	2.38	2.41	2.33	2.32
385	Ophthalmic goods	-	88.26	91.24	88.37	87.72	-	2.19	2.22	2.15	2.15
384	Surgical, medical, and dental equipment	96.51	93.79	93.89	90.63	88.26	2.32	2.31	2.29	2.26	2.24
386	Photographic equipment and supplies	(*)	135.21	131.63	129.90	127.75	(*)	3.08	3.04	3.00	3.02
387	Watches and clocks	-	90.50	91.62	87.85	85.28	-	2.24	2.24	2.18	2.17
<b>MISC. MANUFACTURING INDUSTRIES</b>											
39	Jewelry, silverware, and plated ware	88.80	87.74	88.88	84.56	83.10	2.22	2.21	2.20	2.13	2.12
391	Jewelry, silverware, and plated ware	100.12	100.21	100.60	93.96	92.92	2.46	2.45	2.43	2.32	2.30
394	Toys, amusement, and sporting goods	-	77.61	78.99	76.05	73.92	-	1.99	2.01	1.94	1.93
3941-3	Toys, games, dolls, and play vehicles	-	74.30	76.82	72.77	70.69	-	1.94	1.98	1.89	1.89
3949	Sporting and athletic goods, n.e.c.	-	83.01	82.81	81.61	80.00	-	2.07	2.06	2.02	2.01
395	Pens, pencils, office and art materials	-	84.84	85.44	82.41	81.19	-	2.10	2.12	2.05	2.04
396	Costume jewelry, buttons, and notions	-	79.97	82.42	78.41	77.03	-	2.04	2.04	1.97	1.97
393,8,9	Other manufacturing industries	95.75	94.80	95.47	90.52	89.04	2.37	2.37	2.34	2.28	2.26
393	Musical instruments and parts	-	98.25	99.53	95.27	93.06	-	2.42	2.41	2.37	2.35
<i>Nondurable Goods</i>											
<b>FOOD AND KINDRED PRODUCTS</b>											
20	Meat products	103.89	102.21	101.25	100.45	98.74	2.54	2.53	2.50	2.45	2.45
201	Meat products	109.20	106.53	105.73	107.42	105.06	2.67	2.65	2.67	2.62	2.62
2011	Meat packing	-	124.64	124.94	123.73	123.31	-	3.04	3.04	2.96	2.95
2013	Sausages and other prepared meats	-	114.51	115.83	116.34	110.00	-	2.87	2.86	2.79	2.75
2015	Poultry dressing and packing	-	61.60	56.25	60.45	55.65	-	1.60	1.58	1.57	1.55

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<i>Durable Goods--Continued</i>										
	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>										
36	SUPPLIES	41.1	41.1	41.3	41.0	40.2	-	3.2	3.3	2.5	2.1
361	Electric distribution equipment	41.8	41.5	42.0	41.3	40.6	-	3.4	3.7	2.7	2.3
3611	Electric measuring instruments	-	41.2	41.3	40.3	39.8	-	-	-	-	-
3612	Power and distribution transformers	-	42.3	41.9	41.4	41.7	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	41.3	42.5	41.9	40.6	-	-	-	-	-
362	Electrical industrial apparatus	42.5	42.4	42.7	42.3	41.4	-	4.5	4.4	3.8	3.5
3621	Motors and generators	-	42.4	42.4	42.4	41.3	-	-	-	-	-
3622	Industrial controls	-	42.1	42.9	42.2	41.4	-	-	-	-	-
363	Household appliances	41.2	41.7	40.7	40.7	40.7	-	3.7	2.9	2.5	2.5
3632	Household refrigerators and freezers	-	42.8	40.1	41.5	41.2	-	-	-	-	-
3633	Household laundry equipment	-	40.8	41.9	39.1	39.3	-	-	-	-	-
3634	Electric housewares and fans	-	40.3	40.5	40.5	40.5	-	-	-	-	-
364	Electric lighting and wiring equipment	41.0	40.7	40.9	41.0	40.1	-	2.8	2.7	2.6	2.0
3641	Electric lamps	-	40.8	40.8	40.7	40.0	-	-	-	-	-
3642	Lighting fixtures	-	40.2	40.6	40.9	40.4	-	-	-	-	-
3643,4	Wiring devices	-	41.0	41.2	41.2	39.8	-	-	-	-	-
365	Radio and TV receiving sets	38.6	39.3	39.6	39.2	38.6	-	2.5	2.3	1.9	1.5
366	Communication equipment	41.6	41.4	41.9	41.1	40.1	-	3.1	3.3	2.2	1.4
3661	Telephone and telegraph apparatus	-	41.4	41.9	41.3	39.9	-	-	-	-	-
3662	Radio and TV communication equipment	-	41.5	41.9	41.0	40.3	-	-	-	-	-
367	Electronic components and accessories	40.9	40.6	40.9	41.0	39.8	-	3.1	3.4	2.2	1.8
3671-3	Electron tubes	-	43.5	44.1	41.6	40.4	-	-	-	-	-
3674,9	Electronic components, n.e.c.	-	39.8	40.1	40.8	39.6	-	-	-	-	-
369	Misc. electrical equipment and supplies	40.9	40.7	40.8	40.7	40.2	-	3.0	3.0	2.7	2.6
3694	Electrical equipment for engines	-	40.5	40.0	40.9	40.3	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT</b>	42.7	43.0	42.7	43.2	42.3	-	5.1	4.7	4.8	4.1
371	Motor vehicles and equipment	(*)	43.6	42.9	44.6	43.6	-	5.7	4.7	6.4	5.6
3711	Motor vehicles	-	44.5	43.2	45.6	44.3	-	-	-	-	-
3712	Passenger car bodies	-	42.3	41.3	43.1	44.4	-	-	-	-	-
3713	Truck and bus bodies	-	40.9	41.2	42.1	41.4	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	43.4	43.1	44.5	43.4	-	-	-	-	-
372	Aircraft and parts	43.6	43.0	43.4	41.9	41.1	-	4.7	5.1	2.7	1.9
3721	Aircraft	-	42.6	42.8	41.3	41.1	-	-	-	-	-
3722	Aircraft engines and engine parts	-	43.2	43.6	42.5	40.5	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	43.8	44.6	42.6	42.0	-	-	-	-	-
373	Ship and boat building and repairing	41.8	41.5	41.7	41.2	40.7	-	4.2	4.4	3.6	3.2
3731	Ship building and repairing	-	41.3	41.8	41.1	40.6	-	-	-	-	-
3732	Boat building and repairing	-	42.7	41.3	41.8	41.3	-	-	-	-	-
374	Railroad equipment	-	41.5	40.5	40.1	39.1	-	3.7	3.0	2.4	2.2
375,9	Other transportation equipment	-	40.2	40.0	40.5	39.2	-	3.0	2.8	3.2	2.3
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	42.5	41.9	42.2	41.5	40.3	-	3.5	3.6	3.0	2.3
381	Engineering and scientific instruments	-	42.4	43.1	41.9	38.5	-	3.8	3.9	3.3	2.3
382	Mechanical measuring and control devices	42.7	42.2	42.3	41.4	40.1	-	4.0	3.7	2.8	2.3
3821	Mechanical measuring devices	-	42.9	42.9	41.7	40.6	-	-	-	-	-
3822	Automatic temperature controls	-	41.3	41.5	41.0	39.4	-	-	-	-	-
383,5	Optical and ophthalmic goods	42.5	40.6	42.1	41.5	41.3	-	2.2	3.3	2.7	2.4
385	Ophthalmic goods	-	40.3	41.1	41.1	40.8	-	2.1	2.9	2.6	2.1
384	Surgical, medical, and dental equipment	41.6	40.6	41.0	40.1	39.4	-	2.7	2.7	2.0	1.4
386	Photographic equipment and supplies	(*)	43.9	43.3	43.3	42.3	-	4.9	4.7	4.1	3.7
387	Watches and clocks	-	40.4	40.9	40.3	39.3	-	2.5	2.8	2.4	1.4
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	40.0	39.7	40.4	39.7	39.2	-	2.8	3.1	2.4	2.2
391	Jewelry, silverware, and plated ware	40.7	40.9	41.4	40.5	40.4	-	4.2	4.3	3.4	3.3
394	Toys, amusement, and sporting goods	-	39.0	39.3	39.2	38.3	-	2.6	2.7	2.3	2.2
3941-3	Toys, games, dolls, and play vehicles	-	38.3	38.8	38.5	37.4	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	40.1	40.2	40.4	39.8	-	-	-	-	-
395	Pens, pencils, office and art materials	-	40.4	40.3	40.2	39.8	-	2.0	2.4	1.9	1.8
396	Costume jewelry, buttons, and notions	-	39.2	40.4	39.8	39.1	-	2.8	3.0	2.2	2.0
393,8,9	Other manufacturing industries	40.4	40.0	40.8	39.7	39.4	-	2.7	3.1	2.3	2.0
393	Musical instruments and parts	-	40.6	41.3	40.2	39.6	-	2.9	3.2	2.6	2.3
	<i>Nondurable Goods</i>										
20	<b>FOOD AND KINDRED PRODUCTS</b>	40.9	40.4	40.5	41.0	40.3	-	3.4	3.4	3.7	3.3
201	Meat products	40.9	40.2	39.6	41.0	40.1	-	3.5	3.4	4.1	3.6
2011	Meat packing	-	41.0	41.1	41.8	41.8	-	-	-	-	-
2013	Sausages and other prepared meats	-	39.9	40.5	41.7	40.0	-	-	-	-	-
2015	Poultry dressing and packing	-	38.5	35.6	38.5	35.9	-	-	-	-	-

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products . . . . .	\$107.94	\$107.26	\$106.85	\$105.15	\$103.74	\$2.57	\$2.56	\$2.55	\$2.48	\$2.47
2024	Ice cream and frozen desserts . . . . .	-	104.94	104.41	104.83	103.28	-	2.63	2.63	2.52	2.55
2026	Fluid milk . . . . .	-	112.36	111.14	110.17	108.54	-	2.65	2.64	2.58	2.56
203	Canned and preserved food, except meats . . . . .	-	83.55	81.30	79.17	75.17	-	2.17	2.09	2.03	2.01
2031,6	Canned, cured and frozen sea foods . . . . .	-	56.00	57.96	52.49	51.10	-	1.83	1.72	1.63	1.53
2032,3	Canned food, except sea foods . . . . .	-	91.37	89.91	88.13	83.10	-	2.29	2.22	2.16	2.21
2037	Frozen food, except sea foods . . . . .	-	84.87	78.00	78.88	75.58	-	2.05	1.95	1.91	1.88
204	Grain mill products . . . . .	115.44	114.23	114.84	110.25	111.25	2.60	2.62	2.61	2.50	2.54
2041	Flour and other grain mill products . . . . .	-	122.99	121.21	116.34	118.10	-	2.77	2.73	2.65	2.66
2042	Prepared feeds for animals and fowls . . . . .	-	98.12	96.79	94.26	94.76	-	2.21	2.18	2.09	2.12
205	Bakery products . . . . .	104.75	102.40	101.35	100.35	99.05	2.58	2.56	2.54	2.49	2.47
2051	Bread, cake, and perishable products . . . . .	-	103.97	102.40	102.72	101.25	-	2.58	2.56	2.53	2.50
2052	Biscuit, crackers, and pretzels . . . . .	-	95.94	97.42	93.30	92.19	-	2.46	2.46	2.38	2.37
206	Sugar . . . . .	-	117.01	119.97	117.17	110.40	-	2.84	2.79	2.77	2.76
207	Confectionery and related products . . . . .	86.46	85.14	86.18	83.28	80.98	2.24	2.20	2.16	2.13	2.12
2071	Candy and other confectionery products . . . . .	-	81.20	82.58	80.13	77.11	-	2.12	2.08	2.06	2.04
208	Beverages . . . . .	116.64	116.93	114.97	114.95	112.72	2.88	2.88	2.86	2.79	2.79
2082	Malt liquors . . . . .	-	152.18	149.85	147.78	144.80	-	3.73	3.70	3.64	3.62
2086	Bottled and canned soft drinks . . . . .	-	87.13	85.47	86.05	81.77	-	2.12	2.10	2.02	1.98
209	Miscellaneous food and kindred products . . . . .	102.06	99.84	99.54	97.86	96.28	2.43	2.40	2.37	2.33	2.32
21	<b>TOBACCO MANUFACTURERS . . . . .</b>	86.41	85.65	84.80	81.10	77.96	2.28	2.26	2.22	2.18	2.19
211	Cigarettes . . . . .	-	103.72	102.80	96.72	94.17	-	2.68	2.67	2.60	2.58
212	Cigars . . . . .	-	65.28	66.15	62.87	58.48	-	1.75	1.75	1.69	1.71
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	81.64	79.90	81.22	76.54	75.03	1.93	1.93	1.92	1.84	1.83
221	Cotton broad woven fabrics . . . . .	83.76	82.84	84.15	78.38	77.23	1.93	1.94	1.93	1.84	1.83
222	Silk and synthetic broad woven fabrics . . . . .	87.32	85.14	86.68	82.78	80.60	1.98	1.98	1.97	1.89	1.87
223	Weaving and finishing broad woolsens . . . . .	89.76	87.26	87.23	83.42	82.18	2.04	2.02	2.01	1.94	1.92
224	Narrow fabrics and smallwares . . . . .	80.64	77.49	79.52	75.76	73.67	1.92	1.89	1.88	1.83	1.81
225	Knitting . . . . .	72.68	68.81	70.98	67.55	65.60	1.84	1.83	1.82	1.75	1.74
2251	Women's full and knee length hosiery . . . . .	-	65.87	72.22	66.29	65.39	-	1.79	1.81	1.74	1.73
2252	All other hosiery . . . . .	-	56.80	59.31	56.83	55.29	-	1.60	1.59	1.54	1.54
2253	Knit outerwear . . . . .	-	73.63	73.89	72.57	69.19	-	1.99	1.96	1.88	1.87
2254	Knit underwear . . . . .	-	66.56	67.60	63.53	62.54	-	1.72	1.72	1.65	1.65
226	Finishing textiles, except wool and knit . . . . .	90.92	92.19	91.94	84.77	81.56	2.09	2.10	2.08	1.99	1.97
227	Floor covering . . . . .	-	79.95	81.60	76.63	77.15	-	1.95	1.92	1.86	1.85
228	Yarn and thread . . . . .	76.50	76.32	76.79	72.25	71.15	1.80	1.80	1.79	1.70	1.69
229	Miscellaneous textile goods . . . . .	92.45	91.59	91.38	86.11	84.05	2.16	2.15	2.13	2.06	2.05
23	<b>APPAREL AND RELATED PRODUCTS . . . . .</b>	68.44	67.51	69.37	65.52	63.72	1.87	1.87	1.88	1.80	1.79
231	Men's and boys' suits and coats . . . . .	85.47	83.92	85.25	81.37	78.28	2.22	2.22	2.22	2.13	2.11
232	Men's and boys' furnishings . . . . .	57.93	57.67	59.09	57.68	56.61	1.57	1.58	1.58	1.53	1.53
2321	Men's and boys' shirts and nightwear . . . . .	-	57.04	58.93	56.70	56.24	-	1.58	1.58	1.52	1.52
2327	Men's and boys' separate trousers . . . . .	-	58.46	60.04	58.14	57.68	-	1.58	1.58	1.53	1.53
2328	Work clothing . . . . .	-	56.24	56.17	56.92	54.61	-	1.52	1.51	1.49	1.48
233	Women's, misses', and juniors' outerwear . . . . .	71.40	70.99	73.28	66.84	65.86	2.04	2.04	2.07	1.96	1.96
2331	Women's blouses, waists, and shirts . . . . .	-	62.63	62.81	58.31	57.29	-	1.81	1.81	1.72	1.71
2335	Women's, misses', and juniors' dresses . . . . .	-	73.70	74.69	67.67	68.21	-	2.13	2.11	2.02	2.03
2337	Women's suits, skirts, and coats . . . . .	-	77.45	83.49	76.16	69.53	-	2.34	2.47	2.26	2.25
2339	Women's and misses' outerwear, n.e.c. . . . .	-	64.58	66.15	62.24	61.90	-	1.75	1.75	1.71	1.71
234	Women's and children's undergarments . . . . .	63.30	61.39	63.07	59.50	57.21	1.72	1.71	1.70	1.63	1.63
2341	Women's and children's underwear . . . . .	-	58.03	60.64	56.83	54.64	-	1.63	1.63	1.57	1.57
2342	Corsets and allied garments . . . . .	-	67.70	68.27	64.58	62.13	-	1.86	1.85	1.75	1.75
235	Hats, caps, and millinery . . . . .	-	66.23	73.66	67.13	67.07	-	1.85	1.98	1.87	1.90
236	Girls' and children's outerwear . . . . .	64.24	62.47	64.38	61.12	57.40	1.76	1.74	1.74	1.67	1.64
2361	Children's dresses, blouses, and shirts . . . . .	-	60.37	62.26	60.09	57.45	-	1.72	1.72	1.66	1.67
237,8	Fur goods and miscellaneous apparel . . . . .	-	71.34	71.57	70.25	67.26	-	1.96	1.95	1.93	1.90
239	Miscellaneous fabricated textile products . . . . .	74.69	73.71	73.92	73.54	70.88	1.95	1.95	1.93	1.92	1.89
2391,2	Housefurnishings . . . . .	-	62.87	65.40	60.72	59.86	-	1.69	1.69	1.65	1.64
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	119.30	117.50	116.91	112.66	109.72	2.73	2.72	2.70	2.62	2.60
261,2,6	Paper and pulp . . . . .	135.00	132.91	131.72	127.11	123.52	3.00	2.98	2.96	2.85	2.82
263	Paperboard . . . . .	142.13	141.52	136.96	130.34	125.12	3.05	3.05	3.01	2.89	2.85
264	Converted paper and paperboard products . . . . .	103.99	101.92	101.99	97.88	97.00	2.47	2.45	2.44	2.37	2.36
2643	Bags, except textile bags . . . . .	-	96.64	97.63	90.63	90.72	-	2.34	2.33	2.26	2.24
265	Paperboard containers and boxes . . . . .	107.78	105.34	107.10	102.41	98.66	2.53	2.52	2.52	2.45	2.43
2651,2	Folding and setup paperboard boxes . . . . .	-	92.63	95.17	91.58	87.74	-	2.31	2.31	2.25	2.21
2653	Corrugated and solid fiber boxes . . . . .	-	114.48	114.84	110.59	105.47	-	2.65	2.64	2.59	2.56

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products . . . . .	42.0	41.9	41.9	42.4	42.0	3.4	3.4	3.9	3.5	
2024	Ice cream and frozen desserts . . . . .	-	39.9	39.7	41.6	40.5	-	-	-	-	
2026	Fluid milk . . . . .	-	42.4	42.1	42.7	42.4	-	-	-	-	
203	Canned and preserved food, except meats . . . . .	-	38.5	38.9	39.0	37.4	2.9	2.8	3.0	2.3	
2031,6	Canned, cured and frozen sea foods . . . . .	-	30.6	33.7	32.2	33.4	-	-	-	-	
2032,3	Canned food, except sea foods . . . . .	-	39.9	40.5	40.8	37.6	-	-	-	-	
2037	Frozen food, except sea foods . . . . .	-	41.4	40.0	41.3	40.2	-	-	-	-	
204	Grain mill products . . . . .	44.4	43.6	44.0	44.1	43.8	5.4	5.6	5.8	5.6	
2041	Flour and other grain mill products . . . . .	-	44.4	44.4	43.9	44.4	-	-	-	-	
2042	Prepared feeds for animals and fowls . . . . .	-	44.4	44.4	45.1	44.7	-	-	-	-	
205	Bakery products . . . . .	40.6	40.0	39.9	40.3	40.1	3.3	3.1	3.3	3.0	
2051	Bread, cake, and perishable products . . . . .	-	40.3	40.0	40.6	40.5	-	-	-	-	
2052	Biscuit, crackers, and pretzels . . . . .	-	39.0	39.6	39.2	38.9	-	-	-	-	
206	Sugar . . . . .	-	41.2	43.0	42.3	40.0	3.5	4.6	3.6	2.6	
207	Confectionery and related products . . . . .	38.6	38.7	39.9	39.1	38.2	1.9	2.6	2.0	1.5	
2071	Candy and other confectionery products . . . . .	-	38.3	39.7	38.9	37.8	-	-	-	-	
208	Beverages . . . . .	40.5	40.6	40.2	41.2	40.4	3.6	3.1	3.7	3.1	
2082	Malt liquors . . . . .	-	40.8	40.5	40.6	40.0	-	-	-	-	
2086	Bottled and canned soft drinks . . . . .	-	41.1	40.7	42.6	41.3	-	-	-	-	
209	Miscellaneous food and kindred products . . . . .	42.0	41.6	42.0	42.0	41.5	3.6	3.9	4.1	3.7	
21	<b>TOBACCO MANUFACTURERS . . . . .</b>	37.9	37.9	38.2	37.2	35.6	1.1	1.0	.9	.6	
211	Cigarettes . . . . .	-	38.7	38.5	37.2	36.5	1.2	.9	.8	.4	
212	Cigars . . . . .	-	37.3	37.8	37.2	34.2	1.1	1.1	1.1	.9	
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	42.3	41.4	42.3	41.6	41.0	4.5	4.6	4.0	3.5	
221	Cotton broad woven fabrics . . . . .	43.4	42.7	43.6	42.6	42.2	5.3	5.5	4.8	4.3	
222	Silk and synthetic broad woven fabrics . . . . .	44.1	43.0	44.0	43.8	43.1	5.5	5.7	5.4	4.6	
223	Weaving and finishing broad woolsens . . . . .	44.0	43.2	43.4	43.0	42.8	5.4	5.1	4.6	4.0	
224	Narrow fabrics and smallwares . . . . .	42.0	41.0	42.3	41.4	40.7	3.6	4.4	3.6	2.8	
225	Knitting . . . . .	39.5	37.6	39.0	38.6	37.7	2.4	2.5	2.3	1.9	
2251	Women's full and knee length hosiery . . . . .	-	36.8	39.9	38.1	37.8	-	-	-	-	
2252	All other hosiery . . . . .	-	35.5	37.3	36.9	35.9	-	-	-	-	
2253	Knit outerwear . . . . .	-	37.0	37.7	38.6	37.0	-	-	-	-	
2254	Knit underwear . . . . .	-	38.7	39.3	38.5	37.9	-	-	-	-	
226	Finishing textiles, except wool and knit . . . . .	43.5	43.9	44.2	42.6	41.4	5.8	5.8	4.7	3.6	
227	Floor covering . . . . .	-	41.0	42.5	41.2	41.7	4.2	4.4	4.0	4.1	
228	Yarn and thread . . . . .	42.5	42.4	42.9	42.5	42.1	5.2	5.2	4.4	4.5	
229	Miscellaneous textile goods . . . . .	42.8	42.6	42.9	41.8	41.0	5.2	4.8	3.9	3.1	
23	<b>APPAREL AND RELATED PRODUCTS . . . . .</b>	36.6	36.1	36.9	36.4	35.6	1.4	1.6	1.3	1.1	
231	Men's and boys' suits and coats . . . . .	38.5	37.8	38.4	38.2	37.1	1.5	1.6	1.5	1.2	
232	Men's and boys' furnishings . . . . .	36.9	36.5	37.4	37.7	37.0	1.1	1.3	1.2	.9	
2321	Men's and boys' shirts and nightwear . . . . .	-	36.1	37.3	37.3	37.0	-	-	-	-	
2327	Men's and boys' separate trousers . . . . .	-	37.0	38.0	38.0	37.7	-	-	-	-	
2328	Work clothing . . . . .	-	37.0	37.2	38.2	36.9	-	-	-	-	
233	Women's, misses', and juniors' outerwear . . . . .	35.0	34.8	35.4	34.1	33.6	1.5	1.8	1.3	1.1	
2331	Women's blouses, waists, and shirts . . . . .	-	34.6	34.7	33.9	33.5	-	-	-	-	
2335	Women's, misses', and juniors' dresses . . . . .	-	34.6	35.4	33.5	33.6	-	-	-	-	
2337	Women's suits, skirts, and coats . . . . .	-	33.1	33.8	33.7	30.9	-	-	-	-	
2339	Women's and misses' outerwear, n.e.c. . . . .	-	36.9	37.8	36.4	36.2	-	-	-	-	
234	Women's and children's undergarments . . . . .	36.8	35.9	37.1	36.5	35.1	1.4	1.7	1.1	1.0	
2341	Women's and children's underwear . . . . .	-	35.6	37.2	36.2	34.8	-	-	-	-	
2342	Corsets and allied garments . . . . .	-	36.4	36.9	36.9	35.5	-	-	-	-	
235	Hats, caps, and millinery . . . . .	-	35.8	37.2	35.9	35.3	1.0	1.9	1.1	1.2	
236	Girls' and children's outerwear . . . . .	36.5	35.9	37.0	36.6	35.0	1.4	1.5	1.3	.9	
2361	Children's dresses, blouses, and shirts . . . . .	-	35.1	36.2	36.2	34.4	-	-	-	-	
237,8	Fur goods and miscellaneous apparel . . . . .	-	36.4	36.7	36.4	35.4	1.1	1.3	1.1	.8	
239	Miscellaneous fabricated textile products . . . . .	38.3	37.8	38.3	38.3	37.5	1.9	2.0	2.1	1.5	
2391,2	Housefurnishings . . . . .	-	37.2	38.7	36.8	36.5	-	-	-	-	
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	43.7	43.2	43.3	43.0	42.2	5.3	5.3	4.7	4.1	
261,2,6	Paper and pulp . . . . .	45.0	44.6	44.5	44.6	43.8	6.3	6.2	5.8	5.1	
263	Paperboard . . . . .	46.6	46.4	45.5	45.1	43.9	8.3	7.5	6.5	5.5	
264	Converted paper and paperboard products . . . . .	42.1	41.6	41.8	41.3	41.1	3.7	3.9	3.1	3.0	
2643	Bags, except textile bags . . . . .	-	41.3	41.9	40.1	40.5	-	-	-	-	
265	Paperboard containers and boxes . . . . .	42.6	41.8	42.5	41.8	40.6	4.3	4.8	4.1	3.3	
2651,2	Folding and setup paperboard boxes . . . . .	-	40.1	41.2	40.7	39.7	-	-	-	-	
2653	Corrugated and solid fiber boxes . . . . .	-	43.2	43.5	42.7	41.2	-	-	-	-	

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<i>Non-durable Goods--Continued</i>										
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>										
27	Printing, publishing, and allied industries	\$122.22	\$120.12	\$121.06	\$117.04	\$115.67	\$3.15	\$3.12	\$3.12	\$3.04	\$3.02
271	Newspaper publishing and printing	124.87	122.38	119.60	120.15	116.71	3.44	3.39	3.35	3.31	3.26
272	Periodical publishing and printing	-	124.74	126.00	122.30	121.27	-	3.15	3.15	3.12	3.07
273	Books	-	112.05	114.36	110.12	108.09	-	2.70	2.71	2.66	2.63
275	Commercial printing	125.85	124.03	125.77	119.87	118.78	3.17	3.14	3.16	3.05	3.03
2751	Commercial printing, except litho	-	119.81	121.52	115.71	115.41	-	3.08	3.10	2.99	2.99
2752	Commercial printing, lithographic	-	130.73	132.84	127.66	125.33	-	3.22	3.24	3.16	3.11
278	Bookbinding and related industries	94.92	93.65	94.95	92.28	90.09	2.44	2.42	2.41	2.36	2.34
274,6,7,9	Other publishing and printing industries	122.50	122.11	125.05	119.12	119.27	3.19	3.18	3.19	3.07	3.09
	<b>CHEMICALS AND ALLIED PRODUCTS</b>										
28	Chemicals and allied products	124.49	124.66	122.64	120.69	120.84	2.95	2.94	2.92	2.86	2.85
281	Industrial chemicals	137.61	139.68	137.76	135.24	138.88	3.30	3.31	3.28	3.22	3.26
2812	Alkalies and chlorine	-	135.62	133.40	131.84	137.85	-	3.26	3.23	3.20	3.29
2818	Industrial organic chemicals, n.e.c.	-	150.15	147.13	143.06	148.26	-	3.50	3.47	3.39	3.44
2819	Industrial inorganic chemicals, n.e.c.	-	132.99	132.89	131.46	135.46	-	3.22	3.21	3.16	3.21
282	Plastics materials and synthetics	124.12	125.70	122.09	120.13	122.11	2.90	2.93	2.90	2.82	2.82
2821	Plastics materials and resins	-	136.03	134.51	131.40	132.46	-	3.05	3.05	3.00	2.99
2823,4	Synthetic fibers	-	114.68	109.75	109.88	111.45	-	2.75	2.69	2.61	2.61
283	Drugs	112.88	111.93	111.93	106.60	104.12	2.76	2.73	2.73	2.60	2.59
2834	Pharmaceutical preparations	-	106.00	106.53	101.15	99.54	-	2.65	2.65	2.51	2.52
284	Soap, cleaners, and toilet goods	119.52	116.18	116.20	110.70	108.80	2.88	2.82	2.80	2.74	2.72
2841	Soap and detergents	-	143.30	140.19	132.19	130.09	-	3.42	3.33	3.24	3.22
2844	Toilet preparations	-	96.80	97.51	92.66	90.32	-	2.39	2.39	2.34	2.31
285	Paints, varnishes, and allied products	120.70	117.74	115.23	115.06	111.24	2.84	2.81	2.77	2.72	2.70
287	Agricultural chemicals	108.03	108.35	106.48	105.11	104.09	2.39	2.33	2.33	2.30	2.21
2871,2	Fertilizers, complete and mixing only	-	105.06	102.58	102.34	101.07	-	2.24	2.23	2.22	2.11
286,9	Other chemical products	119.42	118.43	115.62	116.20	115.23	2.85	2.84	2.82	2.76	2.75
	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>										
29	Petroleum refining	144.24	146.12	141.62	137.80	139.07	3.41	3.43	3.38	3.25	3.28
291	Petroleum refining	151.98	154.64	149.58	143.72	147.05	3.61	3.63	3.57	3.43	3.46
295,9	Other petroleum and coal products	118.96	116.14	111.87	116.33	108.94	2.76	2.72	2.67	2.62	2.60
	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b>										
30	Rubber and miscellaneous plastics products	111.41	110.51	110.46	107.59	104.45	2.64	2.65	2.63	2.58	2.56
301	Tires and inner tubes	(*)	163.16	159.56	148.43	145.86	(*)	3.65	3.61	3.46	3.44
302,3,6	Other rubber products	107.01	104.14	105.57	102.75	99.54	2.56	2.54	2.55	2.50	2.47
307	Miscellaneous plastics products	93.79	92.25	92.96	91.52	88.91	2.26	2.25	2.24	2.20	2.19
31	<b>LEATHER AND LEATHER PRODUCTS</b>	74.69	72.95	73.92	71.44	69.56	1.94	1.93	1.92	1.88	1.88
311	Leather tanning and finishing	103.16	101.43	101.52	99.42	96.93	2.51	2.48	2.47	2.39	2.37
314	Footwear, except rubber	72.19	69.94	71.05	68.25	66.61	1.88	1.87	1.86	1.82	1.82
312,3,5-7,9	Other leather products	71.82	71.63	72.77	69.74	67.16	1.89	1.89	1.89	1.84	1.84
317	Handbags and personal leather goods	-	67.52	69.91	66.05	63.01	-	1.82	1.83	1.79	1.79
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class 1 railroads <sup>2</sup>	-	(*)	(*)	129.43	129.93	-	(*)	(*)	3.01	2.98
	<b>LOCAL AND INTERURBAN PASSENGER TRANSPORT:</b>										
411	Local and suburban transportation	-	110.88	109.62	109.06	106.50	-	2.64	2.61	2.56	2.56
413	Intercity and rural bus lines	-	143.42	131.77	130.94	128.40	-	3.18	3.13	3.01	3.00
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE:</b>										
42	Motor freight transportation and storage	-	131.25	131.88	129.55	126.46	-	3.14	3.14	3.07	3.04
422	Public warehousing	-	93.53	92.98	91.49	92.51	-	2.38	2.36	2.34	2.36
46	<b>PIPELINE TRANSPORTATION</b>	-	152.81	150.75	148.45	146.37	-	3.70	3.65	3.56	3.51
	<b>COMMUNICATION</b>										
48	Communication	-	115.89	116.47	113.08	112.12	-	2.89	2.89	2.82	2.81
481	Telephone communication	-	111.08	111.63	107.87	106.66	-	2.77	2.77	2.69	2.68
4817	Switchboard operating employees <sup>3</sup>	-	83.90	82.63	82.80	80.15	-	2.28	2.27	2.25	2.19
4818	Line construction employees <sup>4</sup>	-	153.32	156.05	149.63	150.30	-	3.43	3.46	3.37	3.37
482	Telegraph communication <sup>5</sup>	-	124.85	124.26	122.24	120.53	-	2.89	2.91	2.81	2.79
483	Radio and television broadcasting	-	148.52	148.45	146.52	145.78	-	3.76	3.73	3.70	3.70
	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
49	Electric, gas, and sanitary services	-	133.99	133.25	131.14	130.00	-	3.26	3.25	3.16	3.14
491	Electric companies and systems	-	135.88	136.29	133.22	132.07	-	3.29	3.30	3.21	3.19
492	Gas companies and systems	-	123.22	121.58	120.83	118.03	-	3.02	2.98	2.94	2.90
493	Combined utility systems	-	145.91	144.89	142.54	142.54	-	3.55	3.56	3.41	3.41
494-7	Water, steam, and sanitary systems	-	109.74	107.83	104.83	104.33	-	2.67	2.63	2.52	2.52

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<i>Nondurable Goods--Continued</i>										
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>										
27	Printing, publishing, and allied industries	38.8	38.5	38.8	38.5	38.3	-	3.3	3.5	3.1	2.8
271	Newspaper publishing and printing	36.3	36.1	35.7	36.3	35.8	-	2.6	2.3	2.6	2.2
272	Periodical publishing and printing	-	39.6	40.0	39.2	39.5	-	3.8	4.1	3.4	3.2
273	Books	-	41.5	42.2	41.4	41.1	-	4.7	5.1	4.4	4.2
275	Commercial printing	39.7	39.5	39.8	39.3	39.2	-	3.6	3.9	3.2	3.1
2751	Commercial printing, except litho	-	38.9	39.2	38.7	38.6	-	-	-	-	-
2752	Commercial printing, lithographic	-	40.6	41.0	40.4	40.3	-	-	-	-	-
278	Bookbinding and related industries	38.9	38.7	39.4	39.1	38.5	-	2.7	3.0	2.7	2.2
274,6,7,9	Other publishing and printing industries	38.4	38.4	39.2	38.8	38.6	-	2.8	3.6	2.8	2.8
	<b>CHEMICALS AND ALLIED PRODUCTS</b>										
28	Chemicals and allied products	42.2	42.4	42.0	42.2	42.4	-	3.7	3.3	3.1	3.1
281	Industrial chemicals	41.7	42.2	42.0	42.0	42.6	-	3.4	3.2	2.7	2.9
2812	Alkalies and chlorine	-	41.6	41.3	41.2	41.9	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c.	-	42.9	42.4	42.2	43.1	-	-	-	-	-
2819	Industrial inorganic chemicals, n.e.c.	-	41.3	41.4	41.6	42.2	-	-	-	-	-
282	Plastics materials and synthetics	42.8	42.9	42.1	42.6	43.3	-	3.5	3.0	2.7	3.1
2821	Plastics materials and resins	-	44.6	44.1	43.8	44.3	-	-	-	-	-
2823,4	Synthetic fibers	-	41.7	40.8	42.1	42.7	-	-	-	-	-
283	Drugs	40.9	41.0	41.0	41.0	40.2	-	3.0	2.9	2.5	2.0
2834	Pharmaceutical preparations	-	40.0	40.2	40.3	39.5	-	-	-	-	-
284	Soap, cleaners, and toilet goods	41.5	41.2	41.5	40.4	40.0	-	2.9	3.0	2.1	1.6
2841	Soap and detergents	-	41.9	42.1	40.8	40.4	-	-	-	-	-
2844	Toilet preparations	-	40.5	40.8	39.6	39.1	-	-	-	-	-
285	Paints, varnishes, and allied products	42.5	41.9	41.6	42.3	41.2	-	3.2	2.6	3.3	2.3
287	Agricultural chemicals	45.2	46.5	45.7	45.7	47.1	-	9.0	7.3	7.7	9.2
2871,2	Fertilizers, complete and mixing only	-	46.9	46.0	46.1	47.9	-	-	-	-	-
286,9	Other chemical products	41.9	41.7	41.0	42.1	41.9	-	3.1	2.8	3.1	2.6
	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>										
29	Petroleum refining and related industries	42.3	42.6	41.9	42.4	42.4	-	3.4	2.6	3.0	2.7
291	Petroleum refining	42.1	42.6	41.9	41.9	42.5	-	3.0	2.3	2.2	2.3
295,9	Other petroleum and coal products	43.1	42.7	41.9	44.4	41.9	-	4.8	3.9	5.9	4.3
	<b>RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS</b>										
30	Rubber and miscellaneous plastics products	42.2	41.7	42.0	41.7	40.8	-	4.2	4.2	3.8	3.1
301	Tires and inner tubes	(*)	44.7	44.2	42.9	42.4	-	6.6	5.8	4.7	4.7
302,3,6	Other rubber products	41.8	41.0	41.4	41.1	40.3	-	3.4	3.5	3.1	2.4
307	Miscellaneous plastics products	41.5	41.0	41.5	41.6	40.6	-	3.8	4.1	3.9	3.1
31	<b>LEATHER AND LEATHER PRODUCTS</b>	38.5	37.8	38.5	38.0	37.0	-	1.9	2.1	1.6	1.2
311	Leather tanning and finishing	41.1	40.9	41.1	41.6	40.9	-	3.4	3.5	3.5	3.1
314	Footwear, except rubber	38.4	37.4	38.2	37.5	36.6	-	1.6	1.9	1.3	1.0
312,3,5-7,9	Other leather products	38.0	37.9	38.5	37.9	36.5	-	2.0	2.2	1.7	1.2
317	Handbags and personal leather goods	-	37.1	38.2	36.9	35.2	-	1.8	2.5	1.3	.9
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup>	-	(*)	(*)	43.0	43.6	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation	-	42.0	42.0	42.6	41.6	-	-	-	-	-
413	Intercity and rural bus lines	-	45.1	42.1	43.5	42.8	-	-	-	-	-
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE:</b>										
42	Motor freight transportation and storage	-	41.8	42.0	42.2	41.6	-	-	-	-	-
422	Public warehousing	-	39.3	39.4	39.1	39.2	-	-	-	-	-
46	Pipeline transportation	-	41.3	41.3	41.7	41.7	-	-	-	-	-
	<b>COMMUNICATION:</b>										
48	Communication	-	40.1	40.3	40.1	39.9	-	-	-	-	-
481	Telephone communication	-	40.1	40.3	40.1	39.8	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup>	-	36.8	36.4	36.8	36.6	-	-	-	-	-
4818	Line construction employees <sup>4</sup>	-	44.7	45.1	44.4	44.6	-	-	-	-	-
482	Telegraph communication <sup>5</sup>	-	43.2	42.7	43.5	43.2	-	-	-	-	-
483	Radio and television broadcasting	-	39.5	39.8	39.6	39.4	-	-	-	-	-
	<b>ELECTRIC, GAS, AND SANITARY SERVICES:</b>										
49	Electric, gas, and sanitary services	-	41.1	41.0	41.5	41.4	-	-	-	-	-
491	Electric companies and systems	-	41.3	41.3	41.5	41.4	-	-	-	-	-
492	Gas companies and systems	-	40.8	40.8	41.1	40.7	-	-	-	-	-
493	Combined utility systems	-	41.1	40.7	41.8	41.8	-	-	-	-	-
494-7	Water, steam, and sanitary systems	-	41.1	41.0	41.6	41.4	-	-	-	-	-

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
-	<b>WHOLESALE AND RETAIL TRADE</b>	\$78.23	\$77.86	\$77.49	\$76.33	\$75.58	\$2.12	\$2.11	\$2.10	\$2.03	\$2.01
50	<b>WHOLESALE TRADE</b>	111.11	110.03	109.48	106.75	105.15	2.73	2.71	2.69	2.61	2.59
501	Motor vehicles and automotive equipment	-	103.00	102.66	99.48	98.65	-	2.47	2.45	2.38	2.36
502	Drugs, chemicals, and allied products	-	113.77	112.00	108.00	107.33	-	2.83	2.80	2.68	2.67
503	Dry goods and apparel	-	105.75	105.08	103.19	102.65	-	2.82	2.78	2.73	2.73
504	Groceries and related products	-	100.04	99.72	97.00	95.94	-	2.47	2.45	2.36	2.34
506	Electrical goods	-	126.42	125.85	123.55	117.03	-	2.94	2.92	2.86	2.82
507	Hardware, plumbing, and heating goods	-	107.57	105.67	101.66	100.60	-	2.63	2.59	2.51	2.49
508	Machinery, equipment, and supplies	-	119.60	117.96	115.77	113.44	-	2.91	2.87	2.81	2.76
509	Miscellaneous wholesalers	-	110.15	109.07	107.46	105.73	-	2.74	2.72	2.66	2.63
52-59	<b>RETAIL TRADE</b>	67.83	67.47	67.47	66.43	66.06	1.90	1.89	1.89	1.82	1.80
53	General merchandise stores	-	59.73	59.40	58.29	57.97	-	1.81	1.80	1.74	1.71
531	Department stores	-	63.83	63.17	62.79	62.35	-	1.94	1.92	1.88	1.85
532	Mail order houses	-	68.41	68.94	70.95	69.81	-	2.03	2.01	1.96	1.95
533	Limited price variety stores	-	44.82	44.82	42.98	43.84	-	1.46	1.46	1.40	1.37
54	Food stores	-	70.26	70.26	69.29	69.22	-	2.11	2.11	2.05	2.03
541-3	Grocery, meat, and vegetable stores	-	71.05	71.26	70.85	70.59	-	2.14	2.14	2.09	2.07
56	Apparel and accessories stores	-	58.18	56.90	56.27	56.95	-	1.79	1.74	1.70	1.69
561	Men's and boys' apparel stores	-	69.65	68.56	70.23	69.52	-	1.99	1.97	1.94	1.91
562	Women's ready-to-wear stores	-	52.49	51.36	50.67	51.07	-	1.62	1.59	1.54	1.52
565	Family clothing stores	-	57.38	57.40	55.61	55.28	-	1.76	1.75	1.67	1.65
566	Shoe stores	-	59.36	55.67	54.60	57.06	-	1.94	1.79	1.79	1.80
57	Furniture and appliance stores	-	88.03	88.09	86.76	86.58	-	2.24	2.23	2.18	2.17
571	Furniture and home furnishings	-	87.07	87.30	85.57	84.77	-	2.21	2.21	2.15	2.13
58	Eating and drinking places <sup>6</sup>	-	46.31	46.31	45.41	44.83	-	1.37	1.37	1.29	1.27
52,55,59	Other retail trade	-	84.61	84.00	83.03	82.42	-	2.11	2.10	2.03	2.02
52	Building materials and hardware	-	90.49	88.81	89.04	86.74	-	2.17	2.14	2.10	2.08
551,2	Motor vehicle dealers	-	107.68	106.64	106.68	106.04	-	2.51	2.48	2.43	2.41
553,9	Other vehicle and accessory dealers	-	87.03	86.76	86.17	85.06	-	2.01	1.99	1.99	1.96
591	Drug stores	-	61.72	61.02	60.19	60.18	-	1.81	1.80	1.71	1.70
598	Fuel and ice dealers	-	98.41	99.54	92.82	94.05	-	2.36	2.37	2.21	2.25
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	92.63	92.50	91.76	88.54	88.16	2.49	2.48	2.46	2.38	2.37
60	Banking	-	81.99	81.84	78.86	79.24	-	2.21	2.20	2.12	2.13
61	Credit agencies other than banks	-	86.03	85.50	83.92	83.54	-	2.27	2.25	2.22	2.21
612	Savings and loan associations	-	86.54	85.56	84.52	84.52	-	2.32	2.30	2.26	2.26
62	Security dealers and exchanges	-	146.29	145.16	127.13	127.72	-	3.87	3.82	3.39	3.37
63	Insurance carriers	-	98.74	98.47	94.86	94.49	-	2.64	2.64	2.55	2.54
631	Life insurance	-	96.99	97.72	94.28	94.28	-	2.65	2.67	2.59	2.59
632	Accident and health insurance	-	88.06	87.22	84.41	83.95	-	2.38	2.37	2.30	2.30
633	Fire, marine, and casualty insurance	-	101.84	100.70	97.92	96.77	-	2.68	2.65	2.57	2.54
	<b>SERVICES AND MISCELLANEOUS:</b>										
701	Hotels and lodging places: Hotels, tourist courts, and motels <sup>6</sup>	-	52.45	51.99	51.65	49.90	-	1.41	1.39	1.37	1.32
721	Personal Services: Laundries, cleaning and dyeing plants	-	60.04	59.82	60.19	59.10	-	1.58	1.57	1.52	1.50
781	Motion pictures: Motion picture filming and distributing	-	152.00	150.00	146.20	138.57	-	3.80	3.75	3.72	3.59

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				
		May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	<b>WHOLESALE AND RETAIL TRADE</b>	36.9	36.9	36.9	37.6	37.6					
	<b>WHOLESALE TRADE</b>	40.7	40.6	40.7	40.9	40.6	-	-	-	-	-
50	Motor vehicles and automotive equipment	-	41.7	41.9	41.8	41.8	-	-	-	-	-
502	Drugs, chemicals, and allied products	-	40.2	40.0	40.3	40.2	-	-	-	-	-
503	Dry goods and apparel	-	37.5	37.8	37.8	37.6	-	-	-	-	-
504	Groceries and related products	-	40.5	40.7	41.1	41.0	-	-	-	-	-
506	Electrical goods	-	43.0	43.1	43.2	41.5	-	-	-	-	-
507	Hardware, plumbing, and heating goods	-	40.9	40.8	40.5	40.4	-	-	-	-	-
508	Machinery, equipment, and supplies	-	41.1	41.1	41.2	41.1	-	-	-	-	-
509	Miscellaneous wholesalers	-	40.2	40.1	40.4	40.2	-	-	-	-	-
52-59	<b>RETAIL TRADE</b>	35.7	35.7	35.7	36.5	36.7	-	-	-	-	-
53	General merchandise stores	-	33.0	33.0	33.5	33.9	-	-	-	-	-
531	Department stores	-	32.9	32.9	33.4	33.7	-	-	-	-	-
532	Mail order houses	-	33.7	34.3	36.2	35.8	-	-	-	-	-
533	Limited price variety stores	-	30.7	30.7	30.7	32.0	-	-	-	-	-
54	Food stores	-	33.3	33.3	33.8	34.1	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores	-	33.2	33.3	33.9	34.1	-	-	-	-	-
56	Apparel and accessories stores	-	32.5	32.7	33.1	33.7	-	-	-	-	-
561	Men's and boys' apparel stores	-	35.0	34.8	36.2	36.4	-	-	-	-	-
562	Women's ready-to-wear stores	-	32.4	32.3	32.9	33.6	-	-	-	-	-
565	Family clothing stores	-	32.6	32.8	33.3	33.5	-	-	-	-	-
566	Shoe stores	-	30.6	31.1	30.5	31.7	-	-	-	-	-
57	Furniture and appliance stores	-	39.3	39.5	39.8	39.9	-	-	-	-	-
571	Furniture and home furnishings	-	39.4	39.5	39.8	39.8	-	-	-	-	-
58	Eating and drinking places <sup>6</sup>	-	33.8	33.8	35.2	35.3	-	-	-	-	-
52, 55, 59	Other retail trade	-	40.1	40.0	40.9	40.8	-	-	-	-	-
52	Building materials and hardware	-	41.7	41.5	42.4	41.7	-	-	-	-	-
551, 2	Motor vehicle dealers	-	42.9	43.0	43.9	44.0	-	-	-	-	-
553, 9	Other vehicle and accessory dealers	-	43.3	43.6	43.3	43.4	-	-	-	-	-
591	Drug stores	-	34.1	33.9	35.2	35.4	-	-	-	-	-
598	Fuel and ice dealers	-	41.7	42.0	42.0	41.8	-	-	-	-	-
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	37.2	37.3	37.3	37.2	37.2	-	-	-	-	-
60	Banking	-	37.1	37.2	37.2	37.2	-	-	-	-	-
61	Credit agencies other than banks	-	37.9	38.0	37.8	37.8	-	-	-	-	-
612	Savings and loan associations	-	37.3	37.2	37.4	37.4	-	-	-	-	-
62	Security dealers and exchanges	-	37.8	38.0	37.5	37.9	-	-	-	-	-
63	Insurance carriers	-	37.4	37.3	37.2	37.2	-	-	-	-	-
631	Life insurance	-	36.6	36.6	36.4	36.4	-	-	-	-	-
632	Accident and health insurance	-	37.0	36.8	36.7	36.5	-	-	-	-	-
633	Fire, marine, and casualty insurance	-	38.0	38.0	38.1	38.1	-	-	-	-	-
	<b>SERVICES AND MISCELLANEOUS:</b>										
	Hotels and lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup>	-	37.2	37.4	37.7	37.8	-	-	-	-	-
	Personal Services:										
721	Laundries, cleaning and dyeing plants	-	38.0	38.1	39.6	39.4	-	-	-	-	-
	Motion pictures:										
781	Motion picture filming and distributing	-	40.0	40.0	39.3	38.6	-	-	-	-	-

<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 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.

\*Not available.

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>				
	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
<b>MANUFACTURING..</b>	\$2.58	\$2.58	\$2.56	\$2.56	\$2.50
<b>DURABLE GOODS</b>	2.74	2.74	2.72	2.72	2.67
Ordnance and accessories	-	3.02	3.03	3.03	3.01
Lumber and wood products, except furniture	-	2.13	2.08	2.08	2.04
Furniture and fixtures	-	2.08	2.07	2.07	2.02
Stone, clay, and glass products	-	2.57	2.55	2.55	2.48
Primary metal industries	-	3.13	3.11	3.11	3.05
Fabricated metal products	-	2.71	2.70	2.70	2.63
Machinery	-	2.88	2.87	2.87	2.78
Electrical equipment and supplies	-	2.53	2.51	2.51	2.49
Transportation equipment	-	3.11	3.11	3.11	3.03
Instruments and related products	-	2.58	2.56	2.56	2.52
Miscellaneous manufacturing industries	-	2.13	2.12	2.12	2.06
<b>NONDURABLE GOODS..</b>	2.33	2.33	2.31	2.31	2.26
Food and kindred products	-	2.42	2.40	2.40	2.35
Tobacco manufactures	-	2.23	2.19	2.19	2.17
Textile mill products	-	1.83	1.82	1.82	1.75
Apparel and related products	-	1.83	1.84	1.84	1.77
Paper and allied products	-	2.56	2.55	2.55	2.48
Printing, publishing, and allied industries	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	2.82	2.81	2.81	2.75
Petroleum refining and related industries	-	3.30	3.27	3.27	3.18
Rubber and miscellaneous plastic products	-	2.52	2.51	2.51	2.46
Leather and leather products	-	1.89	1.87	1.87	1.85

<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		
	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
<b>MINING:</b>									
Current dollars	\$122.60	\$127.37	\$120.51	\$93.37	\$103.01	\$99.49	\$107.69	\$111.55	\$107.72
1957-59 dollars	108.98	113.72	110.26	83.00	91.97	91.02	95.72	99.60	98.55
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	140.60	142.88	132.49	113.62	115.40	109.10	122.69	124.58	117.87
1957-59 dollars	124.98	127.57	121.22	101.00	103.04	99.82	109.06	111.23	107.84
<b>MANUFACTURING:</b>									
Current dollars	111.24	110.95	105.82	90.73	90.51	87.71	98.57	98.34	95.34
1957-59 dollars	98.88	99.06	96.82	80.65	80.81	80.25	87.62	87.80	87.23
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	77.86	77.49	75.58	64.82	64.52	63.46	71.76	71.46	70.34
1957-59 dollars	69.21	69.19	69.15	57.62	57.61	58.06	63.79	63.80	64.35
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	92.50	91.76	88.16	76.34	75.76	73.43	83.59	82.99	80.59
1957-59 dollars	82.22	81.93	80.66	67.86	67.64	67.18	74.30	74.10	73.73

<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	May 1966	Apr. 1966	Mar. 1966	May 1965	Apr. 1965
	Man-hours				
<b>TOTAL</b> .....	114.6	112.0	111.3	108.4	104.5
<b>MINING</b> .....	83.5	74.4	81.0	83.5	80.6
<b>CONTRACT CONSTRUCTION</b> .....	115.0	108.8	103.5	114.6	100.1
<b>MANUFACTURING</b> .....	116.1	114.5	114.2	108.5	106.5
<b>DURABLE GOODS</b> .....	123.3	121.9	120.6	113.3	111.4
Ordnance and accessories .....	148.3	144.1	141.5	114.4	112.2
Lumber and wood products, except furniture ..	101.7	97.8	95.6	98.1	94.0
Furniture and fixtures .....	124.1	122.0	123.7	115.1	115.2
Stone, clay, and glass products .....	111.3	109.9	106.6	107.7	104.1
Primary metal industries .....	115.6	115.3	113.1	114.3	118.9
Fabricated metal products .....	125.3	123.3	122.3	115.8	112.4
Machinery .....	134.7	133.0	132.9	121.7	119.0
Electrical equipment and supplies .....	143.8	142.4	140.4	122.8	119.5
Transportation equipment .....	117.2	117.6	116.5	107.7	104.4
Instruments and related products .....	125.4	122.4	123.0	108.1	105.8
Miscellaneous manufacturing industries .....	114.5	111.9	111.3	106.6	104.2
<b>NONDURABLE GOODS</b> .....	106.6	104.9	105.8	102.2	100.2
Food and kindred products .....	87.6	86.0	86.2	87.7	84.6
Tobacco manufactures .....	69.8	71.5	74.6	71.3	68.9
Textile mill products .....	105.9	103.2	105.0	100.3	98.7
Apparel and related products .....	118.7	115.9	120.4	113.2	110.5
Paper and allied products .....	114.3	112.5	112.1	107.5	105.5
Printing, publishing, and allied industries .....	114.4	113.9	113.7	108.6	108.0
Chemicals and allied products .....	115.0	115.2	112.5	110.4	111.4
Petroleum refining and related industries .....	76.8	76.4	74.2	76.1	76.2
Rubber and miscellaneous plastics products ..	143.3	140.8	140.4	130.1	127.3
Leather and leather products .....	99.7	97.2	100.4	94.8	91.3
	Payrolls				
<b>MINING</b> .....	101.9	87.8	97.1	97.5	93.5
<b>CONTRACT CONSTRUCTION</b> .....	155.3	146.5	139.0	148.2	128.0
<b>MANUFACTURING</b> .....	148.3	146.1	144.7	133.8	130.9

<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	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965
<b>MINING</b> .....	42.4	42.0	43.2	42.7	42.5	43.0	41.9	42.2	42.2	42.7	42.6	41.9	42.3
<b>CONTRACT CONSTRUCTION</b> .....	36.2	37.3	38.5	38.2	37.8	39.2	37.1	37.0	36.2	37.3	37.4	37.1	37.5
<b>MANUFACTURING</b> .....	41.4	41.5	41.5	41.6	41.5	41.4	41.4	41.2	40.9	41.0	41.0	41.0	41.1
<i>Overtime hours</i> .....	4.1	4.1	4.1	4.2	4.0	3.8	3.8	3.8	3.5	3.4	3.4	3.5	3.6
<b>DURABLE</b> .....	42.2	42.4	42.3	42.4	42.4	42.2	42.2	42.0	41.6	41.7	41.7	41.8	42.0
<i>Overtime hours</i> .....	4.4	4.5	4.5	4.6	4.4	4.1	4.1	4.1	3.7	3.7	3.8	3.8	3.9
Ordnance and accessories .....	42.2	42.3	41.9	42.3	42.4	42.4	42.2	42.3	41.9	42.1	42.7	41.8	41.7
Lumber and wood products, except furniture ...	41.4	41.2	41.1	41.1	41.5	41.8	41.3	41.1	40.5	40.7	40.5	39.9	41.0
Furniture and fixtures .....	42.1	41.6	42.0	41.7	41.7	41.8	41.7	41.5	40.9	41.3	41.3	41.4	41.6
Stone, clay, and glass products .....	41.8	42.0	42.7	42.4	42.7	43.0	42.2	41.8	41.9	41.8	41.7	41.6	41.9
Primary metal industries .....	42.0	41.9	41.9	42.0	41.9	41.2	41.1	41.4	41.8	42.1	42.4	42.1	42.1
Fabricated metal products .....	42.4	42.4	42.5	42.6	42.6	42.3	42.4	42.3	41.6	41.7	41.8	42.0	42.1
Machinery .....	43.8	43.7	43.9	44.0	43.9	43.9	43.7	43.5	43.0	42.7	42.9	43.0	43.0
Electrical equipment and supplies .....	41.2	41.4	41.4	41.6	41.5	41.5	41.3	41.0	40.5	40.8	40.6	41.0	41.1
Transportation equipment .....	42.5	43.4	42.9	43.4	43.5	42.9	43.4	43.0	41.8	42.2	42.3	42.9	43.0
Instruments and related products .....	42.6	42.2	42.5	42.5	42.2	41.7	41.7	41.7	41.5	41.3	41.3	41.4	41.6
Miscellaneous manufacturing industries .....	40.1	40.0	40.3	40.3	40.0	40.2	40.2	40.0	39.8	40.0	39.7	39.6	39.8
<b>NONDURABLE GOODS</b> .....	40.3	40.3	40.4	40.6	40.2	40.2	40.3	40.1	40.1	40.0	40.0	39.9	40.0
<i>Overtime hours</i> .....	3.4	3.6	3.5	3.5	3.4	3.4	3.3	3.2	3.2	3.0	3.0	3.0	3.1
Food and kindred products .....	40.9	41.1	41.1	41.6	41.2	41.2	41.1	41.0	40.7	41.1	41.4	41.0	41.0
Tobacco manufactures .....	38.1	39.0	39.3	41.4	39.1	37.7	38.0	37.7	37.8	37.4	38.1	37.2	37.3
Textile mill products .....	42.2	41.9	42.4	42.5	42.4	42.0	41.9	41.8	41.7	41.8	41.4	41.4	41.5
Apparel and related products .....	36.6	36.5	36.5	36.6	36.3	36.5	36.5	36.4	36.0	36.2	36.3	36.5	36.4
Paper and allied products .....	43.8	43.7	43.5	43.5	43.2	43.6	43.6	43.4	43.0	42.9	42.9	43.0	43.1
Printing, publishing, and allied industries .....	38.8	38.7	38.7	38.7	38.5	38.7	38.6	38.4	38.6	38.6	38.6	38.5	38.5
Chemicals and allied products .....	42.0	42.2	42.1	42.2	42.0	42.0	42.0	41.9	42.2	41.8	41.6	41.7	42.0
Petroleum refining and related industries .....	42.1	42.6	42.5	42.8	42.0	42.0	42.4	42.5	42.7	42.7	42.1	41.9	42.2
Rubber and miscellaneous plastic products .....	42.2	42.0	42.2	42.3	42.4	42.3	42.5	42.3	41.6	41.9	41.8	41.8	41.7
Leather and leather products .....	38.9	39.1	38.5	38.9	38.2	38.4	38.6	38.6	38.4	37.9	37.9	37.8	38.4
<b>WHOLESALE AND RETAIL TRADE</b> .....	37.1	37.1	37.2	37.3	37.4	37.5	37.4	37.5	37.5	37.8	37.8	37.7	37.8
<b>WHOLESALE TRADE</b> .....	40.7	40.7	40.9	41.0	41.0	40.9	40.8	40.9	40.8	41.0	40.7	40.8	40.9
<b>RETAIL TRADE</b> .....	36.0	35.9	36.0	36.1	36.2	36.4	36.3	36.4	36.5	36.7	36.8	36.6	36.8

<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												
	May 1966	Apr. 1966	Mar. 1966	Feb. 1966	Jan. 1966	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965
<b>TOTAL . . . . .</b>	114.2	114.7	116.0	115.1	113.8	113.8	111.3	109.6	108.1	108.8	108.5	108.2	108.0
<b>MINING . . . . .</b>	82.5	75.7	84.9	83.4	83.7	84.0	81.5	81.8	80.4	83.1	84.4	81.5	82.5
<b>CONTRACT CONSTRUCTION . . . . .</b>	110.9	116.8	124.5	119.9	119.1	123.7	112.1	109.3	106.5	109.9	108.8	109.8	110.7
<b>MANUFACTURING . . . . .</b>	116.4	116.3	116.0	115.9	114.4	113.5	112.7	111.1	109.8	110.0	109.7	109.2	108.9
<b>DURABLE GOODS . . . . .</b>	122.6	122.6	122.2	121.7	120.3	118.6	117.3	115.6	114.1	114.3	113.8	113.2	112.7
Ordnance and accessories . . . . .	149.6	146.4	142.7	140.4	134.8	127.7	128.2	127.3	123.8	123.2	122.5	117.6	116.2
Lumber and wood products, except furniture . . . . .	100.5	101.1	102.3	101.4	102.9	102.0	99.1	97.2	95.2	96.2	95.4	93.8	96.8
Furniture and fixtures . . . . .	128.7	125.2	126.7	125.1	124.1	123.7	121.4	119.5	117.5	117.6	118.6	118.6	119.1
Stone, clay, and glass products . . . . .	108.8	111.1	113.1	111.9	113.6	112.6	108.2	106.9	107.2	105.8	105.6	104.3	105.2
Primary metal industries . . . . .	113.3	112.6	112.0	111.7	110.9	108.0	107.4	109.7	113.1	115.1	115.7	113.9	112.0
Fabricated metal products . . . . .	124.8	125.0	125.2	125.0	123.6	121.3	120.8	118.3	115.8	115.4	116.4	115.8	115.4
Machinery . . . . .	132.4	131.0	130.9	131.0	129.7	128.8	128.0	125.6	123.6	121.7	122.3	120.9	119.8
Electrical equipment and supplies . . . . .	145.8	145.3	142.3	142.0	138.9	136.7	133.2	130.3	126.7	126.4	125.5	125.9	124.6
Transportation equipment . . . . .	115.5	117.8	116.4	116.1	113.5	111.4	112.0	109.3	106.6	108.7	105.4	106.8	106.2
Instruments and related products . . . . .	126.5	123.9	124.4	123.4	120.7	117.0	116.1	115.2	114.2	112.2	113.2	111.2	109.0
Miscellaneous manufacturing industries . . . . .	116.3	115.6	116.2	115.2	112.7	117.9	115.9	114.0	111.2	111.7	108.3	107.4	107.9
<b>NONDURABLE GOODS . . . . .</b>	108.4	108.1	107.9	108.3	106.7	106.8	106.7	105.2	104.1	104.2	104.5	104.2	103.9
Food and kindred products . . . . .	92.6	93.6	94.5	95.6	94.2	94.3	95.5	92.9	91.0	92.4	93.5	92.1	92.6
Tobacco manufactures . . . . .	82.5	85.6	86.3	88.4	84.6	82.7	79.9	80.5	78.4	77.5	87.1	85.1	84.1
Textile mill products . . . . .	105.6	104.7	105.7	105.7	105.2	103.8	103.2	102.2	101.6	101.6	100.5	100.0	100.1
Apparel and related products . . . . .	120.2	118.5	117.6	118.0	114.5	117.3	116.4	115.7	113.8	113.4	113.9	116.9	114.4
Paper and allied products . . . . .	115.3	114.9	113.9	113.7	112.4	112.8	111.9	110.7	109.5	108.8	109.5	108.4	108.4
Printing, publishing, and allied industries . . . . .	114.8	114.5	113.8	113.6	112.7	111.9	111.8	110.3	110.2	110.3	110.3	109.0	108.8
Chemicals and allied products . . . . .	113.3	113.0	112.7	112.6	111.5	110.9	110.7	109.8	111.0	110.3	109.8	108.9	108.8
Petroleum refining and related industries . . . . .	76.5	77.4	76.5	77.8	76.3	76.3	77.0	77.2	78.3	77.6	77.2	76.1	75.3
Rubber and miscellaneous plastic products . . . . .	144.0	143.3	142.1	141.0	141.7	140.6	139.0	135.8	132.4	133.8	132.7	132.0	130.9
Leather and leather products . . . . .	102.8	103.3	100.5	101.5	99.1	98.7	99.2	98.2	97.4	96.1	95.5	95.6	98.0

<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		
	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
ALABAMA	\$96.14	\$95.04	\$94.95	41.8	41.5	42.2	\$2.30	\$2.29	\$2.25
Birmingham	123.84	118.24	125.97	43.0	41.2	44.2	2.88	2.87	2.85
Mobile	111.99	110.77	106.50	42.1	41.8	41.6	2.66	2.65	2.56
ALASKA	(1)	148.16	153.60	(1)	37.7	40.0	(1)	3.93	3.84
ARIZONA	116.18	115.77	110.56	41.2	41.2	40.5	2.82	2.81	2.73
Phoenix	115.78	116.33	112.61	41.5	41.4	40.8	2.79	2.81	2.76
Tucson	125.83	126.14	110.02	40.2	40.3	38.2	3.13	3.13	2.88
ARKANSAS	78.44	77.79	73.30	41.5	41.6	40.5	1.89	1.87	1.81
Fort Smith	75.58	75.76	70.74	40.2	40.3	39.3	1.88	1.88	1.80
Little Rock-North Little Rock	75.41	75.17	72.54	39.9	40.2	40.3	1.89	1.87	1.80
Pine Bluff	98.50	92.32	89.04	43.2	41.4	42.2	2.28	2.23	2.11
CALIFORNIA	127.61	127.70	119.89	40.9	40.8	39.7	3.12	3.13	3.02
Anaheim-Santa Ana-Garden Grove	126.90	128.24	119.60	41.2	41.5	40.0	3.08	3.09	2.99
Bakersfield	131.41	132.60	129.03	39.7	39.7	39.7	3.31	3.34	3.25
Fresno	107.92	106.47	94.28	39.1	39.0	36.4	2.76	2.73	2.59
Los Angeles-Long Beach	125.66	125.77	118.00	41.2	41.1	40.0	3.05	3.06	2.95
Oxnard-Ventura	112.03	114.84	102.00	38.9	39.6	37.5	2.88	2.90	2.72
Sacramento	132.83	133.82	126.94	39.3	38.9	38.7	3.38	3.44	3.28
San Bernardino-Riverside-Ontario	127.10	124.64	122.21	41.4	41.0	40.6	3.07	3.04	3.01
San Diego	135.20	139.78	128.96	40.6	41.6	40.3	3.33	3.36	3.20
San Francisco-Oakland	135.26	134.19	127.92	39.9	39.7	39.0	3.39	3.38	3.28
San Jose	130.15	132.34	123.64	40.8	41.1	39.5	3.19	3.22	3.13
Santa Barbara	118.69	118.95	121.57	39.3	39.0	39.6	3.02	3.05	3.07
Santa Rosa	113.94	110.94	107.20	39.7	39.2	38.7	2.87	2.83	2.77
Stockton	121.66	125.51	115.36	39.5	40.1	38.2	3.08	3.13	3.02
Vallejo-Napa	130.61	126.16	108.09	39.7	38.7	37.4	3.29	3.26	2.89
COLORADO	119.11	118.24	119.13	41.5	41.2	41.8	2.87	2.87	2.85
Denver	120.60	120.47	116.69	41.3	41.4	40.8	2.92	2.91	2.86
CONNECTICUT	120.25	120.81	107.30	43.1	43.3	40.8	2.79	2.79	2.63
Bridgeport	125.71	126.43	113.16	43.8	43.9	41.3	2.87	2.88	2.74
Hartford	130.24	129.80	110.56	44.3	44.3	40.5	2.94	2.93	2.73
New Britain	124.26	122.26	112.61	43.6	43.2	41.4	2.85	2.83	2.72
New Haven	118.16	117.32	102.17	42.2	41.9	39.6	2.80	2.80	2.58
Stamford	119.43	120.28	110.70	42.2	42.5	41.0	2.83	2.83	2.70
Waterbury	117.12	118.37	110.24	42.9	43.2	41.6	2.73	2.74	2.65
DELAWARE	117.14	114.09	113.85	41.1	40.6	41.4	2.85	2.81	2.75
Wilmington	129.48	127.72	124.50	41.5	41.2	41.5	3.12	3.10	3.00
DISTRICT OF COLUMBIA: Washington SMSA	117.85	119.14	110.09	40.5	40.8	39.6	2.91	2.92	2.78
FLORIDA	93.88	93.29	92.02	42.1	42.6	42.6	2.23	2.19	2.16
Fort Lauderdale-Hollywood	87.72	88.81	(1)	40.8	41.5	(1)	2.15	2.14	(1)
Jacksonville	93.44	95.11	92.34	41.9	41.9	40.5	2.23	2.27	2.28
Miami	86.90	88.40	85.27	40.8	41.7	40.8	2.13	2.12	2.09
Orlando	99.01	95.26	(1)	44.6	43.9	(1)	2.22	2.17	(1)
Pensacola	106.75	107.38	106.57	40.9	41.3	42.8	2.61	2.60	2.49
Tampa-St. Petersburg	99.17	97.52	98.67	42.2	42.4	42.9	2.35	2.30	2.30
West Palm Beach	104.15	121.83	(1)	44.7	46.5	(1)	2.33	2.62	(1)
GEORGIA	85.28	84.26	80.18	41.2	41.1	40.7	2.07	2.05	1.97
Atlanta	106.08	103.97	101.50	40.8	40.3	40.6	2.60	2.58	2.50
Savannah	108.20	103.91	99.55	42.6	41.9	40.8	2.54	2.48	2.44
HAWAII	94.57	94.22	84.58	38.6	38.3	36.3	2.45	2.46	2.33
IDAHO	109.39	102.84	100.75	42.4	41.3	38.9	2.58	2.49	2.59
ILLINOIS	120.71	121.54	115.65	41.3	41.8	41.1	2.92	2.91	2.81
Chicago	123.61	123.57	116.87	41.6	42.0	41.1	2.97	2.95	2.84
Davenport-Rock Island-Moline	139.08	142.28	125.50	42.1	42.9	40.8	3.30	3.32	3.08

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		
	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
<b>ILLINOIS (continued)</b>									
Peoria .....	\$131.85	\$129.89	\$128.55	41.6	41.0	41.5	\$3.17	\$3.17	\$3.10
Rockford .....	123.85	126.44	117.55	43.3	44.3	43.3	2.86	2.86	2.71
<b>INDIANA</b>									
Indianapolis .....	124.98	124.15	118.24	41.8	41.8	40.4	2.99	2.97	2.93
	(1)	126.48	116.56	(1)	42.3	41.0	(1)	2.99	2.84
<b>IOWA</b>									
Cedar Rapids .....	119.28	119.44	111.43	41.3	41.5	40.4	2.89	2.88	2.76
Des Moines .....	118.81	124.44	114.99	42.3	44.0	41.2	2.81	2.82	2.79
	132.06	132.14	116.59	40.8	40.9	38.7	3.24	3.23	3.01
<b>KANSAS</b>									
Topeka .....	117.00	116.92	111.02	42.7	42.7	41.6	2.74	2.74	2.67
Wichita .....	133.24	122.82	120.74	45.3	42.9	43.0	2.94	2.86	2.81
	121.56	125.73	113.56	42.1	43.0	40.5	2.89	2.92	2.80
<b>KENTUCKY</b>									
Louisville .....	102.11	101.43	102.11	40.2	40.9	40.2	2.54	2.48	2.54
	124.44	120.16	115.23	41.8	41.5	40.1	2.98	2.90	2.87
<b>LOUISIANA</b>									
Baton Rouge .....	(1)	110.83	105.59	(1)	42.3	41.9	(1)	2.62	2.52
New Orleans .....	139.44	136.54	133.02	41.5	41.5	41.7	3.36	3.29	3.19
Shreveport .....	119.28	117.32	105.20	42.0	41.9	40.0	2.84	2.80	2.63
	(1)	101.33	97.39	(1)	41.7	41.8	(1)	2.43	2.33
<b>MAINE</b>									
Lewiston-Auburn .....	86.09	87.78	83.23	40.8	41.8	40.6	2.11	2.10	2.05
Portland .....	73.71	75.03	65.16	39.0	39.7	35.8	1.89	1.89	1.82
	90.50	90.98	90.86	40.4	40.8	41.3	2.24	2.23	2.20
<b>MARYLAND</b>									
Baltimore .....	112.06	111.10	110.39	41.2	41.3	41.5	2.72	2.69	2.66
	117.71	117.16	118.30	41.3	41.4	42.1	2.85	2.83	2.81
<b>MASSACHUSETTS</b>									
Boston .....	103.79	103.32	97.44	40.7	41.0	40.1	2.55	2.52	2.43
Brockton .....	110.70	109.35	104.28	40.4	40.5	39.8	2.74	2.70	2.62
Fall River .....	89.33	89.87	84.96	39.7	40.3	39.7	2.25	2.23	2.14
Lawrence-Haverhill .....	74.30	74.74	68.32	36.6	37.0	35.4	2.03	2.02	1.93
Lowell .....	94.49	95.99	89.38	39.7	40.5	39.2	2.38	2.37	2.28
New Bedford .....	88.48	88.75	85.06	39.5	39.8	39.2	2.24	2.23	2.17
Springfield-Chicopee-Holyoke .....	82.50	84.59	77.37	39.1	39.9	38.3	2.11	2.12	2.02
Worcester .....	107.79	107.74	101.00	41.3	41.6	40.4	2.61	2.59	2.50
	111.93	114.36	107.79	41.0	42.2	41.3	2.73	2.71	2.61
<b>MICHIGAN</b>									
Ann Arbor .....	145.14	143.81	142.19	43.6	43.5	44.2	3.33	3.31	3.22
Detroit .....	138.69	138.26	134.33	41.3	42.0	41.6	3.36	3.29	3.23
Flint .....	155.27	154.13	146.70	44.3	44.2	43.7	3.51	3.49	3.36
Grand Rapids .....	159.71	152.58	172.37	43.9	42.8	48.0	3.64	3.57	3.59
Kalamazoo .....	121.08	118.52	117.65	42.1	41.5	41.5	2.88	2.86	2.84
Lansing .....	131.36	132.45	117.33	44.2	44.4	42.1	2.97	2.98	2.79
Muskegon-Muskegon Heights .....	140.87	143.18	157.77	42.1	42.6	46.5	3.35	3.36	3.39
Saginaw .....	130.42	130.04	123.84	42.4	42.4	41.5	3.08	3.07	2.98
	144.88	152.56	151.74	43.3	44.7	45.8	3.35	3.41	3.31
<b>MINNESOTA</b>									
Duluth-Superior .....	116.61	116.01	110.59	41.5	41.6	40.7	2.81	2.79	2.72
Minneapolis-St. Paul .....	112.47	110.03	114.79	39.1	38.5	41.4	2.88	2.86	2.77
	123.73	123.13	116.12	42.0	42.1	40.9	2.95	2.93	2.84
<b>MISSISSIPPI</b>									
Jackson .....	78.25	78.06	74.03	41.4	41.3	40.9	1.89	1.89	1.81
	83.23	81.98	78.57	42.9	42.7	42.7	1.94	1.92	1.84
<b>MISSOURI</b>									
Kansas City .....	110.76	109.12	103.66	40.7	40.6	39.8	2.72	2.69	2.60
St. Louis .....	122.55	117.91	112.91	41.8	40.9	40.5	2.93	2.88	2.79
	123.75	122.36	117.52	41.1	41.0	40.5	3.01	2.98	2.90
<b>MONTANA</b>									
.....	124.93	121.55	111.08	44.3	42.8	40.1	2.82	2.84	2.77
<b>NEBRASKA</b>									
Omaha .....	105.52	104.68	99.74	43.0	42.9	42.4	2.46	2.44	2.35
	112.38	112.72	105.46	42.2	42.4	41.3	2.66	2.66	2.56

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		
	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
NEVADA	\$128.58	\$127.73	\$126.40	39.2	39.3	40.0	\$3.28	\$3.25	\$3.16
NEW HAMPSHIRE	87.77	87.78	82.01	41.4	41.6	40.2	2.12	2.11	2.04
Manchester	79.98	81.61	76.43	39.4	40.2	38.6	2.03	2.03	1.98
NEW JERSEY	116.75	116.62	109.34	41.4	41.5	40.2	2.82	2.81	2.72
Atlantic City	84.20	86.51	79.50	38.8	39.5	37.5	2.17	2.19	2.12
Jersey City <sup>2</sup>	113.57	115.79	107.46	41.0	41.5	39.8	2.77	2.79	2.70
Newark <sup>2</sup>	117.45	117.03	110.30	41.5	41.5	40.7	2.83	2.82	2.71
Paterson-Clifton-Passaic <sup>2</sup>	116.33	116.48	109.21	41.4	41.6	40.3	2.81	2.80	2.71
Perth Amboy <sup>2</sup>	122.93	121.93	114.90	42.1	41.9	40.6	2.92	2.91	2.83
Trenton	115.49	115.77	108.65	41.1	41.2	39.8	2.81	2.81	2.73
NEW MEXICO	90.78	90.29	91.71	39.3	39.6	39.7	2.31	2.28	2.31
Albuquerque	94.96	97.68	95.75	38.6	40.7	40.4	2.46	2.40	2.37
NEW YORK	110.00	110.42	103.74	40.0	40.3	39.0	2.75	2.74	2.66
Albany-Schenectady-Troy	123.06	126.05	113.81	42.0	42.3	40.5	2.93	2.98	2.81
Binghamton	103.22	106.24	100.28	40.8	41.5	40.6	2.53	2.56	2.47
Buffalo	135.04	133.88	134.04	42.2	42.1	43.1	3.20	3.18	3.11
Elmira	112.88	113.42	104.14	41.5	41.7	39.9	2.72	2.72	2.61
Nassau and Suffolk Counties <sup>3</sup>	112.46	112.20	101.50	40.6	41.1	38.3	2.77	2.73	2.65
New York-Northeastern New Jersey	108.23	108.93	101.23	39.5	39.9	38.2	2.74	2.73	2.65
New York SMSA <sup>2</sup>	103.03	103.98	95.94	38.3	38.8	36.9	2.69	2.68	2.60
New York City <sup>3</sup>	101.19	101.88	94.54	37.9	38.3	36.5	2.67	2.66	2.59
Rochester	127.56	128.10	120.22	42.1	42.7	41.6	3.03	3.00	2.89
Syracuse	118.08	119.11	115.08	41.0	41.5	41.1	2.88	2.87	2.80
Utica-Rome	104.60	106.24	96.38	40.7	41.5	39.5	2.57	2.56	2.44
Westchester County <sup>3</sup>	110.40	110.57	102.17	40.0	40.5	38.7	2.76	2.73	2.64
NORTH CAROLINA	76.57	79.00	73.26	40.3	41.8	40.7	1.90	1.89	1.80
Charlotte	83.60	83.60	79.00	41.8	41.8	41.8	2.00	2.00	1.89
Greensboro-High Point	78.01	80.36	72.71	39.2	41.0	39.3	1.99	1.96	1.85
NORTH DAKOTA	116.35	103.39	95.25	41.3	40.2	41.9	2.81	2.57	2.27
Fargo-Moorhead	105.23	107.41	105.46	39.6	39.7	39.9	2.65	2.70	2.64
OHIO	132.19	129.84	125.11	42.6	42.1	41.9	3.10	3.08	2.99
Akron	144.93	142.89	134.33	42.7	42.5	41.7	3.39	3.36	3.22
Canton	132.14	129.51	125.52	42.6	41.8	41.0	3.10	3.10	3.06
Cincinnati	122.80	121.43	116.90	42.3	42.0	41.9	2.90	2.89	2.79
Cleveland	137.59	136.68	128.12	43.5	43.4	42.4	3.16	3.15	3.02
Columbus	119.27	114.94	113.13	40.3	39.2	40.1	2.96	2.93	2.82
Dayton	144.05	140.89	135.11	42.9	42.2	42.2	3.36	3.34	3.20
Toledo	141.14	136.62	125.69	43.3	42.5	40.4	3.26	3.21	3.11
Youngstown-Warren	140.20	133.95	146.05	41.3	40.2	44.1	3.39	3.33	3.31
OKLAHOMA	103.09	103.00	98.77	41.4	41.7	41.5	2.49	2.47	2.38
Oklahoma City	97.70	97.29	94.73	41.4	41.4	42.1	2.36	2.35	2.25
Tulsa	116.89	117.30	108.00	42.2	42.5	41.7	2.77	2.76	2.59
OREGON	121.39	116.27	116.22	39.8	38.5	39.8	3.05	3.02	2.92
Eugene <sup>4</sup>	121.20	113.62	122.89	40.0	38.0	41.8	3.03	2.99	2.94
Portland	121.48	120.26	115.74	39.7	39.3	39.5	3.06	3.06	2.93
PENNSYLVANIA	109.62	110.02	106.63	40.6	40.9	40.7	2.70	2.69	2.62
Allentown-Bethlehem-Easton	106.62	106.40	106.66	39.2	39.7	40.4	2.72	2.68	2.64
Altoona	93.71	90.50	87.19	41.1	40.4	39.1	2.28	2.24	2.23
Erie	119.13	118.98	114.09	42.7	42.8	42.1	2.79	2.78	2.71
Harrisburg	94.49	96.52	93.90	39.7	40.9	40.3	2.38	2.36	2.33
Johnstown	114.27	108.29	115.44	39.0	37.6	39.4	2.93	2.88	2.93
Lancaster	103.32	103.21	92.97	42.0	42.3	40.6	2.46	2.44	2.29
Philadelphia	116.44	116.88	108.53	41.0	41.3	39.9	2.84	2.83	2.72
Pittsburgh	132.11	130.56	136.83	40.9	40.8	43.3	3.23	3.20	3.16
Reading	101.27	100.77	91.01	41.0	41.3	39.4	2.47	2.44	2.31
Scranton	78.81	81.11	74.62	37.0	37.9	36.4	2.13	2.14	2.05
Wilkes-Barre-Hazleton	75.35	77.00	70.80	36.4	37.2	35.4	2.07	2.07	2.00
York	96.22	95.60	85.86	42.2	42.3	40.5	2.28	2.26	2.12
RHODE ISLAND	92.02	91.43	86.86	40.9	41.0	40.4	2.25	2.23	2.15
Providence-Pawtucket-Warwick	92.48	92.06	87.48	41.1	41.1	40.5	2.25	2.24	2.16

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		
	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965	Apr. 1966	Mar. 1966	Apr. 1965
<b>SOUTH CAROLINA</b> .....	\$81.87	\$82.02	\$77.38	42.2	42.5	41.6	\$1.94	\$1.93	\$1.86
Charleston .....	93.46	88.94	83.01	42.1	40.8	40.1	2.22	2.18	2.07
Greenville .....	81.75	81.89	74.88	42.8	43.1	41.6	1.91	1.90	1.80
<b>SOUTH DAKOTA</b> .....	104.68	106.56	103.96	43.8	44.4	43.6	2.39	2.40	2.38
Sioux Falls .....	117.04	118.64	116.48	44.0	44.6	45.2	2.66	2.66	2.58
<b>TENNESSEE</b> .....	88.36	87.33	84.03	41.1	41.0	40.4	2.15	2.13	2.08
Chattanooga .....	97.16	95.68	89.79	41.7	41.6	41.0	2.33	2.30	2.19
Knoxville .....	95.83	95.44	97.44	39.6	39.6	40.6	2.42	2.41	2.40
Memphis .....	102.16	100.32	95.17	41.7	41.8	41.2	2.45	2.40	2.31
Nashville .....	97.21	94.58	91.21	41.9	41.3	40.9	2.32	2.29	2.23
<b>TEXAS</b> .....	107.52	106.26	102.58	42.0	42.0	41.7	2.56	2.53	2.46
Austin .....	77.57	77.52	72.44	40.4	40.8	39.8	1.92	1.90	1.82
Beaumont-Port Arthur .....	136.68	137.61	133.95	40.8	41.2	41.6	3.35	3.34	3.22
Corpus Christi .....	123.52	124.42	122.06	42.3	43.2	41.8	2.92	2.88	2.92
Dallas .....	98.23	97.81	93.34	41.8	41.8	41.3	2.35	2.34	2.26
El Paso .....	72.76	72.77	73.02	38.7	37.9	39.9	1.88	1.92	1.83
Fort Worth .....	116.90	114.36	108.78	41.9	42.2	42.0	2.79	2.71	2.59
Houston .....	126.96	126.26	120.98	42.8	42.8	42.6	2.96	2.95	2.84
San Antonio .....	82.74	82.12	75.55	42.0	41.9	40.4	1.97	1.96	1.87
<b>UTAH</b> .....	117.20	116.00	115.14	40.0	40.0	40.4	2.93	2.90	2.85
Salt Lake City .....	113.65	111.63	108.41	40.3	40.3	40.3	2.82	2.77	2.69
<b>VERMONT</b> .....	96.53	96.95	90.74	42.9	42.9	42.4	2.25	2.26	2.14
Burlington .....	96.05	101.01	95.63	41.4	42.8	42.5	2.32	2.36	2.25
Springfield .....	114.11	112.57	104.06	44.4	43.8	43.0	2.57	2.57	2.42
<b>VIRGINIA</b> .....	90.25	89.24	85.48	41.4	41.7	40.9	2.18	2.14	2.09
Norfolk-Portsmouth .....	109.98	100.80	96.35	47.2	44.6	43.4	2.33	2.26	2.22
Richmond .....	98.25	97.51	92.27	40.6	40.8	39.6	2.42	2.39	2.33
Roanoke .....	85.06	86.86	87.00	41.9	43.0	43.5	2.03	2.02	2.00
<b>WASHINGTON</b> .....	126.62	125.12	120.74	39.2	39.1	39.2	3.23	3.20	3.08
Seattle-Everett .....	131.08	131.34	122.38	39.6	39.8	39.1	3.31	3.30	3.13
Spokane .....	126.40	122.92	122.09	39.5	38.9	39.9	3.20	3.16	3.06
Tacoma .....	117.73	117.49	116.70	38.1	37.9	38.9	3.09	3.10	3.00
<b>WEST VIRGINIA</b> .....	113.48	112.56	114.40	40.1	40.2	41.3	2.83	2.80	2.77
Charleston .....	135.29	138.65	133.87	41.5	42.4	42.1	3.26	3.27	3.18
Huntington-Ashland .....	98.49	123.73	125.04	33.5	40.7	42.1	2.94	3.04	2.97
Wheeling .....	111.50	113.36	116.18	39.4	40.2	41.2	2.83	2.82	2.82
<b>WISCONSIN</b> .....	119.84	120.10	112.65	42.0	42.2	41.2	2.85	2.85	2.73
Green Bay .....	118.17	117.77	107.39	43.6	43.8	41.3	2.71	2.69	2.60
Kenosha .....	126.79	127.09	122.75	40.0	40.1	40.1	3.17	3.17	3.06
La Crosse .....	105.94	107.32	108.25	39.5	39.8	40.8	2.68	2.70	2.65
Madison .....	126.29	124.56	114.73	41.7	41.3	40.0	3.03	3.02	2.87
Milwaukee .....	130.82	132.66	123.70	41.7	42.2	41.1	3.14	3.15	3.01
Racine .....	125.29	129.60	118.20	40.9	42.1	40.5	3.06	3.08	2.92
<b>WYOMING</b> .....	116.40	112.05	113.75	38.8	37.6	38.3	3.00	2.98	2.97
Casper .....	134.46	124.83	131.08	39.9	37.6	39.6	3.37	3.32	3.31

<sup>1</sup>Not available.

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

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

<sup>4</sup>Initial inclusion in this publication.

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	2.5	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	4.5									
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									
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	4.0	4.0
1966.....	4.0	3.6	4.1	4.1									
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	1.4	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.3	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	2.4									
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	1.8	1.4
1966.....	1.3	1.0	1.0	.9									

<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	
		Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966
	<b>MANUFACTURING</b>	4.5	4.9	3.6	3.7	4.1	4.1	2.4	2.3	0.9	1.0
19,24,25,32-39	<b>DURABLE GOODS</b>	4.5	4.9	3.6	3.8	3.8	3.8	2.3	2.2	.6	.7
20-23,26-31	<b>NONDURABLE GOODS</b>	4.5	4.8	3.5	3.6	4.7	4.4	2.6	2.4	1.3	1.3
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b>	3.5	3.9	2.8	3.0	2.4	2.4	1.4	1.4	.5	.4
192	Ammunition, except for small arms	2.7	3.2	1.9	2.4	2.4	2.4	1.3	1.3	.6	.5
194	Sighting and fire control equipment	3.0	3.2	2.6	2.5	1.3	1.4	.7	1.0	.1	.1
191,3,5,6,9	Other ordnance and accessories	6.5	6.6	5.8	5.7	2.5	2.7	1.8	1.6	.1	.2
24	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b>	8.1	7.2	6.4	6.0	6.6	7.2	4.6	4.3	1.1	1.8
242	Sawmills and planing mills	6.5	6.5	5.5	5.4	6.0	6.0	4.4	4.1	.8	1.0
2421	Sawmills and planing mills, general	6.4	6.3	5.4	5.2	5.9	5.8	4.3	3.8	.9	1.1
243	Millwork, plywood, and related products	7.9	6.7	6.9	5.9	6.5	6.0	4.8	4.1	.6	.8
2431	Millwork	6.1	6.4	5.7	5.7	6.0	5.7	4.1	3.8	.9	.9
2432	Veneer and plywood	7.6	6.2	6.9	5.7	6.7	6.3	5.5	4.6	.2	.6
244	Wooden containers	10.2	7.6	7.8	6.4	6.4	6.8	4.5	4.2	.5	1.3
2441,2	Wooden boxes, shooks, and crates	10.0	7.5	7.9	6.7	6.6	6.8	4.7	4.4	.5	1.1
249	Miscellaneous wood products	6.6	7.1	5.4	6.0	6.2	6.2	4.0	4.0	1.2	.8
25	<b>FURNITURE AND FIXTURES</b>	6.3	6.5	5.7	5.8	6.2	6.1	4.5	4.3	.6	.6
251	Household furniture	6.4	6.7	5.8	6.1	6.3	6.4	4.8	4.6	.5	.5
2511	Wood house furniture, unupholstered	7.1	6.9	6.5	6.4	7.2	6.6	5.5	5.0	.4	.4
2512	Wood house furniture, upholstered	4.5	5.3	4.1	4.8	5.0	5.5	3.7	4.0	.6	.5
2515	Mattresses and bedsprings	6.3	5.8	5.8	5.2	5.7	5.7	4.3	4.1	.5	.7
252	Office furniture	(1)	5.5	(1)	4.9	(1)	4.4	(1)	3.1	(1)	.2
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	5.1	5.7	3.9	3.8	3.9	3.7	2.3	2.0	.8	.8
321	Flat glass	2.6	2.2	1.0	.9	2.6	2.3	.6	.5	1.4	1.4
322	Glass and glassware, pressed or blown	4.1	4.8	3.2	3.1	3.4	3.6	1.5	1.9	.9	.8
3221	Glass containers	4.6	5.4	3.6	3.3	4.1	4.3	1.9	2.2	1.4	1.3
3229	Pressed and blown glassware, n.e.c.	3.6	4.1	2.8	2.9	2.6	2.9	1.1	1.5	.3	.3
324	Cement, hydraulic	3.8	4.6	1.3	1.2	1.3	2.4	.7	.6	.2	1.1
325	Structural clay products	5.7	6.6	4.8	4.3	4.2	4.0	3.4	2.7	.2	.6
3251	Brick and structural clay tile	6.6	8.7	5.6	5.4	5.3	4.8	4.5	3.5	.2	.6
326	Pottery and related products	4.0	5.6	3.3	4.0	4.9	3.8	2.8	2.3	1.1	.6
3291	Abrasive products	2.5	3.0	2.4	2.8	1.8	1.8	1.3	1.2	(2)	.2
33	<b>PRIMARY METAL INDUSTRIES</b>	3.3	3.9	2.7	2.7	2.4	2.6	1.4	1.4	.2	.4
331	Blast furnace and basic steel products	2.9	3.7	2.1	2.0	1.5	1.7	.6	.7	.2	.2
3312	Blast furnaces, steel and rolling mills	2.9	3.7	2.0	1.8	1.3	1.6	.5	.7	.1	.2
332	Iron and steel foundries	4.5	4.9	3.9	4.1	4.3	4.3	3.1	2.7	.3	.6
3321	Gray iron foundries	4.7	5.1	4.2	4.2	4.7	4.4	3.4	2.8	.3	.6
3322	Malleable iron foundries	(1)	5.6	(1)	5.2	(1)	5.3	(1)	3.3	(1)	.9
3323	Steel foundries	3.8	4.1	3.2	3.3	3.1	3.7	2.0	2.1	.3	.4
333,4	Nonferrous smelting and refining	2.7	2.7	2.2	2.2	2.2	2.6	1.3	1.4	.2	.4
335	Nonferrous rolling, drawing, and extruding	2.6	3.2	2.3	2.5	2.1	2.6	1.2	1.2	.3	.6
3351	Copper rolling, drawing, and extruding	1.5	2.3	1.3	2.1	1.6	1.9	.9	.9	.2	.1
3352	Aluminum rolling, drawing, and extruding	2.6	3.0	2.0	2.3	2.0	2.1	1.0	1.1	.4	.3
3357	Nonferrous wire drawing, and insulating	(1)	3.9	(1)	2.6	(1)	3.6	(1)	1.4	(1)	1.5
336	Nonferrous foundries	5.9	5.9	5.6	5.4	5.5	5.0	3.9	3.5	.3	.3
3361	Aluminum castings	6.3	6.5	6.1	5.8	6.3	5.3	4.3	3.8	.4	.2
3362,9	Other nonferrous castings	5.5	5.4	5.2	5.1	4.9	4.7	3.6	3.3	.2	.3
339	Miscellaneous primary metal industries	2.9	3.4	2.6	3.2	2.6	2.7	1.7	1.7	.2	.1
3391	Iron and steel forgings	2.5	2.9	2.2	2.6	2.3	2.5	1.5	1.5	.1	.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	
		Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966
<i>Durable Goods--Continued</i>											
34	<b>FABRICATED METAL PRODUCTS</b> .....	4.9	5.2	4.1	4.2	4.5	4.5	2.8	2.5	0.7	1.1
341	Metal cans .....	5.6	5.7	2.4	2.1	5.3	3.9	1.3	1.1	2.6	1.9
342	Cutlery, hand tools, and general hardware .....	(1)	4.7	(1)	3.7	(1)	4.3	(1)	2.2	(1)	1.2
3421,3,5	Cutlery and hand tools, including saws .....	(1)	4.4	(1)	4.1	(1)	3.2	(1)	2.1	(1)	.2
3429	Hardware, n.e.c. ....	(1)	4.8	(1)	3.4	(1)	5.0	(1)	2.3	(1)	1.8
343	Heating equipment and plumbing fixtures .....	4.4	4.9	3.8	3.9	4.0	4.5	2.5	2.4	.3	1.2
3431,2	Sanitary ware and plumbers' brass goods .....	4.8	4.3	3.9	3.3	4.1	4.1	2.6	2.3	.2	.9
3433	Heating equipment, except electric .....	4.1	5.4	3.6	4.5	3.9	4.9	2.5	2.5	.5	1.4
344	Fabricated structural metal products .....	5.2	5.4	4.6	4.6	4.4	4.7	2.7	2.5	.7	1.1
3441	Fabricated structural steel .....	4.4	6.0	4.0	4.9	4.3	4.9	2.7	2.7	.8	1.2
3443	Fabricated plate work (boiler shops) .....	3.9	4.2	3.5	3.7	3.2	3.9	2.1	2.1	.3	.8
3446,9	Architectural and miscellaneous metal work .....	6.1	5.1	5.3	4.3	5.5	4.8	2.6	2.1	1.8	1.9
345	Screw machine products, bolts, etc. ....	4.4	5.1	4.0	4.7	4.0	4.0	2.9	2.6	.3	.2
3452	Bolts, nuts, screws, rivets, and washers .....	3.1	4.4	2.8	4.1	3.0	3.2	2.0	2.1	.2	.1
346	Metal stampings .....	4.6	4.7	3.7	3.3	4.9	4.4	3.0	2.1	.9	1.4
348	Miscellaneous fabricated wire products .....	4.4	4.5	3.8	4.0	4.5	4.8	3.0	3.1	.7	.8
349	Miscellaneous fabricated metal products .....	4.3	4.7	3.8	4.1	3.6	3.7	2.4	2.3	.4	.5
3494,8	Valves, pipe, and pipe fittings .....	4.2	4.4	3.8	3.9	3.3	3.4	2.3	2.2	.1	.3
35	<b>MACHINERY</b> .....	3.6	3.8	3.1	3.2	3.2	3.1	2.1	1.8	.3	.4
351	Engines and turbines .....	2.9	3.5	2.5	2.6	2.4	2.8	1.4	1.2	.1	.5
3511	Steam engines and turbines .....	2.0	2.5	1.5	1.7	1.6	1.6	.7	.5	.1	(2)
3519	Internal combustion engines, n.e.c. ....	3.4	4.0	3.1	3.0	2.8	3.4	1.8	1.6	.2	.7
352	Farm machinery and equipment .....	4.0	4.4	3.6	3.9	4.0	3.9	2.9	2.5	.1	.3
353	Construction and related machinery .....	3.4	3.8	3.0	3.3	3.0	2.8	1.9	1.7	.2	.2
3531,2	Construction and mining machinery .....	3.5	3.8	3.1	3.2	2.8	2.6	1.7	1.5	.1	.2
3533	Oil field machinery, and equipment .....	2.9	3.7	2.7	3.4	3.1	3.1	2.3	2.2	.1	.1
3535,6	Conveyors, hoists, and industrial cranes .....	3.8	3.6	3.4	3.3	3.8	3.0	2.1	1.9	.7	1.1
354	<b>Metalworking machinery and equipment</b> .....	3.2	3.6	3.0	3.2	2.9	3.0	2.0	1.9	.2	.4
3541	Machine tools, metal cutting types .....	2.6	3.0	2.4	2.8	2.5	2.3	1.7	1.6	.1	(2)
3545	Machine tool accessories .....	3.7	3.8	3.5	3.6	2.5	2.7	1.7	1.8	(2)	.1
3542,8	Miscellaneous metalworking machinery .....	2.6	2.9	2.3	2.6	2.3	2.6	1.4	1.6	.2	.4
355	Special industry machinery .....	3.0	3.3	2.7	2.9	2.8	2.9	1.9	1.9	.2	.3
3551	Food products machinery .....	2.8	3.4	2.6	3.1	2.7	2.6	1.7	1.8	.3	.1
3552	Textile machinery .....	3.3	3.8	2.8	3.3	3.5	4.0	2.5	2.6	.1	.5
356	General industrial machinery .....	3.2	3.5	2.9	3.0	2.6	2.8	1.8	1.6	.2	.4
3561	Pumps; air and gas compressors .....	3.1	3.4	2.8	3.1	2.6	2.7	1.8	1.7	.1	.1
3562	Ball and roller bearings .....	(1)	3.1	(1)	1.9	(1)	2.8	(1)	1.1	(1)	1.1
3566	<b>Mechanical power transmission goods</b> .....	3.2	3.6	2.9	3.3	2.6	2.6	1.7	1.6	.1	.2
357	<b>Office, computing, and accounting machines</b> .....	3.2	3.5	2.5	2.7	3.1	2.7	1.8	1.3	.3	.2
3571	Computing machines and cash registers .....	2.7	3.3	1.9	2.4	2.7	2.4	1.5	1.1	.3	.2
358	Service industry machines .....	5.1	4.4	4.3	3.8	4.3	3.5	2.5	2.1	.8	.4
3585	Refrigeration, except home refrigerators .....	5.8	4.6	4.6	3.9	5.0	3.6	2.8	2.0	1.1	.7
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> .....	4.3	4.7	3.6	3.9	3.5	3.5	2.2	2.1	.4	.4
361	Electric distribution equipment .....	3.8	4.1	3.4	3.6	2.7	2.8	1.7	1.7	.2	.2
3611	Electric measuring instruments .....	4.7	5.2	4.1	4.6	3.1	3.2	2.0	2.0	.3	.2
3612	Power and distribution transformers .....	3.8	3.6	3.6	3.1	2.7	2.5	1.8	1.4	.1	.2
3613	Switchgear and switchboard apparatus .....	3.0	3.5	2.7	3.1	2.3	2.6	1.4	1.6	.1	.1
362	<b>Electrical industrial apparatus</b> .....	4.2	4.1	3.7	3.5	3.5	3.1	2.2	1.9	.4	.4
3621	Motors and generators .....	4.2	4.1	3.5	3.4	3.6	3.2	2.2	1.9	.5	.5
3622	Industrial controls .....	4.6	4.3	4.3	3.9	3.7	3.1	2.5	2.0	.2	.2
363	Household appliances .....	4.6	5.1	3.8	4.1	3.7	4.0	2.2	2.3	.2	.5
3632	Household refrigerators and freezers .....	5.2	5.1	4.3	4.3	4.3	3.7	2.4	2.4	.1	(2)
3633	Household laundry equipment .....	3.8	5.4	3.3	3.7	2.5	2.9	1.6	1.8	.1	.3
3634	Electric housewares and fans .....	3.8	5.7	3.2	4.7	4.7	4.8	2.9	2.8	.6	1.0
364	Electric lighting and wiring equipment .....	4.3	4.7	3.9	3.9	3.6	3.8	2.4	2.2	.5	.7
3641	Electric lamps .....	2.4	3.0	2.1	2.3	1.9	2.1	1.2	1.2	.1	.2
3642	Lighting fixtures .....	4.9	5.2	4.4	4.1	4.7	4.6	2.6	2.2	1.0	1.5
3643,4	Wiring devices .....	4.7	5.0	4.2	4.4	3.5	3.9	2.6	2.7	.2	.4
365	Radio and TV receiving sets .....	4.9	6.0	3.6	4.6	4.4	5.6	2.2	2.9	1.0	.9
366	Communication equipment .....	3.6	3.6	2.9	2.9	2.7	2.4	1.6	1.4	.3	.3
3661	Telephone and telegraph apparatus .....	(1)	3.2	(1)	2.9	(1)	1.8	(1)	1.2	(1)	(2)
3662	Radio and TV communication equipment .....	3.9	3.8	3.1	2.9	2.9	2.6	1.7	1.5	.4	.4
367	Electronic components and accessories .....	5.3	6.4	4.5	5.3	4.5	4.4	2.9	2.8	.5	.4
3671-3	Electron tubes .....	6.4	5.1	5.6	4.3	3.3	2.7	2.3	1.5	.2	.2
3674,9	Electronic components, n.e.c. ....	5.0	6.8	4.1	5.6	4.8	4.8	3.1	3.1	.6	.5
369	Miscellaneous electrical equipment and supplies .....	4.2	3.7	3.0	2.8	3.7	2.8	1.9	1.5	.6	.4
3694	Electrical equipment for engines .....	3.2	2.8	2.5	2.2	3.2	2.5	1.8	1.2	.4	.3

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**

SIC Code	Industry	(Per 100 employees)									
		Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966		
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b> .....	4.2	5.4	2.7	3.3	3.6	3.8	1.6	1.7	1.1	1.2
371	Motor vehicles and equipment .....	(1)	5.2	(1)	2.2	(1)	3.6	(1)	1.3	(1)	1.3
3711	Motor vehicles .....	(1)	6.2	(1)	2.4	(1)	3.5	(1)	1.3	(1)	1.2
3712	Passenger car bodies .....	(1)	10.7	(1)	1.6	(1)	5.1	(1)	.7	(1)	3.5
3713	Truck and bus bodies .....	(1)	4.8	(1)	4.1	(1)	3.9	(1)	2.1	(1)	.9
3714	Motor vehicle parts and accessories .....	(1)	3.0	(1)	1.8	(1)	3.2	(1)	1.2	(1)	1.1
372	Aircraft and parts .....	3.3	4.2	2.8	3.6	2.4	2.2	1.4	1.3	.4	.3
3721	Aircraft .....	3.2	4.3	2.8	3.7	2.1	1.9	1.1	1.2	.5	.2
3722	Aircraft engines and engine parts .....	2.8	3.3	2.2	2.5	2.3	2.2	1.4	1.2	.2	.5
3723,9	Other aircraft parts and equipment .....	4.3	5.2	3.9	4.8	3.4	3.5	2.3	2.2	.2	.3
373	Ship and boat building and repairing .....	7.8	9.5	4.3	5.9	8.8	9.2	3.2	3.8	4.4	4.0
3731	Ship building and repairing .....	7.4	9.4	3.3	5.2	8.5	9.3	2.5	3.2	5.1	4.8
374	Railroad equipment .....	4.2	6.6	2.5	3.4	3.2	4.3	1.7	1.6	.5	1.3
375,9	Other transportation equipment .....	(1)	11.3	(1)	9.3	(1)	10.2	(1)	6.5	(1)	2.0
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	3.7	3.8	3.3	3.3	2.9	2.8	1.9	1.8	.3	.4
381	Engineering and scientific instruments .....	3.4	2.8	3.1	2.5	2.4	2.8	1.8	1.4	.2	.7
382	Mechanical measuring and control devices .....	3.6	3.6	3.2	3.2	2.9	2.8	1.8	1.7	.2	.3
3821	Mechanical measuring devices .....	3.3	3.3	3.1	2.9	2.6	2.5	1.7	1.6	.2	.2
3822	Automatic temperature controls .....	4.2	4.2	3.5	3.5	3.5	3.4	2.1	1.9	.4	.4
383,5	Optical and ophthalmic goods .....	5.0	5.2	4.4	4.6	4.9	3.9	3.4	2.7	.8	.5
384	Surgical, medical, and dental equipment .....	3.5	4.0	3.3	3.7	3.0	2.9	1.9	1.8	.3	.4
386	Photographic equipment and supplies .....	(1)	3.1	(1)	2.9	(1)	1.9	(1)	1.3	(1)	.1
387	Watches and clocks .....	4.4	5.4	3.7	4.4	3.5	3.9	2.4	2.5	.2	.2
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> .....	5.6	6.9	4.4	5.0	5.2	5.0	3.1	3.1	1.2	.9
391	Jewelry, silverware, and plated ware .....	3.6	4.6	3.1	3.9	3.5	3.8	2.5	2.5	.4	.4
394	Toys, amusement, and sporting goods .....	8.3	11.6	5.6	6.5	7.2	6.4	4.1	4.1	1.9	1.0
3941-3	Toys, games, dolls, and play vehicles .....	9.6	13.5	5.6	6.0	7.9	6.8	4.4	4.0	2.5	1.4
3949	Sporting and athletic goods, n.e.c. ....	6.4	8.7	5.6	7.3	6.0	5.9	3.7	4.1	1.1	.5
395	Pens, pencils, office and art materials .....	3.8	4.7	3.1	3.9	3.3	3.5	2.6	2.4	.1	.3
396	Costume, jewelry, buttons, and notions .....	4.8	6.4	4.0	5.2	5.4	5.8	3.4	3.7	1.1	1.1
393,8,9	Other manufacturing industries .....	5.0	5.1	4.3	4.4	4.7	4.4	2.5	2.6	1.2	1.0
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	5.5	5.5	3.8	3.4	5.5	5.6	2.7	2.4	2.1	2.5
201	Meat products .....	6.6	6.4	3.7	3.2	6.0	6.2	3.0	2.7	2.4	2.9
2011	Meat packing .....	5.1	5.6	1.6	1.4	4.9	5.7	1.2	1.2	3.1	4.0
2015	Poultry dressing and packing .....	13.0	10.9	10.6	9.3	11.1	9.7	8.9	7.7	1.3	1.1
204	Grain mill products .....	4.2	3.6	2.8	2.7	4.2	3.3	2.1	1.8	1.4	.8
2041	Flour and other grain mill products .....	2.3	3.5	1.7	2.3	3.0	3.2	1.5	1.3	1.0	1.5
2042	Prepared feeds for animals and fowls .....	4.5	3.9	3.1	3.2	4.5	3.5	2.6	2.3	1.1	.5
205	Bakery products .....	3.9	3.6	3.5	3.0	3.8	3.9	2.6	2.2	.7	1.0
2051	Bread, cake, and perishable products .....	3.9	3.2	3.6	2.9	3.5	3.7	2.6	2.2	.4	.9
2052	Biscuit, crackers, and pretzels .....	4.3	6.1	3.0	3.6	5.8	4.9	2.3	2.1	2.6	1.5
207	Confectionery and related products .....	5.4	5.3	3.1	3.3	8.2	6.9	3.5	2.9	4.1	3.4
2071	Candy and other confectionery products .....	6.2	6.0	3.6	3.7	9.8	7.7	4.0	3.2	5.0	3.8
208	Beverages .....	5.9	5.5	4.0	3.7	4.7	4.6	2.4	2.0	1.6	1.9
2082	Malt liquors .....	4.9	4.5	2.0	1.6	4.4	3.7	.8	.6	3.0	2.6
21	<b>TOBACCO MANUFACTURES</b> .....	2.7	4.2	1.5	1.9	6.0	6.0	1.3	1.7	4.1	3.8
211	Cigarettes .....	1.6	1.6	.9	1.0	.9	1.6	.4	.6	.1	.6
212	Cigars .....	3.6	4.1	2.5	3.0	4.8	4.7	2.7	3.1	1.6	1.2

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**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	
		Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS . . . . .	5.3	5.3	4.4	4.2	4.9	4.7	3.7	3.3	0.4	0.5
221	Cotton broad woven fabrics . . . . .	5.1	4.6	4.2	3.8	4.9	4.1	3.9	3.2	.2	.1
222	Silk and synthetic broad woven fabrics . . . . .	5.1	4.8	4.5	4.1	4.7	4.4	3.7	3.1	.2	.4
223	Weaving and finishing broad woolens . . . . .	5.0	5.6	4.1	4.0	4.6	5.4	3.4	3.3	.3	.7
224	Narrow fabrics and smallwares . . . . .	4.8	5.1	4.1	4.3	4.6	4.5	3.5	3.3	.3	.5
225	Knitting . . . . .	5.5	5.7	4.4	4.2	4.4	4.3	3.2	3.1	.6	.6
2251	Women's full and knee length hosiery . . . . .	3.8	3.8	3.2	3.1	3.6	3.5	3.1	2.8	.1	.3
2252	All other hosiery . . . . .	4.9	4.2	4.1	3.2	4.0	4.4	3.1	3.1	.3	.9
2254	Knit underwear . . . . .	3.7	3.9	3.0	3.0	3.4	3.6	2.8	2.9	.2	.2
226	Finishing textiles, except wool and knit . . . . .	3.9	3.9	3.2	3.2	3.9	3.7	2.6	2.6	.5	.3
227	Floor covering . . . . .	4.6	5.0	3.8	3.9	4.8	5.1	3.6	3.2	.4	.7
228	Yarn and thread . . . . .	7.2	7.5	6.2	6.1	6.7	7.3	5.4	5.2	.5	.9
229	Miscellaneous textile goods . . . . .	5.1	4.9	4.1	4.1	5.4	5.0	3.3	2.8	1.2	1.3
23	APPAREL AND RELATED PRODUCTS . . . . .	5.4	5.8	4.1	4.4	6.7	5.6	3.2	2.9	2.7	2.0
231	Men's and boys' suits and coats . . . . .	3.5	3.7	2.9	3.0	3.7	2.9	2.2	1.9	.9	.5
232	Men's and boys' furnishings . . . . .	5.6	5.9	4.5	4.6	5.5	5.2	4.2	3.7	.6	.7
2321	Men's and boys' shirts and nightwear . . . . .	5.0	5.2	4.0	3.9	4.9	4.7	3.8	3.5	.5	.5
2327	Men's and boys' separate trousers . . . . .	5.0	5.3	4.3	4.5	5.3	5.6	4.4	3.9	.3	.9
2328	Work clothing . . . . .	6.0	6.5	5.2	5.6	6.2	5.5	5.2	4.5	.4	.4
234	Women's and children's undergarments . . . . .	4.9	5.8	3.9	4.4	5.2	4.9	3.5	3.3	1.1	1.0
2341	Women's and children's underwear . . . . .	4.7	5.8	3.7	4.3	5.8	5.2	3.8	3.4	1.2	1.1
2342	Corsets and allied garments . . . . .	5.4	5.6	4.2	4.6	4.3	4.5	3.0	3.1	.8	.7
26	PAPER AND ALLIED PRODUCTS . . . . .	3.6	3.9	3.1	3.3	3.5	3.3	2.2	2.1	.5	.5
261,2,6	Paper and pulp . . . . .	2.0	2.0	1.6	1.6	1.7	1.7	.9	.9	.3	.3
263	Paperboard . . . . .	2.1	2.4	1.8	2.1	2.6	2.3	1.3	1.3	.8	.4
264	Converted paper and paperboard products . . . . .	4.3	5.3	3.9	4.6	4.5	4.0	2.8	2.7	.8	.5
2643	Bags, except textile bags . . . . .	5.4	7.1	4.9	6.2	6.4	5.9	3.8	4.0	1.1	.8
265	Paperboard containers and boxes . . . . .	5.1	5.1	4.5	4.3	4.8	4.8	3.2	3.0	.6	.7
2651,2	Folding and setup paperboard boxes . . . . .	5.8	5.6	4.9	4.5	5.2	4.9	3.3	2.9	.8	.9
2653	Corrugated and solid fiber boxes . . . . .	4.6	4.8	4.3	4.3	4.4	4.8	3.3	3.4	.2	.3
	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES . . . . .	3.3	3.5	2.8	2.8	3.2	2.9	2.0	1.8	.6	.6
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	2.7	3.4	2.3	2.7	2.4	2.3	1.3	1.2	.4	.6
281	Industrial chemicals . . . . .	1.5	1.6	1.3	1.3	1.3	1.8	.7	.6	.2	.7
282	Plastics materials and synthetics . . . . .	2.2	2.2	1.9	1.9	1.6	1.8	1.0	1.0	.1	.4
2821	Plastics materials and resins . . . . .	2.2	2.4	2.1	2.2	1.7	1.6	1.0	1.1	.1	.1
2823,4	Synthetic fibers . . . . .	2.1	2.1	1.8	1.6	1.6	2.1	1.0	.9	.1	.7
283	Drugs . . . . .	2.1	2.4	1.9	2.2	2.0	1.6	1.2	1.0	.3	.2
2834	Pharmaceutical preparations . . . . .	2.2	2.5	1.9	2.2	2.2	1.7	1.4	1.0	.3	.2
284	Soap, cleaners, and toilet goods . . . . .	4.2	5.4	3.1	3.7	4.3	3.9	2.1	1.8	1.2	1.2
2841	Soap and detergents . . . . .	3.9	5.7	2.7	2.8	3.6	2.7	1.4	1.3	1.4	.8
2844	Toilet preparations . . . . .	5.1	7.0	3.6	5.2	5.6	6.3	2.8	2.4	1.3	2.5
285	Paints, varnishes, and allied products . . . . .	3.1	2.8	2.8	2.6	2.4	2.2	1.5	1.4	.1	.2
286,9	Other chemical products . . . . .	4.1	4.6	3.6	3.9	2.6	2.6	1.3	1.6	.6	.4
29	PETROLEUM REFINING AND RELATED INDUSTRIES . . . . .	2.1	1.9	1.5	1.5	1.8	1.7	.9	.7	.3	.5
291	Petroleum refining . . . . .	1.2	1.4	.9	1.2	1.5	1.3	.5	.5	.4	.4
295,9	Other petroleum and coal products . . . . .	5.5	4.1	3.7	2.8	3.2	3.1	2.3	1.6	.2	.9
30	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS . . . . .	4.9	5.2	4.1	4.2	4.6	4.6	3.0	2.7	.6	.7
301	Tires and inner tubes . . . . .	2.2	1.8	1.6	1.1	1.6	1.5	.7	.6	.2	.4
302,3,6	Other rubber products . . . . .	4.4	4.0	3.4	3.0	4.3	4.1	2.7	2.3	.7	.9
307	Miscellaneous plastics products . . . . .	6.8	8.0	5.9	6.8	6.4	6.5	4.5	4.3	.7	.8

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	
		Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966	Apr. 1966	Mar. 1966
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS .....	5.4	6.0	4.1	4.7	6.2	6.2	3.9	3.9	1.5	1.3
311	Leather tanning and finishing .....	4.2	3.8	3.3	3.1	4.7	4.5	3.0	2.4	1.0	1.2
314	Footwear, except rubber .....	5.0	5.7	3.8	4.4	6.1	6.0	4.0	4.1	1.3	.9
	<b>NONMANUFACTURING</b>										
10	METAL MINING .....	3.3	2.9	2.0	2.1	2.7	3.2	1.7	1.6	.3	.9
101	Iron ores .....	4.6	2.0	.9	.9	1.7	3.7	.5	.5	.9	2.8
102	Copper Ores .....	1.9	2.5	1.5	1.6	1.6	1.8	.9	1.0	.1	.1
11,12	COAL MINING .....	1.8	1.7	1.0	1.1	2.7	1.9	.7	.8	1.6	.6
12	Bituminous .....	1.5	1.6	1.1	1.1	1.6	1.9	.7	.8	.6	.5
	COMMUNICATION:										
481	Telephone communication .....	(1)	2.3	-	-	(1)	1.5	(1)	1.1	(1)	.1
482	Telegraph communication <sup>3</sup> .....	(1)	2.7	-	-	(1)	1.9	(1)	1.1	(1)	.4

<sup>1</sup>Not available.

<sup>2</sup>Less than 0.05.

<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.
<b>Total accessions</b>												
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	3.2	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	4.1	3.8	4.3	4.3	4.1
1962.....	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963.....	3.8	3.8	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.7	4.0
1964.....	3.8	4.0	4.0	3.9	3.8	4.1	4.0	4.0	3.9	4.0	4.1	4.0
1965.....	4.0	4.0	4.3	3.9	4.1	4.5	4.1	4.2	4.5	4.5	5.0	4.9
1966.....	4.9	4.8	5.2	4.7								
<b>New hires</b>												
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	2.3	2.3	2.3	2.2
1963.....	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.5
1964.....	2.4	2.5	2.6	2.6	2.4	2.6	2.5	2.6	2.7	2.6	2.8	2.9
1965.....	2.9	3.0	3.3	2.8	2.9	3.1	2.8	2.9	3.1	3.3	3.7	4.0
1966.....	3.9	3.9	4.3	3.9								
<b>Total separations</b>												
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	3.6	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	4.2	4.4	4.3	4.4	4.2	4.3	4.4	5.0
1961.....	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.8	4.0	3.9	4.0	4.1
1962.....	3.8	4.0	4.0	3.8	4.2	4.2	4.2	4.7	3.9	4.1	4.0	3.9
1963.....	3.9	3.8	3.9	3.9	3.9	3.8	3.9	4.4	3.9	3.8	3.9	3.8
1964.....	3.9	3.9	3.9	3.8	3.9	3.9	4.1	4.0	4.0	3.9	3.6	3.8
1965.....	3.7	3.7	3.8	4.0	3.9	4.0	4.0	4.7	4.4	4.1	3.9	4.1
1966.....	4.0	4.3	4.6	4.4								
<b>Quits</b>												
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.....	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.4	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	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965.....	1.6	1.7	1.8	1.9	1.7	1.7	1.8	1.8	2.0	2.0	2.2	2.2
1966.....	2.4	2.4	2.7	2.6								
<b>Layoffs</b>												
1956.....	1.6	2.3	1.8	1.6	2.1	1.9	1.7	1.5	1.8	1.5	1.6	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	1.9	2.3	2.3	2.3	2.5	2.4	2.6	2.5	2.6	2.7	2.8
1961.....	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.1	1.8	1.9	2.0
1962.....	1.8	1.9	1.7	1.8	2.0	2.0	2.1	2.4	1.9	2.0	2.0	1.9
1963.....	1.9	1.8	1.9	1.8	1.9	1.8	1.9	2.1	1.8	1.7	1.8	1.7
1964.....	1.8	1.8	1.8	1.6	1.7	1.6	1.9	1.5	1.5	1.6	1.5	1.6
1965.....	1.4	1.4	1.4	1.5	1.4	1.4	1.6	1.7	1.3	1.3	1.3	1.3
1966.....	1.1	1.1	1.1	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.

**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	
	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966
ALABAMA <sup>1</sup>	4.2	3.6	3.0	2.4	3.7	3.2	2.1	1.7	1.0	1.0
Birmingham	3.2	3.6	1.9	2.0	2.6	2.6	1.3	1.0	.8	1.0
Mobile <sup>1</sup>	8.5	5.7	2.4	1.7	9.7	6.1	2.7	1.8	6.3	3.6
ALASKA	22.7	18.0	16.7	9.1	16.3	13.4	9.7	6.4	5.5	6.0
ARIZONA	5.6	5.2	4.5	4.4	4.3	3.9	2.2	1.9	1.1	1.1
Phoenix	5.9	5.5	4.8	4.7	4.2	3.9	2.3	2.0	1.0	1.0
ARKANSAS	6.9	5.6	5.6	4.6	6.3	5.3	4.5	3.3	.9	1.0
Fort Smith	9.0	7.4	8.1	6.5	7.3	8.4	6.0	5.2	.6	2.3
Little Rock-North Little Rock	5.0	5.2	4.8	4.4	5.2	4.8	4.0	3.1	.5	.7
Pine Bluff	4.4	4.7	3.9	4.4	4.1	4.1	3.6	2.7	.1	.8
CALIFORNIA <sup>1</sup>	5.8	5.0	4.5	3.9	4.4	3.9	2.3	1.9	1.1	1.2
Anaheim-Santa Ana-Garden Grove <sup>1</sup>	4.9	4.0	4.2	3.5	3.8	3.5	2.3	2.0	.5	.7
Los Angeles-Long Beach <sup>1</sup>	5.9	5.4	4.7	4.4	4.8	4.1	2.5	2.1	1.1	1.0
Sacramento <sup>1</sup>	5.5	3.1	2.1	1.5	2.7	2.9	1.2	1.3	1.2	1.2
San Bernardino-Riverside-Ontario <sup>1</sup>	5.0	4.0	4.3	3.4	3.4	3.3	1.8	1.6	.5	.9
San Diego <sup>1</sup>	4.0	3.7	3.2	3.2	2.9	3.1	1.5	1.4	.8	1.0
San Francisco-Oakland <sup>1</sup>	6.5	5.2	4.3	3.4	4.9	4.6	2.0	1.5	1.9	2.2
San Jose <sup>1</sup>	5.1	4.6	4.4	3.8	2.7	2.4	1.6	1.2	.3	.4
Stockton <sup>1</sup>	8.0	5.0	7.1	3.2	5.2	3.8	2.4	1.7	1.9	1.2
COLORADO	5.0	4.4	3.7	3.4	4.0	4.3	1.8	1.7	1.4	1.8
CONNECTICUT	3.8	3.5	3.3	3.0	3.2	2.7	2.1	1.8	.4	.3
Bridgeport	3.7	3.0	3.2	2.6	2.6	2.4	1.8	1.6	.2	.2
Hartford	3.8	3.9	3.5	3.5	2.6	2.3	1.8	1.6	.1	.1
New Britain	4.2	3.6	3.8	3.1	3.6	2.8	2.2	1.7	.4	.2
New Haven	4.3	3.9	3.4	3.1	3.9	3.4	2.2	2.0	.5	.4
Stamford	2.8	3.0	2.6	2.6	2.5	2.4	1.7	1.6	.2	.2
Waterbury	3.1	2.7	2.2	1.9	2.9	2.8	1.9	1.7	.6	.7
DELAWARE <sup>1</sup>	2.9	2.7	2.2	1.8	2.3	2.5	1.2	1.1	.3	.7
Wilmington <sup>1</sup>	2.3	2.3	1.7	1.6	1.9	2.0	1.0	1.0	.2	.4
DISTRICT OF COLUMBIA:										
Washington SMSA	2.6	2.0	2.4	1.8	2.3	2.3	1.8	1.6	.1	.2
FLORIDA	5.8	5.6	4.6	4.5	6.2	5.7	3.3	3.4	2.1	1.4
Fort Lauderdale-Hollywood	7.0	6.4	6.2	5.9	7.3	5.1	5.1	3.5	1.0	.5
Jacksonville	6.7	4.2	3.4	3.5	3.8	6.4	2.3	2.5	.9	3.2
Miami	6.3	5.1	5.5	4.5	5.4	5.7	3.1	3.1	1.3	1.4
Orlando	5.7	8.6	4.6	7.8	4.9	7.5	4.0	4.9	.2	1.3
Pensacola	1.4	1.5	1.1	1.2	1.5	1.7	1.0	1.2	.3	.2
Tampa-St. Petersburg	6.1	6.5	4.2	4.2	5.4	6.7	2.6	3.2	2.1	2.5
West Palm Beach	5.3	5.2	5.0	5.0	8.9	5.6	2.4	2.8	5.1	1.4
GEORGIA	5.4	4.3	4.4	3.5	4.9	3.7	3.3	2.4	.7	.5
Atlanta <sup>2</sup>	4.8	4.7	4.1	4.1	4.4	3.7	2.9	2.4	.6	.4
HAWAII <sup>3</sup>	2.7	2.2	1.8	1.8	3.4	2.6	1.3	1.1	.2	.2
IDAHO <sup>4</sup>	5.8	4.0	4.5	2.8	7.6	4.7	2.9	2.3	3.8	1.8
ILLINOIS:										
Chicago	5.0	4.3	4.4	3.7	4.6	3.8	2.9	2.3	.4	.4
INDIANA <sup>1</sup>	4.5	4.3	3.7	3.2	3.8	3.5	2.2	1.8	.7	.8
Indianapolis <sup>5</sup>	4.4	3.6	3.7	3.0	3.9	3.4	2.1	1.8	.7	.7
IOWA	4.5	3.9	3.5	3.1	3.9	3.2	2.3	1.9	.9	.6
Cedar Rapids	4.4	4.0	3.5	2.5	2.6	3.7	1.7	1.7	.4	1.4
Des Moines	5.4	5.8	4.1	4.4	4.0	3.3	2.4	2.2	.6	.4

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	
	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966
KANSAS .....	4.9	5.0	3.9	4.0	3.7	3.3	2.2	2.0	0.7	0.6
Topeka .....	3.6	2.9	2.7	2.4	2.1	1.9	1.4	1.2	.1	.3
Wichita .....	4.3	5.4	3.7	4.6	3.2	3.1	2.2	2.1	.3	.3
KENTUCKY .....	4.9	3.5	3.1	2.3	4.1	3.4	1.9	1.2	1.4	1.2
Louisville .....	3.9	3.0	2.9	2.1	3.2	2.3	1.7	1.0	.8	.7
LOUISIANA .....	3.8	3.6	2.3	2.3	3.5	3.3	1.5	1.2	1.3	1.4
New Orleans <sup>6</sup> .....	4.5	3.9	2.7	2.4	4.2	4.2	1.5	1.4	1.6	1.9
MAINE .....	7.5	7.0	4.9	4.2	7.0	5.0	3.8	3.1	2.3	1.1
Portland .....	3.8	4.7	3.5	4.2	3.8	3.7	2.5	2.5	.8	.9
MARYLAND .....	4.5	4.3	3.1	2.6	3.4	3.0	1.9	1.5	.7	.9
Baltimore .....	4.3	4.3	3.1	2.6	2.9	2.7	1.7	1.4	.5	.7
MASSACHUSETTS .....	4.6	4.1	3.7	3.1	3.9	3.3	2.5	2.0	.6	.6
Boston .....	4.0	3.7	3.3	2.6	3.3	2.8	2.0	1.5	.5	.6
Fall River .....	6.0	5.3	4.9	3.5	5.1	4.0	2.5	2.1	2.0	1.4
New Bedford .....	5.7	4.3	3.6	2.9	3.9	3.1	2.6	1.8	.5	.6
Springfield-Chicopee-Holyoke .....	5.0	4.5	4.1	3.5	4.1	3.2	2.7	2.3	.5	.3
Worcester .....	4.4	3.9	3.6	3.1	3.7	2.8	2.4	2.0	.5	.3
MICHIGAN .....	3.7	3.4	2.6	2.3	3.7	3.4	1.5	1.3	1.1	1.2
Detroit .....	3.5	3.2	2.5	2.2	3.4	3.2	1.5	1.3	.8	.9
Grand Rapids .....	5.1	3.9	3.5	2.6	4.4	4.3	2.3	1.8	1.2	1.7
Kalamazoo .....	4.2	3.2	3.8	2.8	2.9	2.7	1.6	1.6	.4	.3
Lansing .....	3.7	3.4	1.9	1.7	3.8	3.6	1.3	1.1	1.3	1.4
Muskegon-Muskegon Heights .....	4.4	4.5	2.9	2.9	3.8	3.8	2.2	2.1	.3	.4
Saginaw .....	4.0	3.2	1.8	1.6	3.9	3.6	1.2	1.0	2.0	1.8
MINNESOTA .....	4.9	4.7	3.3	3.0	3.7	3.6	1.9	1.5	1.1	1.5
Duluth-Superior .....	7.8	6.8	5.6	3.6	4.1	2.8	2.7	1.6	.5	.5
Minneapolis-St. Paul .....	4.8	4.6	3.4	3.0	3.8	3.3	1.8	1.5	1.2	1.0
MISSISSIPPI .....	5.5	4.5	4.5	3.7	5.3	4.1	3.3	2.5	1.0	.7
Jackson .....	5.8	4.4	5.3	3.9	5.3	3.7	4.0	2.7	.5	.2
MISSOURI .....	4.8	4.2	3.7	3.1	3.8	3.3	2.2	1.7	.8	.9
Kansas City .....	5.1	4.2	3.9	3.3	3.3	3.0	2.0	1.5	.5	.8
St. Louis .....	4.5	3.8	3.5	3.0	3.3	3.0	1.8	1.5	.6	.7
MONTANA <sup>4</sup> .....	3.8	3.4	3.0	2.7	3.9	3.2	2.1	1.7	.7	.6
NEBRASKA .....	4.4	4.3	3.5	3.4	3.9	3.5	2.4	1.4	.9	1.4
NEVADA .....	6.3	4.7	4.5	3.5	4.0	4.1	2.1	1.7	1.3	1.7
NEW HAMPSHIRE .....	5.1	4.7	4.2	4.0	4.9	4.3	3.5	2.9	.5	.6
NEW JERSEY:										
Jersey City .....	3.7	3.3	2.6	2.1	3.5	3.4	1.2	1.0	1.5	1.7
Newark .....	3.8	3.8	3.0	2.6	3.2	2.9	1.5	1.4	.9	.8
Paterson-Clifton-Passaic .....	3.8	3.9	3.0	2.9	4.4	3.0	1.7	1.4	1.7	.7
Perth Amboy .....	3.0	2.5	2.4	2.0	3.0	2.1	1.2	1.0	1.1	.5
Trenton .....	3.5	3.1	2.4	2.4	3.0	2.8	1.4	1.1	.9	1.0
NEW MEXICO .....	5.1	4.3	3.7	2.8	3.4	4.0	1.9	2.0	.4	1.1
Albuquerque .....	4.4	2.5	3.4	2.0	2.8	2.9	1.7	1.7	.4	.4
NEW YORK .....	4.4	4.6	3.3	3.0	3.9	3.2	1.7	1.4	1.4	1.1
Albany-Schenecrady-Troy .....	4.0	3.3	2.6	1.9	2.9	2.6	1.3	.9	.6	.6
Binghamton .....	3.0	2.8	2.4	2.1	2.2	2.0	1.4	1.3	(7)	(7)
Buffalo .....	3.4	2.7	2.2	1.5	2.6	2.2	1.1	.9	.9	.8
Elmira .....	4.3	3.8	3.6	3.1	2.7	2.6	1.6	1.5	.2	.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	
	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966
<b>NEW YORK (continued)</b>										
Nassau and Suffolk Counties <sup>8</sup> .....	4.4	3.5	3.8	2.8	3.9	3.2	2.0	1.7	1.2	0.8
New York SMSA .....	4.7	5.6	3.6	3.4	4.3	3.6	1.6	1.5	1.8	1.3
New York City <sup>8</sup> .....	5.0	6.4	3.7	3.8	4.7	3.6	1.5	1.4	2.2	1.4
Rochester .....	3.6	3.3	3.0	2.8	3.2	2.6	1.7	1.4	1.0	.6
Syracuse .....	3.5	2.7	2.3	1.9	2.7	2.8	1.8	1.4	.3	.7
Utica-Rome .....	3.8	3.7	2.9	2.4	2.8	2.7	1.6	1.1	.5	1.0
Westchester County <sup>8</sup> .....	4.1	4.2	2.7	2.7	3.6	3.9	1.4	1.3	1.4	1.9
<b>NORTH CAROLINA</b>										
Charlotte .....	5.1	4.2	4.3	3.5	4.8	3.9	3.5	2.7	.6	.5
Greensboro-High Point .....	5.2	3.9	5.0	3.6	5.3	4.4	4.0	3.1	.5	.4
.....	4.5	4.3	3.7	3.7	4.2	4.1	3.2	3.0	.2	.3
<b>NORTH DAKOTA</b>										
Fargo-Moorhead .....	4.7	3.7	1.9	3.4	2.7	5.4	1.3	1.2	.8	3.4
.....	3.2	4.3	3.1	4.2	2.4	14.5	1.8	1.1	.1	12.9
<b>OHIO</b>										
Akron .....	3.9	3.4	2.9	2.4	3.0	2.7	1.6	1.3	.7	.7
Canton .....	2.8	2.1	2.0	1.6	2.1	2.0	1.0	.8	.4	.6
Cincinnati .....	3.9	4.1	2.6	2.8	2.9	2.6	1.6	1.3	.3	.5
Cleveland .....	3.3	3.5	2.8	2.6	2.5	2.3	1.4	1.2	.5	.6
Columbus .....	4.0	3.4	3.2	2.6	3.0	3.0	1.9	1.5	.4	.7
Dayton .....	4.0	3.6	3.4	2.8	3.6	2.6	1.7	1.2	1.1	.7
Toledo .....	3.4	3.0	2.7	2.4	2.9	2.5	1.6	1.4	.6	.4
Youngstown-Warren .....	3.4	3.3	2.6	2.3	3.4	3.3	1.7	1.2	.7	1.1
.....	5.3	4.8	1.9	1.5	2.8	2.3	1.0	.8	1.2	1.0
<b>OKLAHOMA <sup>9</sup></b>										
Oklahoma City .....	5.1	3.9	4.0	3.1	4.3	3.6	2.6	2.2	1.0	.8
Tulsa <sup>9</sup> .....	5.1	4.7	4.3	3.4	5.2	5.3	3.0	2.6	1.4	1.9
.....	4.5	3.9	3.9	3.6	3.9	3.3	3.3	2.3	.1	.2
<b>OREGON <sup>1</sup></b>										
Portland <sup>1</sup> .....	6.5	5.4	5.6	4.4	5.6	5.3	3.4	2.5	1.3	2.0
.....	6.0	5.4	5.2	4.4	5.1	5.4	2.9	2.4	1.3	2.2
<b>PENNSYLVANIA</b>										
Allentown-Bethlehem-Easton .....	3.8	3.7	2.7	2.3	3.0	2.7	1.6	1.3	.8	.8
Altoona .....	3.5	3.9	2.6	2.7	2.7	2.8	1.6	1.4	.4	.8
Erie .....	4.6	5.5	3.7	3.9	3.1	3.4	2.2	2.6	.6	.3
Harrisburg .....	4.2	3.7	2.9	2.8	2.8	3.3	1.5	1.5	.5	1.0
Johnstown .....	3.1	3.5	2.3	2.1	3.5	2.5	1.9	1.3	.8	.7
Lancaster .....	4.2	3.0	2.6	.9	2.1	2.8	.9	.8	.5	1.3
Philadelphia .....	4.2	3.5	3.7	2.9	2.9	2.8	2.3	2.0	.2	.3
Pittsburgh .....	3.8	3.5	2.9	2.5	3.0	2.8	1.6	1.3	.7	.8
Reading .....	2.9	3.0	1.6	1.1	1.8	1.7	.6	.6	.6	.5
Scranton .....	3.8	4.0	3.0	2.6	3.9	3.1	2.1	1.9	1.2	.5
Wilkes-Barre-Hazleton .....	3.8	3.9	2.4	1.9	3.7	3.0	1.6	1.4	1.5	1.1
York .....	4.9	5.4	3.7	2.7	3.5	4.4	2.2	1.8	.7	1.2
.....	4.6	4.1	3.6	3.5	5.6	4.1	3.1	2.4	1.9	1.1
<b>RHODE ISLAND</b>										
Providence-Pawtucket-Warwick .....	6.2	4.5	4.7	3.2	5.3	4.1	3.5	2.4	.9	1.0
.....	6.1	5.3	4.7	4.1	5.2	4.9	3.5	3.0	.8	1.2
<b>SOUTH CAROLINA <sup>10</sup></b>										
Charleston .....	5.3	4.8	4.6	4.0	4.7	4.0	3.4	3.0	.4	.2
Greenville .....	6.2	5.7	4.6	4.1	6.7	5.0	3.2	2.9	2.5	1.5
.....	5.8	4.9	5.2	4.5	5.1	4.4	4.1	3.5	.1	.1
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	6.3	4.7	2.9	2.2	5.4	5.8	1.6	1.9	3.2	2.8
.....	9.2	5.3	3.6	1.7	7.6	5.9	1.3	1.0	6.3	4.6
<b>TENNESSEE <sup>10</sup></b>										
Chattanooga <sup>6</sup> .....	4.4	3.8	3.5	3.0	3.7	3.0	2.4	1.8	.6	.6
Knoxville .....	4.8	3.4	4.2	3.0	3.6	3.4	2.7	2.0	.1	.6
Memphis .....	3.5	1.9	2.8	1.5	2.3	1.3	1.7	1.0	.2	.1
Nashville .....	6.4	5.9	5.5	5.1	4.7	4.3	2.9	2.3	.8	1.1
.....	4.7	4.0	4.3	3.4	3.4	3.0	2.5	2.1	.3	.4
<b>TEXAS <sup>11</sup></b>										
Dallas <sup>11</sup> .....	4.5	4.0	3.7	3.3	3.8	3.4	2.4	2.1	.6	.6
Fort Worth <sup>11</sup> .....	4.7	4.8	4.3	4.2	3.8	3.5	2.6	2.4	.4	.3
Houston <sup>11</sup> .....	5.2	4.9	4.2	4.0	3.4	3.3	2.2	2.2	.7	.5
San Antonio <sup>11</sup> .....	3.2	2.9	2.8	2.6	2.8	2.6	1.9	1.8	.2	.2
.....	2.5	2.6	2.1	2.3	2.2	2.4	1.3	1.5	.5	.4

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**

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966	Mar. 1966	Feb. 1966
UTAH <sup>4</sup>	4.1	3.6	2.5	2.6	3.4	2.9	2.0	1.6	1.0	0.7
Salt Lake City <sup>4</sup>	3.2	3.5	2.6	2.9	3.5	2.5	2.0	1.6	1.0	.4
VERMONT	4.6	3.4	3.7	2.6	3.3	2.5	2.3	1.7	.3	.3
Burlington	4.9	4.8	4.6	4.2	2.7	2.7	1.9	2.0	.2	.2
Springfield	2.6	1.7	2.5	1.4	1.8	1.5	1.4	1.1	(7)	.1
VIRGINIA	4.5	3.6	3.7	2.8	3.6	3.3	2.4	1.8	.5	.8
Norfolk-Portsmouth	7.1	3.4	5.2	2.4	3.7	2.8	2.0	1.5	.7	1.0
Richmond	3.6	3.6	3.1	3.3	3.8	3.4	2.3	2.0	.7	.7
Roanoke	3.6	3.1	3.1	2.6	3.0	2.7	2.1	1.5	.2	.5
WASHINGTON <sup>12</sup>	7.4	6.1	5.9	4.8	5.4	4.0	3.1	2.3	1.5	.9
Seattle-Everett <sup>12</sup>	8.1	7.1	6.7	5.7	4.5	3.7	3.0	2.3	.7	.6
Spokane <sup>12</sup>	6.4	4.1	4.2	2.7	5.6	3.5	3.3	1.2	1.4	1.6
Tacoma <sup>12</sup>	7.0	5.2	5.6	3.7	6.4	5.3	4.1	2.5	1.6	2.1
WEST VIRGINIA	3.5	3.1	2.2	1.7	2.5	2.6	1.2	.8	.7	1.2
Charleston	2.8	1.6	2.3	1.2	1.3	1.0	.8	.5	.3	.3
Huntington-Ashland	4.3	2.4	2.6	1.6	2.2	1.8	1.2	.8	.5	.7
Wheeling	2.8	3.8	1.1	1.4	2.9	4.0	.9	1.0	1.7	2.4
WISCONSIN	6.6	3.6	3.1	2.8	3.5	5.9	2.0	1.7	.6	3.4
Green Bay	2.1	2.1	1.8	1.9	1.7	2.2	.9	.9	.4	.8
Kenosha	47.3	2.8	1.3	1.0	5.0	49.2	1.6	.9	2.8	47.8
La Crosse	3.9	4.0	2.4	2.4	3.6	4.8	1.2	1.9	1.5	1.8
Madison	4.1	3.6	2.6	2.1	3.0	4.4	1.8	1.7	.6	2.1
Milwaukee	6.1	3.7	3.3	3.0	3.4	5.4	2.0	1.7	.4	2.7
Racine	3.9	3.8	3.3	2.8	3.6	3.6	1.9	1.9	.6	.8
WYOMING <sup>4</sup>	6.4	6.3	5.6	2.9	5.1	3.5	2.7	1.9	1.5	1.1

- <sup>1</sup> Excludes canning and preserving.
  - <sup>2</sup> Excludes agricultural chemicals and miscellaneous manufacturing.
  - <sup>3</sup> Excludes canned fruits, vegetables, preserves, jams, and jellies.
  - <sup>4</sup> Excludes canning and preserving, and sugar.
  - <sup>5</sup> Excludes canning and preserving, and newspapers.
  - <sup>6</sup> Excludes printing and publishing.
  - <sup>7</sup> Less than 0.05.
  - <sup>8</sup> Subarea of New York Standard Metropolitan Statistical Area.
  - <sup>9</sup> Excludes new-hire rate for transportation equipment.
  - <sup>10</sup> Excludes tobacco stemming and redrying.
  - <sup>11</sup> Excludes canning and preserving, sugar, and tobacco.
  - <sup>12</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)		
	May 1966	April 1966	May 1965	Change to May 1966 from <sup>1</sup>		May 1966	April 1966	May 1965
				April 1966	May 1965			
<b>TOTAL<sup>2</sup></b> .....	8 81.7	1 067.1	1 208.9	-1 85.4	-3 27.2	2.0	2.4	2.8
<b>SEASONALLY ADJUSTED</b> .....	9 66.1	9 85.0	1 318.5	-1 9.0	-3 52.5	2.1	2.2	3.0
Alabama .....	11.1	13.0	13.0	-1.9	-1.9	1.8	2.1	2.3
Alaska .....	3.7	5.5	2.9	-1.9	.7	9.2	14.0	8.3
Arizona .....	5.9	6.8	10.5	-.9	-4.6	2.1	2.4	3.8
Arkansas .....	8.8	10.3	11.7	-1.5	-2.9	2.6	3.1	3.7
California* .....	1 74.0	1 88.4	2 38.7	-1 4.4	-6 4.7	3.9	4.3	5.5
Colorado .....	3.9	5.0	5.8	-1.0	-1.9	1.0	1.3	1.5
Connecticut .....	11.5	13.9	18.4	-2.5	-6.9	1.4	1.7	2.3
Delaware .....	1.4	3.0	1.9	-1.7	-.5	.9	2.1	1.4
District of Columbia .....	3.4	3.6	4.4	-.2	-1.0	1.1	1.1	1.4
Florida .....	14.6	13.9	19.3	.7	-4.6	1.3	1.3	1.9
Georgia .....	10.8	9.7	15.0	1.1	-4.2	1.2	1.1	1.8
Hawaii .....	3.3	3.5	4.4	-1	-1.1	1.8	1.9	2.5
Idaho .....	2.3	4.1	3.9	-1.8	-1.6	1.7	3.1	3.1
Illinois .....	34.5	41.0	48.9	-6.4	-14.4	1.2	1.4	1.8
Indiana .....	10.4	13.6	14.3	-3.3	-3.9	.8	1.1	1.2
Iowa .....	3.5	5.4	5.6	-1.9	-2.1	.7	1.1	1.2
Kansas .....	3.9	5.3	6.6	-1.4	-2.7	1.0	1.4	1.8
Kentucky .....	10.7	13.6	15.9	-2.9	-5.2	2.1	2.7	3.3
Louisiana .....	14.5	16.5	18.8	-2.0	-4.3	2.3	2.7	3.2
Maine .....	5.9	6.0	6.6	-.1	-.7	2.9	3.0	3.4
Maryland .....	9.6	11.9	16.5	-2.4	-6.9	1.2	1.5	2.2
Massachusetts .....	39.6	48.1	54.1	-8.5	-14.5	2.5	3.1	3.5
Michigan .....	24.8	32.7	23.8	-7.8	-1.0	1.2	1.6	1.3
Minnesota .....	14.2	23.3	20.3	-9.0	-6.0	1.8	3.0	2.7
Mississippi .....	5.3	6.2	7.0	-.8	-1.6	1.7	1.9	2.3
Missouri .....	17.2	22.9	20.9	-5.7	-3.7	1.7	2.2	2.1
Montana .....	2.6	4.6	3.5	-2.0	-.8	2.3	4.0	3.1
Nebraska .....	2.2	3.5	4.2	-1.3	-2.0	.9	1.4	1.7
Nevada .....	4.6	5.5	5.1	-.9	-.5	3.7	4.4	4.3
New Hampshire .....	1.1	2.0	3.5	-.9	-2.3	.7	1.2	2.2
New Jersey .....	49.0	61.1	61.7	-1 2.1	-1 2.7	2.9	3.6	3.8
New Mexico .....	3.8	5.1	4.9	-1.3	-1.2	2.2	3.0	2.9
New York .....	1 50.1	1 78.9	1 96.5	-2 8.8	-4 6.5	2.9	3.4	3.8
North Carolina .....	18.1	19.8	24.2	-1.7	-6.0	1.7	1.8	2.4
North Dakota .....	2.2	4.2	2.3	-2.0	-.1	2.9	5.4	3.1
Ohio .....	22.0	30.1	34.4	-8.1	-1 2.4	.9	1.2	1.4
Oklahoma .....	9.8	11.1	13.4	-1.4	-3.6	2.4	2.7	3.4
Oregon .....	10.6	14.8	14.3	-4.1	-3.7	2.3	3.2	3.2
Pennsylvania .....	46.3	60.0	76.3	-13.7	-30.0	1.5	2.0	2.6
Puerto Rico <sup>2</sup> .....	16.5	18.1	16.8	-1.6	-.3	5.6	6.1	6.0
Rhode Island .....	4.9	6.1	6.8	-1.2	-1.9	1.9	2.4	2.8
South Carolina .....	6.6	7.5	9.3	-.9	-2.7	1.3	1.5	2.0
South Dakota .....	.8	1.7	1.3	-.8	-.4	1.0	2.1	1.6
Tennessee .....	12.7	16.2	18.9	-3.5	-6.2	1.6	2.1	2.6
Texas .....	23.7	26.8	38.8	-3.1	-15.1	1.2	1.3	2.0
Utah .....	3.9	5.4	6.5	-1.4	-2.5	2.0	2.7	3.2
Vermont .....	1.7	2.3	2.3	-.6	-.6	2.1	2.8	3.0
Virginia .....	5.6	6.9	7.8	-1.3	-2.2	.7	.8	1.0
Washington .....	14.6	20.3	21.9	-5.6	-7.2	2.3	3.1	3.5
West Virginia .....	7.7	9.2	9.6	-1.5	-1.9	2.3	2.7	3.0
Wisconsin .....	10.3	16.9	14.1	-6.6	-3.8	1.0	1.7	1.5
Wyoming .....	1.1	1.8	1.6	-.7	-.5	1.7	2.7	2.4

<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	May 1966	April 1966	State and area	May 1966	April 1966	State and area	May 1966	April 1966	State and area	May 1966	April 1966
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--</b>		
Birmingham.....	2.7	3.2	Evansville.....	.7	.8	Manchester.....	.2	.4	continued		
Mobile.....	1.3	1.3	Ft. Wayne.....	.3	.4				York.....	1.2	1.3
			Gary-Hammond..	1.4	1.7						
			Indianapolis....	1.5	2.0	<b>NEW JERSEY</b>			<b>PUERTO RICO*</b>		
<b>ARIZONA</b>			South Bend.....	.5	.6	Atlantic City....	1.7	2.3	Mayaguez.....	.6	.9
Phoenix.....	3.4	3.6	Terre Haute....	.7	.8	Jersey City.....	6.8	8.4	Ponce.....	1.3	1.5
						Newark.....	1.4	1.7	San Juan.....	3.7	4.0
						New Brunswick..	3.9	5.3			
<b>ARKANSAS</b>			<b>IOWA</b>			Paterson.....	1.1	1.3			
Little Rock.....	.4	.4	Cedar Rapids....	1	.2	Trenton.....	1.9	2.2			
			Des Moines.....	.3	.4				<b>RHODE ISLAND</b>		
									Providence.....	5.5	6.6
			<b>KANSAS</b>			<b>NEW MEXICO</b>					
<b>CALIFORNIA*</b>			Wichita.....	.8	1.0	Albuquerque....	1.3	1.7			
Fresno.....	5.6	6.2							<b>SOUTH CAROLINA</b>		
Los Angeles....	67.8	71.1	<b>KENTUCKY</b>			<b>NEW YORK</b>			Charleston.....	.5	.6
Sacramento.....	7.5	7.9	Louisville.....	2.0	2.8	Albany.....	2.5	3.2	Greenville.....	.7	.7
San Bernardino..	9.6	9.9				Binghamton....	.9	1.5			
San Diego.....	9.3	9.8	<b>LOUISIANA</b>			Buffalo.....	7.0	9.3			
San Francisco...	27.3	29.8	Baton Rouge....	1.0	1.4	New York.....	12.1	13.6			
San Jose.....	9.0	8.8	New Orleans....	3.1	3.6	Rochester.....	3.6	4.6	<b>TENNESSEE</b>		
Stockton.....	3.5	3.6	Shreveport.....	1.0	1.0	Syracuse.....	2.3	3.0	Chattanooga....	.9	1.0
						Utica.....	2.3	3.3	Knoxville.....	1.1	1.3
<b>COLORADO</b>			<b>MAINE</b>						Memphis.....	2.3	2.7
Denver.....	2.1	2.6	Portland.....	.8	.9	<b>NORTH CAROLINA</b>			Nashville.....	1.5	1.7
						Asheville.....	.4	.5			
			<b>MARYLAND</b>			Charlotte.....	.6	.7	<b>TEXAS</b>		
<b>CONNECTICUT</b>			Baltimore.....	5.7	6.6	Durham.....	.8	.7	Austin.....	.4	.4
Bridgeport.....	1.9	2.2				Greensboro....	.7	1.0	Beaumont.....	1.0	1.2
Hartford.....	2.2	2.5	<b>MASSACHUSETTS</b>			Winston-Salem..	1.3	1.4	Corpus Christi..	.8	.9
New Britain.....	.5	.7	Boston.....	18.7	21.7				Dallas.....	2.4	2.9
New Haven.....	1.9	2.4	Brockton.....	1.0	1.2	<b>OHIO</b>			El Paso.....	1.3	1.5
Stamford.....	.5	.6	Fall River.....	1.5	2.1	Akron.....	1.3	1.8	Ft. Worth.....	1.3	1.3
Waterbury.....	1.2	1.6	Lawrence.....	2.3	2.8	Canton.....	.8	1.1	Houston.....	3.1	3.6
			Lowell.....	1.8	2.2	Cincinnati.....	3.1	4.6	San Antonio.....	1.4	1.8
<b>DELAWARE</b>			New Bedford....	1.8	2.1	Cleveland.....	4.0	5.5			
Wilmington.....	1.2	2.7	Springfield....	3.9	4.5	Columbus.....	1.9	2.0	<b>UTAH</b>		
			Worcester.....	2.5	2.9	Dayton.....	1.3	1.4	Salt Lake City..	2.1	2.6
						Hamilton.....	.6	.6			
<b>DIST. OF COL.</b>			<b>MICHIGAN</b>			Lorain.....	.3	.5	<b>VIRGINIA</b>		
Washington.....	4.7	5.0	Battle Creek....	.4	.5	Staubenville...	.7	.9	Hampton.....	.5	.7
			Detroit.....	11.1	13.4	Toledo.....	1.6	1.8	Norfolk.....	.8	1.0
			Flint.....	1.1	1.0	Youngstown....	1.4	2.4	Richmond.....	.5	.4
<b>FLORIDA</b>			Grand Rapids...	1.7	2.0				Roanoke.....	.3	.4
Jacksonville....	.6	.6	Kalamazoo.....	.5	.6	<b>OKLAHOMA</b>					
Miami.....	4.6	3.9	Lansing.....	.4	.5	Oklahoma City..	1.9	2.2	<b>WASHINGTON</b>		
Tampa.....	2.3	2.5	Muskegon.....	.5	.6	Tulsa.....	1.3	1.8	Seattle.....	5.0	5.9
			Saginaw.....	.4	.3				Spokane.....	1.2	1.9
						<b>OREGON</b>			Tacoma.....	1.4	1.8
<b>GEORGIA</b>			<b>MINNESOTA</b>			Portland.....	3.6	4.6			
Atlanta.....	2.0	2.3	Duluth.....	.9	1.3				<b>WEST VIRGINIA</b>		
Augusta.....	.4	.4	Minneapolis....	3.9	5.7	<b>PENNSYLVANIA</b>			Charleston.....	.8	1.2
Columbus.....	.4	.5				Allentown.....	1.2	1.4	Huntington.....	1.0	1.3
Macon.....	.3	.3	<b>MISSISSIPPI</b>			Altoona.....	.7	.9	Wheeling.....	1.3	1.7
Savannah.....	.7	.5	Jackson.....	.4	.4	Erie.....	1.1	1.5			
						Harrisburg....	1.1	1.6	<b>WISCONSIN</b>		
<b>HAWAII</b>			<b>MISSOURI</b>			Johnstown.....	1.8	2.2	Kenosha.....	.9	1.1
Honolulu.....	2.4	2.3	Kansas City....	4.1	5.4	Lancaster.....	.4	.4	Madison.....	2.2	3.5
			St. Louis.....	8.9	10.9	Philadelphia...	19.1	23.0	Milwaukee.....	2.6	3.5
						Pittsburgh.....	8.4	11.0	Racine.....	.8	.9
<b>ILLINOIS</b>			<b>NEBRASKA</b>			Reading.....	1.0	1.2			
Chicago.....	21.1	23.4	Omaha.....	1.2	2.0	Scranton.....	2.2	3.5			
Davenport.....	.7	.9				Wilkes-Barre...	3.1	4.4			
Peoria.....	.9	1.1									
Rockford.....	.5	.5									

<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.

# Technical Note

# 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 non-interview 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

(In thousands)		
Employment status and sex	Average standard error of--	
	Monthly level	Month-to-month change (consecutive months only)
<b>BOTH SEXES</b>		
Labor force and total employment.....	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

(In thousands)

Size of estimate	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
10 .....	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 most nearly coincides with the *standard survey reference week* (the calendar week, Sunday through Saturday, 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 for all except 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. For Federal Government, hours and earnings relate to all employees who worked or received pay during the pay period which includes the 12th of the month. 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, 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 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 marital status, family composition, or total family income.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. The resulting level of earnings expressed in 1957-59 dollars is thus adjusted for changes in purchasing power since the base period.

#### 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 1964 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 current volume in this series is *Employment and Earnings Statistics for the United States, 1909-65*, Bulletin 1312-3 (Dec. 1965), and contains monthly statistics from the earliest date of availability through August 1965.

## 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 program, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail. 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 1964<sup>1</sup>

Industry division	Employees	
	Number reported	Percent of total
Mining . . . . .	287,000	47
Contract construction . . . . .	596,000	22
Manufacturing . . . . .	10,975,000	65
Transportation and public utilities:		
Railroad transportation (ICC)	729,000	97
Other transportation and public utilities . . . . .	1,738,000	55
Wholesale and retail trade . . . . .	2,293,000	19
Finance, insurance and real estate . . . . .	922,000	32
Service and miscellaneous . . . . .	1,522,000	18
Government:		
Federal (Civil Service Commission) <sup>2</sup> . . . . .	2,323,000	100
State and local . . . . .	3,367,000	46

<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 1964

Industry	Employees	
	Number reported	Percent of total
Manufacturing . . . . .	10,029,700	59
Metal mining . . . . .	63,200	80
Coal mining . . . . .	59,100	40
Communication:		
Telephone . . . . .	587,800	85
Telegraph . . . . .	22,600	69

#### Reliability of the Employment Estimate

One measure of the reliability of an employment estimate projected from a benchmark is the amount by which it differs from the new benchmark at the next adjustment period. The BLS uses this criterion rather than the standard error of the estimates. An approximation of the accuracy of the BLS employment estimates is shown by the following table:

Nonagricultural payroll employment estimates, by industry division, as a percentage of the benchmark for recent years

Industry division	1962	1963	1964
Total . . . . .	99.3	101.0	100.0
Mining . . . . .	99.2	100.3	100.0
Contract construction . . . . .	93.9	101.5	101.5
Manufacturing . . . . .	99.4	100.1	100.2
Transportation and public utilities . . . . .	100.4	100.0	100.4
Wholesale and retail trade . . . . .	100.1	100.6	100.4
Finance, insurance, and real estate . . . . .	99.9	99.8	99.4
Service and miscellaneous . . . . .	98.0	100.8	99.7
Government . . . . .	100.0	103.8	99.0

For some detailed industries, the relative size of the correction to benchmarks is somewhat greater than is indicated for the major industry divisions in the preceding table.

Differences between the benchmarks and the estimates, as well as the sampling and response errors, result from 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. At more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments; however, they become less important at broader aggregations of industries. Another cause of differences, generally minor, between the estimates and the benchmark arises from improvements in the quality of benchmark data. A detailed description of the latest adjustment, "BLS Establishment Estimates Revised to March 1964 Benchmark Levels" was published in the December 1965 issue of *Employment and Earnings*. Reprints of this article are available upon request to the Bureau.

For the most recent months, national estimates of employment, hours, and earnings are preliminary, and are so footnoted in the tables. These particular figures are based on less than the full sample and consequently are subject to revisions when all the reports in the sample have been received. Studies of these revisions of preliminary estimates in the past indicate that they have been relatively small (and most frequently upward) for employment, and even smaller for hours and earnings.

#### STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings 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.

Users of State and area employment, hours, and earnings statistics may be interested in *Employment and Earnings Statistics for States and Areas, 1939-64*, BLS Bulletin 1370-2. 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 through 1964.

## 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* (1964), 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 December 1965 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

For each of the three major labor force components--agricultural and nonagricultural employment, and unemployment--data for four age-sex groups (male and female workers under age 20, and age 20 and over) are separately adjusted for seasonal variation and are then added to give seasonally adjusted total figures. In order to produce seasonally adjusted total employment and civilian labor force data, the appropriate series are aggregated. The seasonally adjusted rate of unemployment is derived by dividing the seasonally adjusted figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the seasonally adjusted civilian labor force (the sum of twelve seasonally adjusted age-sex components).

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 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.

# UNITED STATES DEPARTMENT OF LABOR

## Bureau of Labor Statistics

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### COOPERATING STATE AGENCIES

#### *Employment and Labor Turnover Statistics Programs*

ALABAMA	-Department of Industrial Relations, Montgomery 36104
ALASKA	-Employment Security Division, Department of Labor, Juneau 99801
ARIZONA	-Unemployment Compensation Division, Employment Security Commission, Phoenix 85005
ARKANSAS	-Employment Security Division, Department of Labor, Little Rock 72203
CALIFORNIA	-Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 94102 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
COLORADO	-Department of Employment, Denver 80203
CONNECTICUT	-Employment Security Division, Department of Labor, Hartford 06115
DELAWARE	-Employment Security Commission, Wilmington 19801
DISTRICT OF COLUMBIA	-U. S. Employment Service for D. C., Washington 20212
FLORIDA	-Industrial Commission, Tallahassee 32304
GEORGIA	-Employment Security Agency, Department of Labor, Atlanta 30303
HAWAII	-Department of Labor and Industrial Relations, Honolulu 96813
IDAHO	-Department of Employment, Boise 83701
ILLINOIS	-Division of Research and Statistics, Department of Labor, Chicago 60606
INDIANA	-Employment Security Division, Indianapolis 46204
IOWA	-Employment Security Commission, Des Moines 50319
KANSAS	-Employment Security Division, Department of Labor, Topeka 66603
KENTUCKY	-Bureau of Employment Security, Department of Economic Security, Frankfort 40601
LOUISIANA	-Division of Employment Security, Department of Labor, Baton Rouge 70804
MAINE	-Employment Security Commission, Augusta 04330
MARYLAND	-Department of Employment Security, Baltimore 21201
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MICHIGAN	-Employment Security Commission, Detroit 48202
MINNESOTA	-Department of Employment Security, St. Paul 55101
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MISSOURI	-Division of Employment Security, Jefferson City 65102
MONTANA	-Unemployment Compensation Commission, Helena 59601
NEBRASKA	-Division of Employment, Department of Labor, Lincoln 68501
NEVADA	-Employment Security Department, Carson City 89701
NEW HAMPSHIRE	-Department of Employment Security, Concord 03301
NEW JERSEY	-Department of Labor and Industry: Bureau of Statistics and Records (Employment); Division of Employment Security (Turnover), Trenton 08625
NEW MEXICO	-Employment Security Commission, Albuquerque 87103
NEW YORK	-Research and Statistics Office, Division of Employment, State Department of Labor, State Campus Building 12, Albany 12201
NORTH CAROLINA	-Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
NORTH DAKOTA	-Unemployment Compensation Division, Workmen's Compensation Bureau, Bismarck 58502
OHIO	-Division of Research and Statistics, Bureau of Unemployment Compensation, Columbus 43216
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PENNSYLVANIA	-Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
RHODE ISLAND	-Division of Statistics and Census, Department of Labor, Providence 02903 (Employment). Department of Employment Security, Providence 02903 (Turnover).
SOUTH CAROLINA	-Employment Security Commission, Columbia 29202
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TEXAS	-Employment Commission, Austin 78701
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