



EMPLOYMENT and EARNINGS

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^{1/} Quarterly data included in February, May, August, and November issues.

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 after March 1963, the present benchmark date, are therefore subject to revision.

Beginning with December 1964 and subsequent issues of *Employment and Earnings*, data in tables B-1 through B-6, C-1 through C-7, and D-1 through D-4 are based on March 1963 benchmarks. Therefore, issues of *Employment and Earnings* prior to December 1964 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, 1909-64*, BLS Bulletin 1312-2, which may be purchased from the Superintendent of Documents for \$3.50. 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 1963 forward to a current date, as well as the prior historical statistics.

CURRENT DEVELOPMENTS IN FACTORY OVERTIME

By J. Ross Wetzel*

In March 1965, as the U. S. economy recorded its 49th consecutive month of expansion, the average overtime of factory production workers hit a new high of 3.8 hours on a seasonally adjusted basis.¹ Until late summer of 1964, this indicator had never before exceeded a seasonally adjusted level of 3.1 hours and over the entire period from 1956-63 had only averaged about 2-1/2 hours. The following analysis was undertaken to provide some perspective on the recent advance in factory overtime--its extent, its incidence among industries, and some of the reasons for it.

The article shows that the majority of the Nation's manufacturing industries are operating at very high average overtime levels; however, the largest portion of the recent overtime expansion can be traced to 5 hard goods industries--primary metals, fabricated metals, machinery, electrical equipment, and transportation equipment. In large part, record overtime levels in these industries reflect the sharp and sustained advance in economic activity. At the same time, pressures due to persistently high levels of demand for autos, other consumer durables, and manufacturers' capital equipment have been magnified by special circumstances in several industries. Although their precise influence cannot be quantified, the recent automobile strikes and the contract negotiations in the steel industry clearly influenced overtime levels in the first 3 months of 1965.

In addition to analyzing the foregoing points, the article covers overtime differences by industry; seasonal patterns of overtime; the relationship of overtime to the workweek, to production worker employment, to factory unemployment, and to turning points in the business cycle; and the role of overtime in factory production workers' earnings.

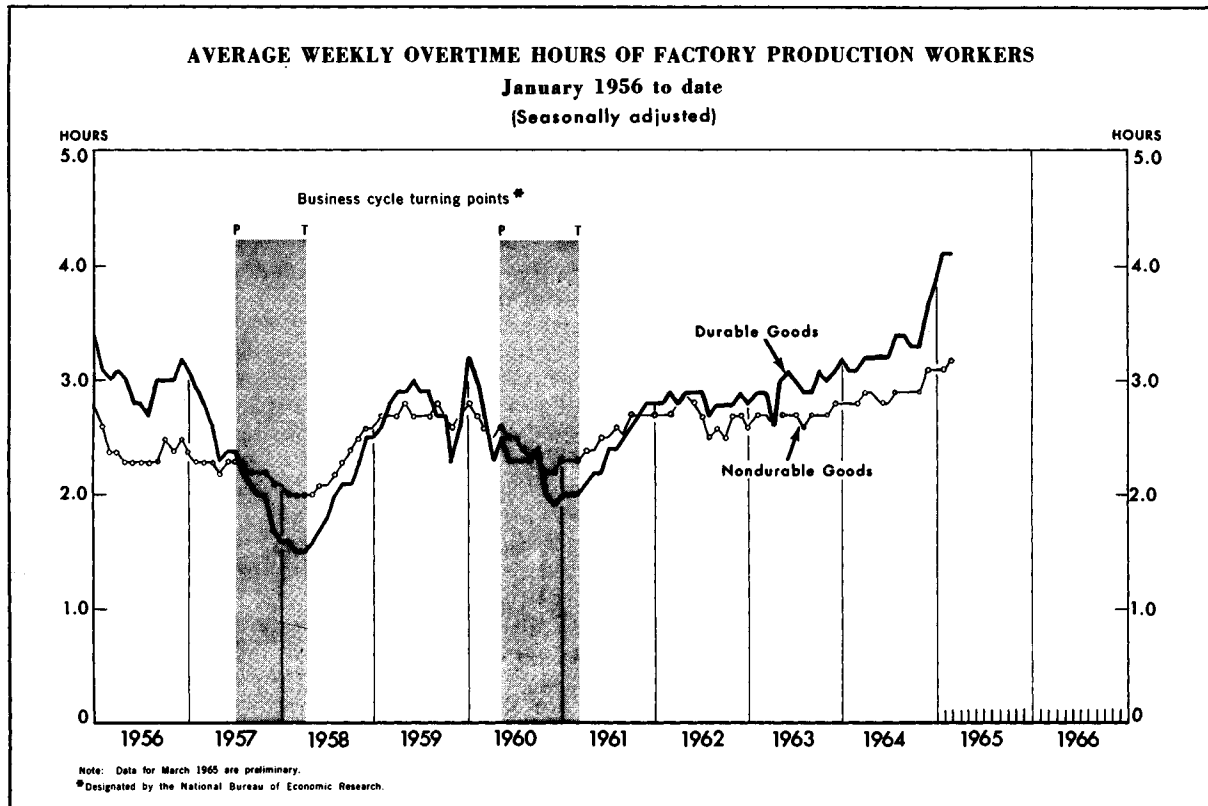
Recent Overtime Developments

The effect of the 1960-61 recession on factory overtime had almost disappeared by November 1961 (chart 1). From a high of 3.1 hours (seasonally adjusted) in January 1960, overtime plummeted to 2.0 hours in December and then rose steadily to a level of 2.8 hours in November 1961. Although the following 2-1/2 years brought some divergent movements among the individual manufacturing industries, the average overtime figure showed remarkable stability. In the first half of 1964, it remained at a comparatively high and stable level, averaging 3.0 hours. In August 1964, however, overtime began the unprecedented advance which carried it to a peak of 3.8 hours (seasonally adjusted) in March 1965. At that time, average overtime was up nearly 1 full hour from a year ago and at the highest March level ever recorded.

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¹ The overtime hours series, which is presented on a seasonally adjusted basis for the first time on page xv of this report, has been a part of the regularly published production workers' employment, hours, and earnings series since January 1956. For a short description of the derivation of overtime hours data, see Employment and Earnings, p. 7-E.

Chart 1.



As table 1 indicates, this uptrend brought manufacturing overtime to an average level of 3.4 hours in the first quarter of 1965, an increase of 0.7 hour from the comparable period in 1964.² In the durable goods industries, the level was 3.7 hours, a rise of 0.8 hour, while in the soft goods industries, overtime was up 0.3 hour to 2.9 hours. The overall manufacturing increase was unequally divided, with the durable goods industries accounting for nearly 80 percent of the increase in overtime.³ Most of the durable goods increase was concentrated in the 5 major metal and metal-using industries, where the sharpest rise was in transportation equipment (1-1/2 hours). There were gains of 1 hour each in primary metals and in fabricated metals and nearly three-fourths hour each in machinery and electrical equipment. In each of these instances, the overtime gain between 1964 and 1965 was accompanied by a significant increase in production worker employment.

In transportation equipment and primary metals, the current high overtime levels do not solely represent responses to the high level of economic activity but are partially the result of special circumstances. In transportation equipment, the automobile strike in October and November left inventories depleted in a year of

² Actual data were used here because seasonally adjusted data are not yet available by 2-digit industry group. On a seasonally adjusted basis, the 1965 level was 3.7 hours and the 1964 level was 3.0 hours.

³ Two forces are at work here: (1) the increase in the nondurable average was fairly small and (2) the nondurables account for somewhat less than half of all production workers; therefore, it takes a larger absolute overtime change to affect the overall manufacturing average.

exceptionally high sales. In primary metals, a sustained high level of demand has been supplemented to some extent by attempts to build up inventories. When these influences have worked themselves out, the level of overtime may drop back to a lower plane.⁴

Table 1. Employment and Average Weekly Overtime Hours of Factory Production Workers, First Quarter Averages, 1962-65

Industry	Employment (In thousands)				Average overtime hours <u>a/</u>			
	1965 ^{b/}	1964	1963	1962	1965 ^{b/}	1964	1963	1962
Manufacturing	13,023	12,487	12,284	12,239	3.4	2.7	2.5	2.6
Durable goods	7,473	7,055	6,876	6,814	3.7	2.9	2.6	2.6
Ordnance	100.7	112.8	116.6	115.7	2.2	1.7	2.4	2.0
Lumber	506.1	505.5	499.2	493.8	3.3	3.1	2.9	2.7
Furniture	343.2	323.8	317.4	312.2	3.3	2.7	2.5	2.5
Stone, clay and glass products.	477.0	466.6	448.7	449.4	3.4	3.2	2.9	2.7
Primary metals . Fabricated	1,045.2	961.7	918.8	980.1	3.8	2.8	2.4	2.6
metals	950.9	894.0	855.0	846.2	3.8	2.9	2.6	2.6
Machinery	1,176.1	1,095.4	1,052.4	1,016.0	4.4	3.7	3.0	3.1
Electrical equip- ment	1,093.8	1,019.3	1,039.9	1,031.8	2.5	1.9	1.9	2.1
Transportation equipment	1,227.0	1,148.1	1,108.5	1,048.6	4.9	3.3	3.2	2.8
Instruments and related products	238.3	231.5	228.7	227.4	2.7	2.1	2.2	2.3
Miscellaneous manufacturing .	314.3	296.4	290.9	293.1	2.5	2.1	2.1	2.2
Nondurable goods .	5,550	5,432	5,408	5,425	2.9	2.6	2.5	2.5
Food	1,065.9	1,072.9	1,089.2	1,093.7	3.4	3.2	3.1	3.0
Tobacco	69.6	72.3	72.6	74.8	1.1	1.1	.7	.7
Textiles	811.4	792.9	790.3	809.2	4.0	3.3	3.0	3.3
Apparel	1,195.3	1,146.3	1,127.6	1,111.8	1.4	1.2	1.2	1.2
Paper	490.9	484.0	481.3	477.8	4.7	4.3	4.2	4.2
Printing	610.9	595.0	578.1	590.9	2.9	2.6	2.5	2.6
Chemicals	533.9	523.3	518.7	512.8	2.8	2.5	2.4	2.5
Petroleum	110.4	115.4	117.9	126.5	2.1	2.0	1.8	1.9
Rubber	346.1	323.0	321.7	306.8	3.9	2.7	2.9	2.9
Leather	315.9	306.5	310.8	320.6	1.8	1.6	1.3	1.6

a/ Unweighted averages.

b/ Preliminary.

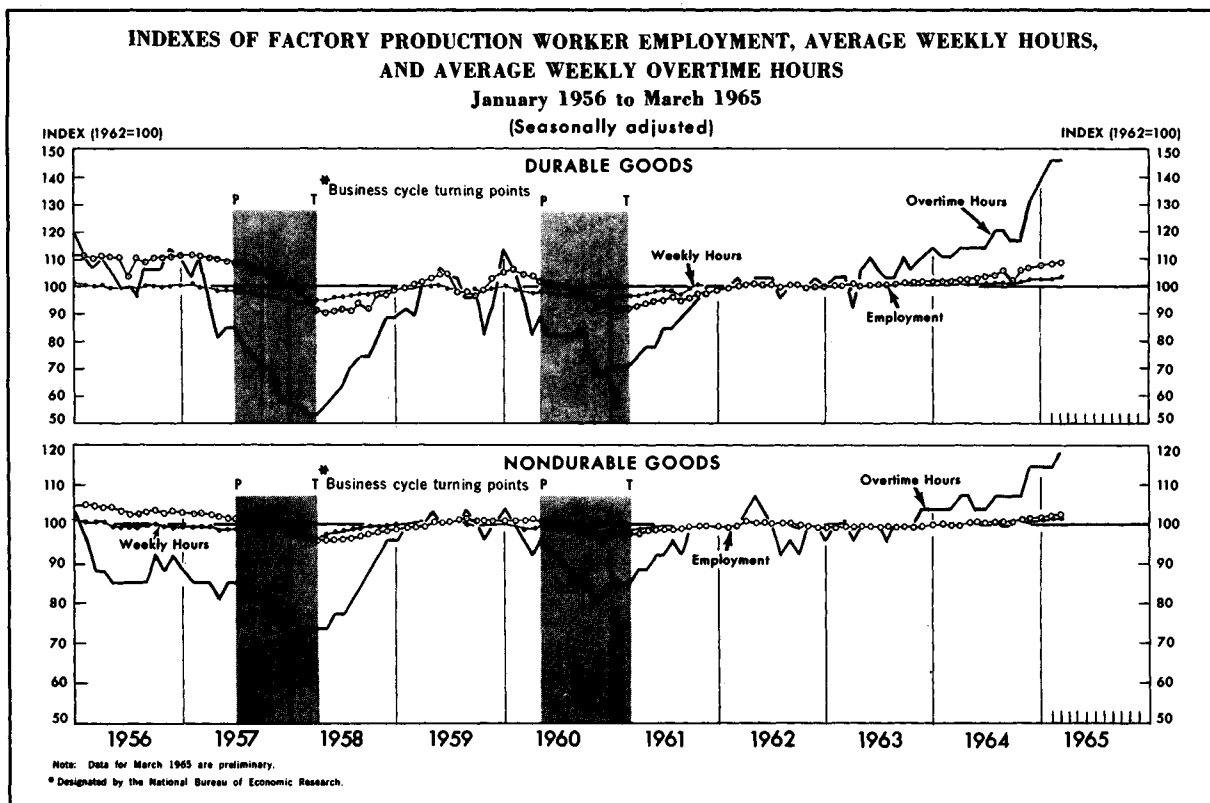
⁴ Obviously the high overtime levels in these 2 industries are attributable to the improved economic situation as well as to the special circumstances mentioned. The total effect of increased overtime in these two industries accounted for 0.2 hour of the 0.7 hour increase between the first quarter of 1964 and the first quarter of 1965.

The overtime expansion in the nondurable sector was the result of widespread gains rather than sharp advances in any one large industry or group of industries. Rubber, the soft goods industry which showed the largest 1964-65 increase, was responding to the record demand for automobile tires. In this industry, as in the durable goods industries discussed above, the sharp advance in overtime was accompanied by significant production worker employment gains.

The recent upturn in overtime can be explained in terms of four major hypotheses. First, it could represent a normal adjustment to the Nation's vigorous economic expansion. If this were the case, the overtime (and weekly hours) rise would be accompanied by a sharp employment increase. Second, if employment bottlenecks were developing, overtime (and weekly hours) would increase at a rapid pace while the employment expansion would tend to slow down or come to a halt. Third, overtime could change sharply as a result of special circumstances in particular industries which are neither cyclical nor secular, such as a major strike. Finally, the expansion might reflect a secular change in the importance of overtime in the Nation's overall productive effort.

The third possibility--of unusual developments in a few industries affecting the overall average--was noted in the introductory comments in this section. While special circumstances in steel and autos probably accounted for part of the high first quarter average, increases in the remaining industries suggest that other forces moved the overtime figure up. Since the first two possibilities call for an examination of employment as well as hours, seasonally adjusted indexes (1962=100) of average weekly hours and production worker employment in durable goods and nondurable goods manufacturing industries are plotted on chart 2. The chart reveals several interesting aspects of the current economic expansion. First, the indexes of weekly hours and production worker employment reflect a dramatic increase in weekly man-hour inputs since 1962 (table 2). The rate of increase in man-hour inputs apparently

Chart 2.



speeded up in August 1964 and, thus far, has shown no tendency to slow down. Second, most of the man-hour increase was concentrated in the durable goods sector. Third, the man-hour increase was realized in a somewhat different form in durables than in nondurables. In the hard goods industries, increasing employment clearly played a more significant role than it did in the soft goods industries. Finally, hours of work played a much smaller role in the current expansion than employment did.

In terms of index numbers, a 1-point change in either employment or weekly hours provides exactly the same number of additional man-hours. In the durable goods sector, where most of the recent upsurge in man-hours occurred, the 1962-to-March 1965 aggregate weekly man-hour increase amounted to 38.5 million hours. About 73 percent of this increase was due to the employment advance and 25 percent to a lengthened workweek (see table 2). Over one-half of the 1962 to March 1965 man-hour

Table 2. Changes in Factory Man-hours, Selected Periods

	Man-hours (millions)	Percent distribution	Index points
Durable goods			
Increase from 1962 to March 1965	38.5	100.0	13.5
Employment effect	27.8 <u>a/</u>	72.6	9.8
Hours effect	9.6 <u>b/</u>	25.2	3.4
Combined effect .....	.9 <u>c/</u>	2.2	.3
Increase from August 1964 to March 1965			
Employment effect	13.9 <u>a/</u>	71.0	4.9
Hours effect	5.4 <u>b/</u>	27.5	1.9
Combined effect .....	.3 <u>c/</u>	1.4	.1
Nondurable goods			
Increase from 1962 to March 1965	8.7	100.0	3.9
Employment effect	5.3	61.0	2.4
Hours effect	3.3	38.1	1.5
Combined effect .....	.1	.9	--
Increase from August 1964 to March 1965			
Employment effect	7.3	100.0	3.3
Hours effect	4.6	63.2	2.1
Combined effect	2.6	36.1	1.2
Combined effect .....	.1	.7	--

NOTE: In computing differences which involve a single month seasonally adjusted data were utilized.

a/ Magnitude of total man-hours increase if weekly hours had been unchanged between base period and March 1965.

b/ Magnitude of man-hours increase if production worker employment had been unchanged between base period and March 1965.

c/ Residual which equals increase in hours times increase in employment.

increase took place between August 1964 and March 1965. There was no significant change in the relative contribution of hours and employment during the latest phase of the pickup. The accelerated increases in both employment and hours appear to indicate the absence of an overall shortage of factory labor.

Since the basic concern of this article is overtime hours, an index of average overtime was prepared and is shown in chart 2. Its base is relatively small, consequently, any change in overtime is magnified when compared to the indexes of weekly hours or production worker employment. In effect, overtime is that portion of the workweek which is most sensitive to immediate changes in the demand for factory labor. This characteristic provides the overtime hours figure with special significance for economic analysis. This significance is enhanced by the fact that overtime hours represent "realized" demand for factory labor at higher than average wage rates. As chart 2 indicates, the overtime figure clearly moves average weekly hours, as the demand for factory labor changes.

It has been shown that average factory overtime moved up sharply between the first quarter of 1964 and the first quarter of 1965. This overall advance was attributable to increases in practically all of the manufacturing industries. In industries where there were particularly sharp increases in overtime, there were also pronounced gains in production worker employment. The sharper increase in the demand for factory labor first became evident in August of 1964 and had not abated by March 1965. During that period, increasing demand was met by steady increases in both employment and hours. Moreover, the relative contribution of hours and employment to the change in gross man-hours were not significantly different in the August-to-March surge than in the earlier period of economic expansion. On the basis of these developments it may be concluded that the August-to-March overtime increase was primarily the results of a normal adjustment to the improvement in economic activity.

Overtime and Employment Levels, 1956 to 1964

The foregoing examination suggests that the recent increase in factory overtime is basically the result of a general improvement in economic activity. It should be noted, however, that prior to the recent upsurge most of the manufacturing industries were operating at relatively high overtime levels. This is best illustrated by comparing the 1964 overtime and employment figures to other periods of economic expansion.

Although the overall economic situation in 1956 was somewhat similar to the experience in 1964, average overtime in the latter year was significantly higher. As table 3 shows, the overtime difference was greater for the soft goods industries and had evolved in somewhat smoother annual steps. Since this development could have resulted from a shift in the industrial composition of employment, hypothetical 1964 average overtime figures were computed utilizing 1964 overtime levels and 1956, 1959, and 1962 distributions of production worker employment by industry.⁵ The resulting averages were roughly equal to the actual 1964 overtime level. Although this test eliminates the possibility that 1964's high overtime level is directly attributable to compositional changes, it does not by itself demonstrate that overtime is on a secular uptrend relative to the average workweek. Moreover, the test does not show whether there have been changes in the relationship of hours and employment within the major industries. To evaluate this possibility, the individual industry data were examined, and the general findings are outlined below.

⁵At the 2-digit industry level only.

Table 3. Average Weekly Overtime Hours, Production Worker Employment, and Wage and Salary Worker Unemployment Rates in Durable and Nondurable Goods Industries, Annual Averages, 1956-64

	1964	1963	1962	1961	1960	1958	1956
<u>Durable Goods</u>							
Average weekly overtime hours....	3.3	2.9	2.8	2.3	2.4	1.9	3.0
Average weekly hours.....	41.4	41.1	40.9	40.3	40.1	39.5	41.0
Overtime as a percent of average weekly hours.....	8.0	7.1	6.8	5.7	6.0	4.8	7.3
Production worker employment.....	7,238	7,030	6,936	6,618	7,028	6,579	7,669
Unemployment rate.....	4.7	5.4	5.7	8.4	6.3	10.5	4.0
<u>Nondurable Goods</u>							
Average weekly overtime hours....	2.9	2.7	2.7	2.5	2.5	2.2	2.4
Average weekly hours.....	39.7	39.6	39.6	39.3	39.2	38.8	39.6
Overtime as a percent of average weekly hours.....	7.3	6.8	6.8	6.4	6.4	5.7	6.1
Production worker employment.....	5,570	5,528	5,552	5,465	5,559	5,419	5,767
Unemployment rate.....	5.3	6.0	5.9	6.7	6.0	7.6	4.4

The changed relationship of overtime and employment is most evident in the nondurable goods sector. In 1964, its overtime level rose to a record 2.9 hours, up 0.2 hour from the previous high (recorded in 1959, 1962 and 1963). In contrast, soft goods production worker employment, at 5.6 million in 1964, was significantly below 1956-57 levels, just equal to the 1959 level and slightly higher than the 1960-63 levels. Seven of the ten soft goods industries recorded new alltime highs in 1964, one equaled an earlier peak, and two were slightly below previous records. Despite record levels of overtime, half of the ten soft goods industries were at relatively low employment levels in 1964 and had not even registered significant cyclical gains over the last four years (these were food, textiles, petroleum, leather, and tobacco). Employment in two of the largest industry groups--foods and textiles--was well below earlier highs; nevertheless, these two industries showed record overtime levels of 3.6 hours in 1964. On the other hand, the three industries which did not establish new overtime records in 1964--apparel, printing, and rubber--are all in the group of industries where production worker employment has shown some tendency to expand during the 1956-64 period.

At the aggregate level, the picture in the durable goods sector was fairly similar. At 7.2 million in 1964, production worker employment was down roughly 400,000 from the 1956-57 level but higher than in any of the intervening years. At the same time, average overtime, at 3.3 hours, was up significantly from all previous highs. As table 4 illustrates, the 1963-64 rise was mainly the result of gains in the 5 major metals and metal-using industries. Exceptionally large increases were shown between 1963 and 1964 by primary metals, fabricated metals, and transportation equipment. In each of these instances, the rise in overtime was accompanied by an advance in production worker employment. Nevertheless,

employment in two of these groups--primary metals and transportation equipment--remained substantially below 1956 levels.

At the overall level, average overtime has risen relative to production worker employment. This overall change was most pronounced in 4 of the major industries. In transportation equipment, overtime, at 3.9 hours in 1964, was up 0.8 hour (25 percent) from its 1956 level, while production worker employment was down by 230,000.⁶ In textile mill products, employment was down 140,000, and overtime was

Table 4. Employment and Average Weekly Overtime Hours of Factory Production Workers, Annual Averages, 1956-64

Industry	Employment (In thousands)				Average overtime hours			
	1964	1963	1962	1956	1964	1963	1962	1956
Manufacturing	12,808	12,558	12,488	13,436	3.1	2.8	2.8	2.8
Durable goods	7,238	7,030	6,936	7,669	3.3	2.9	2.8	3.0
Ordnance	106.6	115.8	118.2	84.9	1.8	2.4	2.2	2.5
Lumber	533.3	524.6	526.7	661.8	3.4	3.4	3.2	2.6
Furniture	334.5	323.3	319.6	315.5	3.2	3.0	2.9	2.3
Stone, clay and glass products.	496.4	484.5	477.7	507.0	3.8	3.6	3.4	3.3
Primary metals . Fabricated	998.2	946.9	937.3	1,131.6	3.2	2.7	2.3	2.8
metals	920.5	883.7	863.7	900.7	3.4	3.0	2.9	3.1
Machinery	1,121.4	1,058.7	1,037.8	1,158.5	3.9	3.2	3.1	3.9
Electrical equip- ment	1,040.1	1,036.6	1,051.5	975.4	2.3	2.0	2.2	2.6
Transportation equipment	1,133.3	1,112.8	1,061.1	1,364.3	3.9	3.6	3.5	3.1
Instruments and related products	233.6	232.2	229.1	236.1	2.5	2.4	2.4	2.5
Miscellaneous manufacturing .	320.5	311.0	313.2	333.1	2.4	2.2	2.3	2.8
Nondurable goods .	5,570	5,528	5,552	5,767	2.9	2.7	2.7	2.4
Food	1,143.9	1,160.8	1,177.8	1,302.1	3.6	3.4	3.4	3.1
Tobacco	76.0	76.0	78.7	90.1	1.6	1.1	1.0	1.3
Textiles	802.5	796.4	812.1	944.3	3.6	3.2	3.2	2.6
Apparel	1,163.9	1,139.4	1,122.9	1,088.1	1.3	1.3	1.3	1.0
Paper	492.8	487.7	486.0	464.5	4.7	4.5	4.4	4.5
Printing	603.0	590.7	594.5	559.6	2.9	2.7	2.8	3.1
Chemicals	528.7	525.4	519.3	525.7	2.7	2.5	2.5	2.1
Petroleum	116.0	120.5	125.5	161.2	2.4	2.3	2.3	2.2
Rubber	332.1	322.1	316.5	290.7	3.4	3.0	3.1	2.1
Leather	311.2	309.2	318.9	340.9	1.7	1.4	1.4	1.4

⁶Major factors affecting these levels include a long-term employment decline in the aircraft industry, which is a low overtime industry and sharp employment fluctuations in the auto industry, which is a high overtime industry. In 1964, the auto situation was made more complex because of peak demand and a strike of significant magnitude and duration.

up 1 full hour. In the food industry, employment dropped 160,000, while overtime rose 0.5 hour. Finally, primary metals employment was down 130,000, and overtime went up 0.4 hour. Within these industries, there have unquestionably been shifts in establishment-operating procedures, the required occupational skills, seasonal movements, contractual agreements, and so on. While structural changes such as these probably account for the long-run increase in overtime, they do not detract from the fact that in the face of lower employment levels overtime has clearly increased.

Examination of the data for individual industries also showed that:

1. Average overtime is greater and somewhat more volatile in the durable than in nondurable goods industries. Presumably, cyclical responsiveness, industrial composition, union-management relations, and methods of operation are responsible for these differences.

2. Seasonal patterns of overtime work do not differ enough to account for the wide variations in the average level of overtime among the manufacturing industries.

3. While there does not appear to be a distinct increase in the absolute overtime gap between the highest (paper, at 4.7 in 1964) and lowest industries (apparel, at 1.3), there have been some dramatic changes in relative levels. In transportation equipment, rubber, lumber, textiles, and furniture, average overtime has increased sharply over the 1956-64 period, whereas in the ordnance, printing, electrical machinery, and miscellaneous manufacturing industries it has declined.

4. Equal overtime averages are frequently associated with vastly different average workweeks. For example, overtime was practically the same for machinery, transportation equipment, and stone, clay, and glass, and yet their average workweeks differed by as much as 0.9 hour. In paper, where the average workweek was 0.4 hour longer than in machinery, overtime averaged 0.8 hour more. These differences arise primarily from variations in the point at which payment of premiums must begin. Although 40 hours is the usual cutoff point in most industries, a high proportion of workers in the garment industry received overtime pay after 35 hours, and a large share of the brewing industry works on a 37-1/2 hour scheduled straight-time workweek. In contrast, overtime need not be paid during the harvest season in the canning industry (part of the food group) until 56 hours a week have been worked.

5. Variations in overtime levels during the business cycle suggest that some industries use overtime far more readily as a cyclical adjustment mechanism than others. However, given the comparatively high levels of weekly hours in most of the industries which show correspondingly high levels of overtime, it is difficult to accept the belief that overtime is used as a form of compensation for short workweeks during periods of seasonal or cyclical lows.

Seasonal Variation in Factory Overtime

As with most economic time series, average overtime registers certain changes over the course of a year with more than accidental regularity. This annually repetitive pattern has two closely related and important features. First, it reflects the allocation of seasonal overtime demand during the course of a calendar year. Second, it constitutes some proportion of gross annual overtime. Both features are of considerable importance; however, it should be borne in mind that the amplitude of seasonal fluctuations determines the size of the aggregate "seasonal" contribution to total overtime.

The calendar year distribution of factory production workers' overtime has consistently shown the following pattern: starting from a January-February low,

overtime moves steadily upward, reaching a peak in September, then dropping slightly to a high and stable level for the last three months of the year (table 6). The sharpest month-to-month change occurs between December and January, when hours move down from pre-Christmas highs to the usual post-Christmas lull. As the seasonal factors in table 6 show, both the durable and nondurable goods sectors follow essentially the same pattern.

The amplitude of the seasonal variations for both durables and nondurables are about the same. These seasonal changes range from January or February lows, which are approximately 10 percent below the annual average, to August or September highs, which are approximately 10 percent above the annual average. Thus, at these broad levels, the seasonal variation in overtime is comparatively small and follows a pattern which places peak seasonal demand in the last six months of the year. The range of the seasonal factors suggests that net seasonal overtime is equal to approximately one-fifth of annual overtime.⁷ Furthermore, seasonal overtime peaks occur in roughly the same time period that employment is at its seasonal high and when unemployment is at a seasonal low.

Cyclical Changes in Average Overtime

When the influence of seasonal changes has been removed from the series, variations in factory overtime are most closely linked with changes in the business cycle. As charts 1 and 2 indicate, changes in average overtime lead general cyclical changes by several months. It is reasonable that this should be the case since hours of work probably constitute the handiest short-run adjustment to changing output requirements. This simple rationale is strengthened by the fact that the measure of overtime used here--hours paid at premium rates--represents a significant cost factor to the employer. As such, this measure of overtime should be particularly sensitive to changes in the business climate.

In the downphase of a cycle, average overtime clearly begins its downward movement well before there is general recognition of an economic adjustment.⁸ This lead relationship at the downturn is evident not only in the large groups, such as all durables, but in most of the individual industries and their components as well. Of course, other economic time series also change direction prior to an overall downturn. For example, both average weekly hours and production worker employment have tended to lead cyclical downturns by significant margins (chart 2). While the movement of these two series lacks the firm commitment evident in the overtime figures, the three series taken together comprise a very reliable early warning system.

At the other end of a cycle, when the upturn begins, the average overtime series tends to be more of a coincident indicator than a lead indicator. This could also be considered an expected pattern, since when the economy is in a trough, overtime will, presumably, be at a minimum. As the recovery begins, gaps between actual hours

⁷ Gross seasonal overtime is unquestionably larger because, in aggregation, differing seasonal patterns among the major industries tend to balance each other out and stabilize the overall series. No attempt was made to quantify gross seasonal overtime; however, it is an important area for consideration and further study.

⁸ When related to the NBER overall turning point, the lead time was 6 months for the 1957-58 recession and 4 months for the 1960-61 recession. In both instances, however, overtime continued to move down until a month or so before the NBER upturn.

worked and the normal workweek will generally be filled before overtime is scheduled. In such a situation, average straight-time hours could become a key indicator.

In the periods between distinct economic upturns and downturns, overtime has continued to show considerable volatility. Noncyclical movements, which could result from a host of diverse forces, can generally be attributed to changing economic conditions in certain industries. Such movements are the major reason why overtime should be used only in conjunction with other indicators (such as gross weekly hours, employment, production, sales, and inventories) in assessing cyclical changes. Examples of such forces include changing industrial composition, strike effects, and brief periods of unusual demand in certain industries. Unmentioned, but no less important than these factors, is the desire of employers to minimize costs.⁹ At high, but not increasing levels of activity, reduction of overtime would lead to substantial cost savings through the avoidance of premium wage payments. Moreover, "reduction of overtime may also enhance productivity, since overtime hours tend to be less productive, and liberal use of overtime may encourage 'drag-out' of work!"¹⁰

Overtime hours changes tend to lead employment changes in both phases of the cycle (chart 2). The continuation of existing employment trends, after overtime hours have changed direction, appears to be a result of the momentum of prevailing employment policies. Although decisions on overtime, relating to the length of the workweek, are typically made at the middle management level in response to changes in current workloads, decisions to change hiring policies are made at the plant management level, or even higher. That is, changes in weekly hours come about as the result of fluctuations in current workloads and are short-term adjustment of labor input. In contrast, changes in employment, other than those resulting from normal turnover, are the result of policy decisions based on long-term anticipated workloads. The latter adjustment presumes some revisions in the business outlook of the plant, division, or company; they require the accumulation of internal and external evidence that such revision is warranted.

The Role of Overtime in Earnings

Since the amount of overtime worked varies by industry as well as by cyclical phase, there are some startling differences in the influence that overtime plays in the determination of production workers' average weekly earnings (table 5). For manufacturing as a whole, the average amount of weekly earnings attributable to hours worked at premium pay ranged from \$6.15 (7-1/2 percent) in 1958 to \$11.35 (11 percent) in 1964. Since overtime in the durable goods sector is more responsive to cyclical changes, overtime earnings as a percent of average weekly earnings show a wider range of fluctuation in the hard goods industries than in soft goods industries. For example, in apparel, the proportion that overtime provides of average weekly earnings is comparatively small, having ranged from 4.1 to 5.3 percent during the period 1956-64. In primary metals, however, the proportion has shown sharp changes, ranging from 5.4 percent in 1958 to 11 percent in 1964.

⁹Cost minimization could, under special circumstances, be accomplished by increasing the amount of overtime work (more intensive use of current workforce). In some quarters there appears to be an accepted feeling that cost of adding employees to the payroll (recruitment plus fringe benefits) is greater than cost of paying overtime. In "Fringe Benefits and Overtime as Barriers to Expanding Employment," J. W. Garbarino suggests that this is probably not the case. See The Industrial and Labor Relations Review, Vol. 17, No. 3, April 1964, pp. 426-42.

¹⁰Bry, Gerhard, "Why Cyclical Turns in Hours of Work Precede Those in Employment," Employment and Earnings, March 1959, p. viii. This article was based on the study by the National Bureau of Economic Research, The Timing of Cyclical Changes in the Average Workweek.

Table 5. Average Weekly Overtime Earnings and Overtime Earnings
as Percent of Gross Weekly Earnings of Factory Production
Workers in Selected Manufacturing Industries, Annual
Averages, 1956-64

Industry	1964		1962		1958		1956	
	Earnings	Pct.	Earnings	Pct.	Earnings	Pct.	Earnings	Pct.
Manufacturing.....	\$11.35	11.0	\$ 9.70	10.0	\$ 6.15	7.4	\$ 7.94	10.1
Durable Goods.....	12.92	11.5	10.42	10.0	6.30	7.1	9.05	10.6
Primary metals.....	14.35	11.0	10.01	8.4	5.44	5.4	9.62	9.9
Fabricated metals.....	13.11	11.7	10.70	10.2	6.93	7.7	9.21	10.9
Machinery.....	16.09	13.2	12.14	10.7	6.24	6.6	12.29	13.2
Transportation Equipment.....	17.37	13.3	14.70	12.0	7.69	7.7	10.23	10.8
Nondurable goods.....	9.61	10.6	8.46	9.8	6.14	8.3	6.19	8.8
Paper.....	17.13	15.6	15.11	14.8	11.76	13.4	12.29	15.0
Rubber.....	12.44	11.9	10.93	10.9	6.07	7.1	6.24	7.6
Apparel.....	3.43	5.3	3.24	5.3	2.28	4.2	2.18	4.1

There is always some overtime work reported in each of the manufacturing industries regardless of the overall economic situation. To summarize, the reasons for overtime work in both good times and bad include: (1) temporary scheduling problems; (2) normal seasonal fluctuations; (3) prevailing standard overtime practices; (4) divergent movements in demand among individual establishments or within various industry groups. Taken together, these forces have brought about overtime changes of up to 25 percent in as short a period as 4 months. For example, average manufacturing overtime fell from 2.5 hours in October 1960 to 1.9 hours in January 1961. Although this was a combined seasonal and cyclical change and has little meaning for trend analysis, it shows that the portion of gross payrolls attributable to overtime fell by nearly one-fourth in a very short time span. Because overtime is paid at premium rates, such a change magnifies the income effect of changing business conditions.

Table 6. Average Weekly Overtime Hours of Production Workers on Manufacturing

Payrolls, Seasonally Adjusted, 1956-64

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MANUFACTURING												
1956	3.1	2.9	2.8	2.8	2.7	2.6	2.6	2.6	2.7	2.8	2.8	2.9
1957	2.8	2.7	2.6	2.5	2.3	2.3	2.3	2.2	2.2	2.1	2.0	1.9
1958	1.8	1.8	1.7	1.7	1.8	1.9	1.9	2.1	2.2	2.2	2.3	2.6
1959	2.5	2.6	2.8	2.8	2.9	2.9	2.8	2.9	2.7	2.6	2.4	2.6
1960	3.1	2.8	2.7	2.4	2.6	2.4	2.4	2.4	2.3	2.4	2.1	2.0
1961	2.1	2.1	2.2	2.2	2.2	2.3	2.5	2.5	2.5	2.7	2.8	2.8
1962	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.8	2.8
1963	2.7	2.8	2.8	2.5	2.8	2.9	2.9	2.8	2.8	2.9	2.9	3.0
1964	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.2	3.2	3.2	3.2	3.5
DURABLE GOODS												
1956	3.4	3.1	3.0	3.1	3.0	2.8	2.8	2.7	3.0	3.0	3.0	3.2
1957	3.1	2.9	2.8	2.6	2.3	2.4	2.4	2.2	2.1	2.0	2.0	1.7
1958	1.6	1.6	1.5	1.5	1.6	1.7	1.8	2.0	2.1	2.1	2.3	2.5
1959	2.5	2.6	2.8	2.9	2.9	3.0	2.9	2.9	2.7	2.7	2.3	2.6
1960	3.2	3.0	2.7	2.3	2.5	2.3	2.3	2.3	2.3	2.4	2.0	1.9
1961	2.0	2.0	2.0	2.1	2.2	2.2	2.4	2.4	2.5	2.6	2.7	2.8
1962	2.8	2.8	2.9	2.8	2.9	2.9	2.9	2.7	2.8	2.8	2.8	2.9
1963	2.8	2.9	2.9	2.6	3.0	3.1	3.0	2.9	2.9	3.1	3.0	3.1
1964	3.2	3.1	3.1	3.2	3.2	3.2	3.2	3.4	3.4	3.3	3.3	3.7
NONDURABLE GOODS												
1956	2.8	2.6	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.5	2.4	2.5
1957	2.4	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.1
1958	2.1	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.3	2.4	2.5	2.6
1959	2.6	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.8	2.7	2.6	2.7
1960	2.8	2.7	2.6	2.5	2.6	2.5	2.5	2.4	2.3	2.4	2.2	2.2
1961	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.5	2.7	2.7	2.7
1962	2.7	2.7	2.7	2.8	2.9	2.8	2.7	2.5	2.6	2.5	2.7	2.7
1963	2.6	2.7	2.7	2.6	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.8
1964	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.9	2.9	2.9	2.9	3.1

Current Seasonal Adjustment Factors for Average Weekly Overtime Hours

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MANUFACTURING												
	91.3	89.9	93.0	95.9	98.8	104.1	101.1	103.3	109.3	103.8	104.7	104.2
DURABLE GOODS												
	92.0	89.4	92.1	96.0	98.6	105.3	97.5	102.7	109.2	104.4	105.8	106.7
NONDURABLE GOODS												
	90.8	92.5	94.5	92.9	98.2	104.2	102.7	106.1	109.8	106.2	101.9	100.1

Table A-1: Employment status of the noninstitutional population 14 years and over, 1929 to date

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed ¹			Unemployed ¹			
					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 ³	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 ⁴	125,368	73,126	58.3	70,612	66,681	5,723	60,958	3,931	5.6	-	52,242
1961.....	127,852	74,175	58.0	71,603	66,796	5,463	61,333	4,806	6.7	-	53,677
1962 ⁵	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
1964: April.....	133,678	76,544	57.3	73,799	69,877	4,429	65,448	3,921	5.3	5.4	57,135
May.....	133,866	77,490	57.9	74,742	71,101	5,007	66,094	3,640	4.9	5.2	56,376
June.....	134,041	79,389	59.2	76,645	71,953	5,853	66,100	4,692	6.1	5.3	54,652
July.....	134,216	78,958	58.8	76,218	72,405	5,819	66,586	3,813	5.0	5.0	55,258
August.....	134,400	78,509	58.4	75,758	72,104	5,400	66,704	3,654	4.8	5.1	55,891
September.....	134,586	76,865	57.1	74,122	70,805	5,230	65,575	3,317	4.5	5.1	57,721
October.....	134,772	77,112	57.2	74,375	71,123	5,126	65,997	3,252	4.4	5.2	57,661
November.....	134,952	76,897	57.0	73,166	70,793	4,545	66,248	3,373	4.5	4.9	58,055
December.....	135,135	76,568	56.7	73,841	70,375	3,785	66,590	3,466	4.7	5.0	58,568
1965: January.....	135,302	75,699	55.9	72,992	68,996	3,739	65,257	3,996	5.5	4.8	59,603
February.....	135,469	76,418	56.4	73,714	69,496	3,803	65,694	4,218	5.7	5.0	59,051
March.....	135,651	76,612	56.5	73,909	70,169	3,989	66,180	3,740	5.1	4.7	59,039
April.....	135,812	77,307	56.9	74,621	71,070	4,473	66,597	3,552	4.8	4.9	58,504

¹Data 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.

²Not available.

³Beginning 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.

⁴Data 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.

⁵Figures 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

(In thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force	
		Number	Percent of population	Total	Employed ¹			Unemployed ¹		Percent of labor force		
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	Not seasonally adjusted		Seasonally adjusted
MALE												
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060	
1944.....	51,980	46,670	89.8	35,460	35,110	7,020	28,090	350	1.0	-	5,310	
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242	
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213	
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354	
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457	
1951.....	54,996	46,674	84.9	45,712	42,362	5,791	36,571	1,250	2.9	-	8,322	
1952.....	55,503	47,001	84.7	43,454	42,237	5,623	36,614	1,217	2.8	-	8,502	
1953 ²	56,534	47,692	84.4	44,194	42,966	5,496	37,470	1,228	2.8	-	8,840	
1954.....	57,016	47,847	83.9	44,537	42,165	5,429	36,736	2,372	5.3	-	9,169	
1955.....	57,484	48,054	83.6	45,041	43,152	5,479	37,673	1,889	4.2	-	9,430	
1956.....	58,044	48,579	83.7	45,756	43,999	5,268	38,731	1,757	3.8	-	9,465	
1957.....	58,813	48,649	82.7	45,882	43,990	5,037	38,952	1,893	4.1	-	10,164	
1958.....	59,478	48,802	82.1	46,197	43,042	4,802	38,240	3,155	6.8	-	10,677	
1959.....	60,100	49,081	81.7	46,562	44,089	4,749	39,340	2,473	5.3	-	11,019	
1960 ³	61,000	49,507	81.2	47,025	44,485	4,678	39,807	2,541	5.4	-	11,493	
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,060	6.5	-	12,229	
1962 ⁴	63,234	50,175	79.3	47,380	44,892	4,266	40,626	2,488	5.3	-	13,059	
1963.....	64,163	50,573	78.8	47,867	45,330	4,021	41,309	2,537	5.3	-	13,590	
1964.....	65,065	51,118	78.6	48,410	46,139	3,884	42,255	2,271	4.7	-	13,947	
1964: April.....	64,851	50,665	78.1	47,951	45,607	3,716	41,891	2,345	4.9	4.8	14,186	
May.....	64,938	51,294	79.0	48,577	46,510	4,014	42,496	2,067	4.3	4.6	13,644	
June.....	65,018	52,813	81.2	50,100	47,470	4,610	42,860	2,630	5.2	4.8	12,205	
July.....	65,097	53,057	81.5	50,347	48,164	4,593	43,571	2,183	4.3	4.5	12,041	
August.....	65,180	52,584	80.7	49,864	47,791	4,348	43,443	2,074	4.2	4.6	12,596	
September.....	65,266	51,083	78.3	48,370	46,557	4,081	42,476	1,813	3.7	4.7	14,183	
October.....	65,351	50,918	77.9	48,211	46,448	4,026	42,423	1,762	3.7	4.7	14,434	
November.....	65,432	50,709	77.5	48,008	46,152	3,666	42,487	1,856	3.9	4.4	14,723	
December.....	65,516	50,480	77.0	47,784	45,645	3,247	42,398	2,139	4.5	4.4	15,035	
1965: January.....	65,590	50,212	76.6	47,537	45,056	3,246	41,810	2,481	5.2	4.3	15,377	
February.....	65,664	50,538	77.0	47,866	45,307	3,296	42,011	2,558	5.3	4.3	15,126	
March.....	65,747	50,628	77.0	47,957	45,675	3,422	42,253	2,283	4.8	4.1	15,119	
April.....	65,817	51,168	77.7	48,513	46,422	3,738	42,683	2,091	4.3	4.2	14,649	
FEMALE												
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140	
1944.....	52,650	19,370	36.8	19,170	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 ²	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 ³	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 ⁴	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	
1964: April.....	68,827	25,878	37.6	25,847	24,271	713	23,557	1,577	6.1	6.5	42,949	
May.....	68,928	26,196	38.0	26,165	24,591	993	23,598	1,574	6.0	6.2	42,732	
June.....	69,024	26,576	38.5	26,545	24,483	1,243	23,240	2,062	7.8	6.2	42,448	
July.....	69,119	25,901	37.5	25,871	24,241	1,226	23,015	1,630	6.3	5.8	43,218	
August.....	69,220	25,925	37.5	25,894	24,313	1,052	23,261	1,581	6.1	6.0	43,295	
September.....	69,320	25,782	37.2	25,752	24,248	1,149	23,099	1,503	5.8	6.0	43,538	
October.....	69,421	26,194	37.7	26,164	24,674	1,100	23,574	1,489	5.7	6.3	43,227	
November.....	69,520	26,188	37.7	26,158	24,641	879	23,762	1,517	5.8	5.9	43,332	
December.....	69,619	26,086	37.5	26,056	24,730	538	24,192	1,327	5.1	6.1	43,533	
1965: January.....	69,712	25,487	36.6	25,455	23,940	492	23,447	1,515	6.0	5.8	44,225	
February.....	69,805	25,880	37.1	25,848	24,189	506	23,682	1,659	6.4	6.3	43,925	
March.....	69,904	25,984	37.2	25,952	24,494	567	23,927	1,458	5.6	5.8	43,920	
April.....	69,994	26,139	37.3	26,108	24,648	735	23,913	1,460	5.6	6.0	43,855	

¹See footnote 1, table A-1. ²See footnote 3, table A-1. ³See footnote 4, table A-1. ⁴See footnote 5, table A-1.

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

Employment status	(In thousands)								
	Total			Male			Female		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	135,812	135,651	133,678	65,817	65,747	64,851	69,994	69,904	68,827
Total labor force	77,307	76,612	76,544	51,168	50,628	50,665	26,139	25,984	25,878
Civilian labor force	74,621	73,909	73,799	48,513	47,957	47,951	26,108	25,952	25,847
Employed	71,070	70,169	69,877	46,422	45,675	45,607	24,648	24,494	24,271
Agriculture	4,473	3,989	4,429	3,738	3,422	3,716	735	567	713
Nonagricultural industries	66,597	66,180	65,448	42,683	42,253	41,891	23,913	23,927	23,557
Unemployed	3,552	3,740	3,921	2,091	2,283	2,345	1,460	1,458	1,577
Looking for full-time work	2,954	3,134	3,303	1,768	1,969	2,008	1,186	1,165	1,295
Looking for part-time work	597	605	619	323	313	337	274	292	282
Not in labor force	58,504	59,039	57,135	14,649	15,119	14,186	43,855	43,920	42,949

Table A-4: Unemployed persons, by age and sex

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	3,552	3,740	3,921	4.8	5.1	5.3	100.0	100.0	100.0
Male	2,091	2,283	2,345	4.3	4.8	4.9	58.9	61.0	59.8
14 to 19 years	505	448	559	13.7	13.8	16.3	14.2	12.0	14.2
14 and 15 years	41	32	69	6.6	6.3	10.4	1.2	.9	1.8
16 to 19 years	463	416	490	15.2	15.2	17.7	13.0	11.1	12.5
20 to 24 years	348	371	358	7.2	7.8	7.8	9.8	9.9	9.1
25 to 34 years	309	364	337	3.1	3.7	3.4	8.7	9.7	8.6
35 to 44 years	335	383	358	3.0	3.4	3.2	9.4	10.2	9.1
45 to 54 years	264	342	357	2.6	3.4	3.6	7.4	9.1	9.1
55 to 64 years	234	274	275	3.4	4.0	4.1	6.6	7.3	7.0
65 years and over	97	101	101	4.6	4.7	4.6	2.7	2.7	2.6
Female	1,460	1,458	1,577	5.6	5.6	6.1	41.1	39.0	40.2
14 to 19 years	428	335	363	17.4	13.9	15.5	12.0	9.0	9.3
14 and 15 years	17	10	22	6.2	3.3	6.2	.5	.3	.6
16 to 19 years	410	325	341	18.8	15.6	17.2	11.5	8.7	8.7
20 to 24 years	222	258	273	6.8	7.8	8.5	6.2	6.9	7.0
25 to 34 years	236	278	257	5.5	6.4	6.0	6.6	7.4	6.6
35 to 44 years	259	249	291	4.5	4.4	5.1	7.3	6.7	7.4
45 to 54 years	153	200	232	2.7	3.6	4.1	4.3	5.3	5.9
55 to 64 years	126	103	128	3.5	2.9	3.6	3.5	2.8	3.3
65 years and over	38	34	34	3.7	3.3	3.3	1.1	.9	.9

Table A-5: Unemployed persons, by industry of last job

Industry	Unemployment rate			Percent distribution		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	4.8	5.1	5.3	100.0	100.0	100.0
Experienced wage and salary workers	4.5	4.9	5.1	80.6	83.8	82.8
Agriculture	8.5	10.6	10.9	3.4	3.7	4.1
Nonagricultural industries	4.4	4.8	5.0	77.2	80.1	78.6
Mining, forestry, fisheries	2.7	9.5	7.5	.5	1.6	1.2
Construction	10.1	13.7	10.5	11.4	14.8	10.5
Manufacturing	4.7	4.2	5.1	26.2	22.0	24.8
Durable goods	4.0	3.8	4.8	12.6	11.3	13.2
Nondurable goods	5.7	4.7	5.6	13.6	10.7	11.6
Transportation and public utilities	3.1	2.9	3.4	3.9	3.5	3.9
Wholesale and retail trade	5.3	5.8	6.4	17.1	17.7	18.4
Finance, insurance, and real estate	2.5	2.4	2.5	2.2	2.0	2.0
Service industries	3.4	4.0	3.9	14.2	16.5	15.4
Public administration	1.6	2.1	2.4	1.7	2.1	2.4
Self-employed and unpaid family workers .....	.9	1.3	.9	2.7	3.3	2.4
No previous work experience	-	-	-	16.7	12.9	14.8
14 to 19 years	-	-	-	13.3	9.9	11.4
20 years and over	-	-	-	3.4	3.0	3.4

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

Occupation	Unemployment rate			Percent distribution		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	4.8	5.1	5.3	100.0	100.0	100.0
White-collar workers	2.2	2.5	2.7	20.7	22.2	21.8
Professional and technical	1.3	1.4	1.6	3.4	3.4	3.6
Managers, officials, and proprietors	1.3	1.7	1.1	2.7	3.4	2.1
Clerical workers	3.3	3.5	4.0	10.8	10.7	11.4
Sales workers	2.9	3.7	4.1	3.9	4.7	4.7
Blue-collar workers	6.0	6.5	6.6	46.2	47.2	45.1
Craftsmen and foremen	4.5	5.1	4.5	11.7	12.5	10.4
Operatives	6.2	6.2	6.9	24.7	23.1	24.1
Nonfarm laborers	8.6	10.9	10.3	9.7	11.7	10.6
Service workers	5.0	5.6	5.8	13.5	14.2	14.9
Private household workers	4.0	4.4	4.4	2.4	2.7	2.8
Other service workers	5.4	5.9	6.3	11.1	11.5	12.1
Farm workers	2.4	3.4	3.2	2.9	3.5	3.4
Farmers and farm managers .....	.1	.6	.2	.1	.4	.1
Farm laborers and foremen	5.2	7.3	6.7	2.8	3.1	3.3
No previous work experience	-	-	-	16.7	12.9	14.8

Table A-7: Unemployed persons, by color, marital status, and household relationship

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
COLOR									
Total	3,552	3,740	3,921	4.8	5.1	5.3	100.0	100.0	100.0
White, total	2,902	2,996	3,147	4.4	4.6	4.8	81.7	80.1	80.2
Male	1,749	1,861	1,909	4.0	4.3	4.4	49.3	49.8	48.7
Female	1,153	1,135	1,238	5.1	5.0	5.5	32.5	30.3	31.6
Nonwhite, total	650	744	775	7.9	9.2	9.6	18.3	19.9	19.8
Male	342	421	436	7.0	8.8	9.1	9.6	11.3	11.1
Female	307	323	339	9.1	9.7	10.3	8.6	8.6	8.6
MARITAL STATUS									
Total	3,552	3,740	3,921	4.8	5.1	5.3	100.0	100.0	100.0
Male	2,091	2,283	2,345	4.3	4.8	4.9	58.9	61.0	59.8
Married, wife present	967	1,142	1,094	2.6	3.1	3.0	27.2	30.5	27.9
Single	909	883	994	10.7	10.9	11.9	25.6	23.6	25.4
14 to 19 years	488	428	543	14.0	13.9	16.6	13.7	11.4	13.8
20 years and over	422	456	451	8.4	9.1	8.8	11.9	12.2	11.5
Other marital status	215	257	256	8.4	10.1	10.2	6.1	6.9	6.5
Female	1,460	1,458	1,577	5.6	5.6	6.1	41.1	39.0	40.2
Married, husband present	647	720	738	4.4	4.9	5.1	18.2	19.3	18.8
Single	524	431	479	8.7	7.2	8.1	14.7	11.5	12.2
14 to 19 years	360	278	314	16.7	13.1	15.3	10.1	7.4	8.0
20 years and over	163	153	164	4.2	4.0	4.2	4.6	4.1	4.2
Other marital status	289	306	361	5.4	5.8	6.8	8.1	8.2	9.2
HOUSEHOLD RELATIONSHIP									
Total	3,552	3,740	3,921	4.8	5.1	5.3	100.0	100.0	100.0
Household head	1,393	1,585	1,522	3.1	3.5	3.4	39.2	42.4	38.8
Living with relatives	1,124	1,307	1,242	2.8	3.3	3.1	31.7	34.9	31.7
Not living with relatives	268	279	280	5.1	5.3	5.5	7.5	7.5	7.1
Wife of head	618	704	711	4.3	4.9	5.0	17.4	18.8	18.1
Other relative of head	1,450	1,359	1,591	11.0	10.8	12.1	40.8	36.3	40.6
Non-relative of head	90	92	97	6.5	6.3	6.8	2.5	2.5	2.5

Table A-8: Unemployed persons, by duration of unemployment

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution				
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964		Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964		
Total	3,552	3,740	3,921	100.0	100.0	100.0	Total	3,552	3,740	3,921	100.0	100.0	100.0		
Less than 5 weeks	1,620	1,511	1,660	45.6	40.4	42.3	Persons on temporary layoff	102	101	106	2.9	2.7	2.7		
5 to 14 weeks	882	1,210	1,025	24.8	32.4	26.2		Persons scheduled to begin new jobs within 30 days.	111	104	125	3.1	2.8	3.2	
5 and 6 weeks	258	306	287	7.3	8.2	7.3			All other unemployed ...	3,339	3,535	3,690	94.0	94.5	94.1
7 to 10 weeks	356	405	418	10.0	10.8	10.7									
11 to 14 weeks	268	499	321	7.5	13.3	8.2									
15 weeks and over	1,050	1,019	1,237	29.6	27.2	31.5									
15 to 26 weeks	627	602	693	17.7	16.1	17.7									
27 weeks and over	423	417	543	11.9	11.1	13.8									
Average (mean) duration ...	13.1	13.4	14.2	-	-	-									

Table A-9: 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		
	Apr. 1965	Apr. 1964	Apr. 1965	Apr. 1964	Apr. 1965	Apr. 1964	Apr. 1965	Apr. 1964	
INDUSTRY									
Total	29.6	31.5	100.0	100.0	11.9	13.8	100.0	100.0	100.0
Experienced wage and salary workers	30.9	32.4	84.4	85.1	12.0	13.9	81.1	83.1	85.4
Agriculture	42.0	20.4	4.8	2.7	15.1	8.0	4.3	2.4	1.9
Nonagricultural industries	30.5	33.0	79.6	82.4	11.8	14.2	76.8	80.7	83.5
Mining, forestry, fisheries	(1)	(1)	.5	2.1	(1)	(1)	.9	3.9	.8
Construction	41.6	44.0	16.1	14.7	9.1	11.9	8.7	9.0	5.4
Manufacturing	29.4	33.4	26.2	26.4	11.9	16.0	26.2	26.8	26.4
Durable goods	31.3	37.8	13.4	15.9	13.7	19.1	14.7	18.2	15.1
Nondurable goods	27.7	28.5	12.8	10.5	10.1	12.7	11.6	10.6	11.4
Transportation and public utilities	41.4	32.5	5.5	4.0	22.9	11.7	7.6	3.3	6.0
Wholesale and retail trade	27.7	31.3	16.0	18.3	12.0	13.0	17.3	17.2	15.5
Finance, insurance, and real estate, and service industries	24.6	25.9	13.6	14.3	9.6	12.1	13.2	15.0	24.3
Public administration	(1)	(1)	1.7	2.7	(1)	(1)	2.8	3.5	5.0
Self-employed and unpaid family workers	(1)	(1)	3.0	2.8	(1)	(1)	3.3	2.8	13.9
No previous work experience	22.3	25.7	12.6	12.1	11.1	13.3	15.6	14.1	.8
OCCUPATION									
Total	29.6	31.5	100.0	100.0	11.9	13.8	100.0	100.0	100.0
White-collar workers	27.0	31.2	18.9	21.5	13.7	12.3	23.9	19.3	44.0
Professional and technical	29.4	33.3	3.3	3.9	16.0	8.3	4.5	2.2	12.1
Managers, officials, and proprietors	(1)	(1)	3.4	2.9	(1)	(1)	4.7	2.8	10.2
Clerical workers	24.0	30.8	8.8	11.1	12.2	14.3	11.1	11.7	15.4
Sales workers	26.3	24.6	3.4	3.6	10.9	7.7	3.6	2.6	6.4
Blue-collar workers	33.6	35.3	52.4	50.4	11.1	14.4	43.1	46.8	36.7
Craftsmen and foremen	36.5	36.8	14.5	12.1	12.5	13.0	12.3	9.7	12.5
Operatives	31.5	32.7	26.4	24.9	11.1	15.5	23.2	27.0	18.9
Nonfarm laborers	35.4	39.9	11.6	13.3	9.3	13.3	7.6	10.1	5.4
Service workers	27.2	29.5	12.5	14.0	12.3	16.2	14.0	17.4	12.8
Private household workers	(1)	22.5	1.6	2.0	(1)	9.9	2.4	2.0	2.9
Other service workers	28.9	31.2	10.8	11.9	12.4	17.7	11.6	15.4	9.9
Farm workers	37.3	19.5	3.6	2.1	13.7	9.8	3.3	2.4	5.7
Farmers and farm managers	(1)	-	.1	-	(1)	-	.2	-	3.1
Farm laborers and foremen	37.0	20.2	3.5	2.1	13.0	10.1	3.1	2.4	2.6
No previous work experience	22.3	25.7	12.6	12.1	11.1	13.3	15.6	14.1	.8

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

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Table A-10: 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		
	Apr. 1965	Apr. 1964	Apr. 1965	Apr. 1964	Apr. 1965	Apr. 1964	Apr. 1965	Apr. 1964	
AGE									
Total	29.6	31.5	100.0	100.0	11.9	13.8	100.0	100.0	100.0
Male	33.5	34.9	66.8	66.3	13.8	15.4	68.1	66.7	65.0
14 to 19 years	27.7	25.8	13.3	11.7	10.5	14.5	12.5	14.9	4.9
20 to 24 years	22.1	27.4	7.3	7.9	8.3	8.9	6.9	5.9	6.5
25 to 44 years	34.8	34.0	21.4	19.1	14.1	10.1	21.5	12.9	28.2
45 years and over	43.8	46.5	24.8	27.6	19.3	24.4	27.2	33.0	25.4
Female	23.9	26.4	33.2	33.7	9.2	11.5	31.9	33.3	35.0
14 to 19 years	13.8	15.7	5.6	4.6	5.1	6.9	5.2	4.6	3.3
20 to 24 years	20.7	27.1	4.4	6.0	6.3	11.0	3.3	5.5	4.4
25 to 44 years	28.7	29.8	13.5	13.2	12.5	12.2	14.7	12.3	13.5
45 years and over	31.9	31.2	9.6	10.0	11.7	15.0	8.7	10.9	13.8
COLOR									
Total	29.6	31.5	100.0	100.0	11.9	13.8	100.0	100.0	100.0
White, total	28.7	30.2	79.5	76.7	10.8	13.0	73.8	75.1	89.0
Male	32.1	33.8	53.5	52.2	12.3	14.1	51.1	49.5	58.5
Female	23.7	24.5	26.0	24.5	8.3	11.2	22.7	25.6	30.5
Nonwhite, total	33.2	37.0	20.5	23.3	17.1	17.4	26.2	24.9	11.0
Male	40.9	39.9	13.3	14.1	21.1	21.3	17.0	17.1	6.5
Female	24.4	33.6	7.1	9.2	12.7	12.4	9.2	7.7	4.5
MARITAL STATUS									
Total	29.6	31.5	100.0	100.0	11.9	13.8	100.0	100.0	100.0
Male	33.5	34.9	66.8	66.2	13.8	15.4	68.1	66.7	65.0
Married, wife present	36.4	38.9	33.5	34.5	14.3	14.4	32.6	28.9	50.2
Single	30.7	28.2	26.5	22.6	12.4	15.0	27.0	27.3	11.4
14 to 19 years	28.1	26.3	13.0	11.6	10.9	14.9	12.5	14.9	4.7
20 years and over	33.6	30.2	13.5	11.0	14.5	14.9	14.4	12.3	6.7
Other marital status	33.0	44.0	6.7	9.1	17.2	21.8	8.7	10.3	3.4
Female	23.9	26.4	33.2	33.7	9.2	11.5	31.9	33.3	35.0
Married, husband present	27.2	27.8	16.7	16.6	10.2	11.5	15.6	15.7	19.7
Single	17.0	21.3	8.6	8.3	5.3	9.8	6.4	8.8	8.0
14 to 19 years	13.6	16.2	4.7	4.1	4.7	7.6	4.0	4.4	2.9
20 years and over	25.2	31.1	3.9	4.1	6.1	14.6	2.4	4.4	5.2
Other marital status	29.1	30.6	8.0	8.9	14.2	13.6	9.7	9.0	7.2

Table A-11: 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		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	2,954	3,134	3,303	597	605	619	16.8	16.2	15.8
Male	1,768	1,969	2,008	323	313	337	15.4	13.7	14.4
14 to 19 years	271	218	317	234	230	242	46.3	51.3	43.3
Major activity:									
Going to school	74	22	120	203	215	237	73.3	90.7	66.4
All other	197	196	197	31	15	6	13.6	7.1	3.0
20 to 24 years	307	336	326	41	34	32	11.8	9.2	8.9
25 to 54 years	896	1,069	1,039	13	20	12	1.4	1.8	1.1
55 years and over	295	345	325	36	32	51	10.9	8.5	13.6
Female	1,186	1,165	1,295	274	292	282	18.8	20.0	17.9
14 to 19 years	299	239	247	130	96	116	30.3	28.7	32.0
Major activity:									
Going to school	115	43	98	114	93	101	49.8	68.4	50.8
All other	184	197	149	16	4	16	8.0	2.0	9.7
20 to 24 years	202	220	245	19	38	28	8.6	14.7	10.3
25 to 54 years	557	606	670	90	122	109	13.9	16.8	14.0
55 years and over	129	101	134	36	36	29	21.8	26.3	17.8

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Table A-12: Total labor force, by age and sex

Age and sex	Thousands of persons			Labor force participation rate		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	77,307	76,612	76,544	56.9	56.5	57.3
Male	51,168	50,628	50,665	77.7	77.0	78.1
14 to 19 years	4,167	3,745	3,941	40.9	36.9	40.2
14 and 15 years	630	509	664	17.8	14.4	18.9
16 and 17 years	1,432	1,244	1,422	40.5	35.1	40.3
18 and 19 years	2,105	1,991	1,855	67.4	64.6	67.1
20 to 24 years	5,778	5,712	5,520	86.5	85.8	86.0
25 to 34 years	10,633	10,627	10,604	97.3	97.3	97.3
35 to 44 years	11,526	11,516	11,592	97.4	97.2	97.6
45 to 54 years	10,140	10,105	10,071	95.8	95.6	96.3
55 to 64 years	6,802	6,782	6,742	85.3	85.1	85.9
60 to 64 years	3,933	3,904	3,939	90.5	89.9	92.0
65 years and over	2,869	2,878	2,803	79.1	79.4	78.6
Female	26,139	25,984	25,878	37.3	37.2	37.6
14 to 19 years	2,470	2,410	2,349	24.8	24.3	24.5
14 and 15 years	277	317	359	8.1	9.2	10.5
16 and 17 years	801	767	774	23.2	22.1	22.5
18 and 19 years	1,392	1,326	1,216	45.2	43.6	44.5
20 to 24 years	3,283	3,300	3,230	49.0	49.4	50.0
25 to 34 years	4,302	4,371	4,298	38.3	38.9	38.3
35 to 44 years	5,820	5,692	5,671	46.8	45.7	45.4
45 to 54 years	5,634	5,627	5,727	50.4	50.4	52.0
55 to 64 years	3,607	3,560	3,575	41.4	41.0	41.9
55 to 59 years	2,208	2,178	2,199	47.3	46.7	48.0
60 to 64 years	1,399	1,382	1,376	34.7	34.3	34.8
65 years and over	1,024	1,022	1,029	10.5	10.5	10.8

Table A-13: Employed persons, by age and sex

Age and sex	(In thousands)					
	Male			Female		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
All industries	46,422	45,675	45,607	24,648	24,494	24,271
14 to 19 years	3,171	2,801	2,880	2,035	2,068	1,979
20 to 24 years	4,498	4,404	4,210	3,051	3,031	2,945
25 to 34 years	9,576	9,512	9,505	4,059	4,086	4,033
35 to 44 years	10,794	10,734	10,830	5,557	5,439	5,376
45 to 54 years	9,790	9,677	9,628	5,479	5,425	5,494
55 to 64 years	6,564	6,503	6,461	3,480	3,458	3,447
65 years and over	2,028	2,043	2,092	966	988	995
Nonagricultural industries	42,683	42,253	41,891	23,913	23,927	23,557
14 to 19 years	2,668	2,431	2,393	1,976	2,031	1,923
20 to 24 years	4,247	4,182	3,960	3,001	3,005	2,918
25 to 34 years	9,134	9,098	9,038	3,974	4,021	3,912
35 to 44 years	10,159	10,129	10,234	5,387	5,301	5,235
45 to 54 years	9,018	8,960	8,922	5,294	5,280	5,334
55 to 64 years	5,849	5,818	5,739	3,350	3,351	3,307
65 years and over	1,609	1,635	1,603	932	937	929
Agriculture	3,738	3,422	3,716	735	567	713
14 to 19 years	504	370	488	59	37	57
20 to 24 years	250	223	250	51	26	28
25 to 34 years	443	414	467	85	63	121
35 to 44 years	635	605	596	170	137	141
45 to 54 years	772	716	705	185	145	160
55 to 64 years	715	685	722	130	107	140
65 years and over	420	408	490	54	51	66

Table A-14: Employed persons, by class of worker and occupation

Characteristics	(In thousands)								
	Total			Male			Female		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
CLASS OF WORKER									
Total	71,070	70,169	69,877	46,422	45,675	45,607	24,648	24,494	24,271
Nonagricultural industries	66,599	66,180	65,448	42,686	42,253	41,891	23,913	23,927	23,557
Wage and salary workers	59,550	59,335	58,559	37,654	37,390	36,990	21,896	21,944	21,569
Private household workers	2,378	2,345	2,741	341	188	343	2,037	2,158	2,398
Government workers	9,508	9,668	9,652	5,574	5,607	5,719	3,934	4,061	3,932
Other wage and salary workers	47,664	47,322	46,166	31,739	31,595	30,928	15,925	15,725	15,239
Self-employed workers	6,407	6,193	6,289	4,950	4,796	4,847	1,457	1,397	1,441
Unpaid family workers	643	652	603	82	67	56	560	586	547
Agriculture	4,471	3,989	4,429	3,736	3,422	3,716	735	567	713
Wage and salary workers	1,280	1,161	1,323	1,118	1,035	1,187	162	126	136
Self-employed workers	2,408	2,265	2,344	2,261	2,147	2,207	147	117	137
Unpaid family workers	782	563	759	356	239	319	426	324	440
OCCUPATION									
Total	71,070	70,169	69,877	46,422	45,675	45,607	24,648	24,494	24,271
White-collar workers	32,090	32,028	31,278	18,022	18,002	17,769	14,066	14,026	13,507
Professional and technical	8,876	9,035	8,670	5,553	5,586	5,503	3,323	3,448	3,166
Managers, officials, and proprietors	7,483	7,483	7,610	6,377	6,381	6,458	1,106	1,102	1,151
Clerical workers	11,094	10,963	10,721	3,338	3,255	3,238	7,756	7,709	7,483
Sales workers	4,637	4,547	4,277	2,754	2,780	2,570	1,881	1,767	1,707
Blue-collar workers	25,782	25,416	25,034	21,730	21,282	21,096	4,053	4,138	3,942
Craftsmen and foremen	8,918	8,721	8,600	8,638	8,457	8,371	281	265	231
Operatives	13,196	13,132	12,819	9,540	9,361	9,198	3,656	3,753	3,621
Nonfarm laborers	3,668	3,563	3,615	3,552	3,444	3,527	116	120	90
Service workers	9,063	9,018	9,480	3,208	3,198	3,303	5,854	5,819	6,177
Private household workers	2,077	2,175	2,432	52	56	66	2,025	2,119	2,366
Other service workers	6,986	6,843	7,048	3,156	3,142	3,237	3,829	3,701	3,811
Farm workers	4,136	3,709	4,087	3,463	3,196	3,439	674	512	648
Farmers and farm managers	2,325	2,226	2,293	2,186	2,110	2,156	140	116	137
Farm laborers and foremen	1,811	1,483	1,794	1,277	1,086	1,283	534	396	511

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Table A-15: Employed persons, by hours worked

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	71,070	70,169	69,877	66,597	66,180	65,448	4,473	3,989	4,429
With a job but not at work	2,945	2,437	2,238	2,798	2,216	2,115	147	221	124
At work	68,125	67,732	67,639	63,801	63,964	63,336	4,323	3,768	4,303
1-34 hours	17,534	13,323	13,285	16,117	11,981	11,885	1,417	1,341	1,400
1-4 hours	992	1,126	1,023	938	1,062	950	53	63	72
5-14 hours	3,336	3,518	3,554	3,038	3,163	3,256	297	356	302
15-34 hours	13,207	8,679	8,705	12,140	7,758	7,676	1,067	921	1,029
35 hours or more	50,591	54,411	54,353	47,686	51,983	51,452	2,907	2,427	2,903
35-40 hours	29,899	31,996	31,878	29,187	31,371	31,279	712	625	599
41 hours and over	20,692	22,415	22,475	18,499	20,612	20,173	2,195	1,802	2,304
Average hours, total at work	39.6	40.2	40.3	39.2	40.0	40.0	45.3	42.5	45.7

Table A-16: Employed persons, by full- or part-time status

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	71,070	70,169	69,877	66,597	66,180	65,448
With a job but not at work	2,945	2,437	2,238	2,798	2,216	2,115
At work	68,125	67,732	67,639	63,801	63,964	63,336
On full-time schedules	57,485	57,100	56,457	54,337	54,281	53,306
35 hours or more	50,591	54,411	54,353	47,686	51,983	51,452
1-34 hours for noneconomic reasons	6,894	2,689	2,104	6,651	2,298	1,854
Bad weather	545	740	490	374	448	346
Industrial dispute	29	16	12	29	16	12
Vacation	512	129	188	510	127	177
Illness	705	1,111	702	677	1,073	657
Holiday	4,406	35	24	4,393	35	24
All other reasons	696	658	688	667	599	638
On part time for economic reasons	2,002	2,175	2,330	1,783	1,908	2,122
Usually work full time	972	1,096	1,139	862	910	1,053
Average hours	22.8	21.6	24.1	23.0	22.5	24.3
Usually work part time	1,030	1,079	1,191	921	998	1,069
Average hours	18.6	18.2	17.8	18.3	18.6	17.8
On part time for noneconomic reasons, usually work part time	8,637	8,458	8,851	7,682	7,775	7,907

Table A-17: 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								
				Total			Wage and salary workers					
	Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964	Number			Percent paid		
							Apr. 1965	Mar. 1965	Apr. 1964	Apr. 1965	Mar. 1965	Apr. 1964
Total	2,945	2,437	2,238	2,798	2,216	2,115	2,473	1,891	1,809	52.9	40.5	44.1
Bad weather	64	145	84	49	105	46	23	62	29	-	(1)	-
Industrial dispute	35	39	6	35	39	6	35	39	6	-	-	-
Vacation	1,191	401	546	1,189	397	538	1,108	345	484	78.2	83.2	83.5
Illness	1,070	1,242	1,012	996	1,143	966	891	1,034	848	35.1	36.0	38.3
All other reasons	585	611	590	528	532	558	416	411	442	30.0	25.3	15.8

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

Table A-18: Employment status of the noninstitutional population, by age and sex

April 1965
(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	51,168	77.7	48,513	46,422	3,738	42,683	2,091	4.3	14,649	148	6,385	1,109	7,007	
14 and 15 years	630	17.8	630	589	149	440	41	6.6	2,904	3	2,715	7	179	
16 and 17 years	1,432	40.5	1,382	1,146	207	939	236	17.1	2,105	10	1,912	16	166	
18 and 19 years	2,105	67.4	1,664	1,437	148	1,289	227	13.7	1,018	7	899	12	99	
20 to 24 years	5,778	86.5	4,846	4,498	250	4,247	348	7.2	899	1	728	31	139	
25 to 29 years	5,346	96.8	4,925	4,757	176	4,582	167	3.4	174	2	98	15	60	
30 to 34 years	5,287	97.8	4,961	4,819	267	4,552	142	2.9	119	4	16	30	68	
35 to 39 years	5,683	97.3	5,457	5,292	280	5,012	165	3.0	158	3	7	54	93	
40 to 44 years	5,843	97.4	5,673	5,502	355	5,147	170	3.0	154	9	5	49	90	
45 to 49 years	5,321	96.5	5,257	5,121	356	4,765	136	2.6	192	5	2	65	120	
50 to 54 years	4,819	95.0	4,798	4,669	416	4,253	128	2.7	253	4	1	83	164	
55 to 59 years	3,933	90.5	3,929	3,792	358	3,434	138	3.5	415	5	0	131	279	
60 to 64 years	2,869	79.1	2,868	2,772	357	2,415	96	3.3	760	12	0	147	601	
65 to 69 years	1,214	43.3	1,214	1,150	200	951	64	5.2	1,589	16	0	125	1,448	
70 years and over	912	18.9	912	878	220	658	33	3.7	3,910	67	0	345	3,499	
White	46,088	78.1	43,658	41,909	3,273	38,635	1,749	4.0	12,956	127	5,587	933	6,309	
Nonwhite	5,081	75.0	4,856	4,513	465	4,048	342	7.0	1,693	21	798	176	698	
Female	26,139	37.3	26,108	24,648	735	23,913	1,460	5.6	43,855	35,284	6,662	607	1,303	
14 and 15 years	277	8.1	277	260	19	241	17	6.2	3,156	49	2,877	6	224	
16 and 17 years	801	23.2	801	637	19	617	164	20.5	2,653	239	2,241	9	165	
18 and 19 years	1,392	45.2	1,385	1,138	20	1,119	246	17.8	1,690	630	963	2	95	
20 to 24 years	3,283	49.0	3,273	3,051	51	3,001	222	6.8	3,422	2,883	469	19	50	
25 to 29 years	2,186	38.6	2,182	2,075	41	2,034	107	4.9	3,480	3,399	38	14	29	
30 to 34 years	2,116	37.9	2,113	1,984	44	1,940	129	6.1	3,465	3,402	21	14	28	
35 to 39 years	2,679	43.9	2,677	2,552	87	2,465	125	4.7	3,422	3,350	21	7	44	
40 to 44 years	3,141	49.6	3,139	3,005	83	2,922	134	4.3	3,198	3,118	16	26	38	
45 to 49 years	2,982	51.2	2,981	2,890	109	2,781	91	3.0	2,840	2,754	10	26	51	
50 to 54 years	2,652	49.4	2,651	2,589	76	2,513	62	2.3	2,715	2,639	1	29	45	
55 to 59 years	2,208	47.3	2,208	2,128	61	2,067	80	3.6	2,464	2,384	0	40	41	
60 to 64 years	1,399	34.7	1,399	1,352	69	1,283	46	3.3	2,634	2,547	2	33	52	
65 to 69 years	608	18.1	608	584	22	562	24	3.9	2,752	2,605	2	42	103	
70 years and over	416	6.5	416	402	32	370	14	3.3	5,966	5,285	2	340	338	
White	22,751	36.5	22,723	21,570	636	20,934	1,153	5.1	39,665	32,243	5,760	513	1,149	
Nonwhite	3,388	44.7	3,385	3,078	99	2,979	307	9.1	4,190	3,041	902	93	154	

Table A-19: Nonagricultural wage and salary workers, by full- or part-time status, hours of work, and industry

April 1965
(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 ¹	100.0	85.7	1.3	1.5	11.5	100.0	25.4	48.6	13.4	12.6
Construction	100.0	91.1	3.0	2.1	3.7	100.0	21.2	52.3	16.1	10.3
Manufacturing	100.0	94.4	2.1	.4	3.2	100.0	22.3	54.2	13.9	9.7
Durable goods	100.0	96.9	1.3	.3	1.6	100.0	22.0	54.2	13.6	10.3
Nondurable goods	100.0	91.1	3.0	.5	5.3	100.0	22.5	54.0	14.4	9.0
Transportation and public utilities	100.0	94.4	.8	.9	3.9	100.0	12.1	61.3	11.7	14.9
Wholesale and retail trade	100.0	76.9	1.2	2.0	19.8	100.0	26.4	37.7	17.4	18.4
Finance, insurance, and real estate	100.0	90.1	.4	.7	8.8	100.0	23.1	54.8	9.7	12.4
Service industries	100.0	73.1	.7	3.0	23.2	100.0	37.5	39.5	10.9	12.1

¹Includes forestry and fisheries, mining and public administration, not shown separately.

Table A-20: Persons at work in nonfarm occupations by full- or part-time status, hours of work, and occupation

April 1965
(Percent distribution)

Occupation	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	Average hours, total at work
				Economic reasons		Other reasons						
	Thousands	Percent		Usually work full time	Usually work part time	Usually work part time						
White-collar workers	30,634	100.0	86.8	0.5	0.6	12.1	100.0	23.6	45.4	12.3	18.7	40.2
Professional and technical	8,252	100.0	89.2	.4	.5	10.0	100.0	27.1	44.2	11.5	17.3	39.4
Managers, officials, and proprietors	7,197	100.0	95.0	.5	.4	4.1	100.0	10.3	32.6	16.5	40.6	48.8
Clerical workers	10,697	100.0	85.4	.5	.7	13.4	100.0	26.5	59.4	8.9	5.2	36.5
Sales workers	4,488	100.0	72.6	.5	1.2	25.6	100.0	31.6	34.5	15.1	18.7	36.8
Blue-collar workers	24,822	100.0	90.2	2.4	1.5	6.0	100.0	22.1	49.7	15.3	13.0	39.6
Craftsmen and foremen	8,613	100.0	94.9	1.9	.8	2.6	100.0	16.0	51.4	17.6	15.2	41.4
Operatives	12,692	100.0	91.1	2.9	1.2	4.9	100.0	23.0	49.8	14.3	13.0	39.8
Nonfarm laborers	3,517	100.0	75.5	2.3	4.3	17.9	100.0	33.6	45.1	13.4	7.9	34.8
Service workers	8,675	100.0	64.8	1.3	4.3	29.5	100.0	40.3	35.3	11.4	12.9	34.1
Private household workers	2,017	100.0	37.5	1.0	9.4	52.1	100.0	66.1	19.5	6.9	7.5	24.0
Other service workers	6,658	100.0	73.3	1.4	2.8	22.6	100.0	32.5	40.1	12.9	14.6	37.2

Table A-21: Occupation group of employed persons, by sex and color

April 1965

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total	71,070	46,422	24,648	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	32,090	18,022	14,066	45.2	38.8	57.1	48.1	41.2	61.6	20.2	16.8	25.3
Professional and technical	8,876	5,553	3,323	12.5	12.0	13.5	13.1	12.6	14.2	7.2	6.1	8.7
Medical and other health	1,529	596	933	2.2	1.3	3.8	2.3	1.3	4.0	1.2	.7	2.0
Teachers, except college	1,995	614	1,381	2.8	1.3	5.6	2.8	1.3	5.7	2.9	1.3	5.2
Other professional and technical	5,352	4,343	1,009	7.5	9.4	4.1	8.1	9.9	4.5	3.1	4.2	1.5
Managers, officials, and proprietors	7,483	6,377	1,106	10.5	13.7	4.5	11.5	14.9	4.9	2.5	3.1	1.6
Salaries workers	4,393	3,729	664	6.2	8.0	2.7	6.8	8.8	3.0	1.0	1.4	.5
Self-employed workers in retail trade	1,437	1,138	299	2.0	2.5	1.2	2.2	2.6	1.3	.7	.7	.7
Self-employed workers, except retail trade	1,653	1,510	143	2.3	3.3	.6	2.5	3.5	.6	.8	1.1	.4
Clerical workers	11,094	3,338	7,756	15.6	7.2	31.5	16.5	7.4	34.1	8.3	5.2	12.9
Stenographers, typists, and secretaries	2,798	49	2,749	3.9	.1	11.2	4.3	.1	12.3	1.2	.1	3.0
Other clerical workers	8,296	3,289	5,007	11.7	7.1	20.3	12.2	7.3	21.8	7.1	5.1	9.9
Sales workers	4,637	2,754	1,881	6.5	5.9	7.6	7.0	6.3	8.4	2.3	2.3	2.1
Retail trade	2,869	1,209	1,659	4.0	2.6	6.7	4.3	2.7	7.4	1.7	1.6	1.9
Other sales workers	1,768	1,545	222	2.5	3.3	.9	2.7	3.6	1.0	.6	.8	.3
Blue-collar workers	25,782	21,730	4,053	36.3	46.8	16.4	35.7	45.6	16.4	41.3	58.3	16.5
Craftsmen, foremen	8,918	8,638	281	12.5	18.6	1.1	13.3	19.5	1.2	6.5	10.7	.5
Carpenters	786	787	-	1.1	1.7	-	1.2	1.8	(1)	.5	.9	-
Construction craftsmen, except carpenters	1,761	1,751	9	2.5	3.8	(1)	2.5	3.8	(1)	1.9	3.2	.1
Mechanics and repairmen	2,277	2,261	17	3.2	4.5	.1	3.4	5.1	.1	1.9	3.2	(1)
Metal craftsmen, except mechanics	1,155	1,142	13	1.6	2.5	.1	1.7	2.6	.1	.6	1.0	(1)
Other craftsmen and kindred workers	1,724	1,578	146	2.4	3.4	.6	2.6	3.6	.6	1.1	1.7	.3
Foremen, not elsewhere classified	1,215	1,119	96	1.7	2.4	.4	1.9	2.6	.4	.4	.6	.1
Operatives	13,196	9,540	3,656	18.6	20.6	14.8	18.2	19.9	14.8	21.9	26.4	15.3
Drivers and deliverymen	2,496	2,457	39	3.5	5.3	.2	3.4	5.1	.2	4.3	7.3	(1)
Other operatives	10,700	7,083	3,617	15.1	15.3	14.7	14.8	14.8	14.6	17.6	19.1	15.3
Durable goods manufacturing	4,258	3,278	980	6.0	7.1	4.0	5.9	6.9	4.1	6.4	8.7	2.9
Nondurable goods manufacturing	3,655	1,758	1,896	5.1	3.8	7.7	5.2	3.8	8.0	4.6	3.9	5.6
Other industries	2,787	2,047	741	3.9	4.4	3.0	3.6	4.2	2.5	6.6	6.5	6.8
Nonfarm laborers	3,668	3,552	116	5.2	7.7	.5	4.2	6.2	.4	12.9	21.2	.7
Construction	747	741	6	1.1	1.6	(1)	.8	1.2	(1)	2.9	4.9	-
Manufacturing	1,087	1,036	51	1.5	2.2	.2	1.3	1.8	.2	3.6	6.0	.2
Other industries	1,834	1,775	59	2.6	3.8	.2	2.1	3.1	.2	6.3	10.3	.5
Service workers	9,063	3,208	5,854	12.8	6.9	23.8	10.5	6.0	19.2	31.7	15.6	55.3
Private household workers	2,077	52	2,025	2.9	.1	8.2	1.8	.1	5.1	12.3	.3	29.9
Service workers, except private household	6,986	3,156	3,829	9.8	6.8	15.5	8.7	5.9	14.1	19.4	15.3	25.4
Protective service workers	884	830	54	1.2	1.8	.2	1.4	1.9	.2	.3	.5	.1
Waiters, cooks, and bartenders	1,918	532	1,385	2.7	1.1	5.6	2.6	1.0	5.6	3.8	2.3	6.0
Other service workers	4,184	1,794	2,390	5.9	3.9	9.7	4.8	2.9	8.3	15.3	12.5	19.3
Farm workers	4,136	3,463	674	5.8	7.5	2.7	5.7	7.3	2.7	6.7	9.4	2.9
Farmers and farm managers	2,325	2,186	140	3.3	4.7	.6	3.4	4.8	.6	2.2	3.4	.5
Farm laborers and foremen	1,811	1,277	534	2.5	2.8	2.2	2.3	2.4	2.1	4.5	5.9	2.4
Paid workers	1,051	927	124	1.5	2.0	.5	1.2	1.7	.4	3.6	5.2	1.3
Unpaid family workers	760	350	410	1.1	.8	1.7	1.1	.8	1.7	.9	.8	1.2

¹ Less than 0.05.

Table A-22: Persons at work in nonagricultural industries, by full-time and part-time status, hours of work, and selected characteristics

April 1965
(Percent distribution)

Characteristics	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
				Economic reasons		Other reasons					
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time						
AGE AND SEX											
Total	63,801	100.0	85.1	1.4	1.4	12.0	100.0	25.2	45.8	29.0	39.2
Male	41,148	100.0	91.2	1.2	1.0	6.6	100.0	18.5	44.9	36.6	41.9
14 to 17 years	1,351	100.0	13.8	.9	2.0	83.3	100.0	87.9	7.6	4.5	16.3
18 and 19 years	1,248	100.0	61.4	1.8	2.6	34.2	100.0	43.2	33.4	23.4	32.7
20 to 24 years	4,119	100.0	89.3	1.7	1.3	7.8	100.0	19.2	46.8	34.1	40.7
25 to 34 years	8,874	100.0	96.7	1.4	.6	1.3	100.0	13.9	46.7	39.4	43.6
35 to 44 years	9,830	100.0	97.6	.9	.7	.7	100.0	12.2	46.4	41.3	44.3
45 to 64 years	14,265	100.0	95.9	1.3	1.0	1.9	100.0	14.9	47.9	37.3	43.3
65 years and over	1,461	100.0	69.1	.8	2.0	28.2	100.0	38.1	34.1	27.9	36.4
Female	22,653	100.0	74.2	1.6	2.3	21.8	100.0	37.5	47.2	15.2	34.2
14 to 17 years	847	100.0	9.3	.4	1.3	89.1	100.0	91.1	7.2	1.8	12.8
18 and 19 years	1,094	100.0	65.7	2.4	3.4	28.5	100.0	42.2	47.7	10.1	31.4
20 to 24 years	2,835	100.0	83.8	1.2	2.4	12.6	100.0	29.5	57.6	12.9	35.4
25 to 34 years	3,741	100.0	77.4	2.1	1.7	18.9	100.0	36.1	50.5	13.5	34.5
35 to 44 years	5,101	100.0	76.2	1.4	2.6	19.7	100.0	35.7	48.8	15.4	35.1
45 to 64 years	8,175	100.0	78.6	1.6	2.2	17.5	100.0	34.0	47.4	18.5	36.2
65 years and over	860	100.0	51.6	.9	2.8	44.7	100.0	54.7	26.7	18.6	30.0
MARITAL STATUS AND SEX											
Male: Single	6,484	100.0	68.3	1.4	2.1	28.2	100.0	39.4	39.6	21.0	33.5
Married, wife present	32,628	100.0	95.9	1.1	.6	2.4	100.0	14.1	45.8	40.1	43.6
Other	2,036	100.0	89.1	2.2	3.1	5.7	100.0	21.6	48.5	30.0	40.6
Female: Single	5,191	100.0	72.1	.8	2.3	24.9	100.0	40.6	47.2	12.3	31.9
Married, husband present	12,734	100.0	73.4	1.7	1.9	23.1	100.0	38.7	46.6	14.8	34.3
Other	4,729	100.0	79.3	2.1	3.4	15.2	100.0	31.1	49.2	19.7	36.7
COLOR AND SEX											
White	57,078	100.0	85.6	1.2	1.0	12.1	100.0	24.8	45.3	29.8	39.4
Male	37,251	100.0	91.3	1.1	.8	6.8	100.0	18.3	44.1	37.6	42.1
Female	19,827	100.0	75.0	1.5	1.5	22.1	100.0	37.4	47.5	15.2	34.3
Nonwhite	6,723	100.0	80.8	2.5	5.1	11.6	100.0	28.7	49.5	21.8	37.3
Male	3,897	100.0	88.9	2.7	3.1	5.3	100.0	21.3	52.3	26.4	39.7
Female	2,827	100.0	69.5	2.3	7.9	20.3	100.0	39.0	45.6	15.4	33.9

Table A-23: Persons at work, by hours of work, and class of worker

April 1965
(Percent distribution)

Hours of work	Total	Agriculture				Nonagricultural industries						
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers	Total	Wage and salary workers			Self-employed workers	Unpaid family workers	
							Total	Private households	Government			Other
Total at work .. thousands	68,125	4,323	1,250	2,291	782	63,801	57,079	2,317	8,776	45,986	6,081	641
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 to 34 hours	25.8	32.8	31.4	23.1	63.3	25.2	25.4	66.9	24.4	23.5	22.5	39.8
1 to 14 hours	6.4	8.1	10.3	9.7	.0	6.2	6.0	40.5	4.0	4.7	8.8	.0
15 to 21 hours	5.4	11.4	10.5	4.5	33.0	5.0	4.7	12.9	3.9	4.4	5.9	21.7
22 to 29 hours	4.8	7.5	5.7	4.2	20.2	4.6	4.7	8.4	6.2	4.2	3.3	10.2
30 to 34 hours	9.2	5.8	4.9	4.7	10.1	9.4	10.0	5.1	10.3	10.2	4.5	7.9
35 to 40 hours	43.9	16.4	21.9	13.4	16.9	45.8	48.6	19.3	54.8	48.9	21.5	19.4
35 to 39 hours	6.8	6.7	5.2	6.1	11.2	6.8	7.0	5.7	6.5	7.2	4.3	7.7
40 hours	37.1	9.7	16.7	7.3	5.7	39.0	41.6	13.6	48.3	41.7	17.2	11.7
41 hours and over	30.4	50.7	46.6	63.6	19.8	29.0	25.9	13.6	20.6	27.7	56.0	40.8
41 to 47 hours	7.1	4.4	4.7	4.7	3.2	7.3	7.3	3.8	6.1	7.8	6.3	6.9
48 hours	6.0	4.4	4.6	4.9	2.6	6.1	6.0	2.7	4.3	6.5	6.5	5.9
49 hours and over	17.3	41.9	37.3	54.0	14.0	15.6	12.6	7.1	10.2	13.4	43.2	28.0
49 to 54 hours	5.9	7.6	9.5	8.1	2.9	5.8	5.3	2.6	4.1	5.7	10.4	9.6
55 to 59 hours	2.4	3.5	3.9	3.7	2.4	2.3	2.1	1.1	1.5	2.3	4.4	1.8
60 to 69 hours	4.7	11.9	11.7	15.2	2.8	4.2	3.2	1.9	2.5	3.3	13.5	7.9
70 hours and over	4.3	18.9	12.2	27.0	5.9	3.3	2.0	1.5	2.1	2.1	14.9	8.7
Average hours, total at work	39.6	45.3	42.6	51.1	32.6	39.2	38.4	23.4	38.5	39.1	46.4	40.0

HOUSEHOLD DATA SEASONALLY ADJUSTED

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Table A-24: Summary employment and unemployment estimates, seasonally adjusted

(In thousands)

Employment status	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
Total labor force	78,063	77,647	77,755	77,621	77,432	77,140	76,996	77,023	77,006	76,928	77,049	77,225	77,252
Civilian labor force	75,377	74,944	75,051	74,914	74,706	74,409	74,259	74,280	74,255	74,188	74,305	74,477	74,507
Employed	71,717	71,440	71,304	71,304	71,284	71,004	70,755	70,379	70,465	70,458	70,496	70,345	70,639
Agriculture	4,843	4,550	4,595	4,513	4,541	4,671	4,721	4,815	4,817	4,864	4,826	4,849	4,791
Nonagricultural industries	66,874	66,890	66,709	66,771	66,463	66,034	65,658	65,650	65,641	65,632	65,519	65,790	65,695
Unemployed	3,660	3,504	3,747	3,630	3,702	3,654	3,830	3,815	3,797	3,692	3,960	3,838	4,021

Table A-25: Seasonally adjusted rates of unemployment

Selected unemployment rates	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
Total (all civilian workers)	4.9	4.7	5.0	4.8	5.0	4.9	5.2	5.1	5.1	5.0	5.3	5.2	5.4
Men, 20 years and over	3.4	3.3	3.6	3.5	3.5	3.5	4.0	3.8	3.7	3.8	4.0	3.7	3.9
20-24 years	7.1	6.3	6.9	7.1	6.8	7.5	9.1	8.6	8.1	7.9	8.5	7.6	7.7
25 years and over	3.0	3.0	3.2	3.1	3.1	3.0	3.4	3.2	3.2	3.2	3.4	3.2	3.4
Women, 20 years and over	4.6	4.6	5.1	4.5	4.7	5.0	5.1	5.0	5.0	5.0	5.1	5.1	5.4
Both sexes, 14-19 years	15.2	13.9	14.4	15.2	15.7	14.3	14.3	14.3	15.0	13.2	15.2	15.4	15.8
Married men (wife present)	2.5	2.5	2.6	2.7	2.6	2.4	2.9	2.8	2.6	2.7	2.8	2.6	2.8
Experienced wage and salary workers	4.5	4.3	4.6	4.5	4.5	4.7	5.0	4.9	4.9	4.8	5.3	4.9	5.1
Labor force time lost	5.3	5.1	5.4	5.3	5.3	5.2	5.7	5.7	5.7	5.7	6.1	5.7	5.9

Table A-26: Unemployed persons, by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
Less than 5 weeks	1,858	1,719	1,752	1,663	1,719	1,593	1,817	1,806	1,824	1,615	1,859	1,857	1,904
5 to 14 weeks	1,027	966	1,037	1,032	1,055	1,066	1,129	1,094	1,126	1,127	1,117	1,112	1,193
15 weeks and over:													
Number	809	800	905	823	889	932	933	924	910	962	1,066	938	952
Percent of civilian labor force	1.1	1.1	1.2	1.1	1.2	1.3	1.3	1.2	1.2	1.3	1.4	1.3	1.3

Table A-27: Employment status, by age and sex, seasonally adjusted

(In thousands)

Employment status, age and sex	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
Civilian labor force	75,377	74,944	75,051	74,914	74,706	74,409	74,259	74,280	74,255	74,188	74,305	74,477	74,507
Men, 20 years and over	44,947	44,943	45,038	44,930	44,687	44,593	44,642	44,617	44,644	44,688	44,587	44,665	44,617
Women, 20 years and over	23,455	23,380	23,501	23,489	23,375	23,159	23,110	23,058	23,107	23,005	23,182	23,194	23,322
Both sexes, 14 to 19 years	6,975	6,621	6,512	6,495	6,644	6,657	6,507	6,605	6,504	6,495	6,536	6,618	6,568
Employed, all industries	71,717	71,440	71,304	71,284	71,004	70,755	70,379	70,465	70,458	70,496	70,345	70,639	70,486
Men, 20 years and over	43,415	43,438	43,418	43,345	43,125	43,050	42,862	42,901	42,976	43,008	42,811	43,028	42,891
Women, 20 years and over	22,387	22,299	22,314	22,314	22,277	22,000	21,942	21,904	21,953	21,852	21,990	22,013	22,067
Both sexes, 14 to 19 years	5,915	5,703	5,572	5,505	5,602	5,705	5,575	5,660	5,529	5,636	5,544	5,598	5,528
Employed, nonagricultural industries	66,874	66,890	66,709	66,771	66,463	66,084	65,658	65,650	65,641	65,632	65,519	65,790	65,695
Men, 20 years and over	40,135	40,265	40,182	40,159	39,954	39,818	39,540	39,542	39,608	39,632	39,439	39,711	39,617
Women, 20 years and over	21,570	21,572	21,553	21,674	21,502	21,230	21,224	21,161	21,190	21,082	21,253	21,226	21,273
Both sexes, 14 to 19 years	5,169	5,053	4,974	4,938	5,007	5,036	4,894	4,947	4,843	4,918	4,827	4,853	4,805
Unemployed	3,660	3,504	3,747	3,630	3,702	3,654	3,880	3,815	3,797	3,692	3,960	3,838	4,021
Men, 20 years and over	1,532	1,505	1,620	1,585	1,562	1,543	1,780	1,716	1,668	1,680	1,776	1,637	1,726
Women, 20 years and over	1,068	1,081	1,187	1,055	1,098	1,159	1,168	1,154	1,154	1,153	1,192	1,181	1,255
Both sexes, 14 to 19 years	1,060	918	940	990	1,042	952	932	945	975	859	992	1,020	1,040

Table A-28: Persons at work in nonagricultural industries, by full- or part-time status, seasonally adjusted

(In thousands)

Full- or part-time status	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
On full-time schedules	53,906	54,335	54,147	54,175	53,682	53,303	52,495	52,789	53,033	53,161	52,554	52,749	52,883
On part time for economic reasons	1,825	1,959	1,997	2,128	2,132	1,949	2,098	2,108	2,077	2,154	2,262	2,149	2,167
Usually work full time	818	877	952	1,000	1,044	897	961	953	900	981	1,114	945	999
Usually work part time	1,007	1,082	1,045	1,128	1,088	1,052	1,137	1,155	1,177	1,173	1,148	1,204	1,168
On part time for noneconomic reasons; usually work part time	7,193	7,219	7,138	7,338	7,351	7,178	7,332	6,899	7,344	7,505	7,487	7,433	7,404

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	3,683	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	5,152	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	6,550	
1963.....	56,643	635	2,983	17,005	3,914	11,803	3,119	8,685	2,873	8,230	9,199	2,358	6,841	
1964.....	58,188	635	3,106	17,303	3,976	12,188	3,220	8,969	2,944	8,533	9,502	2,348	7,155	
1964:														
April.....	57,329	627	2,921	17,058	3,924	11,919	3,161	8,758	2,919	8,453	9,508	2,334	7,174	
May.....	57,874	634	3,130	17,135	3,952	12,031	3,170	8,861	2,931	8,548	9,513	2,332	7,181	
June.....	58,596	651	3,308	17,350	4,005	12,180	3,211	8,969	2,964	8,654	9,484	2,344	7,140	
July.....	58,418	646	3,424	17,299	4,031	12,173	3,245	8,928	2,998	8,698	9,149	2,355	6,794	
August.....	58,680	647	3,482	17,498	4,043	12,201	3,266	8,935	2,998	8,676	9,135	2,356	6,779	
September.....	59,258	645	3,391	17,792	4,045	12,243	3,258	8,985	2,972	8,661	9,509	2,320	7,189	
October.....	59,164	644	3,376	17,428	4,028	12,341	3,269	9,072	2,961	8,676	9,710	2,329	7,381	
November.....	59,441	643	3,273	17,638	4,013	12,518	3,272	9,246	2,958	8,608	9,790	2,352	7,438	
December.....	59,938	635	3,053	17,601	4,024	13,166	3,298	9,868	2,957	8,585	9,917	2,482	7,435	
1965:														
January.....	58,271	619	2,837	17,456	3,880	12,275	3,254	9,021	2,949	8,515	9,740	2,323	7,417	
February.....	58,398	616	2,756	17,538	3,933	12,209	3,252	8,957	2,960	8,564	9,822	2,319	7,503	
March.....	58,823	615	2,862	17,645	3,985	12,250	3,260	8,990	2,971	8,621	9,874	2,326	7,548	
April.....	59,549	627	3,027	17,723	4,001	12,512	3,266	9,246	2,985	8,750	9,924	2,341	7,583	

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
TOTAL	59,549	58,823	58,398	57,329	56,783	-	-	-	-	-
MINING	627	615	616	627	615	-	481	480	490	478
METAL MINING	-	84.2	83.5	82.8	80.9	-	70.5	69.8	69.0	67.1
Iron ores	-	28.1	27.2	26.6	25.1	-	23.9	23.1	22.8	21.2
Copper ores	-	29.3	29.2	28.6	28.5	-	24.1	24.1	23.5	23.4
COAL MINING	-	139.8	142.8	143.5	143.6	-	122.6	125.5	126.2	126.2
Bituminous	-	130.2	132.6	132.7	132.3	-	114.2	116.5	116.8	116.2
CRUDE PETROLEUM AND NATURAL GAS	-	279.0	279.8	283.2	282.4	-	195.5	195.6	198.0	197.3
Crude petroleum and natural gas fields	-	155.4	156.0	160.5	160.6	-	87.7	87.5	91.2	91.6
Oil and gas field services	-	123.6	123.8	122.7	121.8	-	107.8	108.1	106.8	105.7
QUARRYING AND NONMETALLIC MINING	-	112.3	109.4	117.6	107.9	-	92.0	89.1	97.1	87.5
CONTRACT CONSTRUCTION	3,027	2,862	2,756	2,921	2,707	-	2,393	2,289	2,467	2,260
GENERAL BUILDING CONTRACTORS	-	908.5	875.2	910.4	843.5	-	764.6	730.7	776.4	710.8
HEAVY CONSTRUCTION	-	482.1	444.6	553.6	469.3	-	403.7	366.8	472.8	389.6
Highway and street construction	-	222.1	197.1	278.5	217.5	-	188.1	163.6	244.3	183.8
Other heavy construction	-	260.0	247.5	275.1	251.8	-	215.6	203.2	228.5	205.8
SPECIAL TRADE CONTRACTORS	-	1,471.0	1,436.2	1,456.8	1,394.3	-	1,224.3	1,191.9	1,217.9	1,159.3
MANUFACTURING	17,723	17,645	17,538	17,058	17,005	13,174	13,116	13,011	12,592	12,543
DURABLE GOODS	10,253	10,167	10,101	9,756	9,692	7,608	7,530	7,467	7,160	7,095
NONDURABLE GOODS	7,470	7,478	7,437	7,302	7,313	5,566	5,586	5,544	5,432	5,448
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	240.5	241.7	242.3	266.5	269.0	98.5	100.2	100.6	109.8	110.7
Ammunition, except for small arms	182.6	183.6	183.8	202.4	203.6	63.1	64.7	64.7	69.8	70.4
Sighting and fire control equipment	-	11.6	11.7	13.4	14.5	-	4.8	4.8	5.6	6.0
Other ordnance and accessories	46.3	46.5	46.8	50.7	50.9	30.6	30.7	31.1	34.4	34.3
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	573.7	573.2	569.8	582.7	570.8	510.0	509.3	506.7	518.7	507.0
Logging camps and logging contractors	73.5	72.8	75.8	78.5	73.5	67.6	67.0	70.0	72.3	67.1
Sawmills and planing mills	246.2	247.5	244.6	251.5	248.1	225.1	225.9	223.5	228.9	225.9
Sawmills and planing mills, general	-	211.4	208.4	216.1	212.8	-	193.1	190.5	196.5	193.6
Millwork, plywood, and related products	150.8	150.1	148.3	152.1	150.1	127.2	126.4	124.8	128.8	126.9
Millwork	-	65.9	65.6	68.9	68.3	-	53.1	52.7	56.0	55.4
Veneer and plywood	-	69.6	68.6	68.1	67.5	-	63.9	63.0	62.8	62.3
Wooden containers	36.0	35.7	35.2	36.2	35.4	32.1	32.0	31.4	32.7	31.9
Wooden boxes, shooks, and crates	-	27.6	27.1	27.5	26.8	-	24.8	24.1	24.8	24.1
Miscellaneous wood products	67.2	67.1	65.9	64.4	63.7	58.0	58.0	57.0	56.0	55.2

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

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Durable Goods--Continued</i>										
FURNITURE AND FIXTURES	418.2	416.2	412.9	394.1	392.4	347.5	346.1	342.3	327.7	325.9
Household furniture	307.7	306.6	303.7	288.1	287.6	263.4	262.6	259.5	247.0	246.2
Wood house furniture, upholstered	-	159.4	158.2	148.7	148.2	-	142.0	140.7	132.5	131.8
Wood house furniture, upholstered	-	76.7	76.3	72.1	72.0	-	64.0	63.6	60.5	60.3
Mattresses and bedsprings	-	35.1	35.1	33.0	33.1	-	27.5	27.5	25.8	25.9
Office furniture	-	27.4	27.2	26.4	26.5	-	21.4	21.2	20.5	20.7
Partitions; office and store fixtures	-	38.5	38.1	36.5	35.9	-	28.6	28.0	26.9	26.2
Other furniture and fixtures	43.8	43.7	43.9	43.1	42.4	33.6	33.5	33.6	33.3	32.8
STONE, CLAY, AND GLASS PRODUCTS	617.7	602.8	592.1	606.6	591.7	498.6	484.4	473.6	487.4	473.9
Flar glass	-	33.6	33.2	30.9	31.3	-	27.4	26.8	24.7	25.1
Glass and glassware, pressed or blown	117.0	115.4	114.1	113.1	111.5	102.6	100.8	99.4	98.3	96.9
Glass containers	-	62.7	61.4	62.1	60.8	-	55.3	54.1	54.8	53.6
Pressed and blown glassware, n.e.c.	-	52.7	52.7	51.0	50.7	-	45.5	45.3	43.5	43.3
Cement, hydraulic	37.9	36.9	36.2	37.9	36.8	29.4	28.4	27.7	29.7	28.7
Structural clay products	67.5	65.6	64.3	67.6	66.0	56.9	55.1	53.8	57.3	55.7
Brick and structural clay tile	-	28.3	27.7	29.5	28.6	-	24.7	24.1	26.1	25.2
Pottery and related products	-	42.4	41.5	43.5	43.5	-	35.9	35.1	36.8	37.0
Concrete, gypsum, and plaster products	169.9	160.4	155.5	167.9	158.3	132.7	123.6	119.1	130.3	121.4
Other stone and mineral products	128.1	127.6	126.7	125.5	124.1	96.7	96.3	95.1	93.8	92.6
Abrasive products	-	24.2	24.3	23.6	23.6	-	16.0	15.7	14.8	14.8
PRIMARY METAL INDUSTRIES	1,292.9	1,286.1	1,277.2	1,209.1	1,196.4	1,060.2	1,054.9	1,045.3	983.5	971.6
Blast furnace and basic steel products	(*)	662.4	657.8	610.7	599.6	(*)	546.6	542.0	499.8	489.1
Blast furnaces, steel and rolling mills	-	587.9	583.7	539.8	529.5	-	487.3	483.3	443.9	433.9
Iron and steel foundries	227.0	223.6	221.8	209.3	207.8	195.2	192.4	190.6	179.4	178.0
Gray iron foundries	-	133.6	132.4	124.8	123.6	-	115.8	114.6	107.8	106.7
Malleable iron foundries	-	26.4	26.4	24.7	24.3	-	22.6	22.6	21.1	20.7
Steel foundries	-	63.6	63.0	59.8	59.9	-	54.0	53.4	50.5	50.6
Nonferrous smelting and refining	72.0	71.9	71.5	70.0	70.1	55.8	55.9	55.4	53.8	54.4
Nonferrous rolling, drawing, and extruding	189.2	189.8	188.0	186.2	186.4	145.8	146.0	144.0	142.2	142.3
Copper rolling, drawing, and extruding	-	45.9	45.6	47.3	47.4	-	35.5	35.2	36.4	36.4
Aluminum rolling, drawing, and extruding	-	61.8	61.0	61.6	61.2	-	47.6	46.9	47.0	46.6
Nonferrous wire drawing and insulating	-	63.4	62.8	59.4	59.8	-	49.8	49.0	46.3	46.7
Nonferrous foundries	75.5	76.2	76.3	73.5	73.4	63.0	63.8	63.7	61.0	60.9
Aluminum castings	-	37.5	37.6	37.1	37.1	-	31.8	31.8	31.3	31.4
Other nonferrous castings	-	38.7	38.7	36.4	36.3	-	32.0	31.9	29.7	29.5
Miscellaneous primary metal industries	62.4	62.2	61.8	59.4	59.1	50.5	50.2	49.6	47.3	46.9
Iron and steel forgings	-	43.4	42.9	41.4	41.3	-	35.6	35.0	33.4	33.2
FABRICATED METAL PRODUCTS	1,252.9	1,223.7	1,240.2	1,180.9	1,171.4	970.7	943.7	958.5	906.8	898.5
Metal cans	62.7	36.7	62.5	61.4	60.4	52.9	27.8	52.8	51.6	50.7
Cutlery, hand tools, and general hardware	155.0	156.1	155.5	143.6	143.8	123.1	124.2	123.6	112.9	113.5
Cutlery and hand tools, including saws	-	58.1	58.5	54.4	54.6	-	46.2	46.3	42.5	42.9
Hardware, n.e.c.	-	98.0	97.0	89.2	89.2	-	78.0	77.3	70.4	70.6
Heating equipment and plumbing fixtures	76.8	77.5	77.5	79.5	78.2	57.0	58.3	58.1	60.4	59.1
Sanitary ware and plumbers' brass goods	-	36.1	35.9	35.5	34.8	-	29.5	29.2	29.1	28.3
Heating equipment, except electric	-	41.4	41.6	44.0	43.4	-	28.8	28.9	31.3	30.8
Fabricated structural metal products	358.5	358.8	354.4	342.2	336.9	257.2	257.1	252.5	242.0	237.1
Fabricated structural steel	-	97.6	96.5	95.4	94.0	-	71.8	70.7	70.5	69.4
Metal doors, sash, frames, and trim	-	63.3	61.7	62.9	60.4	-	44.9	43.3	44.5	42.3
Fabricated plate work (boiler shops)	-	94.3	93.7	88.0	87.9	-	64.8	63.9	57.8	57.5
Sheet metal work	-	64.2	63.3	60.0	59.2	-	47.5	46.8	44.0	43.1
Architectural and miscellaneous metal work	-	39.4	39.2	35.9	35.4	-	28.1	27.8	25.2	24.8
Screw machine products, bolts, etc.	95.9	95.1	94.2	90.7	90.8	75.8	75.1	74.2	70.9	71.2
Screw machine products	-	40.9	40.4	38.9	39.3	-	34.7	34.1	32.4	32.9
Bolts, nuts, screws, rivets, and washers	-	54.2	53.8	51.8	51.5	-	40.4	40.1	38.5	38.3
Metal stampings	224.2	222.9	221.7	202.9	202.0	183.4	182.4	181.2	165.1	164.1
Coating, engraving, and allied services	78.7	78.3	78.1	73.5	73.2	66.0	66.1	65.3	61.8	61.4
Miscellaneous fabricated wire products	63.1	62.1	61.4	57.9	57.0	51.3	50.2	49.6	46.5	45.9
Miscellaneous fabricated metal products	138.0	136.2	134.9	129.2	129.1	104.0	102.5	101.2	95.6	95.5
Valves, pipe, and pipe fittings	-	80.9	80.3	76.3	76.6	-	58.8	58.3	54.5	54.8

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

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Durable Goods--Continued</i>										
MACHINERY	1,707.0	1,697.5	1,675.8	1,603.0	1,593.0	1,198.3	1,191.3	1,172.8	1,118.0	1,110.4
Engines and turbines	88.5	89.5	84.9	85.4	85.1	59.8	60.8	57.4	57.1	56.8
Steam engines and turbines	-	32.8	28.7	32.8	33.0	-	18.5	15.4	18.3	18.5
Internal combustion engines, n.e.c.	-	56.7	56.2	52.6	52.1	-	42.3	42.0	38.8	38.3
Farm machinery and equipment	-	134.8	133.0	127.2	127.1	-	99.6	98.0	94.0	94.3
Construction and related machinery	243.9	242.8	240.6	229.4	227.4	168.1	167.4	165.5	156.2	154.4
Construction and mining machinery	-	132.9	131.9	127.7	126.1	-	94.8	94.0	90.6	89.0
Oil field machinery and equipment	-	36.6	36.3	34.0	33.7	-	25.0	24.7	22.8	22.6
Conveyors, hoists, and industrial cranes	-	35.3	34.5	31.9	31.8	-	23.5	22.9	20.9	21.0
Metalworking machinery and equipment	302.7	300.1	298.6	287.4	285.6	228.6	226.1	225.1	216.7	215.3
Machine tools, metal cutting types	-	75.8	75.0	69.2	68.5	-	53.1	52.5	48.2	47.7
Special dies, tools, jigs, and fixtures	-	103.2	102.9	101.8	101.4	-	85.3	85.1	83.9	83.6
Machine tool accessories	-	49.8	49.4	48.0	47.8	-	36.1	35.8	35.0	34.7
Miscellaneous metalworking machinery	-	71.3	71.3	68.4	67.9	-	51.6	51.7	49.6	49.3
Special industry machinery	182.8	182.1	180.9	174.4	173.1	126.9	126.6	125.4	119.7	118.8
Food products machinery	-	37.8	37.4	36.6	36.4	-	24.8	24.3	23.6	23.6
Textile machinery	-	41.4	40.9	38.6	38.6	-	32.4	31.9	29.6	29.6
General industrial machinery	262.7	261.6	256.8	247.2	245.7	177.1	176.4	172.4	164.8	163.8
Pumps; air and gas compressors	-	73.4	72.6	69.1	68.9	-	42.7	42.0	39.2	39.0
Ball and roller bearings	-	57.5	54.8	55.5	55.3	-	45.3	43.2	43.7	43.5
Mechanical power transmission goods	-	51.0	50.7	47.3	46.6	-	38.1	37.9	35.0	34.5
Office, computing, and accounting machines	179.0	177.1	175.1	163.4	163.2	103.5	102.3	100.6	94.9	94.8
Computing machines and cash registers	-	131.9	130.3	119.8	120.0	-	71.5	70.1	65.1	65.1
Service industry machines	112.4	110.0	108.9	104.1	103.3	79.2	76.9	75.7	71.7	71.0
Refrigeration, except home refrigerators	-	68.6	68.0	65.1	64.6	-	48.3	47.7	45.2	44.8
Miscellaneous machinery	199.7	199.5	197.0	184.5	182.5	155.0	155.2	152.7	142.9	141.2
ELECTRICAL EQUIPMENT AND SUPPLIES	1,619.7	1,615.0	1,603.9	1,518.8	1,523.1	1,107.0	1,101.8	1,091.9	1,012.0	1,013.1
Electric distribution equipment	178.6	177.6	176.8	168.9	169.1	121.1	119.9	118.9	112.3	112.0
Electric measuring instruments	-	58.3	57.9	56.0	56.2	-	38.0	37.7	36.0	36.1
Power and distribution transformers	-	46.1	45.8	43.2	43.3	-	32.8	32.2	30.2	30.1
Switchgear and switchboard apparatus	-	73.2	73.1	69.7	69.6	-	49.1	49.0	46.1	45.8
Electrical industrial apparatus	196.4	195.9	193.7	180.8	181.0	136.5	137.1	134.9	124.0	124.2
Motors and generators	-	107.2	106.4	98.4	99.2	-	76.2	75.4	68.4	69.0
Industrial controls	-	52.7	51.7	48.8	48.6	-	34.5	33.6	31.9	31.8
Household appliances	163.7	164.5	162.7	157.4	157.1	128.2	128.6	127.1	121.3	121.1
Household refrigerators and freezers	-	54.6	54.5	51.6	50.8	-	45.0	44.8	41.4	40.6
Household laundry equipment	-	24.8	25.2	23.2	23.7	-	18.8	19.2	17.3	17.9
Electric housewares and fans	-	36.7	35.4	34.0	34.1	-	28.5	27.4	25.9	25.9
Electric lighting and wiring equipment	163.4	162.5	160.0	151.8	152.2	127.6	126.9	124.8	118.2	118.7
Electric lamps	-	31.6	31.2	30.2	30.2	-	27.8	27.3	26.3	26.3
Lighting fixtures	-	59.1	57.6	53.2	53.4	-	45.8	44.5	41.0	41.2
Wiring devices	-	71.8	71.2	68.4	68.6	-	53.3	53.0	50.9	51.2
Radio and TV receiving sets	120.1	119.7	119.8	104.6	104.4	93.3	93.1	93.4	78.5	78.1
Communication equipment	414.3	412.7	412.1	404.3	407.6	211.2	208.6	208.5	199.4	201.0
Telephone and telegraph apparatus	-	122.1	121.2	107.6	106.5	-	84.4	83.8	71.3	70.2
Radio and TV communication equipment	-	290.6	290.9	296.7	301.1	-	124.2	124.7	128.1	130.8
Electronic components and accessories	285.2	284.9	282.0	257.8	258.3	213.9	213.4	210.5	188.2	187.8
Electron tubes	-	68.3	68.1	64.5	64.9	-	46.9	46.7	42.6	42.7
Electronic components, n.e.c.	-	216.6	213.9	193.3	193.4	-	166.5	163.8	145.6	145.1
Miscellaneous electrical equipment and supplies	98.0	97.2	96.8	93.2	93.4	75.2	74.2	73.8	70.1	70.2
Electrical equipment for engines	-	55.2	55.2	52.7	53.0	-	43.0	43.1	40.1	40.2
TRANSPORTATION EQUIPMENT	1,743.9	1,729.6	1,714.8	1,642.8	1,637.6	1,250.4	1,236.8	1,221.7	1,157.2	1,150.3
Motor vehicles and equipment	874.5	868.5	860.6	788.6	784.3	688.1	682.8	674.7	613.5	609.6
Motor vehicles	-	367.2	365.3	321.7	321.3	-	276.1	274.7	238.2	238.0
Passenger car bodies	-	71.8	71.9	62.6	62.6	-	59.1	59.5	50.9	50.9
Truck and bus bodies	-	35.1	34.7	34.3	33.8	-	28.4	28.2	28.1	27.5
Motor vehicle parts and accessories	-	371.6	366.2	347.1	344.3	-	301.7	295.1	278.9	276.3
Aircraft and parts	598.1	596.6	590.9	611.0	616.8	337.9	336.2	330.0	343.1	346.3
Aircraft	-	311.1	310.8	320.9	325.5	-	169.6	169.0	178.3	180.3
Aircraft engines and engine parts	-	187.0	181.9	190.8	192.3	-	101.2	96.2	100.5	101.6
Other aircraft parts and equipment	-	98.5	98.2	99.3	99.0	-	65.4	64.8	64.3	64.4
Ship and boat building and repairing	162.6	156.0	156.1	142.4	137.7	137.5	131.0	131.4	119.7	115.4
Ship building and repairing	-	128.1	128.8	115.5	110.3	-	107.4	108.4	97.5	92.7
Boat building and repairing	-	27.9	27.3	26.9	27.4	-	23.6	23.0	22.2	22.7
Railroad equipment	-	57.8	57.4	52.4	52.4	-	45.3	45.2	40.8	40.8
Other transportation equipment	-	50.7	49.8	48.4	46.4	-	41.5	40.4	40.1	38.2

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Durable Goods--Continued</i>										
INSTRUMENTS AND RELATED PRODUCTS	376.3	376.1	374.6	365.7	366.3	239.7	239.5	238.3	231.1	232.0
Engineering and scientific instruments	-	67.6	67.6	68.6	69.4	-	34.8	34.7	35.5	36.1
Mechanical measuring and control devices	97.8	98.0	97.8	95.4	95.5	63.9	64.2	64.0	62.2	62.3
Mechanical measuring devices	-	60.3	60.4	59.4	59.2	-	37.6	37.5	37.2	37.1
Automatic temperature controls	-	37.7	37.4	36.0	36.3	-	26.6	26.5	25.0	25.2
Optical and ophthalmic goods	47.6	47.7	47.3	44.8	44.4	34.0	34.0	33.9	32.1	31.9
Surgical, medical, and dental equipment	56.6	56.3	56.0	54.2	53.9	39.2	39.0	38.8	37.3	37.3
Photographic equipment and supplies	77.9	77.9	77.5	74.6	74.9	44.5	44.5	44.1	41.7	41.9
Watches and clocks	-	28.6	28.4	28.1	28.2	-	23.0	22.8	22.3	22.5
MISCELLANEOUS MANUFACTURING INDUSTRIES	409.8	405.4	397.8	386.1	379.9	326.7	322.3	314.9	307.8	301.8
Jewelry, silverware, and plated ware	46.0	45.9	45.5	44.3	43.7	36.1	35.9	35.6	34.5	34.0
Toys, amusement, and sporting goods	-	107.8	101.5	99.8	93.8	-	88.1	82.0	81.7	76.0
Toys, games, dolls, and play vehicles	-	67.1	62.2	59.5	54.1	-	55.3	50.6	49.4	44.2
Sporting and athletic goods, n.e.c.	-	40.7	39.3	40.3	39.7	-	32.8	31.4	32.3	31.8
Pens, pencils, office, and art materials	-	32.3	32.0	30.8	30.8	-	23.8	23.6	22.8	22.7
Costume jewelry, buttons, and notions	-	53.9	54.1	53.2	54.0	-	44.7	44.8	44.2	44.7
Other manufacturing industries	166.4	165.5	164.7	158.0	157.6	130.8	129.8	128.9	124.6	124.4
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	1,642.8	1,639.1	1,638.9	1,652.0	1,642.5	1,059.2	1,059.6	1,056.6	1,069.7	1,061.8
Meat products	295.3	299.3	303.3	302.3	302.1	232.5	236.3	240.0	240.1	240.2
Meat packing	-	191.9	195.0	192.6	192.9	-	147.4	150.6	149.4	150.3
Sausages and other prepared meats	-	43.8	44.8	44.7	44.8	-	31.3	31.9	31.9	31.9
Poultry dressing and packing	-	63.6	63.5	65.0	64.4	-	57.6	57.5	58.8	58.0
Dairy products	280.9	279.5	278.5	285.5	283.4	132.8	131.8	130.0	137.3	135.4
Ice cream and frozen desserts	-	29.1	28.2	30.5	29.2	-	15.6	14.6	15.9	14.9
Fluid milk	-	200.7	201.4	204.8	204.6	-	78.4	78.4	82.9	82.4
Canned and preserved food, except meats	-	197.8	195.3	200.6	187.8	-	159.6	157.0	162.9	150.2
Canned, cured, and frozen sea foods	-	36.9	35.5	38.4	37.9	-	32.0	30.2	33.5	32.8
Canned food, except sea foods	-	94.2	93.6	94.1	89.0	-	71.8	71.5	72.6	67.4
Frozen food, except sea foods	-	41.5	40.3	42.9	35.5	-	36.9	35.6	37.9	30.7
Grain mill products	122.5	122.5	122.3	124.8	125.5	84.6	84.3	84.2	85.9	87.0
Flour and other grain mill products	-	31.2	31.3	32.2	32.5	-	21.0	21.1	21.4	21.8
Prepared feeds for animals and fowls	-	53.0	53.1	55.1	55.2	-	34.8	34.9	36.6	36.8
Bakery products	279.7	280.8	281.8	284.5	285.3	161.7	161.5	161.5	162.0	162.7
Bread, cake, and perishable products	-	238.3	239.2	242.2	242.5	-	126.4	126.1	126.9	127.3
Biscuit, crackers, and pretzels	-	42.5	42.6	42.3	42.8	-	35.1	35.4	35.1	35.4
Sugar	-	31.8	33.2	32.5	34.7	-	24.9	26.1	25.2	27.4
Confectionery and related products	70.1	74.4	74.0	70.7	73.1	55.6	60.3	59.7	56.3	58.7
Candy and other confectionery products	-	61.1	60.5	56.0	58.5	-	51.0	50.2	45.5	48.0
Beverages	216.1	213.6	211.1	212.1	209.9	110.5	109.6	106.7	108.9	107.5
Malt liquors	-	60.6	59.0	62.7	61.9	-	40.3	38.6	41.7	40.8
Bottled and canned soft drinks	-	114.1	113.5	111.4	110.1	-	42.3	41.4	41.0	40.5
Miscellaneous food and kindred products	139.8	139.4	139.4	139.0	140.7	91.3	91.3	91.4	91.1	92.7
TOBACCO MANUFACTURES	74.1	76.5	81.4	76.7	80.3	63.0	65.3	70.1	65.7	69.0
Cigarettes	-	37.8	37.3	37.1	37.2	-	31.4	31.0	31.0	31.1
Cigars	-	22.6	23.3	24.6	24.3	-	21.0	21.8	23.1	22.8
TEXTILE MILL PRODUCTS	921.0	915.6	908.1	892.2	890.2	822.6	817.8	811.3	798.0	797.1
Cotton broad woven fabrics	231.7	231.6	231.4	228.0	228.9	213.2	213.1	213.0	210.2	211.2
Silk and synthetic broad woven fabrics	87.8	87.3	87.3	86.8	86.8	79.2	78.8	78.8	78.5	78.5
Weaving and finishing broad woolens	45.9	45.6	45.6	48.1	47.9	40.3	40.0	39.9	42.2	41.9
Narrow fabrics and small wares	30.5	30.3	30.0	28.5	28.4	27.1	26.9	26.6	25.2	25.2
Knitting	230.2	226.7	221.6	215.2	213.3	206.3	203.0	198.4	192.9	191.4
Full-fashioned hosiery	-	14.0	13.9	12.7	12.7	-	12.4	12.4	11.1	11.1
Seamless hosiery	-	84.6	84.1	82.2	82.3	-	77.7	77.3	75.8	76.1
Knit outerwear	-	70.7	67.0	65.2	63.6	-	61.7	58.2	57.0	55.5
Knit underwear	-	33.0	32.7	31.7	31.6	-	30.0	29.7	28.6	28.6
Finishing textiles, except wool and knit	78.5	78.4	77.9	76.5	76.4	66.6	66.8	66.6	65.6	65.7
Floor covering	-	38.5	38.4	37.1	37.5	-	31.9	31.8	30.7	31.2
Yarn and thread	109.3	108.5	107.9	104.9	104.6	101.0	100.4	99.9	96.8	96.6
Miscellaneous textile goods	68.7	68.7	68.0	67.1	66.4	57.1	56.9	56.3	55.9	55.4

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

Industry	All employees					Production workers ¹				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Nondurable Goods--Continued</i>										
APPAREL AND RELATED PRODUCTS	1,345.6	1,363.1	1,347.8	1,280.6	1,305.8	1,197.1	1,215.4	1,200.2	1,137.4	1,159.7
Men's and boys' suits and coats	117.2	116.5	116.1	109.8	112.8	105.3	104.5	104.0	98.0	100.8
Men's and boys' furnishings	355.4	350.9	347.1	330.2	328.8	323.2	319.0	314.9	300.0	298.3
Men's and boys' shirts and nightwear	-	126.1	125.1	120.3	119.8	-	114.5	113.5	109.0	108.4
Men's and boys' separate trousers	-	69.3	68.1	65.2	65.7	-	65.4	64.0	61.5	62.0
Work clothing	-	80.6	80.0	77.0	76.4	-	72.4	71.7	69.1	68.4
Women's, misses', and juniors' outerwear	399.0	415.2	411.7	391.4	407.8	357.0	373.5	370.4	349.7	365.0
Women's blouses, waists, and shirts	-	53.1	52.2	51.3	51.6	-	48.9	48.2	47.2	47.2
Women's, misses', and juniors' dresses	-	200.0	197.0	206.2	203.6	-	179.4	176.7	185.1	182.8
Women's suits, skirts, and coats	-	87.3	89.2	64.3	82.4	-	78.7	80.5	56.2	73.2
Women's and misses' outerwear, n.e.c.	-	74.8	73.3	69.6	70.2	-	66.5	65.0	61.2	61.8
Women's and children's undergarments	121.3	120.9	119.2	116.5	117.4	106.9	106.8	105.0	103.4	104.0
Women's and children's underwear	-	77.9	76.9	76.3	77.0	-	70.9	69.8	70.0	70.4
Corsets and allied garments	-	43.0	42.3	40.2	40.4	-	35.9	35.2	33.4	33.6
Hats, caps, and millinery	-	36.0	35.1	29.2	35.2	-	32.2	31.4	25.8	31.4
Girls' and children's outerwear	75.0	81.3	80.6	75.3	75.8	66.9	72.9	72.3	67.1	67.7
Children's dresses, blouses, and shirts	-	35.7	35.5	35.2	35.1	-	32.3	32.1	31.5	31.5
Fur goods and miscellaneous apparel	-	76.6	75.0	72.8	73.2	-	66.4	65.0	63.7	63.7
Miscellaneous fabricated textile products	167.0	165.7	163.0	155.4	154.8	141.1	140.1	137.2	129.7	128.8
Housefurnishings	-	57.3	56.4	56.2	57.1	-	48.8	47.7	47.1	47.7
PAPER AND ALLIED PRODUCTS	634.7	633.0	629.1	624.4	620.6	494.5	493.4	489.5	487.7	485.1
Paper and pulp	216.2	215.8	212.8	217.0	215.8	172.1	171.6	168.7	172.9	172.4
Paperboard	66.5	66.7	66.4	65.7	65.8	52.8	52.9	52.6	52.4	52.2
Converted paper and paperboard products	155.7	154.6	153.1	150.7	149.2	114.1	113.4	111.9	111.1	109.9
Bags, except textile bags	-	36.1	35.5	35.7	34.8	-	28.9	28.4	28.7	28.0
Paperboard containers and boxes	196.3	195.9	196.8	191.0	189.8	155.5	155.5	156.3	151.3	150.6
Folding and setup paperboard boxes	-	66.0	65.7	63.7	63.3	-	54.1	53.9	52.1	52.1
Corrugated and solid fiber boxes	-	86.8	86.2	82.5	82.0	-	67.6	66.5	63.4	63.1
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	971.3	968.3	963.2	945.0	943.5	616.7	614.9	610.6	598.7	597.9
Newspaper publishing and printing	345.3	344.1	343.1	336.6	336.2	175.2	174.3	174.3	170.6	170.0
Periodical publishing and printing	-	67.5	67.4	67.3	67.4	-	24.9	24.5	26.2	26.3
Books	-	77.7	76.6	75.1	75.1	-	48.3	47.4	46.4	46.6
Commercial printing	310.6	310.5	308.3	302.6	302.4	243.1	243.3	241.0	236.1	236.4
Commercial printing, except lithographic	-	206.3	205.0	201.2	201.8	-	163.5	162.1	158.2	159.3
Commercial printing, lithographic	-	92.8	92.0	90.5	89.8	-	70.7	69.9	69.2	68.5
Bookbinding and related industries	52.7	51.8	51.2	50.4	49.7	43.0	42.1	41.5	40.4	39.6
Other publishing and printing industries	116.8	116.7	116.6	113.0	112.7	81.9	82.0	81.9	79.0	79.0
CHEMICALS AND ALLIED PRODUCTS	898.8	891.1	881.6	878.7	872.5	544.7	540.9	532.0	533.2	529.0
Industrial chemicals	284.2	282.6	280.7	284.1	283.4	161.4	163.2	161.8	163.1	162.4
Plastics and synthetics, except glass	196.0	196.2	194.6	182.2	180.9	131.9	133.6	132.3	122.2	121.4
Plastics and synthetics, except fibers	-	86.5	85.9	82.4	81.9	-	55.7	55.3	52.4	52.2
Synthetic fibers	-	95.7	94.8	86.2	85.5	-	68.5	67.7	60.7	60.1
Drugs	113.1	112.6	112.3	111.6	112.0	59.3	59.2	58.6	59.5	60.2
Pharmaceutical preparations	-	83.1	82.8	82.2	82.6	-	42.3	41.8	42.3	42.8
Soap, cleaners, and toilet goods	98.6	98.2	97.1	95.6	95.4	59.9	60.0	59.2	58.2	58.1
Soap and detergents	-	34.3	34.0	34.2	34.2	-	23.5	23.3	23.8	23.8
Toilet preparations	-	35.2	34.8	33.6	33.6	-	21.6	21.2	19.9	20.0
Paints, varnishes, and allied products	66.0	65.6	65.1	64.5	63.7	36.9	36.6	36.2	36.5	36.1
Agricultural chemicals	61.5	56.6	52.3	61.8	57.6	43.4	38.9	34.6	44.3	40.4
Fertilizers, complete and mixing only	-	44.0	39.9	48.4	44.7	-	32.3	28.3	36.9	33.5
Other chemical products	79.4	79.3	79.5	78.9	79.5	49.2	49.4	49.3	49.4	50.4
PETROLEUM REFINING AND RELATED INDUSTRIES	182.1	181.2	180.7	186.1	185.5	111.9	111.3	110.2	115.4	115.5
Petroleum refining	148.3	148.3	148.4	152.8	152.7	88.5	88.6	88.3	92.5	93.3
Other petroleum and coal products	33.8	32.9	32.3	33.3	32.8	23.4	22.7	21.9	22.9	22.2
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	450.8	449.0	446.2	421.8	422.1	350.2	349.7	346.9	324.3	325.0
Tires and inner tubes	99.9	99.6	99.1	97.3	97.8	71.9	71.7	70.9	69.6	70.1
Other rubber products	171.8	171.7	170.3	162.9	163.6	135.6	135.9	134.7	127.0	127.7
Miscellaneous plastic products	179.1	177.7	176.8	161.6	160.7	142.7	142.1	141.3	127.7	127.2
LEATHER AND LEATHER PRODUCTS	348.4	361.3	360.2	344.4	349.5	306.2	318.0	316.8	302.3	307.4
Leather tanning and finishing	31.9	31.6	31.6	31.4	31.3	27.9	27.5	27.4	27.5	27.4
Footwear, except rubber	235.2	242.2	241.5	230.3	234.3	209.3	215.7	214.9	204.2	208.1
Other leather products	81.3	87.5	87.1	82.7	83.9	69.0	74.8	74.5	70.6	71.9

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

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

	(In thousands)									
	All employees					Production workers ¹				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
TRANSPORTATION AND PUBLIC UTILITIES	4,001	3,985	3,933	3,924	3,885	-	-	-	-	-
RAILROAD TRANSPORTATION	-	730.3	726.1	758.3	751.2	-	-	-	-	-
Class I railroads ²	-	632.4	630.0	667.6	660.3	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT	-	280.7	280.9	277.2	272.4	-	-	-	-	-
Local and suburban transportation	-	86.2	86.1	86.8	81.1	-	81.7	81.7	82.6	76.8
Taxicabs	-	111.9	112.2	111.2	112.9	-	-	-	-	-
Inter-city and rural bus lines	-	40.1	40.1	41.0	40.3	-	37.0	36.8	37.9	37.2
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	949.9	936.0	914.0	903.0	-	861.6	848.2	825.9	815.7
AIR TRANSPORTATION	-	221.7	220.4	207.4	206.0	-	-	-	-	-
Air transportation, common carriers	-	201.5	200.3	187.7	186.4	-	-	-	-	-
PIPELINE TRANSPORTATION	-	19.4	19.4	20.1	20.1	-	16.3	16.3	17.0	17.1
OTHER TRANSPORTATION	-	313.3	286.5	303.1	299.2	-	-	-	-	-
COMMUNICATION	-	861.9	857.0	835.9	826.8	-	-	-	-	-
Telephone communication	-	717.6	712.6	695.2	687.1	-	573.7	568.9	557.8	550.4
Telegraph communication ³	-	30.7	30.8	32.5	32.3	-	21.6	21.6	22.6	22.4
Radio and television broadcasting	-	108.7	108.7	103.3	102.5	-	88.8	88.1	84.6	83.9
ELECTRIC, GAS, AND SANITARY SERVICES	-	607.8	607.0	607.6	606.3	-	529.1	528.4	528.4	527.5
Electric companies and systems	-	247.8	247.3	245.8	245.2	-	209.9	209.3	208.8	208.4
Gas companies and systems	-	150.1	150.1	151.9	152.0	-	132.5	132.6	133.4	133.6
Combined utility systems	-	172.8	172.4	172.7	172.5	-	154.5	154.3	153.7	153.6
Water, steam, and sanitary systems	-	37.1	37.2	37.2	36.6	-	32.2	32.2	32.5	31.9
WHOLESALE AND RETAIL TRADE ⁴	12,512	12,250	12,209	11,919	11,862	-	9,237	9,221	8,974	8,958
WHOLESALE TRADE	3,266	3,260	3,252	3,161	3,156	-	2,768	2,762	2,691	2,689
Motor vehicles and automotive equipment	-	245.5	245.5	239.2	238.8	-	205.9	206.1	201.5	200.4
Drugs, chemicals, and allied products	-	193.4	192.9	190.2	189.7	-	160.1	159.8	157.1	157.2
Dry goods and apparel	-	137.8	137.7	133.8	134.0	-	112.5	112.4	110.0	110.5
Groceries and related products	-	512.9	511.2	497.7	498.3	-	450.8	449.5	438.6	439.6
Electrical goods	-	245.5	243.6	235.4	235.1	-	204.6	202.5	197.8	198.0
Hardware, plumbing, and heating goods	-	147.1	146.9	144.8	144.8	-	124.7	124.5	124.3	124.4
Machinery, equipment, and supplies	-	574.0	567.5	554.1	550.5	-	486.0	480.0	470.4	466.4
RETAIL TRADE ⁴	9,246	8,990	8,957	8,758	8,706	-	6,469	6,459	6,283	6,269
GENERAL MERCHANDISE STORES	-	1,717.0	1,711.3	1,656.8	1,656.7	-	1,566.6	1,560.5	1,508.4	1,507.9
Department stores	-	1,057.7	1,056.8	1,014.1	1,010.5	-	967.2	965.9	926.3	922.4
Limited price variety stores	-	291.2	286.7	294.7	299.0	-	271.0	266.6	270.9	274.7
FOOD STORES	-	1,460.1	1,463.5	1,410.6	1,408.4	-	1,357.8	1,361.3	1,313.0	1,311.5
Grocery, meat, and vegetable stores	-	1,291.7	1,290.0	1,242.0	1,238.3	-	1,198.7	1,197.2	1,153.0	1,149.9
APPAREL AND ACCESSORIES STORES	-	618.5	614.0	609.3	623.6	-	554.5	550.5	548.6	563.3
Men's and boys' apparel stores	-	103.1	105.2	98.4	98.2	-	92.1	94.6	88.1	88.1
Women's ready-to-wear stores	-	232.2	228.0	230.5	232.6	-	209.8	205.9	209.6	211.4
Family clothing stores	-	97.7	98.7	93.9	96.3	-	90.9	91.9	86.9	89.3
Shoe stores	-	113.1	111.3	115.6	120.3	-	97.7	95.8	100.9	105.8
FURNITURE AND APPLIANCE STORES	-	407.1	407.1	393.6	393.9	-	360.2	361.0	348.5	349.0
EATING AND DRINKING PLACES	-	1,805.8	1,783.8	1,788.8	1,754.4	-	-	-	-	-
OTHER RETAIL TRADE	-	2,981.4	2,977.5	2,899.3	2,868.7	-	2,630.1	2,626.1	2,564.1	2,537.6
Motor vehicle dealers	-	721.2	717.4	691.1	689.5	-	624.8	620.5	599.1	597.3
Other vehicle and accessory dealers	-	168.6	168.8	162.8	158.8	-	146.0	146.4	140.1	136.0
Drug stores	-	399.8	397.9	381.5	379.4	-	366.0	364.5	351.0	349.4

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

Industry	(In thousands)									
	All employees					Production workers ¹				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
FINANCE, INSURANCE, AND REAL ESTATE	2,985	2,971	2,960	2,919	2,901	-	-	-	-	-
Banking	-	770.1	768.8	754.4	752.8	-	644.7	643.8	635.7	633.9
Credit agencies other than banks	-	329.3	326.6	313.3	311.3	-	-	-	-	-
Savings and loan associations	-	95.8	95.6	93.6	93.2	-	-	-	-	-
Personal credit institutions	-	176.7	174.3	163.9	162.7	-	-	-	-	-
Security dealers and exchanges ²	-	128.1	127.5	126.2	125.1	-	113.0	112.6	112.1	110.9
Insurance carriers ³	-	887.3	886.1	880.8	880.1	-	626.4	626.4	632.7	632.6
Life insurance ⁴	-	469.8	469.3	468.7	467.6	-	271.1	271.3	279.5	279.6
Accident and health insurance ⁵	-	55.2	55.1	54.8	54.9	-	46.8	46.8	46.6	46.6
Fire, marine, and casualty insurance ⁵	-	316.7	316.0	312.8	313.1	-	270.0	269.7	268.9	268.8
Insurance agents, brokers, and services	-	229.4	229.3	222.9	222.3	-	-	-	-	-
Real estate	-	546.4	542.2	543.1	531.4	-	-	-	-	-
Operative builders	-	40.8	39.8	42.4	42.6	-	-	-	-	-
Other finance, insurance, and real estate	-	80.1	79.7	77.9	77.9	-	-	-	-	-
SERVICES AND MISCELLANEOUS	8,750	8,621	8,564	8,453	8,328	-	-	-	-	-
Hotel and lodging places	-	599.1	596.5	602.9	579.6	-	-	-	-	-
Hotels, tourist courts, and motels	-	552.9	551.0	552.3	533.4	-	514.6	514.0	516.0	499.1
Personal services:										
Laundries, cleaning and dyeing plants	-	534.9	533.6	531.2	526.1	-	478.5	477.2	472.2	467.0
Miscellaneous business services:										
Advertising	-	113.3	111.2	109.3	110.0	-	-	-	-	-
Motion pictures	-	167.2	164.3	170.9	163.8	-	-	-	-	-
Motion picture filming and distributing	-	44.4	44.1	38.9	40.3	-	27.9	27.1	25.0	26.1
Motion picture theaters and services	-	122.8	120.2	132.0	123.5	-	-	-	-	-
Medical services:										
Hospitals	-	1,395.3	1,387.8	1,346.2	1,342.5	-	-	-	-	-
GOVERNMENT	9,924	9,874	9,822	9,508	9,480	-	-	-	-	-
FEDERAL GOVERNMENT⁶	2,341	2,326	2,319	2,334	2,323	-	-	-	-	-
Executive	-	2,294.8	2,288.7	2,304.2	2,293.1	-	-	-	-	-
Department of Defense	-	920.9	921.2	937.1	936.8	-	-	-	-	-
Post Office Department	-	592.1	589.8	586.8	585.9	-	-	-	-	-
Other agencies	-	781.8	777.7	780.3	770.4	-	-	-	-	-
Legislative	-	24.9	24.7	24.3	24.3	-	-	-	-	-
Judicial	-	5.8	5.8	5.7	5.7	-	-	-	-	-
STATE AND LOCAL GOVERNMENT	7,583	7,548	7,503	7,174	7,157	-	-	-	-	-
State government	-	1,941.6	1,921.8	1,836.4	1,827.8	-	-	-	-	-
State education	-	681.8	666.6	617.4	618.1	-	-	-	-	-
Other State government	-	1,259.8	1,255.2	1,219.0	1,209.7	-	-	-	-	-
Local government	-	5,606.6	5,581.4	5,337.1	5,328.9	-	-	-	-	-
Local education	-	3,167.2	3,149.9	2,944.2	2,953.3	-	-	-	-	-
Other local government	-	2,439.4	2,431.5	2,392.9	2,375.6	-	-	-	-	-

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

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

³Data for nonsupervisory workers exclude messengers.

⁴Data for nonsupervisory workers exclude eating and drinking places.

⁵Data for nonoffice salesmen excluded from nonsupervisory count.

⁶Prepared 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
WOMEN EMPLOYMENT**
Table B-3: Women employees on payrolls of selected nonagricultural industries

Industry	January 1965		October 1964		January 1964	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
MINING	34	5	34	5	34	6
METAL MINING	2.0	2	2.2	3	2.2	3
COAL MINING	2.3	2	2.2	2	2.5	2
CRUDE PETROLEUM AND NATURAL GAS	24.7	9	24.9	9	25.0	9
Crude petroleum and natural gas fields	18.3	12	18.5	12	18.6	12
Oil and gas field services	6.4	5	6.4	5	6.4	5
QUARRYING AND NONMETALLIC MINING	4.9	4	5.1	4	4.6	4
MANUFACTURING	4,545	26	4,683	27	4,388	26
DURABLE GOODS	1,786	18	1,798	18	1,719	18
NONDURABLE GOODS	2,759	37	2,885	38	2,669	37
<i>Durable Goods</i>						
ORDNANCE AND ACCESSORIES	43.0	18	43.9	18	49.9	18
Ammunition, except for small arms	31.9	17	32.3	17	37.1	18
Sighting and fire control equipment	2.3	19	2.4	20	3.0	19
Other ordnance and accessories	8.8	19	9.2	19	9.8	19
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	43.2	8	43.6	7	40.9	7
Logging camps and logging contractors	2.1	3	2.1	2	1.8	2
Sawmills and planing mills	9.6	4	9.7	4	9.4	4
Sawmills and planing mills, general	7.7	4	7.8	4	7.7	4
Millwork, plywood, and related products	10.6	7	10.5	7	10.6	7
Millwork	5.1	8	5.1	7	5.1	8
Veneer and plywood	4.4	6	4.4	6	4.4	7
Wooden containers	5.6	16	6.0	16	5.6	16
Wooden boxes, shooks, and crates	4.4	16	4.7	17	4.3	16
Miscellaneous wood products	15.3	23	15.3	23	13.5	22
FURNITURE AND FIXTURES	72.8	17	74.5	18	67.7	17
Household furniture	54.9	18	55.9	18	50.8	18
Wood house furniture, unupholstered	21.5	14	22.6	14	19.5	13
Wood house furniture, upholstered	17.5	23	17.6	23	16.3	23
Mattresses and bedsprings	9.1	26	9.3	26	8.7	26
Office furniture	3.4	13	3.3	12	3.3	12
Partitions; office and store fixtures	3.5	9	3.5	9	3.3	9
Other furniture and fixtures	11.0	25	11.8	26	10.3	24
STONE, CLAY, AND GLASS PRODUCTS	91.8	16	95.6	15	89.5	15
Flat glass	1.5	5	1.5	4	1.4	4
Glass and glassware, pressed or blown	35.2	31	36.8	32	32.7	31
Glass containers	20.4	34	21.5	34	19.8	34
Pressed and blown glassware, n.e.c.	14.8	29	15.3	29	12.9	27
Cement, hydraulic	1.3	3	1.3	3	1.2	3
Structural clay products	7.5	11	7.6	11	7.3	11
Brick and structural clay tile .....	.9	3	.9	3	.8	3
Pottery and related products	12.8	31	13.7	33	13.9	32
Concrete, gypsum, and plaster products	9.1	6	9.6	5	9.3	6
Other stone and mineral products	18.9	15	19.0	15	18.5	15
Abrasive products	5.5	23	5.4	22	5.4	23
PRIMARY METAL INDUSTRIES	72.8	6	72.2	6	70.6	6
Blast furnace and basic steel products	25.0	4	24.6	4	23.4	4
Blast furnaces, steel and milling mills	19.5	3	19.3	3	18.2	4
Iron and steel foundries	9.2	4	8.8	4	8.7	4
Gray iron foundries	4.6	4	4.4	4	4.5	4
Malleable iron foundries	1.1	4	1.1	5	1.2	5
Steel foundries	3.5	6	3.3	5	3.0	5
Nonferrous smelting and refining	2.8	4	2.9	4	2.9	4

**ESTABLISHMENT DATA
WOMEN EMPLOYMENT**

Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued

Industry	January 1965		October 1964		January 1964	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Durable Goods--Continued</i>						
PRIMARY METAL INDUSTRIES --Continued						
Nonferrous rolling, drawing, and extruding	23.8	13	23.9	13	23.7	13
Copper rolling, drawing, and extruding	3.5	8	3.6	8	3.7	8
Aluminum rolling, drawing, and extruding	4.8	8	4.8	8	5.1	8
Nonferrous wire drawing and insulating	13.2	21	13.1	22	12.9	21
Nonferrous foundries	8.2	11	8.2	11	8.0	11
Aluminum castings	3.2	9	3.1	8	2.9	8
Other nonferrous castings	5.0	13	5.1	13	5.1	14
Miscellaneous primary metal industries	3.8	6	3.8	6	3.9	7
Iron and steel forgings	2.2	5	2.2	5	2.3	6
FABRICATED METAL PRODUCTS						
Metal cans	202.3	16	196.2	16	192.9	17
Cutlery, hand tools, and general hardware	11.2	19	11.3	19	11.6	20
Cutlery and hand tools, including saws	45.4	29	39.3	29	42.7	30
Hardware, n.e.c.	13.0	22	12.8	23	12.5	23
Heating equipment and plumbing fixtures	32.4	34	26.5	33	30.2	34
Sanitary ware and plumbers' brass goods	10.2	13	10.2	13	9.7	12
Heating equipment, except electric	5.6	16	5.3	15	4.9	14
Fabricated structural metal products	4.6	11	4.9	11	4.8	11
Fabricated structural steel	28.7	8	31.1	8	28.2	8
Metal doors, sash, frames, and trim	4.6	5	4.7	5	4.6	5
Fabricated plate work (boiler shops)	9.2	15	11.5	16	9.0	15
Sheet metal work	6.5	7	6.5	7	6.6	8
Architectural and miscellaneous metal work	5.2	8	5.2	8	5.0	9
Screw machine products, bolts, etc.	3.2	8	3.2	8	3.0	8
Screw machine products	17.6	19	17.7	19	17.1	19
Bolts, nuts, screws, rivets, and washers	8.5	21	8.3	21	8.0	21
Metal stampings	9.1	17	9.4	18	9.1	18
Coating, engraving, and allied services	39.6	18	37.5	19	36.8	18
Miscellaneous fabricated wire products	13.9	18	14.4	19	12.9	18
Miscellaneous fabricated metal products	14.0	23	13.9	23	13.3	24
Valves, pipe, and pipe fittings	21.7	16	20.8	16	20.6	16
	10.5	13	10.4	14	10.2	14
MACHINERY						
Engines and turbines	210.3	13	206.6	13	201.4	13
Steam engines and turbines	11.1	13	10.9	13	10.6	13
Internal combustion engines, n.e.c.	3.5	11	3.7	11	3.9	12
Farm machinery and equipment	7.6	14	7.2	13	6.7	13
Construction and related machinery	10.6	8	10.3	8	9.9	8
Construction and mining machinery	19.5	8	19.3	8	19.1	9
Oil field machinery and equipment	9.4	7	9.3	7	9.3	8
Conveyors, hoists, and industrial cranes	2.9	8	2.9	8	2.9	9
Metalworking machinery and equipment	3.2	9	3.2	10	3.0	9
Machine tools, metal cutting types	32.0	11	31.5	11	30.5	11
Special dies, tools, jigs, and fixtures	6.2	8	6.2	9	5.8	9
Machine tool accessories	7.9	8	7.7	8	7.7	8
Miscellaneous metalworking machinery	9.2	18	8.9	18	8.4	18
Special industry machinery	8.7	12	8.7	12	8.6	13
Food products machinery	18.9	11	18.3	10	18.2	11
Textile machinery	3.9	11	3.7	10	3.7	10
General industrial machinery	4.4	11	4.2	11	4.1	11
Pumps; air and gas compressors	38.1	15	37.8	15	36.7	15
Ball and roller bearings	8.7	12	8.5	12	8.1	12
Mechanical power transmission goods	12.2	22	12.4	22	11.8	22
Office, computing, and accounting machines	6.2	12	6.1	12	5.8	13
Computing machines and cash registers	41.9	24	41.3	24	39.3	24
Service industry machines	28.9	22	28.3	23	26.7	22
Refrigeration, except home refrigerators	13.6	13	13.6	13	13.4	13
Miscellaneous machinery	7.0	11	6.9	11	6.9	11
	24.6	13	23.6	12	23.7	13
ELECTRICAL EQUIPMENT AND SUPPLIES						
Electric distribution equipment	600.4	38	600.4	38	569.3	37
Electric measuring instruments	52.3	30	52.4	30	50.6	30
Power and distribution transformers	23.7	41	23.8	41	22.6	40
Switchgear and switchboard apparatus	10.7	23	10.7	23	10.6	25
	17.9	24	17.9	25	17.4	25

**ESTABLISHMENT DATA
WOMEN EMPLOYMENT**
Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued

Industry	January 1965		October 1964		January 1964	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Durable Goods--Continued</i>						
ELECTRICAL EQUIPMENT AND SUPPLIES--Continued						
Electrical industrial apparatus	58.9	31	57.4	31	54.8	31
Motors and generators	31.5	30	30.4	30	29.2	30
Industrial controls	18.5	35	17.8	35	17.2	36
Household appliances	31.5	20	32.4	20	30.3	19
Household refrigerators and freezers	6.3	12	5.7	11	5.8	11
Household laundry equipment	3.3	13	3.4	13	3.5	14
Electric housewares and fans	15.1	43	16.4	45	14.1	42
Electric lighting and wiring equipment	66.0	41	65.7	41	62.5	41
Electric lamps	20.3	65	20.2	66	19.8	65
Lighting fixtures	17.4	30	17.7	31	15.5	30
Wiring devices	28.3	39	27.8	39	27.2	40
Radio and TV receiving sets	65.0	54	70.3	55	55.9	51
Communication equipment	138.7	34	136.7	34	136.6	33
Telephone and telegraph apparatus	51.1	43	48.2	42	42.5	41
Radio and TV communication equipment	87.6	30	88.5	30	94.1	30
Electronic components and accessories	161.4	58	158.0	58	148.0	57
Electron tubes	31.7	47	31.7	47	30.1	46
Electronic components, n.e.c.	129.7	61	126.3	61	117.9	61
Miscellaneous electrical equipment and supplies	26.6	27	27.5	30	30.6	31
Electrical equipment for engines	15.3	28	14.4	29	18.1	33
TRANSPORTATION EQUIPMENT	164.6	10	147.3	10	168.5	10
Motor vehicles and equipment	72.1	8	54.7	9	71.1	9
Motor vehicles	23.7	7	16.5	7	23.6	7
Passenger car bodies	4.7	7	1.8	8	3.7	6
Truck and bus bodies	2.1	6	1.7	6	1.8	5
Motor vehicle parts and accessories	40.5	11	33.7	12	40.9	12
Aircraft and parts	79.1	13	78.9	13	84.5	13
Aircraft	42.6	14	42.2	14	45.3	14
Aircraft engines and engine parts	23.5	13	23.6	13	25.7	13
Other aircraft parts and equipment	13.0	13	13.1	13	13.5	13
Ship and boat building and repairing	5.3	3	5.0	3	5.0	4
Ship building and repairing	3.8	3	3.7	3	3.5	3
Boat building and repairing	1.5	5	1.3	5	1.5	6
Railroad equipment	3.3	6	3.0	6	3.3	7
Other transportation equipment	4.8	10	5.7	11	4.6	11
INSTRUMENTS AND RELATED PRODUCTS	126.9	34	127.1	34	123.9	34
Engineering and scientific instruments	15.7	23	15.5	23	16.6	23
Mechanical measuring and control devices	31.9	33	31.5	33	30.6	32
Mechanical measuring devices	16.4	27	16.1	28	16.1	27
Automatic temperature controls	15.5	41	15.4	42	14.5	40
Optical and ophthalmic goods	17.5	37	17.1	38	16.2	38
Surgical, medical, and dental equipment	26.3	47	25.6	47	24.8	47
Photographic equipment and supplies	19.2	25	20.0	26	19.3	26
Watches and clocks	16.3	57	17.4	58	16.4	57
MISCELLANEOUS MANUFACTURING INDUSTRIES	157.7	41	190.1	44	144.2	39
Jewelry, silverware, and plated ware	17.2	38	18.0	38	15.9	37
Toys, amusement, and sporting goods	46.2	48	70.2	54	39.0	46
Toys, games, dolls, and play vehicles	30.2	53	53.7	50	23.9	50
Sporting and athletic goods, n.e.c.	16.0	41	16.5	42	15.1	40
Pens, pencils, office and art materials	15.9	50	18.0	54	16.4	53
Costume jewelry, buttons, and notions	26.9	51	29.5	53	26.0	51
Other manufacturing industries	51.5	32	54.4	33	46.9	30
<i>Nondurable Goods</i>						
FOOD AND KINDRED PRODUCTS	380.6	23	458.5	25	380.2	23
Meat products	76.4	25	81.3	26	77.6	25
Meat packing	28.1	14	28.0	14	28.9	15
Sausages and other prepared meats	13.8	30	13.5	30	13.7	30
Poultry dressing and packing	34.5	53	39.8	52	35.0	53
Dairy products	40.0	14	41.4	15	40.3	14
Ice cream and frozen desserts	5.8	21	5.3	21	5.7	20
Fluid milk	24.1	12	24.7	12	24.4	12

**ESTABLISHMENT DATA
WOMEN EMPLOYMENT**

Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued

Industry	January 1965		October 1964		January 1964	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Nondurable Goods--Continued</i>						
FOOD AND KINDRED PRODUCTS-- Continued						
Canned and preserved food, except meats	82.7	41	140.9	48	80.6	42
Canned, cured, and frozen sea foods	23.6	59	27.1	63	21.0	56
Canned food, except sea foods	30.2	32	68.7	42	29.4	33
Frozen food, except sea foods	17.9	45	28.1	54	19.5	49
Grain mill products	18.6	15	18.8	15	18.3	14
Flour and other grain mill products	3.8	12	4.2	13	4.3	13
Prepared feeds for animals and fowls	6.6	12	6.8	12	6.7	12
Bakery products	62.6	22	66.1	23	61.9	22
Bread, cake, and perishable products	41.8	17	44.4	18	41.6	17
Biscuit, crackers, and pretzels	20.8	48	21.7	49	20.3	48
Sugar	3.0	7	4.3	8	3.6	8
Confectionery and related products	38.2	51	42.4	53	38.3	51
Candy and other confectionery products	33.3	54	37.1	56	33.2	55
Beverages	24.4	11	27.5	12	24.0	11
Malt liquors	3.5	6	3.6	6	3.6	6
Bottled and canned soft drinks	10.7	9	10.9	10	10.4	9
Miscellaneous food and kindred products	34.7	25	35.8	25	35.6	25
TOBACCO MANUFACTURES	41.0	48	54.0	50	39.9	46
Cigarettes	14.6	39	14.7	39	14.8	39
Cigars	16.7	74	19.3	75	16.6	75
TEXTILE MILL PRODUCTS	394.7	44	400.6	44	380.2	43
Cotton broad woven fabrics	89.1	38	88.7	38	86.9	38
Silk and synthetic broad woven fabrics	29.3	33	29.2	33	29.0	33
Weaving and finishing broad woolsens	15.9	36	15.9	35	16.8	35
Narrow fabrics and smallwares	16.5	55	16.3	55	15.3	54
Knitting	148.4	69	155.3	69	140.1	68
Full-fashioned hosiery	10.2	76	10.0	76	9.1	75
Seamless hosiery	60.7	73	61.2	73	58.8	72
Knit outerwear	45.8	72	51.6	73	41.2	72
Knit underwear	23.0	71	23.0	71	22.7	73
Finishing textiles, except wool and knit	17.8	23	17.8	23	16.9	22
Floor covering	11.2	29	11.3	30	10.8	29
Yarn and thread	48.3	45	48.0	45	46.4	45
Miscellaneous textile goods	18.2	27	18.1	27	18.0	27
APPAREL AND RELATED PRODUCTS	1,039.2	79	1,056.4	79	994.9	79
Men's and boys' suits and coats	80.3	70	79.2	70	77.7	69
Men's and boys' furnishings	291.1	85	289.8	85	271.0	85
Men's and boys' shirts and nightwear	110.1	88	110.5	88	104.4	88
Men's and boys' separate trousers	54.7	81	52.0	80	52.3	81
Work clothing	67.5	85	66.1	84	62.3	85
Women's, misses', and juniors' outerwear	325.9	82	329.4	82	316.2	81
Women's blouses, waists, and shirts	44.5	88	46.1	89	42.1	89
Women's, misses', and juniors' dresses	160.6	85	162.7	85	158.6	84
Women's suits, skirts, and coats	59.9	70	62.3	69	58.0	68
Women's and misses' outerwear, n.e.c.	60.9	85	58.3	85	57.5	85
Women's and children's undergarments	101.1	86	108.7	87	100.1	87
Women's and children's underwear	66.5	88	73.2	89	65.9	88
Corsets and allied garments	34.6	82	35.5	83	34.2	84
Hats, caps, and millinery	21.4	64	20.6	64	20.9	64
Girls' and children's outerwear	67.5	86	66.7	86	65.8	86
Children's dresses, blouses, and shirts	31.3	90	31.3	90	31.1	89
Fur goods and miscellaneous apparel	52.3	72	57.8	73	48.9	72
Miscellaneous fabricated textile products	99.6	62	104.2	63	94.3	63
Housefurnishings	38.6	69	43.5	70	37.1	69
PAPER AND ALLIED PRODUCTS	129.8	21	134.4	21	128.9	21
Paper and pulp	24.0	11	24.3	11	24.5	11
Paperboard	5.8	9	6.0	9	6.0	9
Converted paper and paperboard products	52.3	34	54.5	35	51.0	34
Bags, except textile bags	12.6	35	13.3	37	12.9	36
Paperboard containers and boxes	47.7	24	49.6	25	47.4	25
Folding and setup paperboard boxes	21.5	32	23.0	34	21.0	33
Corrugated and solid fiber boxes	12.4	14	12.4	15	11.9	15

**ESTABLISHMENT DATA
WOMEN EMPLOYMENT**
Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued

Industry	January 1965		October 1964		January 1964	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<i>Nondurable Goods--Continued</i>						
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	276.6	29	280.9	29	269.1	29
Newspaper publishing and printing	74.5	22	74.0	22	71.5	21
Periodical publishing and printing	32.2	48	32.9	48	32.9	48
Books	32.5	43	31.6	43	31.3	42
Commercial printing	76.8	25	79.4	26	75.5	25
Commercial printing, except lithographic	49.8	24	51.5	25	49.4	24
Commercial printing, lithographic	23.0	25	23.9	26	22.1	25
Bookbinding and related industries	23.2	46	23.7	46	21.3	44
Other publishing and printing industries	37.4	32	39.3	33	36.6	33
CHEMICALS AND ALLIED PRODUCTS	163.8	19	165.0	19	158.9	18
Industrial chemicals	27.7	10	27.9	10	27.8	10
Plastics and synthetics, except glass	31.5	16	31.4	17	29.7	16
Plastics and synthetics, except fibers	7.9	9	8.1	10	8.2	10
Synthetic fibers	22.6	24	22.2	24	20.5	24
Drugs	43.2	38	42.2	38	42.7	38
Pharmaceutical preparations	34.3	41	33.5	41	33.8	41
Soap, cleaners, and toilet goods	34.6	36	36.3	36	32.5	35
Soap and detergents	7.6	22	7.8	22	7.2	21
Toilet preparations	18.6	55	20.3	57	17.6	54
Paints, varnishes, and allied products	10.1	16	10.1	16	9.7	15
Agricultural chemicals	4.3	9	4.3	9	4.0	8
Fertilizers, complete and mixing only	2.5	7	2.5	7	2.4	6
Other chemical products	12.4	16	12.8	16	12.5	16
PETROLEUM REFINING AND RELATED INDUSTRIES	16.2	9	16.3	9	16.0	9
Petroleum refining	12.6	8	12.7	8	12.5	8
Other petroleum and coal products	3.6	11	3.6	10	3.5	11
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	129.0	29	131.2	30	119.7	29
Tires and inner tubes	12.1	12	12.3	13	12.6	13
Other rubber products	57.1	34	57.5	34	54.3	33
Miscellaneous plastic products	59.8	34	61.4	35	52.8	34
LEATHER AND LEATHER PRODUCTS	187.7	53	188.1	53	181.2	52
Leather tanning and finishing	3.9	12	3.9	12	3.7	12
Footwear, except rubber	138.1	58	133.4	57	134.0	57
Other leather products	45.7	54	50.8	56	43.5	54
TRANSPORTATION AND PUBLIC UTILITIES:						
LOCAL AND INTERURBAN PASSENGER TRANSIT	22.4	8	22.2	8	21.4	8
Local and suburban transportation	4.1	5	4.1	5	4.2	5
Taxicabs	5.2	5	5.0	5	5.2	5
Intercity and rural bus lines	3.7	9	3.7	9	4.2	10
MOTOR FREIGHT TRANSPORTATION AND STORAGE	81.0	9	80.7	8	76.7	9
AIR TRANSPORTATION	50.3	23	49.7	23	46.8	23
Air transportation, common carriers	48.7	24	48.1	24	45.3	24
PIPELINE TRANSPORTATION	1.6	8	1.7	8	1.6	8
COMMUNICATION	422.6	49	422.9	50	408.6	50
Telephone communication	391.2	55	391.5	55	378.4	56
Radio and television broadcasting	24.1	22	24.0	22	22.7	22
ELECTRIC, GAS, AND SANITARY SERVICES	92.8	15	93.2	15	92.7	15
Electric companies and systems	37.6	15	37.8	15	37.6	15
Gas companies and systems	25.1	17	25.2	17	24.8	16
Combined utility systems	24.5	14	24.6	14	24.8	14
Water, steam, and sanitary systems	5.6	15	5.6	15	5.5	15

**ESTABLISHMENT DATA
WOMEN EMPLOYMENT**

Table B-3: Women employees on payrolls of selected nonagricultural industries--Continued

Industry	January 1965		October 1964		January 1964	
	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
WHOLESALE AND RETAIL TRADE	4,603	37	4,663	38	4,404	37
WHOLESALE TRADE	708	22	729	22	693	22
Motor vehicles and automotive equipment	43.3	18	43.6	18	41.9	18
Drugs, chemicals, and allied products	59.3	31	60.1	31	58.7	31
Dry goods and apparel	57.5	42	57.7	42	56.1	43
Groceries and related products	106.2	21	111.8	22	107.3	21
Electrical goods	55.1	23	55.1	23	55.7	24
Hardware, plumbing, and heating goods	31.2	21	31.4	21	31.4	22
Machinery, equipment, and supplies	100.4	18	99.5	18	96.0	18
RETAIL TRADE	3,895	43	3,934	43	3,711	43
GENERAL MERCHANDISE STORES	1,233.4	69	1,250.1	69	1,162.3	70
Department stores	766.5	69	767.8	69	716.1	70
Limited price variety stores	239.2	81	248.2	81	235.6	81
FOOD STORES	477.0	33	471.9	33	460.2	33
Grocery, meat, and vegetable stores	379.1	30	373.5	30	363.4	29
APPAREL AND ACCESSORIES STORES	413.5	65	419.7	66	395.6	65
Men's and boys' apparel stores	40.1	36	36.6	35	38.2	36
Women's ready-to-wear stores	207.8	88	213.5	88	199.4	88
Family clothing stores	72.6	70	71.3	71	70.5	71
Shoe stores	39.4	34	40.4	34	37.5	35
FURNITURE AND APPLIANCE STORES	115.9	28	114.3	28	111.0	28
EATING AND DRINKING PLACES	989.3	56	1,017.7	56	945.0	55
OTHER RETAIL TRADE	666.2	22	660.1	22	637.0	22
Motor vehicle dealers	68.8	10	67.6	10	65.3	9
Other vehicle and accessory dealers	21.3	13	21.1	12	20.0	13
Drug stores	230.1	58	226.2	58	219.7	58
FINANCE, INSURANCE, AND REAL ESTATE	1,466	30	1,468	50	1,438	50
Banking	461.7	60	460.1	60	452.5	60
Credit agencies other than banks	174.8	54	172.6	53	167.0	54
Savings and loan associations	61.2	63	60.4	63	60.1	64
Personal credit institutions	31.8	47	30.5	47	29.8	47
Security dealers and exchanges	39.0	31	39.4	31	38.1	31
Insurance carriers	428.7	48	434.8	49	431.5	49
Life insurance	193.7	41	197.9	42	198.9	43
Accident and health insurance	37.4	68	37.8	68	37.2	69
Fire, marine, and casualty insurance	173.2	55	174.7	55	171.4	55
Insurance agents, brokers, and services	126.7	56	126.6	56	124.1	56
Real estate	195.7	36	195.8	35	187.8	36
Operative builders	5.8	15	5.8	13	5.8	14
Other finance, insurance, and real estate	39.1	49	38.8	49	36.9	48
SERVICE AND MISCELLANEOUS:						
Hotels and lodging places:						
Hotels, tourist courts, and motels	256.5	47	277.7	48	245.6	48
Personal services:						
Laundries, cleaning and dyeing plants	358.5	67	362.8	67	351.4	67
Miscellaneous business services:						
Advertising	41.8	38	41.4	38	40.5	37
Motion pictures	54.0	32	57.7	32	54.3	33
Motion picture filming and distributing	11.7	24	11.8	26	11.6	28
Motion picture theatres and services	42.3	35	45.9	35	42.7	35
Medical services:						
Hospitals	1,117.7	81	1,115.3	81	1,088.9	82

ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

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

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	104.1	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.....	107.9	82.5	103.3	102.5	96.0	108.1	107.7	108.2	113.6	119.4	117.2	106.5	121.5
1964.....	110.8	82.5	107.6	104.2	97.5	111.6	111.2	111.8	116.4	123.8	121.1	106.1	127.0
1964: April.....	110.1	82.2	106.7	103.8	97.3	110.8	110.7	110.8	115.8	122.8	120.3	105.7	126.0
May.....	110.3	81.9	107.1	103.8	97.4	111.1	110.9	111.2	116.0	123.2	120.5	105.6	126.4
June.....	110.6	83.0	107.6	104.1	97.3	111.6	111.4	111.7	116.3	123.5	120.7	104.9	126.9
July.....	110.9	83.0	107.6	104.5	97.7	111.9	111.6	112.0	116.5	124.2	120.5	104.9	126.6
August.....	111.0	82.3	107.5	104.5	98.1	112.0	111.3	112.2	116.6	124.4	120.7	105.1	126.8
September.....	111.3	82.3	106.7	105.1	98.3	112.0	111.4	112.2	117.0	124.7	121.2	104.8	127.6
October.....	111.2	82.9	107.6	103.5	98.0	112.4	111.6	112.7	117.2	125.3	122.3	105.3	129.0
November.....	112.1	83.0	109.5	105.5	98.1	112.7	112.1	113.0	117.4	125.3	123.1	106.3	129.7
December.....	112.7	82.7	112.4	106.2	98.6	113.2	112.5	113.4	117.6	125.6	123.5	106.2	130.3
1965: January.....	113.0	82.2	112.1	106.7	96.6	114.0	112.9	114.4	117.7	126.1	123.7	105.8	130.8
February.....	113.6	82.5	113.6	107.1	98.1	114.8	113.5	115.2	118.1	126.7	124.2	105.5	131.5
March.....	114.2	82.2	114.3	107.6	99.2	115.5	114.1	116.0	118.4	127.0	124.7	105.7	132.2
April.....	114.1	82.2	110.6	107.8	99.1	115.0	114.4	115.2	118.5	127.1	125.5	106.1	133.2

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**

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

(In thousands)

Industry	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
TOTAL	59,917	59,968	59,676	59,334	59,206	58,878	58,382	58,458	58,301	58,256	58,104	57,931	57,827
MINING	633	633	635	633	637	639	638	634	634	639	639	631	633
CONTRACT CONSTRUCTION	3,193	3,301	3,281	3,235	3,244	3,162	3,106	3,080	3,103	3,107	3,106	3,093	3,081
MANUFACTURING	17,888	17,852	17,772	17,705	17,622	17,505	17,171	17,449	17,339	17,344	17,285	17,225	17,224
DURABLE GOODS	10,295	10,264	10,210	10,150	10,088	9,992	9,702	9,986	9,886	9,890	9,826	9,780	9,798
Ordnance and accessories.....	241	242	242	243	242	245	247	248	250	255	260	265	267
Lumber and wood products.....	591	606	604	597	598	595	591	593	595	599	593	596	600
Furniture and fixtures.....	422	421	418	415	413	409	407	405	403	405	402	398	398
Stone, clay, and glass products..	624	628	623	623	620	618	616	620	617	618	616	613	613
Primary metal industries.....	1,279	1,280	1,278	1,277	1,271	1,269	1,253	1,258	1,242	1,246	1,222	1,199	1,196
Fabricated metal products.....	1,263	1,240	1,260	1,242	1,232	1,213	1,179	1,223	1,208	1,196	1,192	1,185	1,190
Machinery.....	1,692	1,688	1,674	1,672	1,665	1,643	1,644	1,643	1,625	1,620	1,608	1,597	1,589
Electrical equipment.....	1,638	1,628	1,610	1,597	1,588	1,572	1,560	1,558	1,546	1,550	1,537	1,533	1,536
Transportation equipment.....	1,747	1,733	1,706	1,696	1,671	1,646	1,429	1,667	1,632	1,632	1,628	1,633	1,646
Instruments and related products..	378	378	378	374	374	371	368	369	369	371	369	367	368
Miscellaneous manufacturing....	420	420	417	414	414	411	408	402	399	398	399	394	395
NONDURABLE GOODS	7,593	7,588	7,562	7,555	7,534	7,513	7,469	7,463	7,453	7,454	7,459	7,445	7,426
Food and kindred products.....	1,720	1,734	1,734	1,741	1,743	1,737	1,717	1,716	1,726	1,719	1,720	1,731	1,730
Tobacco manufactures.....	85	85	84	86	88	92	90	82	83	89	89	89	88
Textile mill products.....	924	922	917	914	909	904	899	899	895	894	895	895	895
Apparel and related products....	1,364	1,347	1,340	1,344	1,333	1,329	1,319	1,317	1,311	1,309	1,323	1,305	1,298
Paper and allied products.....	639	639	637	635	634	635	634	632	631	632	631	630	629
Printing and publishing.....	974	971	967	964	962	956	955	956	954	955	953	952	948
Chemicals and allied products....	891	893	890	887	885	882	878	881	879	879	880	874	871
Petroleum and related products..	183	183	184	184	185	185	187	185	185	187	187	187	187
Rubber and plastic products.....	457	453	450	442	438	436	433	439	435	433	427	429	427
Leather and leather products....	356	361	359	358	357	357	357	356	354	357	354	353	353
TRANSPORTATION AND PUBLIC UTILITIES	4,041	4,042	3,997	3,939	4,020	3,997	3,996	4,005	3,999	3,983	3,965	3,968	3,964
WHOLESALE AND RETAIL TRADE	12,558	12,609	12,532	12,447	12,362	12,311	12,278	12,229	12,231	12,223	12,187	12,135	12,096
WHOLESALE TRADE	3,312	3,303	3,288	3,270	3,259	3,246	3,233	3,226	3,224	3,232	3,227	3,212	3,206
RETAIL TRADE	9,246	9,306	9,244	9,177	9,103	9,065	9,045	9,003	9,007	8,991	8,960	8,923	8,890
FINANCE, INSURANCE, AND REAL ESTATE	2,997	2,995	2,987	2,979	2,975	2,970	2,964	2,960	2,951	2,948	2,943	2,934	2,931
SERVICE AND MISCELLANEOUS ..	8,759	8,752	8,730	8,689	8,654	8,634	8,633	8,592	8,573	8,561	8,509	8,489	8,461
GOVERNMENT	9,848	9,784	9,742	9,707	9,692	9,660	9,596	9,509	9,471	9,451	9,470	9,456	9,437
FEDERAL	2,348	2,340	2,335	2,342	2,352	2,354	2,331	2,320	2,328	2,322	2,323	2,339	2,341
STATE AND LOCAL	7,500	7,444	7,407	7,365	7,340	7,306	7,265	7,189	7,143	7,129	7,147	7,117	7,096

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	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
MANUFACTURING	13,316	13,302	13,227	13,168	13,099	12,993	12,661	12,956	12,847	12,839	12,794	12,736	12,732
DURABLE	7,638	7,618	7,570	7,518	7,467	7,376	7,089	7,377	7,279	7,271	7,219	7,174	7,188
Ordnance and accessories	99	100	101	100	100	102	102	103	104	105	107	109	110
Lumber and wood products, except furniture ...	527	541	540	533	536	532	528	530	531	536	528	532	536
Furniture and fixtures	352	351	348	345	344	340	339	338	335	338	336	331	331
Stone, clay, and glass products	505	508	503	503	501	500	498	500	498	497	496	493	493
Primary metal industries	1,042	1,049	1,046	1,044	1,041	1,038	1,022	1,026	1,012	1,017	995	972	967
Fabricated metal products	981	960	979	964	951	933	901	945	932	918	916	910	916
Machinery	1,181	1,179	1,168	1,166	1,165	1,145	1,146	1,149	1,129	1,125	1,118	1,109	1,103
Electrical equipment and supplies	1,124	1,115	1,099	1,086	1,078	1,065	1,053	1,049	1,040	1,041	1,029	1,024	1,027
Transportation equipment	1,249	1,237	1,212	1,207	1,181	1,156	942	1,180	1,145	1,141	1,141	1,146	1,156
Instruments and related products	242	241	240	238	237	235	232	234	234	236	233	232	233
Miscellaneous manufacturing industries	336	337	334	332	333	330	326	323	319	317	320	316	316
NONDURABLE GOODS	5,678	5,684	5,657	5,650	5,632	5,617	5,572	5,579	5,568	5,568	5,575	5,562	5,544
Food and kindred products	1,131	1,148	1,144	1,150	1,154	1,151	1,132	1,133	1,142	1,134	1,134	1,144	1,143
Tobacco manufactures	73	72	73	74	76	80	78	71	72	78	78	77	76
Textile mill products	825	824	820	817	812	808	803	803	799	798	800	800	800
Apparel and related products	1,213	1,199	1,192	1,196	1,186	1,181	1,173	1,173	1,165	1,164	1,176	1,160	1,152
Paper and allied products	499	499	498	495	495	496	494	494	493	494	494	493	492
Printing, publishing, and allied industries	619	617	615	611	610	605	604	606	604	604	604	604	601
Chemicals and allied products	536	540	537	536	532	530	526	530	530	531	531	527	525
Petroleum refining and related industries	113	113	112	113	113	114	116	116	115	117	117	116	116
Rubber and miscellaneous plastic products	355	354	350	343	339	337	334	340	337	334	329	330	329
Leather and leather products	314	318	316	315	315	315	312	313	311	314	312	311	310

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

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
1	ALABAMA.....	853.0	848.3	826.6	8.4	8.4	8.5	44.5	43.6	44.0	268.5	266.8	252.4
2	Birmingham.....	210.1	209.6	202.2	4.4	4.4	4.4	10.4	10.5	10.5	65.9	65.2	60.5
3	Huntsville.....	70.6	69.9	64.6	(1)	(1)	(1)	4.0	3.6	4.7	12.9	12.7	10.3
4	Mobile.....	104.9	104.6	102.3	(1)	(1)	(1)	6.3	6.1	6.1	21.0	21.0	19.4
5	ALASKA.....	60.0	59.3	56.8	1.0	.9	1.1	3.0	2.9	2.3	3.8	3.6	3.9
6	ARIZONA.....	402.1	399.6	386.2	15.2	15.1	15.1	26.5	26.4	27.1	61.3	60.5	57.7
7	Phoenix.....	233.2	231.5	222.9	.2	.2	.1	15.6	15.8	16.2	46.4	45.5	43.3
8	Tucson.....	77.7	77.4	76.5	3.2	3.2	3.2	5.6	5.4	5.9	6.5	6.5	6.5
9	ARKANSAS.....	432.2	425.8	418.0	4.6	4.6	5.0	22.1	21.1	24.4	128.5	127.1	121.0
10	Fayetteville.....	17.9	17.7	17.3	(1)	(1)	(1)	.9	.9	.9	5.2	5.0	4.8
11	Fort Smith.....	36.2	36.2	37.5	.5	.5	.4	1.8	2.0	2.4	12.4	12.3	12.5
12	Little Rock-North												
12	Little Rock.....	93.0	92.1	92.0	(1)	(1)	(1)	5.8	5.4	7.1	18.3	18.2	17.6
13	Pine Bluff.....	20.8	20.6	19.9	(1)	(1)	(1)	1.2	1.1	1.1	5.6	5.5	5.1
14	CALIFORNIA.....	5,643.0	5,595.6	5,467.5	29.3	29.1	29.5	331.2	323.8	325.2	1,365.0	1,355.8	1,372.6
15	Anaheim-Santa Ana-												
15	Garden Grove.....	287.7	285.3	263.6	1.7	1.7	1.6	25.7	25.6	23.5	94.4	93.9	88.9
16	Bakersfield.....	76.0	75.4	73.7	6.8	6.8	6.5	3.8	3.8	3.6	8.3	8.1	7.8
17	Fresno.....	93.5	92.8	90.8	1.0	1.0	1.0	5.2	5.0	5.0	14.9	14.3	14.4
18	Los Angeles-Long Beach...	2,451.9	2,439.7	2,386.3	9.7	9.7	9.8	129.9	128.2	124.4	745.8	745.3	750.6
19	Sacramento.....	222.3	220.6	216.2	.3	.2	.2	13.1	12.8	13.0	31.0	31.2	34.4
20	San Bernardino-Riverside-												
20	Ontario.....	237.0	235.5	225.4	1.6	1.5	1.4	17.3	17.2	16.2	39.3	39.2	38.5
21	San Diego.....	261.3	259.8	258.5	.4	.4	.4	14.6	14.5	14.6	48.0	47.9	52.2
22	San Francisco-Oakland....	1,059.2	1,050.3	1,028.1	2.0	2.0	1.8	62.7	60.7	62.6	189.8	189.7	191.7
23	San Jose.....	260.2	256.5	252.1	.1	.1	.1	18.6	18.2	17.9	80.8	78.6	83.5
24	Stockton.....	67.9	65.8	64.8	.1	.1	.1	3.6	3.4	3.5	13.0	12.4	11.9
25	Vallejo-Napa.....	53.8	53.0	51.0	.2	.2	.2	2.4	2.2	2.3	4.9	4.9	4.6
26	COLORADO.....	564.8	563.1	555.9	11.8	11.8	11.5	34.1	33.1	33.1	83.5	83.7	89.4
27	Denver.....	359.9	358.8	359.1	2.9	3.0	3.2	20.5	19.8	20.8	59.0	59.3	66.8
28	CONNECTICUT.....	995.3	987.2	971.1	(2)	(2)	(2)	41.9	40.1	38.9	431.5	428.0	421.8
29	Bridgeport.....	132.6	131.9	132.1	(2)	(2)	(2)	4.7	4.6	4.7	69.3	69.0	70.1
30	Hartford.....	261.3	259.6	254.6	(2)	(2)	(2)	9.7	9.4	9.6	96.5	95.8	93.7
31	New Britain.....	41.0	40.9	40.5	(2)	(2)	(2)	1.1	1.0	1.1	24.0	23.9	23.5
32	New Haven.....	135.8	135.3	131.7	(2)	(2)	(2)	7.6	7.2	7.0	43.9	43.9	42.1
33	Stamford.....	62.7	62.2	64.0	(2)	(2)	(2)	3.0	2.8	3.0	21.8	21.9	23.8
34	Waterbury.....	68.7	68.1	67.4	(2)	(2)	(2)	1.6	1.6	1.6	37.7	37.4	37.1
35	DELAWARE.....	171.5	170.7	163.2	(1)	(1)	(1)	11.9	11.2	10.6	64.2	64.2	59.1
36	Wilmington.....	157.5	156.6	150.3	(1)	(1)	(1)	9.8	9.1	8.4	63.4	63.3	60.0
37	DISTRICT OF COLUMBIA ³	605.1	599.9	590.1	(1)	(1)	(1)	23.2	22.0	24.5	20.2	20.2	19.6
38	Washington.....	890.4	879.3	863.9	(1)	(1)	(1)	55.8	53.6	62.6	39.4	39.1	37.4
39	FLORIDA.....	1,595.6	1,596.7	1,534.8	9.6	9.7	9.4	128.8	129.7	119.7	247.8	251.2	239.5
40	Jacksonville.....	159.3	158.4	154.0	(1)	(1)	(1)	11.7	11.6	10.2	22.1	22.1	20.6
41	Miami.....	353.8	353.3	346.9	(1)	(1)	(1)	19.4	19.3	19.7	52.8	52.7	51.5
42	Tampa-St. Petersburg.....	232.1	232.2	224.5	(1)	(1)	(1)	18.4	18.4	18.2	40.6	41.8	39.3
43	GEORGIA.....	1,202.3	1,195.2	1,164.3	5.7	5.7	5.6	62.5	61.0	58.1	388.1	385.8	374.1
44	Atlanta.....	456.4	454.6	437.2	(1)	(1)	(1)	29.2	28.6	25.7	105.7	104.7	99.7
45	Savannah.....	55.2	54.1	54.3	(1)	(1)	(1)	2.9	2.9	2.5	14.8	14.5	14.5
46	HAWAII.....	210.9	209.4	202.4	(1)	(1)	(1)	17.6	17.2	15.9	23.0	23.2	23.5
47	Honolulu.....	178.1	176.6	171.0	(1)	(1)	(1)	14.7	14.4	13.5	16.2	16.3	16.5
48	IDAHO.....	163.5	163.2	158.3	3.3	3.3	2.9	7.4	6.9	6.5	30.0	31.5	30.1
49	Boise.....	30.4	30.2	28.9	(1)	(1)	(1)	1.8	1.8	1.7	3.2	3.1	2.9
50	ILLINOIS.....	3,694.7	3,683.3	3,596.9	24.5	24.4	24.9	131.2	125.6	132.1	1,256.4	1,258.8	1,210.1
51	Chicago.....	2,557.1	2,556.9	2,497.5	6.2	6.1	6.1	85.3	83.0	88.1	883.9	887.3	847.6
	Davenport-Rock Island-												
52	Moline.....	119.6	119.1	114.9	(2)	(2)	(2)	5.6	5.5	5.0	46.2	46.1	44.3
53	Peoria.....	110.8	110.3	106.1	(2)	(2)	(2)	6.2	6.0	5.4	44.5	44.3	41.9
54	Rockford.....	88.6	88.1	84.0	(2)	(2)	(2)	3.3	3.2	3.3	47.4	47.4	44.4

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	
49.2	49.3	48.7	162.8	161.5	158.5	35.2	35.4	35.0	106.2	106.0	105.3	178.2	177.3	174.2	1
16.1	16.2	16.1	48.2	48.1	47.2	14.6	14.6	14.3	26.5	26.6	26.2	24.0	24.0	23.0	2
2.0	1.9	1.7	10.8	10.9	9.6	1.6	1.6	1.5	13.7	13.6	12.9	25.6	25.6	23.9	3
10.0	10.1	10.1	22.5	22.6	22.0	4.3	4.3	4.3	14.0	13.9	13.6	26.8	26.6	26.8	4
6.4	6.4	6.3	8.4	8.4	8.2	2.0	2.0	1.9	7.0	6.9	6.3	28.4	28.2	26.8	5
24.9	24.8	24.7	95.3	95.0	91.2	21.6	21.6	20.6	66.5	66.0	63.8	90.8	90.2	86.0	6
13.6	13.5	13.5	59.3	59.1	57.0	15.3	15.2	14.6	39.5	39.0	37.5	43.3	43.2	40.7	7
5.3	5.3	5.3	17.6	17.5	17.1	4.1	4.1	3.9	14.4	14.6	14.3	21.0	20.8	20.3	8
28.3	28.3	28.5	92.0	90.3	90.2	17.7	17.5	16.6	59.6	58.1	56.4	79.4	78.8	75.9	9
1.5	1.5	1.4	4.0	4.0	3.8	.5	.5	.4	2.3	2.3	2.1	3.5	3.6	3.7	10
2.6	2.6	2.6	8.2	8.1	8.2	1.2	1.2	1.2	4.9	5.0	5.0	4.5	4.5	5.2	11
8.1	8.1	8.0	20.8	20.8	20.6	7.4	7.4	7.2	14.4	14.2	14.0	18.2	18.1	17.5	12
2.6	2.7	2.6	3.8	3.8	3.9	.8	.8	.8	2.7	2.6	2.5	4.1	4.1	3.9	13
374.7	370.5	360.4	1,227.9	1,218.4	1,179.7	315.6	313.3	301.8	909.4	902.2	862.3	1,089.9	1,082.5	1,036.0	14
9.4	9.3	8.8	59.6	58.8	53.7	12.6	12.5	11.7	41.1	40.7	37.2	43.2	42.8	38.2	15
5.4	5.4	5.4	16.8	16.6	16.3	3.0	3.0	2.9	10.5	10.4	10.2	21.4	21.3	21.0	16
7.6	7.7	7.5	24.6	24.5	23.8	4.6	4.6	4.5	14.9	14.9	14.4	20.7	20.8	20.2	17
145.8	144.5	138.5	542.6	540.6	521.6	144.0	143.2	138.0	405.8	403.1	389.9	328.3	325.1	313.5	18
16.8	16.8	16.6	45.3	45.1	43.0	9.6	9.5	9.1	25.9	25.6	24.2	80.3	79.4	75.7	19
16.7	16.7	16.0	51.4	50.7	48.7	9.1	9.1	8.6	39.0	38.8	36.7	62.6	62.3	59.3	20
15.1	14.8	14.4	57.5	57.5	55.6	12.9	12.8	12.2	46.2	45.8	44.7	66.6	66.1	64.4	21
104.7	103.2	101.3	232.9	231.7	225.5	82.0	81.1	78.9	165.3	163.7	157.4	219.8	218.2	208.9	22
11.1	11.1	10.6	47.2	46.8	43.5	10.2	10.1	9.6	49.1	48.9	47.5	43.1	42.7	39.4	23
5.7	5.3	5.5	15.6	15.2	15.4	2.5	2.5	2.4	9.7	9.6	9.2	17.7	17.3	16.8	24
2.8	2.7	2.6	9.5	9.3	8.7	1.7	1.7	1.6	7.1	7.0	7.0	25.2	25.0	24.0	25
43.6	43.5	43.4	134.2	133.5	129.8	30.7	30.7	29.9	92.5	92.4	89.4	134.4	134.4	129.4	26
29.6	29.7	29.7	91.3	90.7	87.5	23.3	23.3	23.0	63.2	62.8	60.9	70.1	70.2	67.2	27
45.7	45.7	45.2	176.2	175.0	171.8	57.9	57.8	57.3	131.2	129.9	127.9	111.0	110.7	108.1	28
5.5	5.5	5.5	23.1	23.0	22.5	4.1	4.0	3.9	14.9	14.7	14.5	11.0	11.1	10.9	29
9.8	9.8	9.5	49.6	49.1	48.0	34.0	33.9	33.0	33.0	32.8	32.3	28.7	28.8	28.5	30
1.8	1.8	1.8	6.0	6.0	6.0	.9	.9	.9	4.0	4.0	4.0	3.2	3.2	3.2	31
12.7	12.6	12.5	26.2	26.0	25.3	7.1	7.5	7.3	24.6	24.4	24.1	13.7	13.7	13.5	32
2.9	2.9	2.8	14.0	13.8	13.7	2.6	2.7	2.6	12.2	12.0	12.0	6.2	6.2	6.1	33
2.7	2.7	2.7	10.2	10.1	9.8	1.8	1.8	1.8	7.9	7.9	7.8	6.7	6.7	6.6	34
10.0	10.0	10.0	32.3	32.4	32.0	6.8	6.8	6.5	21.6	21.6	21.3	24.7	24.5	23.7	35
8.6	8.6	8.9	29.1	29.2	28.3	6.3	6.3	6.0	19.5	19.5	18.8	20.8	20.6	19.9	36
29.9	29.7	29.6	86.0	85.7	85.9	31.1	30.9	30.3	113.1	111.0	106.1	301.6	300.4	294.1	37
47.8	47.5	46.1	173.0	170.5	166.3	51.9	51.1	49.9	180.4	176.7	169.5	342.1	340.8	332.1	38
109.4	107.6	107.0	426.1	427.4	413.2	95.6	95.6	94.7	288.9	287.6	274.5	289.4	287.9	276.8	39
16.3	15.5	16.2	44.3	44.4	43.2	14.4	14.5	14.6	23.7	23.5	22.6	26.8	26.8	26.6	40
36.4	35.8	35.3	96.3	96.8	95.8	24.4	24.3	24.0	78.2	78.5	76.3	46.3	45.9	44.3	41
17.2	16.4	16.5	67.4	67.3	65.4	13.9	13.9	13.3	39.4	39.0	38.0	35.2	35.4	33.3	42
80.9	79.8	78.4	249.9	248.8	244.0	57.7	57.6	57.8	138.5	138.1	135.3	219.0	218.4	211.0	43
43.0	42.7	40.4	118.2	118.1	115.9	32.2	32.1	31.9	63.8	63.8	61.0	64.3	64.6	62.6	44
5.9	5.4	6.3	12.3	12.2	12.0	2.7	2.7	2.9	7.3	7.2	7.2	9.3	9.2	8.9	45
15.4	15.5	15.3	49.2	49.0	45.7	12.3	12.2	12.0	37.6	37.2	35.9	55.8	55.1	54.1	46
13.1	13.2	12.9	41.9	41.7	39.0	11.4	11.4	11.2	32.3	31.9	31.0	48.5	47.7	46.9	47
14.0	13.8	13.8	40.1	39.4	39.0	6.8	6.9	6.6	23.9	23.8	23.1	38.0	37.6	36.3	48
2.8	2.8	2.7	8.2	8.1	8.0	2.2	2.2	2.2	4.6	4.6	4.4	7.6	7.6	7.0	49
267.5	267.1	266.9	786.9	783.9	765.8	198.0	198.0	196.1	543.6	541.3	528.8	486.4	484.1	472.1	50
190.1	189.3	189.6	553.4	555.0	544.1	155.1	154.7	154.9	407.7	407.1	395.4	275.3	274.6	271.6	51
6.3	6.2	6.3	23.7	23.6	23.1	4.7	4.6	4.5	14.1	14.0	13.4	19.0	19.0	18.3	52
6.3	6.3	6.3	23.0	23.1	22.6	4.1	4.1	4.0	14.6	14.5	14.1	12.2	12.1	11.8	53
3.1	3.1	3.0	15.6	15.4	15.2	2.7	2.7	2.6	9.8	9.8	9.4	6.7	6.5	6.0	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

Table B-7: Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
1	INDIANA.....	1,553.8	1,541.7	1,498.3	8.1	7.9	8.4	63.9	61.2	56.8	643.5	639.4	612.6
2	Evansville.....	75.4	74.9	73.6	2.2	2.2	2.2	3.5	3.5	3.4	29.2	28.7	27.5
3	Fort Wayne.....	94.6	93.6	90.1	(1)	(1)	(1)	3.9	3.8	3.8	38.3	38.2	36.4
	Gary-Hammond-East												
4	Chicago.....	194.8	195.4	187.2	(1)	(1)	(1)	10.2	10.6	10.0	105.2	105.2	100.1
5	Indianapolis.....	347.2	344.6	337.2	(1)	(1)	(1)	12.4	11.9	12.6	120.0	119.0	114.3
6	South Bend.....	82.9	82.7	84.1	(1)	(1)	(1)	2.8	2.7	2.6	31.8	31.9	33.7
7	Terre Haute.....	45.0	45.0	44.9	.9	1.0	1.2	1.4	1.4	1.4	12.0	12.0	12.3
8	IOWA.....	717.5	715.6	698.6	2.8	2.7	2.8	28.8	28.5	27.4	184.9	185.1	178.9
9	Cedar Rapids.....	53.9	53.8	53.1	(1)	(1)	(1)	1.7	1.7	1.9	23.0	22.7	22.8
10	Des Moines.....	103.1	103.0	103.2	(1)	(1)	(1)	3.8	4.0	3.7	21.7	21.6	21.5
11	KANSAS.....	575.2	574.9	578.2	13.7	13.8	14.4	26.6	24.9	29.1	116.7	116.9	119.1
12	Topeka.....	51.5	51.2	49.8	.1	.1	.1	2.4	2.3	2.5	7.2	7.0	6.8
13	Wichita.....	126.9	127.3	127.7	2.9	2.9	2.9	4.8	4.7	4.9	43.1	43.9	44.8
14	KENTUCKY.....	736.6	737.7	697.1	29.7	29.7	29.1	40.3	41.2	33.5	199.6	201.2	185.8
15	Louisville.....	264.5	263.0	252.3	(1)	(1)	(1)	12.4	11.2	11.5	93.6	93.6	87.2
16	LOUISIANA.....	888.2	880.2	828.9	49.2	48.3	44.8	77.4	75.0	56.6	154.7	154.3	147.0
17	Baton Rouge.....	80.1	79.2	74.1	.2	.2	.2	9.6	8.3	6.6	15.8	15.7	15.3
18	New Orleans.....	328.0	326.4	314.7	11.0	11.0	10.0	24.8	24.7	21.6	55.7	56.2	52.8
19	Shreveport.....	76.8	75.9	73.9	5.3	5.4	5.2	6.1	5.6	4.8	10.1	9.9	9.9
20	MAINE.....	274.7	275.5	269.7	(1)	(1)	(1)	10.2	10.7	9.6	102.2	102.8	99.1
21	Lewiston-Auburn.....	24.0	23.9	24.3	(1)	(1)	(1)	1.0	1.0	.9	11.4	11.3	11.9
22	Portland.....	54.6	54.4	53.2	(1)	(1)	(1)	2.9	3.1	2.5	13.5	13.3	12.6
23	MARYLAND ³	1,020.9	1,007.9	983.9	2.5	2.5	2.5	70.1	64.7	66.8	257.0	257.0	251.8
24	Baltimore.....	646.6	640.8	631.9	.9	.9	.9	35.0	32.6	34.2	185.5	186.4	183.5
25	MASSACHUSETTS.....	1,959.3	1,939.7	1,916.8	(1)	(1)	(1)	80.4	77.9	68.0	654.7	643.3	645.8
26	Boston.....	1,110.7	1,095.1	1,083.8	(1)	(1)	(1)	50.2	48.5	40.9	278.5	268.6	273.3
27	Fall River.....	41.7	41.4	42.2	(1)	(1)	(1)	(1)	(1)	(1)	21.5	21.3	22.5
28	New Bedford.....	49.1	48.3	48.5	(1)	(1)	(1)	1.2	1.1	1.2	26.1	25.7	25.6
	Springfield-Chicopee-												
29	Holyoke.....	173.0	172.1	170.5	(1)	(1)	(1)	5.6	5.3	5.5	69.7	69.2	68.0
30	Worcester.....	115.9	115.5	113.8	(1)	(1)	(1)	3.4	3.5	3.5	48.4	48.4	47.1
31	MICHIGAN.....	2,545.1	2,532.4	2,425.2	12.8	12.5	11.7	99.3	95.4	83.7	1,067.1	1,061.6	1,004.5
32	Ann Arbor.....	89.4	88.6	82.9	(1)	(1)	(1)	1.5	1.4	1.8	31.9	31.8	29.4
33	Detroit.....	1,295.1	1,283.3	1,230.7	.8	.9	.7	49.0	47.4	46.9	560.9	553.4	519.6
34	Flint.....	146.4	145.1	139.0	(1)	(1)	(1)	5.0	4.6	3.6	83.4	83.1	79.3
35	Grand Rapids.....	154.5	153.6	151.8	(1)	(1)	(1)	5.7	5.7	6.0	70.2	69.6	67.0
36	Lansing.....	101.2	100.6	96.5	(1)	(1)	(1)	3.5	3.3	3.3	35.5	35.4	32.7
37	Muskegon-Muskegon Heights	44.8	44.5	44.0	(1)	(1)	(1)	1.1	.9	1.0	24.7	24.5	23.9
38	Saginaw.....	60.0	59.2	57.6	(1)	(1)	(1)	2.8	2.2	2.1	28.1	28.0	27.0
39	MINNESOTA.....	1,015.0	1,013.0	979.4	12.8	12.4	11.4	43.3	42.0	39.9	244.6	244.0	236.0
40	Duluth-Superior.....	47.5	47.5	45.7	(1)	(1)	(1)	2.0	1.8	1.5	9.5	9.4	8.9
41	Minneapolis-St. Paul.....	610.2	609.8	590.0	(1)	(1)	(1)	27.6	26.4	25.5	164.3	164.3	158.5
42	MISSISSIPPI.....	467.1	463.0	446.6	5.9	5.9	6.2	24.2	23.4	21.2	145.2	143.1	135.3
43	Jackson.....	73.1	72.5	71.3	.9	.9	1.1	4.1	3.9	4.3	11.8	11.8	11.1
44	MISSOURI.....	1,413.1	1,403.4	1,379.2	7.7	7.5	7.5	67.8	66.2	59.6	402.2	400.8	397.3
45	Kansas City.....	429.7	426.6	420.2	.6	.6	.6	20.7	19.9	19.8	112.9	112.5	111.5
46	St. Louis.....	781.6	778.7	763.2	2.8	2.7	2.6	40.5	39.5	34.6	268.4	269.0	264.8
47	MONTANA.....	167.5	167.0	165.1	7.1	7.1	7.3	8.5	8.1	7.9	20.3	20.2	20.2
48	Billings.....	24.4	24.3	23.5	(1)	(1)	(1)	1.5	1.5	1.5	3.0	3.0	2.7
49	Great Falls.....	21.2	21.0	20.8	(1)	(1)	(1)	1.7	1.6	1.5	3.1	3.1	3.0
50	NEBRASKA.....	399.4	397.4	390.2	1.7	1.6	1.7	20.1	18.6	19.4	67.3	66.9	64.9
51	Omaha.....	168.2	167.4	165.2	(2)	(2)	(2)	7.5	7.0	8.0	36.2	36.1	34.9
52	NEVADA.....	149.5	147.8	141.7	3.2	3.1	2.9	13.4	12.9	12.9	6.6	6.6	6.6
53	Reno.....	43.8	43.0	40.2	(4)	(4)	(4)	5.4	5.1	4.3	2.3	2.3	2.3
54	NEW HAMPSHIRE.....	205.5	204.1	199.8	.2	.2	.2	7.2	7.1	7.2	86.5	86.5	84.6
55	Manchester.....	43.5	43.4	43.0	(1)	(1)	(1)	1.8	1.8	1.7	17.0	16.9	16.7

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	
88.7	88.6	87.5	294.7	292.3	294.0	63.8	63.5	62.4	162.0	161.5	158.5	229.1	227.2	218.1	1
4.7	4.8	4.7	15.6	15.7	15.8	2.8	2.8	2.7	9.6	9.6	9.5	7.8	7.6	7.8	2
6.8	6.8	6.5	20.7	20.3	19.9	4.9	4.9	4.9	11.5	11.3	10.9	8.5	8.3	7.7	3
12.3	12.3	11.9	29.5	29.7	28.5	5.2	5.2	5.1	16.2	16.2	16.1	16.2	16.2	15.5	4
24.2	24.1	23.7	75.7	75.5	73.9	22.8	22.8	22.4	38.3	38.1	37.2	53.8	53.2	53.1	5
4.4	4.4	4.2	17.2	17.3	17.2	4.6	4.6	4.6	13.7	13.7	13.6	8.4	8.1	8.2	6
4.1	4.1	4.2	11.2	11.2	11.3	1.6	1.6	1.5	5.2	5.1	5.0	8.6	8.3	8.0	7
48.0	47.9	48.2	175.5	174.0	171.2	34.3	34.4	34.1	105.8	105.1	102.9	137.5	137.9	133.1	8
2.9	2.9	2.9	11.9	11.9	11.4	2.5	2.5	2.4	6.8	6.8	6.6	5.3	5.3	5.1	9
7.6	7.6	7.8	27.1	27.0	26.3	11.2	11.2	12.2	16.1	16.0	16.5	15.8	15.7	15.3	10
49.4	49.3	50.6	132.8	132.4	132.7	25.2	25.1	24.8	81.1	80.7	79.0	129.7	131.8	128.5	11
6.9	6.9	6.9	10.6	10.6	10.5	3.0	3.0	2.9	7.9	7.9	7.7	13.5	13.5	12.5	12
7.2	7.1	7.2	28.3	28.1	28.0	6.0	5.9	5.9	18.2	18.1	18.0	16.7	16.7	16.3	13
52.6	52.3	51.9	150.4	150.0	145.4	29.7	29.5	28.3	98.4	97.9	96.2	136.0	135.8	126.8	14
21.0	20.9	20.5	56.5	56.5	55.1	13.8	13.8	13.4	37.5	37.6	36.0	29.8	29.4	28.5	15
84.5	82.5	81.2	194.3	192.4	185.1	39.8	39.8	38.7	119.0	119.0	113.0	169.3	168.9	162.5	16
4.6	4.7	4.4	16.7	16.7	15.8	4.0	4.0	3.8	10.6	10.6	9.9	19.0	19.0	18.1	17
41.9	39.7	41.5	77.8	77.8	75.3	19.1	19.1	18.7	54.0	54.0	51.4	43.8	43.9	43.6	18
8.5	8.5	8.3	19.8	19.8	19.4	3.9	3.9	4.0	10.9	10.8	10.4	12.2	12.2	11.9	19
16.1	15.9	16.6	52.4	52.1	51.9	9.8	9.8	9.7	31.1	31.1	30.1	52.9	53.1	52.7	20
.9	.9	.9	4.9	4.8	4.9	.8	.8	.8	3.3	3.3	3.2	1.7	1.8	1.7	21
4.8	4.7	5.0	14.6	14.4	14.6	4.1	4.1	4.0	8.5	8.6	8.5	6.2	6.2	6.0	22
72.8	71.7	70.0	225.3	222.7	215.4	51.5	51.1	50.7	161.0	158.4	152.8	180.7	179.8	173.9	23
53.8	52.7	52.1	137.0	136.0	133.9	34.3	34.0	34.3	96.9	95.7	93.3	103.2	102.5	99.7	24
100.5	98.8	101.5	396.1	393.9	393.0	105.8	105.8	104.6	348.5	346.6	337.5	273.3	273.4	266.4	25
64.9	63.2	65.5	243.7	242.5	242.8	76.8	77.0	76.3	237.3	236.0	229.7	159.3	159.3	155.3	26
1.4	1.4	1.5	8.1	8.0	8.0	(1)	(1)	(1)	6.8	6.8	6.7	3.9	3.9	3.5	27
2.2	2.2	2.3	8.6	8.4	8.6	(1)	(1)	(1)	6.9	6.8	6.8	4.1	4.1	4.0	28
7.6	7.6	7.6	33.4	33.3	33.2	8.6	8.5	8.5	26.2	26.2	26.1	21.9	22.0	21.6	29
4.1	3.9	4.1	22.1	21.9	22.0	5.9	5.8	5.7	17.9	17.8	17.3	14.1	14.2	14.1	30
131.9	131.1	126.8	459.3	456.5	446.3	93.1	92.7	90.5	314.8	316.0	301.8	366.8	366.6	359.9	31
2.3	2.3	2.3	9.9	9.7	8.8	1.4	1.4	1.3	6.8	6.8	6.8	35.8	35.3	32.6	32
71.5	71.0	66.8	247.7	245.6	236.8	55.3	55.1	54.3	166.6	166.9	164.3	143.3	143.0	141.2	33
5.0	4.9	4.7	21.2	20.8	20.3	3.2	3.2	3.0	13.2	13.1	12.7	15.4	15.3	15.4	34
9.2	9.1	9.2	30.3	30.4	30.2	5.5	5.5	5.4	19.9	19.6	20.2	13.8	13.8	13.9	35
3.3	3.2	3.3	17.2	17.2	16.5	3.5	3.4	3.2	9.5	9.5	9.5	28.7	28.6	27.9	36
2.2	2.2	2.3	6.8	6.7	6.8	1.2	1.2	1.2	4.3	4.4	4.2	4.5	4.6	4.6	37
4.7	4.7	4.5	11.3	11.1	11.0	1.6	1.6	1.6	6.6	6.5	6.4	5.1	5.1	5.1	38
75.9	76.5	74.6	246.0	246.2	238.7	51.5	51.5	51.5	155.4	155.2	151.7	185.6	185.2	175.6	39
6.3	6.4	6.0	11.0	11.1	10.9	2.0	2.0	2.0	9.0	9.0	8.9	7.7	7.7	7.5	40
49.6	49.8	48.7	151.1	151.9	145.6	38.0	37.9	38.0	95.1	95.3	93.3	84.1	84.3	80.5	41
26.1	26.1	26.1	90.5	89.5	88.2	16.6	16.5	16.1	55.0	54.9	53.2	103.6	103.5	100.3	42
4.5	4.5	4.6	17.4	17.0	16.4	5.2	5.2	5.1	12.6	12.5	12.3	16.7	16.7	16.6	43
114.2	113.9	112.8	316.3	313.6	312.9	77.3	77.1	76.2	209.6	207.9	204.1	218.0	216.4	208.8	44
44.5	44.2	44.1	104.4	103.7	102.0	28.1	28.1	28.1	62.1	61.5	60.5	56.3	56.1	53.6	45
61.6	61.5	62.4	159.3	158.1	155.9	39.8	39.7	39.8	120.0	119.7	116.6	89.2	88.5	86.5	46
16.7	16.7	16.8	40.2	40.0	39.3	6.8	6.8	6.8	23.8	23.6	23.7	44.1	44.5	43.1	47
2.6	2.5	2.6	7.5	7.5	7.2	1.4	1.4	1.4	4.6	4.6	4.4	3.8	3.8	3.7	48
2.1	2.0	2.1	5.3	5.3	5.3	1.3	1.3	1.3	3.5	3.5	3.5	4.2	4.2	4.1	49
35.7	35.6	35.4	100.0	99.5	97.1	24.7	24.7	24.6	62.7	62.5	61.3	87.2	88.1	85.8	50
19.8	19.7	19.4	40.4	40.3	40.3	14.3	14.3	13.9	27.2	27.2	26.6	22.9	23.0	22.2	51
11.5	11.4	10.9	27.2	26.9	26.0	6.1	6.1	5.9	53.9	53.3	51.1	27.6	27.5	25.4	52
4.1	4.1	3.8	9.3	9.1	8.1	2.2	2.2	2.1	12.5	12.3	12.4	8.0	7.9	7.2	53
9.6	9.6	9.5	37.5	36.6	36.3	8.3	8.3	7.9	30.1	29.5	28.5	26.1	26.3	25.5	54
2.6	2.6	2.6	9.3	9.3	9.2	2.6	2.6	2.5	6.6	6.5	6.7	3.6	3.6	3.6	55

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
1	NEW JERSEY.....	2,162.7	2,148.5	2,108.2	3.4	3.2	3.6	97.9	91.3	91.8	808.1	808.8	797.9
2	Atlantic City.....	49.4	48.9	48.5	-	-	-	3.3	3.1	3.8	8.4	8.2	7.9
3	Jersey City 5.....	247.7	248.3	247.3	-	-	-	5.7	5.4	5.5	108.9	110.3	111.0
4	Newark 5.....	692.6	689.5	677.9	.8	.8	.9	26.8	25.7	26.5	237.3	237.7	234.4
5	Paterson-Clifton-Passaic 5	403.1	401.2	395.7	.4	.3	.4	20.3	19.1	18.8	167.4	167.9	166.1
6	Perth Amboy 5.....	201.8	200.2	198.8	.7	.7	.7	9.3	8.6	8.8	94.0	93.5	94.8
7	Trenton.....	115.4	115.0	112.4	.1	.1	.1	4.6	4.3	4.1	40.4	40.2	39.4
8	NEW MEXICO.....	258.6	256.2	248.4	17.1	17.2	17.5	19.7	18.7	17.3	17.1	16.9	17.2
9	Albuquerque.....	92.5	91.7	88.9	(1)	(1)	(1)	8.2	8.1	7.4	8.6	8.5	8.5
10	NEW YORK.....	6,333.5	6,291.8	6,246.2	8.7	8.8	8.1	230.3	217.4	236.8	1,810.0	1,798.8	1,782.6
11	Albany-Schenectady-Troy..	236.4	235.1	231.4	(1)	(1)	(1)	8.6	7.9	6.9	62.4	62.0	60.6
12	Binghamton.....	94.2	93.9	91.9	(1)	(1)	(1)	2.4	2.4	2.8	44.1	44.1	42.2
13	Buffalo.....	436.2	434.7	423.3	(1)	(1)	(1)	14.5	14.5	13.8	173.9	172.9	165.4
14	Elmira 6.....	32.9	33.0	32.0	-	-	-	-	-	-	13.7	13.8	13.3
	Nassau and Suffolk												
15	Counties 7.....	532.8	524.5	523.4	(1)	(1)	(1)	32.1	29.6	33.5	126.2	124.7	134.5
	New York-Northeastern												
16	New Jersey.....	5,928.5	5,889.5	5,873.2	4.7	4.7	4.7	221.2	209.9	235.3	1,683.6	1,677.1	1,690.2
17	New York SMSA 5.....	4,383.3	4,350.4	4,353.5	2.8	2.9	2.7	159.1	151.1	175.7	1,076.0	1,067.6	1,083.9
18	New York City 7.....	3,554.0	3,533.4	3,544.1	2.2	2.3	2.2	112.5	108.4	126.9	866.2	859.6	869.1
19	Rochester.....	287.7	287.0	273.1	(1)	(1)	(1)	11.1	10.8	9.8	128.0	128.0	120.4
20	Syracuse.....	186.3	186.1	183.7	(1)	(1)	(1)	6.9	6.6	6.5	62.3	62.2	61.6
21	Utica-Rome.....	99.2	98.7	99.5	(1)	(1)	(1)	2.0	1.8	1.8	37.1	36.8	36.0
22	Westchester County 7.....	253.8	250.3	245.6	(1)	(1)	(1)	12.8	11.6	13.4	70.4	70.4	67.6
23	NORTH CAROLINA.....	1,355.0	1,348.7	1,317.4	2.5	2.5	2.5	73.4	71.1	70.9	564.4	564.1	546.7
24	Charlotte.....	132.2	131.9	128.5	(1)	(1)	(1)	9.4	9.2	9.0	33.5	33.6	32.9
25	Greensboro-High Point....	-	-	-	-	-	-	6.2	6.0	5.4	46.4	46.0	45.2
26	Winston-Salem.....	-	-	-	-	-	-	-	-	-	35.3	35.9	36.0
27	NORTH DAKOTA.....	137.3	136.5	132.4	1.7	1.7	1.5	8.5	8.1	6.1	7.2	7.1	7.5
28	Fargo-Moorhead.....	32.4	32.3	31.3	(1)	(1)	(1)	1.8	1.8	1.8	2.2	2.2	2.0
29	OHIO.....	3,235.5	3,214.4	3,128.3	19.4	19.3	19.0	116.0	109.6	109.3	1,288.4	1,281.5	1,233.8
30	Akron.....	201.5	200.7	193.5	.2	.2	.2	5.7	5.5	5.3	90.8	90.7	87.1
31	Canton.....	115.6	114.6	107.8	.3	.3	.3	3.2	3.2	2.8	58.4	57.6	52.2
32	Cincinnati.....	417.4	414.5	410.9	.4	.4	.4	16.4	15.3	15.3	148.7	148.4	146.3
33	Cleveland.....	747.4	742.9	720.4	.9	.9	.8	30.7	29.7	26.8	290.0	288.7	282.5
34	Columbus.....	301.9	299.3	290.8	.8	.8	.8	12.0	11.4	12.1	80.0	79.3	78.5
35	Dayton.....	271.5	269.7	259.9	.4	.4	.4	9.0	8.5	8.6	112.2	111.6	105.7
36	Toledo.....	195.5	194.7	188.4	.2	.2	.3	7.3	6.8	5.7	74.4	74.3	73.3
37	Youngstown-Warren.....	165.9	164.9	153.8	.4	.4	.5	5.6	5.5	5.2	81.1	80.6	71.9
38	OKLAHOMA.....	626.2	625.5	611.5	42.3	42.3	41.4	33.6	33.2	34.7	97.2	97.3	94.5
39	Oklahoma City.....	205.9	205.3	199.0	6.8	6.7	6.5	12.5	12.5	13.8	26.4	26.2	25.0
40	Tulsa.....	146.2	146.3	138.1	12.8	12.7	12.4	9.3	9.4	7.6	33.4	33.6	31.5
41	OREGON.....	567.7	561.1	545.9	1.5	1.4	1.4	30.0	28.5	25.5	145.2	143.1	140.8
42	Portland.....	297.2	294.8	284.9	(1)	(1)	(1)	15.1	14.7	13.3	69.3	68.2	65.6
43	PENNSYLVANIA 8.....	3,773.6	3,740.3	3,692.3	44.2	44.7	46.1	130.5	124.2	129.2	1,466.2	1,457.2	1,407.1
	Allentown-Bethlehem-												
44	Easton.....	194.1	190.6	183.5	.5	.5	.5	6.4	6.0	5.9	102.5	100.0	94.1
45	Altoona.....	41.9	41.9	40.7	(1)	(1)	(1)	1.2	1.1	1.1	12.6	12.6	12.0
46	Erie.....	80.5	80.1	78.0	(1)	(1)	(1)	2.0	1.9	2.0	39.1	39.0	37.0
47	Harrisburg.....	155.0	153.8	150.6	(1)	(1)	(1)	7.2	6.6	5.7	35.6	35.3	35.3
48	Johnstown.....	70.8	70.4	68.2	5.2	5.2	4.9	1.6	1.6	1.6	26.0	25.7	24.5
49	Lancaster.....	100.8	100.0	97.5	(1)	(1)	(1)	5.1	4.8	4.4	49.9	49.6	47.6
50	Philadelphia.....	1,528.4	1,511.2	1,513.2	1.3	1.2	1.3	60.8	56.2	60.5	540.6	536.6	527.6
51	Pittsburgh.....	765.8	763.1	751.1	9.1	9.5	9.0	27.0	26.8	29.0	282.4	281.0	271.6
52	Reading.....	107.8	107.2	104.3	(1)	(1)	(1)	3.9	3.7	3.4	54.1	54.0	51.9
53	Scranton.....	75.7	75.2	75.0	.9	1.1	1.1	1.6	1.6	1.6	31.8	31.3	31.0
54	Wilkes-Barre-Hazleton..	107.2	106.1	106.1	4.3	4.4	4.9	3.2	3.0	3.2	47.7	47.2	46.1
55	York.....	105.9	105.3	100.8	(1)	(1)	(1)	5.1	4.9	4.5	53.6	53.6	50.3
56	RHODE ISLAND.....	298.4	295.8	294.4	(1)	(1)	(1)	11.8	10.9	11.4	115.7	114.9	113.9
	Providence-Pawtucket-												
57	Warwick.....	314.1	311.5	306.6	(1)	(1)	(1)	12.0	11.3	11.6	134.0	133.2	129.2

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	
153.3	151.6	148.8	417.1	413.5	404.1	97.5	97.1	95.4	297.7	295.8	287.5	287.7	287.2	279.1	1
3.4	3.4	3.5	12.1	11.8	12.2	2.9	2.9	2.9	10.6	10.9	9.8	8.7	8.6	8.4	2
35.5	35.1	34.7	37.0	36.9	35.9	8.6	8.7	8.7	24.7	24.6	24.4	27.3	27.3	27.1	3
51.9	51.2	49.8	134.7	133.5	132.7	48.3	48.2	47.3	108.7	108.2	104.9	84.1	84.2	81.4	4
23.0	22.8	22.4	87.5	86.9	85.9	14.1	14.1	13.7	51.3	50.8	50.8	39.1	39.3	37.6	5
9.6	9.6	9.6	34.2	34.0	33.6	4.2	4.2	3.9	19.7	19.7	18.9	30.1	29.9	28.5	6
6.2	6.2	6.0	18.8	18.8	18.5	4.4	4.4	4.4	18.7	18.7	18.7	22.2	22.3	21.2	7
19.6	19.5	19.6	53.4	52.9	51.4	11.5	11.3	11.3	45.4	45.3	42.6	74.8	74.4	71.5	8
6.1	6.1	6.4	21.3	20.9	20.1	5.9	5.8	5.8	21.2	21.2	20.4	21.2	21.1	20.3	9
473.2	471.1	467.8	1,274.3	1,271.6	1,269.1	500.3	499.0	498.3	1,088.6	1,081.2	1,061.5	948.0	944.0	922.1	10
13.3	13.3	13.6	45.5	45.6	45.3	9.6	9.6	9.5	38.0	37.8	36.5	59.0	58.9	59.0	11
4.6	4.6	4.7	14.9	14.9	15.0	2.8	2.8	2.7	10.0	9.9	9.8	15.4	15.4	14.9	12
29.9	29.9	29.8	84.1	84.1	82.8	16.3	16.3	16.2	56.6	56.7	55.4	60.9	60.4	59.7	13
-	-	-	6.4	6.5	6.3	-	-	-	-	-	-	-	-	-	14
25.4	25.2	24.5	135.0	133.0	126.7	23.7	23.6	22.1	91.0	89.2	86.5	99.5	99.3	95.6	15
480.2	477.2	474.2	1,222.7	1,216.1	1,205.9	507.3	506.3	501.7	1,024.6	1,016.0	997.3	784.1	782.2	763.9	16
360.3	358.8	357.7	929.4	924.8	917.9	432.1	431.1	428.1	820.2	812.7	798.3	603.5	601.5	589.3	17
316.1	314.8	315.2	731.2	729.3	730.9	394.7	393.8	392.5	672.4	668.6	657.5	458.6	456.7	449.9	18
12.7	12.6	12.6	51.6	51.5	49.0	9.6	9.4	9.3	38.6	38.5	36.9	36.2	36.1	35.1	19
12.3	12.3	12.2	39.3	39.0	38.9	9.6	9.6	9.5	28.1	28.1	27.7	27.8	28.2	27.3	20
5.2	5.2	5.5	15.5	15.6	16.1	3.9	3.9	4.0	11.0	11.0	10.8	24.4	24.4	25.3	21
16.7	16.7	16.0	55.9	55.3	53.8	12.2	12.2	12.1	51.2	49.4	49.2	34.6	34.7	33.5	22
72.8	71.5	69.2	245.2	243.6	241.5	52.3	52.1	50.4	149.4	148.4	144.6	195.0	195.4	191.6	23
14.6	14.5	14.1	35.4	35.4	34.6	8.8	8.8	8.7	17.0	16.9	16.2	13.5	13.5	13.0	24
5.8	5.8	5.6	21.4	21.2	20.6	7.0	6.9	6.5	-	-	-	-	-	-	25
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
11.6	11.6	11.6	38.7	38.5	38.2	6.1	6.1	6.1	24.9	24.7	23.9	38.6	38.6	37.6	27
2.9	2.9	2.8	10.0	9.9	9.9	2.1	2.1	2.0	6.2	6.2	5.9	7.2	7.3	6.7	28
196.6	195.8	192.7	621.5	619.9	606.0	128.4	128.0	126.6	408.1	405.7	398.0	457.0	454.6	443.0	29
13.1	13.0	12.9	37.4	37.3	36.0	5.6	5.6	5.6	24.3	24.0	23.5	24.4	24.4	22.8	30
6.0	5.9	5.9	20.5	20.5	19.8	3.8	3.8	3.7	13.1	12.9	12.9	10.5	10.6	10.2	31
31.3	31.1	31.1	88.5	88.3	86.1	23.1	22.9	22.9	56.5	55.9	55.9	52.5	52.1	52.9	32
45.7	45.4	44.5	152.0	151.3	145.9	35.2	35.2	34.7	102.7	102.3	98.4	90.2	89.4	86.8	33
18.8	18.7	17.9	63.7	63.4	60.0	18.9	18.9	18.2	44.5	43.9	42.1	63.2	62.9	61.0	34
10.2	10.1	9.9	47.9	47.4	45.8	7.4	7.5	7.1	34.7	34.6	33.4	49.7	49.6	48.8	35
13.8	13.7	12.9	41.2	41.3	39.8	6.5	6.5	6.4	27.2	27.0	26.2	24.8	24.9	23.7	36
8.7	8.6	8.6	28.9	28.7	27.6	4.3	4.3	4.3	20.8	20.6	20.2	16.2	16.1	15.6	37
45.2	45.2	45.3	143.5	143.4	139.0	30.5	30.7	30.0	85.6	85.8	82.8	148.3	147.6	143.8	38
13.6	13.5	13.1	49.2	49.3	46.2	13.2	13.1	12.9	28.6	28.5	27.2	55.6	55.5	54.3	39
14.1	14.1	13.5	33.9	33.7	31.7	7.2	7.3	7.1	21.3	21.3	20.5	14.2	14.2	13.8	40
44.2	44.0	43.1	124.7	123.8	121.9	26.1	26.1	25.2	80.7	79.8	77.5	115.3	114.4	110.5	41
27.3	27.2	26.6	72.5	72.4	70.8	17.6	17.6	16.8	45.7	45.3	44.6	49.7	49.4	47.2	42
256.0	249.9	256.1	678.0	672.3	674.9	159.8	159.2	158.5	539.3	535.0	532.3	499.6	497.8	488.1	43
10.5	10.5	10.2	29.6	29.3	29.5	5.3	5.2	5.2	23.5	23.4	23.0	15.8	15.7	15.1	44
9.0	9.0	8.8	7.0	7.1	7.0	1.1	1.1	1.1	5.8	5.8	5.8	5.2	5.2	4.9	45
4.5	4.4	4.4	13.6	13.6	13.6	2.5	2.5	2.5	10.5	10.4	10.3	8.3	8.3	8.2	46
12.4	12.4	12.4	26.3	26.2	26.1	6.8	6.8	6.8	20.8	20.6	19.4	45.9	45.9	44.9	47
4.9	4.9	4.7	11.3	11.3	11.3	1.8	1.8	1.8	9.9	9.9	9.7	10.1	10.0	9.7	48
4.8	4.8	4.8	17.4	17.3	17.3	2.3	2.3	2.3	12.6	12.5	12.6	8.7	8.7	8.5	49
104.3	99.8	106.3	302.4	300.9	300.0	84.8	84.5	85.4	233.3	231.5	232.3	200.9	200.5	199.8	50
53.9	53.8	53.8	148.3	147.2	147.2	31.9	31.9	32.0	127.4	127.2	126.1	85.8	85.7	82.4	51
5.5	5.5	5.6	16.1	16.0	15.8	4.3	4.3	4.3	13.8	13.7	13.5	10.1	10.0	9.8	52
5.5	5.5	5.8	13.9	13.8	14.2	2.4	2.4	2.4	11.1	11.0	10.8	8.5	8.5	8.1	53
5.7	5.7	5.8	18.0	17.8	18.2	3.5	3.4	3.3	11.9	11.8	12.0	12.9	12.8	12.6	54
5.5	5.5	5.4	17.6	17.4	17.1	2.3	2.3	2.3	11.9	11.8	11.7	9.9	9.8	9.5	55
14.4	14.4	14.2	54.7	54.2	54.6	13.7	13.7	13.4	44.9	44.6	44.2	43.2	43.1	42.7	56
13.9	13.9	13.8	56.0	55.4	55.2	13.7	13.7	13.4	44.0	43.6	43.3	40.5	40.4	40.1	57

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table B-7: Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
1	SOUTH CAROLINA.....	665.6	660.8	641.0	1.6	1.6	1.6	36.6	36.1	33.9	286.0	283.5	272.9
2	Charleston.....	69.2	67.5	66.1	(1)	(1)	(1)	5.0	4.9	4.5	12.1	11.8	11.6
3	Columbia.....	81.0	80.5	78.1	(1)	(1)	(1)	6.0	5.8	5.1	16.1	15.9	15.5
4	Greenville.....	95.9	95.3	92.4	(1)	(1)	(1)	6.1	6.1	5.9	48.6	48.0	45.9
5	SOUTH DAKOTA.....	146.5	146.2	146.5	2.4	2.4	2.5	6.2	6.3	7.5	12.6	12.9	12.8
6	Sioux Falls.....	29.8	29.5	29.0	(1)	(1)	(1)	1.4	1.3	1.5	5.3	5.4	5.2
7	TENNESSEE ⁸	1,058.9	1,053.6	1,011.6	6.8	6.7	6.6	48.9	48.6	47.3	368.6	368.1	352.0
8	Chattanooga.....	104.2	103.8	98.3	.2	.2	.2	4.9	4.6	3.2	43.1	43.1	41.3
9	Knoxville.....	127.4	126.8	120.5	1.7	1.7	1.7	5.6	5.5	4.9	44.2	44.0	42.6
10	Memphis.....	212.3	211.6	208.9	.2	.2	.2	10.7	10.6	11.6	48.7	48.3	46.7
11	Nashville.....	181.1	179.9	172.4	(1)	(1)	(1)	11.0	10.8	9.6	53.4	52.8	50.6
12	TEXAS.....	2,842.9	2,816.2	2,744.4	110.9	110.9	110.6	186.1	179.3	173.0	548.6	545.1	532.9
13	Dallas.....	466.0	463.4	451.4	7.8	7.7	7.8	28.3	28.0	28.9	115.9	114.5	111.9
14	Fort Worth.....	-	-	-	-	-	-	-	-	-	59.1	59.0	57.2
15	Houston.....	-	-	-	-	-	-	-	-	-	102.3	102.5	96.9
16	San Antonio.....	-	-	-	-	-	-	11.5	11.1	11.8	25.5	25.4	25.5
17	UTAH.....	289.2	287.1	286.6	12.0	11.9	11.3	13.5	12.8	13.4	48.4	48.5	51.6
18	Salt Lake City.....	158.9	157.7	156.8	6.9	6.9	6.3	8.7	8.3	8.6	27.9	27.8	28.8
19	VERMONT.....	110.7	109.6	105.8	1.2	1.2	1.2	4.1	4.0	3.7	36.5	35.8	33.5
20	Burlington ⁶	23.1	22.5	20.9	-	-	-	-	-	-	5.3	5.1	4.2
21	Springfield ⁶	12.1	12.1	11.8	-	-	-	-	-	-	6.9	6.8	6.5
22	VIRGINIA ³	1,162.4	1,151.6	1,130.4	15.4	15.2	15.4	84.7	80.7	77.2	310.1	309.0	300.4
23	Newport News-Hampton.....	80.7	79.8	77.0	(1)	(1)	(1)	5.2	5.0	4.5	26.0	26.0	24.7
24	Norfolk-Portsmouth.....	163.6	160.7	159.7	.1	.1	.1	12.9	12.5	11.5	18.1	17.5	17.2
25	Richmond.....	193.1	192.6	185.7	.2	.2	.2	13.3	12.9	12.9	48.1	48.1	46.1
26	Roanoke.....	65.4	64.7	62.6	.1	.1	.1	4.4	4.1	3.7	15.8	15.7	14.9
27	WASHINGTON.....	850.9	838.9	828.6	1.9	1.8	1.6	41.0	38.1	36.4	212.3	209.6	211.2
28	Seattle-Everett.....	395.5	390.6	387.2	(1)	(1)	(1)	17.4	16.4	16.8	111.1	109.8	109.6
29	Spokane.....	72.0	71.9	72.2	(1)	(1)	(1)	2.6	2.4	2.7	12.0	11.9	12.6
30	Tacoma.....	81.5	80.5	79.2	(1)	(1)	(1)	3.6	3.5	3.6	17.0	16.9	16.5
31	WEST VIRGINIA.....	452.8	449.6	453.3	47.7	48.0	47.5	16.2	15.0	14.8	125.0	124.8	124.7
32	Charleston.....	73.7	73.8	76.8	3.4	3.4	3.4	2.4	2.3	2.4	21.3	21.2	22.7
33	Huntington-Ashland.....	71.1	70.2	70.0	.8	.8	.9	2.7	2.4	2.8	25.6	25.2	23.7
34	Wheeling.....	50.9	50.8	50.4	2.5	2.5	2.5	3.1	2.7	2.1	15.6	16.0	15.8
35	WISCONSIN.....	1,269.7	1,266.4	1,223.5	1.9	1.9	2.2	48.8	48.2	46.0	475.0	473.6	457.6
36	Green Bay.....	41.5	41.5	40.0	(1)	(1)	(1)	1.8	1.7	1.8	13.9	13.9	13.4
37	Kenosha.....	35.8	36.2	36.5	(1)	(1)	(1)	1.0	1.0	1.1	20.8	21.2	21.5
38	La Crosse.....	24.5	24.3	23.2	(1)	(1)	(1)	.9	.9	.9	8.4	8.2	7.5
39	Madison.....	88.1	87.9	84.4	(1)	(1)	(1)	4.5	4.3	4.2	13.7	13.9	13.2
40	Milwaukee.....	483.5	483.4	465.3	(1)	(1)	(1)	20.6	20.3	17.4	196.9	197.2	190.1
41	Racine.....	50.2	49.4	47.1	(1)	(1)	(1)	1.6	1.6	1.6	25.7	25.2	23.3
42	WYOMING.....	90.5	90.0	88.8	8.3	8.4	8.2	6.1	5.9	6.8	6.7	6.7	6.5
43	Casper.....	16.8	17.0	16.5	3.0	3.1	3.0	.9	.9	.9	1.4	1.4	1.4
44	Cheyenne.....	17.5	17.3	18.5	(1)	(1)	(1)	1.1	1.1	2.3	1.7	1.7	1.4

¹Combined with service.

²Combined with construction.

³Federal employment in the Maryland and Virginia sectors of the District of Columbia metropolitan area is included in data for District of Columbia.

⁴Combined with manufacturing.

⁵Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁶Total includes data for industry divisions not shown separately.

⁷Subarea of New York Standard Metropolitan Statistical Area.

⁸Revised series; not strictly comparable with previously published data.

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	
27.9	26.8	26.8	110.1	110.1	107.4	24.0	23.9	23.6	67.3	67.1	66.1	112.1	111.7	108.7	1
4.5	3.6	4.3	14.0	13.9	13.2	2.8	2.8	2.7	7.8	7.7	7.6	23.0	22.8	22.2	2
5.0	4.9	4.9	16.9	17.0	16.8	5.8	5.8	5.7	9.9	9.9	9.8	21.3	21.2	20.3	3
3.5	3.5	3.4	15.5	15.6	15.4	3.6	3.6	3.5	10.0	10.0	10.0	8.6	8.5	8.3	4
9.9	9.8	9.9	39.5	39.2	39.7	7.0	7.0	6.6	23.7	23.6	23.9	45.2	45.0	43.8	5
2.8	2.7	2.8	9.5	9.3	8.9	1.8	1.8	1.7	5.4	5.3	5.3	3.7	3.7	3.7	6
55.2	55.1	54.5	210.9	209.2	201.4	45.5	45.5	43.9	141.9	141.2	136.4	181.1	179.2	169.5	7
5.1	5.1	5.0	19.1	19.1	18.4	5.6	5.6	5.6	12.4	12.4	12.0	13.8	13.7	12.6	8
6.5	6.5	6.4	25.9	25.8	24.5	4.6	4.5	4.2	15.2	15.1	14.2	23.7	23.7	22.0	9
16.5	16.5	16.4	55.5	55.6	54.5	12.0	12.0	11.5	32.0	31.8	31.8	36.7	36.6	36.2	10
10.9	10.9	10.6	37.8	37.6	36.7	11.7	11.7	11.4	29.1	29.1	27.9	27.2	27.0	25.6	11
216.6	211.1	218.0	699.7	692.7	677.4	149.9	149.4	144.5	414.1	412.5	393.4	517.0	515.2	494.6	12
37.0	36.9	36.0	124.5	124.2	120.2	38.6	38.6	38.0	64.2	63.9	61.4	49.7	49.5	47.2	13
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
9.5	9.5	9.5	-	-	-	12.8	12.9	12.9	-	-	-	56.8	56.8	56.7	15
21.2	21.2	21.4	64.8	64.0	63.5	12.7	12.6	12.5	40.2	39.9	39.2	76.4	76.2	73.7	17
13.7	13.6	13.6	41.5	41.2	40.8	9.9	9.8	9.7	22.8	22.7	22.6	27.5	27.4	26.4	18
6.9	6.9	6.9	20.9	20.7	20.2	4.2	4.2	4.2	19.2	19.4	19.0	17.9	17.8	17.4	19
1.5	1.5	1.5	5.4	5.2	5.0	-	-	-	-	-	-	-	-	-	20
.7	.7	.8	1.5	1.5	1.5	-	-	-	-	-	-	-	-	-	21
83.8	81.5	82.1	238.3	237.3	232.9	51.2	50.6	50.2	154.7	153.3	151.8	224.2	224.0	220.4	22
3.9	3.4	3.9	13.3	13.2	12.2	2.4	2.4	2.4	8.4	8.3	8.0	21.5	21.5	21.3	23
14.5	12.9	15.0	39.7	39.5	38.3	6.9	6.9	6.6	21.6	21.5	20.9	49.8	49.8	50.1	24
15.5	15.5	15.1	43.6	43.6	42.0	15.0	15.0	14.8	24.8	24.6	23.6	32.6	32.7	31.0	25
8.8	8.8	8.7	14.8	14.6	14.3	3.4	3.4	3.3	9.8	9.7	9.6	8.3	8.3	8.0	26
59.6	59.3	59.3	184.3	182.6	181.3	42.8	42.2	42.5	118.7	116.1	112.4	190.3	189.2	183.9	27
29.9	29.2	29.5	87.3	86.5	86.8	25.2	25.0	25.0	55.4	54.2	53.9	69.2	69.5	65.6	28
6.9	6.9	7.0	19.2	19.4	19.1	4.2	4.2	4.2	13.3	13.3	13.1	13.8	13.8	13.5	29
5.4	5.3	5.5	17.7	17.4	16.9	4.3	4.2	4.1	12.4	12.3	11.8	21.1	20.9	20.8	30
40.1	39.9	40.2	77.4	77.0	78.5	13.6	13.6	13.6	54.8	54.4	53.7	77.8	76.7	80.3	31
8.5	8.5	8.5	15.6	15.8	16.2	3.2	3.2	3.2	9.4	9.5	9.7	10.1	10.0	10.7	32
6.7	6.7	7.0	15.1	15.1	15.3	2.7	2.7	2.7	8.0	7.8	8.1	9.7	9.5	9.7	33
3.7	3.7	3.6	10.8	10.7	11.0	1.9	1.9	1.9	7.7	7.7	7.5	5.9	5.9	6.2	34
71.5	71.3	70.1	258.9	258.3	249.0	51.0	50.7	49.2	166.8	166.4	161.3	195.8	196.1	188.1	35
3.6	3.6	3.6	10.4	10.4	9.9	1.2	1.2	1.2	6.1	6.1	5.9	4.5	4.6	4.3	36
1.4	1.4	1.6	4.8	4.8	4.7	.7	.7	.7	4.0	3.9	4.0	3.1	3.1	2.9	37
2.0	2.0	1.9	5.5	5.5	5.3	.6	.5	.6	4.2	4.1	4.1	3.0	3.0	3.0	38
4.7	4.6	4.4	18.3	18.1	17.5	4.7	4.7	4.5	12.4	12.4	11.7	29.8	29.9	28.9	39
27.5	27.5	26.9	97.8	97.6	94.7	23.7	23.6	23.1	63.5	63.4	61.9	53.4	53.7	51.1	40
1.9	1.9	1.9	8.4	8.3	8.3	1.3	1.3	1.2	5.9	5.8	5.7	5.4	5.4	5.1	41
9.8	9.9	10.0	19.1	19.0	19.4	3.5	3.5	3.3	12.0	11.8	10.3	25.0	24.8	24.3	42
1.6	1.6	1.6	4.1	4.2	4.0	.8	.8	.8	2.4	2.4	2.2	2.6	2.6	2.6	43
2.5	2.5	2.5	4.0	3.9	4.2	1.0	1.0	.9	2.1	2.1	2.1	5.1	5.0	5.1	44

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

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

Year and month	Manufacturing			Durable goods			Nondurable goods		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
1919.....	\$21.84	46.3	\$0.472	-	-	-	-	-	-
1920.....	26.02	47.4	.549	-	-	-	-	-	-
1921.....	21.94	43.1	.509	-	-	-	-	-	-
1922.....	21.28	44.2	.482	-	-	-	-	-	-
1923.....	23.56	45.6	.516	\$25.42	-	-	\$21.50	-	-
1924.....	23.67	43.7	.541	25.48	-	-	21.63	-	-
1925.....	24.11	44.5	.541	26.02	-	-	21.99	-	-
1926.....	24.38	45.0	.542	26.23	-	-	22.29	-	-
1927.....	24.47	45.0	.544	26.28	-	-	22.55	-	-
1928.....	24.70	44.4	.556	26.86	-	-	22.42	-	-
1929.....	24.76	44.2	.560	26.84	-	-	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	108.50	41.1	2.64	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
1964: April.....	102.47	40.5	2.53	111.51	41.3	2.70	89.83	39.4	2.28
May.....	102.97	40.7	2.53	112.47	41.5	2.71	90.91	39.7	2.29
June.....	103.48	40.9	2.53	113.01	41.7	2.71	91.37	39.9	2.29
July.....	102.97	40.7	2.53	111.92	41.3	2.71	91.14	39.8	2.29
August.....	103.07	40.9	2.52	112.47	41.5	2.71	91.83	40.1	2.29
September.....	104.60	40.7	2.57	114.13	41.5	2.75	91.87	39.6	2.32
October.....	102.97	40.7	2.53	111.51	41.3	2.70	92.00	40.0	2.30
November.....	104.70	40.9	2.56	113.57	41.6	2.73	92.17	39.9	2.31
December.....	106.81	41.4	2.58	117.17	42.3	2.77	93.26	40.2	2.32
1965: January.....	105.93	40.9	2.59	115.51	41.7	2.77	92.50	39.7	2.33
February.....	105.93	40.9	2.59	115.51	41.7	2.77	92.73	39.8	2.33
March.....	107.12	41.2	2.60	117.04	42.1	2.78	93.60	40.0	2.34
April.....	105.56	40.6	2.60	115.37	41.5	2.78	92.20	39.4	2.34

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

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

Industry	Average weekly earnings					Average hourly earnings				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
MINING	-	\$120.47	\$119.72	\$115.64	\$113.70	-	\$2.91	\$2.92	\$2.80	\$2.78
METAL MINING	-	124.38	123.79	121.01	121.64	-	2.99	2.99	2.93	2.91
Iron ores	-	125.29	123.01	119.74	124.09	-	3.14	3.13	3.11	3.11
Copper ores	-	134.11	133.80	129.13	129.33	-	3.09	3.09	3.01	2.98
COAL MINING	-	135.83	135.88	121.82	115.97	-	3.43	3.44	3.24	3.16
Bituminous	-	138.11	138.85	123.33	117.76	-	3.47	3.48	3.28	3.20
CRUDE PETROLEUM AND NATURAL GAS	-	114.26	113.30	111.57	112.78	-	2.74	2.75	2.65	2.66
Crude petroleum and natural gas fields	-	121.20	121.30	119.14	120.54	-	3.00	3.01	2.92	2.94
Oil and gas field services	-	108.89	107.10	105.41	106.14	-	2.55	2.55	2.44	2.44
QUARRYING AND NONMETALLIC MINING	-	109.98	107.44	111.00	106.46	-	2.54	2.54	2.50	2.47
CONTRACT CONSTRUCTION	-	133.22	131.01	130.24	128.12	-	3.64	3.68	3.52	3.51
GENERAL BUILDING CONTRACTORS	-	124.94	122.15	122.04	120.27	-	3.49	3.50	3.39	3.35
HEAVY CONSTRUCTION	-	125.83	122.14	127.66	121.60	-	3.21	3.31	3.16	3.11
Highway and street construction	-	118.69	113.26	122.31	113.59	-	3.02	3.12	3.02	2.92
Other heavy construction	-	132.16	129.40	133.32	128.18	-	3.38	3.46	3.30	3.27
SPECIAL TRADE CONTRACTORS	-	141.21	139.23	137.23	135.00	-	3.89	3.90	3.77	3.75
MANUFACTURING	\$105.56	107.12	105.93	102.47	101.40	\$2.60	2.60	2.59	2.53	2.51
DURABLE GOODS	115.37	117.04	115.51	111.51	110.29	2.78	2.78	2.77	2.70	2.69
NONDURABLE GOODS	92.20	93.60	92.73	89.83	89.67	2.34	2.34	2.33	2.28	2.27
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	126.28	127.20	125.87	120.09	119.39	3.08	3.08	3.07	2.98	2.97
Ammunition, except for small arms	129.97	130.92	129.47	121.71	119.70	3.17	3.17	3.15	3.02	3.00
Sighting and fire control equipment	-	125.96	124.71	129.51	132.84	-	3.11	3.11	3.09	3.04
Other ordnance and accessories	118.61	120.35	117.79	115.14	116.52	2.90	2.90	2.88	2.85	2.87
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	86.83	86.22	84.53	84.19	81.97	2.16	2.15	2.14	2.11	2.07
Sawmills and planing mills	79.19	79.60	77.80	77.79	77.20	1.97	1.99	2.00	1.94	1.93
Sawmills and planing mills, general	-	81.40	79.13	79.40	78.60	-	2.04	2.05	1.99	1.97
Millwork, plywood, and related products	95.45	94.62	93.66	92.55	92.32	2.30	2.28	2.29	2.23	2.23
Millwork	-	90.85	89.72	90.39	89.06	-	2.26	2.26	2.21	2.21
Veneer and plywood	-	98.90	96.64	95.40	96.28	-	2.30	2.31	2.25	2.26
Wooden containers	70.58	70.93	69.48	68.85	67.94	1.76	1.76	1.75	1.73	1.72
Wooden boxes, shooks, and crates	-	68.91	68.17	67.30	65.67	-	1.71	1.70	1.67	1.65
Miscellaneous wood products	77.57	78.91	77.36	76.52	75.92	1.92	1.92	1.91	1.88	1.87
FURNITURE AND FIXTURES	84.66	86.53	86.53	83.03	82.42	2.08	2.09	2.09	2.04	2.03
Household furniture	80.59	82.19	82.17	79.15	78.74	1.98	1.99	1.98	1.94	1.93
Wood house furniture, upholstered	-	78.02	77.96	74.82	74.23	-	1.84	1.83	1.79	1.78
Wood house furniture, upholstered	-	88.48	87.67	84.59	85.03	-	2.19	2.17	2.12	2.11
Mattresses and bedsprings	-	87.42	88.03	83.81	81.92	-	2.23	2.24	2.16	2.15
Office furniture	-	99.60	100.19	96.46	95.41	-	2.40	2.42	2.37	2.35
Partitions; office and store fixtures	-	110.97	108.68	105.85	103.62	-	2.70	2.69	2.62	2.61
Other furniture and fixtures	87.95	90.92	91.78	86.24	86.46	2.14	2.17	2.18	2.14	2.14
STONE, CLAY, AND GLASS PRODUCTS	106.60	105.78	104.60	104.83	102.25	2.60	2.58	2.57	2.52	2.50
Flat glass	-	147.77	144.63	136.68	139.47	-	3.51	3.46	3.40	3.41
Glass and glassware, pressed or blown	101.01	101.77	104.60	103.22	101.15	2.59	2.57	2.57	2.53	2.51
Glass containers	-	101.14	106.49	105.47	102.82	-	2.60	2.61	2.56	2.52
Pressed and blown glassware, n.e.c.	-	102.87	102.47	100.75	99.25	-	2.54	2.53	2.50	2.50
Cement, hydraulic	122.78	119.84	119.54	118.12	117.26	2.98	2.93	2.93	2.86	2.86
Structural clay products	95.72	92.89	90.50	91.32	88.51	2.29	2.26	2.24	2.19	2.18
Brick and structural clay tile	-	86.11	83.44	86.70	84.03	-	2.07	2.05	2.04	2.02
Pottery and related products	-	94.30	92.73	93.67	92.04	-	2.34	2.33	2.33	2.33
Concrete, gypsum, and plaster products	106.68	105.16	101.96	106.75	100.94	2.54	2.54	2.52	2.50	2.45
Other stone and mineral products	109.10	108.68	108.16	107.36	105.92	2.61	2.60	2.60	2.55	2.54
Abrasive products	-	111.92	110.43	108.62	105.56	-	2.71	2.70	2.63	2.60

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,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
MINING	-	41.4	41.0	41.3	40.9	-	-	-	-	-
METAL MINING	-	41.6	41.4	41.3	41.8	-	-	-	-	-
Iron ores	-	39.9	39.3	38.5	39.9	-	-	-	-	-
Copper ores	-	43.4	43.3	42.9	43.4	-	-	-	-	-
COAL MINING	-	39.6	39.5	37.6	36.7	-	-	-	-	-
Bituminous	-	39.8	39.9	37.6	36.8	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS	-	41.7	41.2	42.1	42.4	-	-	-	-	-
Crude petroleum and natural gas fields	-	40.4	40.3	40.8	41.0	-	-	-	-	-
Oil and gas field services	-	42.7	42.0	43.2	43.5	-	-	-	-	-
QUARRYING AND NONMETALLIC MINING	-	43.3	42.3	44.4	43.1	-	-	-	-	-
CONTRACT CONSTRUCTION	-	36.6	35.6	37.0	36.5	-	-	-	-	-
GENERAL BUILDING CONTRACTORS	-	35.8	34.9	36.0	35.9	-	-	-	-	-
HEAVY CONSTRUCTION	-	39.2	36.9	40.4	39.1	-	-	-	-	-
Highway and street construction	-	39.3	36.3	40.5	38.9	-	-	-	-	-
Other heavy construction	-	39.1	37.4	40.4	39.2	-	-	-	-	-
SPECIAL TRADE CONTRACTORS	-	36.3	35.7	36.4	36.0	-	-	-	-	-
MANUFACTURING	40.6	41.2	40.9	40.5	40.4	3.1	3.5	3.3	2.9	2.8
DURABLE GOODS	41.5	42.1	41.7	41.3	41.0	3.4	3.8	3.7	3.1	2.9
NONDURABLE GOODS	39.4	40.0	39.8	39.4	39.5	2.7	3.0	2.9	2.7	2.6
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	41.0	41.3	41.0	40.3	40.2	-	2.2	2.0	1.7	1.5
Ammunition, except for small arms	41.0	41.3	41.1	40.3	39.9	-	2.3	2.2	1.7	1.4
Sighting and fire control equipment	-	40.5	40.1	40.6	41.0	-	.9	.7	.9	1.1
Other ordnance and accessories	40.9	41.5	40.9	40.4	40.6	-	2.3	1.7	1.9	1.7
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	40.2	40.1	39.5	39.9	39.6	-	3.5	3.2	3.2	3.2
Sawmills and planing mills	40.2	40.0	38.9	40.1	40.0	-	3.4	3.2	3.1	3.1
Sawmills and planing mills, general	-	39.9	38.6	39.9	39.9	-	-	-	-	-
Millwork, plywood, and related products	41.5	41.5	40.9	41.5	41.4	-	3.8	3.3	3.6	3.8
Millwork	-	40.2	39.7	40.9	40.3	-	-	-	-	-
Veneer and plywood	-	43.0	42.7	42.4	42.6	-	-	-	-	-
Wooden containers	40.1	40.3	39.7	39.8	39.5	-	3.1	2.8	2.8	2.4
Wooden boxes, shooks, and crates	-	40.3	40.1	40.3	39.8	-	-	-	-	-
Miscellaneous wood products	40.4	41.1	40.5	40.7	40.6	-	3.7	3.3	3.1	2.8
FURNITURE AND FIXTURES	40.7	41.4	41.4	40.7	40.6	-	3.3	3.3	2.9	2.9
Household furniture	40.7	41.3	41.5	40.8	40.8	-	3.4	3.4	3.1	3.1
Wood house furniture, unupholstered	-	42.4	42.6	41.8	41.7	-	-	-	-	-
Wood house furniture, upholstered	-	40.4	40.4	39.9	40.3	-	-	-	-	-
Mattresses and bedsprings	-	39.2	39.3	38.8	38.1	-	-	-	-	-
Office furniture	-	41.5	41.4	40.7	40.6	-	2.6	2.5	1.7	1.9
Partitions; office and store fixtures	-	41.1	40.4	40.4	39.7	-	2.6	2.5	1.9	2.0
Other furniture and fixtures	41.1	41.9	42.1	40.3	40.4	-	3.2	3.6	2.5	2.5
STONE, CLAY, AND GLASS PRODUCTS	41.0	41.0	40.7	41.6	40.9	-	3.6	3.3	3.6	3.3
Flat glass	-	42.1	41.8	40.2	40.9	-	4.4	3.6	2.5	2.7
Glass and glassware, pressed or blown	39.0	39.6	40.7	40.8	40.3	-	3.8	3.5	3.4	3.5
Glass containers	-	38.9	40.8	41.2	40.8	-	-	-	-	-
Pressed and blown glassware, n.e.c.	-	40.5	40.5	40.3	39.7	-	-	-	-	-
Cement, hydraulic	41.2	40.9	40.8	41.3	41.0	-	1.9	2.0	1.9	2.0
Structural clay products	41.8	41.1	40.4	41.7	40.6	-	3.1	2.8	3.5	3.0
Brick and structural clay tile	-	41.6	40.7	42.5	41.6	-	-	-	-	-
Pottery and related products	-	40.3	39.8	40.2	39.5	-	2.3	2.1	2.0	1.8
Concrete, gypsum, and plaster products	42.0	41.4	40.3	42.7	41.2	-	4.4	4.3	5.4	4.4
Other stone and mineral products	41.8	41.8	41.6	42.1	41.7	-	3.3	3.2	3.2	3.0
Abrasives products	-	41.3	40.9	41.3	40.6	-	-	-	-	-

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, by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	\$133.46	\$134.73	\$133.67	\$128.54	\$127.10	\$3.17	\$3.17	\$3.16	\$3.09	\$3.07
Blast furnace and basic steel products	(2)	142.88	141.44	136.94	135.20	(2)	3.41	3.40	3.34	3.33
Blast furnaces, steel and rolling mills	-	143.52	142.07	138.65	136.49	-	3.45	3.44	3.39	3.37
Iron and steel foundries	124.70	126.72	125.55	119.26	119.26	2.88	2.88	2.86	2.78	2.78
Gray iron foundries	-	127.68	125.21	117.39	117.66	-	2.85	2.82	2.73	2.73
Malleable iron foundries	-	128.46	130.68	124.12	123.54	-	2.96	2.97	2.90	2.90
Steel foundries	-	124.26	124.55	122.12	121.55	-	2.91	2.91	2.86	2.86
Nonferrous smelting and refining	121.06	121.47	120.77	117.67	118.12	2.91	2.92	2.91	2.87	2.86
Nonferrous rolling, drawing and extruding	123.06	128.03	126.28	120.84	120.13	2.93	2.95	2.93	2.85	2.84
Copper rolling, drawing, and extruding	-	133.29	131.37	127.30	127.44	-	3.05	3.02	2.94	2.95
Aluminum rolling, drawing, and extruding	-	130.05	126.05	124.80	124.50	-	3.06	3.03	3.00	3.00
Nonferrous wire drawing and insulating	-	123.92	123.32	111.78	110.56	-	2.81	2.79	2.63	2.62
Nonferrous foundries	109.20	113.94	114.21	109.86	109.86	2.67	2.70	2.70	2.66	2.66
Aluminum castings	-	115.18	114.75	110.83	112.17	-	2.71	2.70	2.69	2.69
Other nonferrous castings	-	112.44	113.67	108.88	107.57	-	2.69	2.70	2.63	2.63
Miscellaneous primary metal industries	135.11	142.33	142.89	134.83	133.25	3.24	3.31	3.30	3.18	3.15
Iron and steel forgings	-	149.04	148.61	137.61	135.62	-	3.45	3.44	3.30	3.26
FABRICATED METAL PRODUCTS	113.98	115.48	114.39	111.22	109.18	2.74	2.73	2.73	2.68	2.65
Metal cans	148.58	148.68	136.08	131.21	128.59	3.23	3.13	3.15	3.08	3.04
Cutlery, hand tools, and general hardware	108.24	111.45	110.92	108.58	104.96	2.64	2.66	2.66	2.61	2.56
Cutlery and hand tools, including saws	-	106.01	104.58	101.93	100.45	-	2.53	2.52	2.48	2.45
Hardware, n.e.c.	-	114.39	114.81	112.29	107.57	-	2.73	2.74	2.68	2.63
Heating equipment and plumbing fixtures	103.22	103.86	102.03	101.63	101.75	2.60	2.59	2.57	2.56	2.55
Sanitary ware and plumbers' brass goods	-	103.22	102.82	102.03	102.54	-	2.60	2.59	2.57	2.57
Heating equipment, except electric	-	104.64	101.89	101.49	101.20	-	2.59	2.56	2.55	2.53
Fabricated structural metal products	109.35	111.38	110.16	109.33	108.65	2.70	2.71	2.70	2.66	2.65
Fabricated structural steel	-	112.34	111.66	111.78	110.95	-	2.74	2.73	2.70	2.68
Metal doors, sash, frames, and trim	-	95.60	94.25	92.40	91.80	-	2.39	2.38	2.31	2.33
Fabricated plate work (boiler shops)	-	118.86	117.46	115.65	115.93	-	2.81	2.81	2.78	2.78
Sheet metal work	-	117.16	115.49	113.58	113.71	-	2.83	2.81	2.75	2.74
Architectural and miscellaneous metal work	-	106.65	106.52	109.08	106.67	-	2.70	2.69	2.68	2.66
Screw machine products, bolts, etc.	117.07	121.66	120.94	112.30	112.56	2.71	2.74	2.73	2.63	2.63
Screw machine products	-	114.40	115.00	106.25	107.00	-	2.60	2.59	2.50	2.50
Bolts, nuts, screws, rivets, and washers	-	128.13	126.26	117.27	117.27	-	2.86	2.85	2.74	2.74
Metal stampings	127.44	130.24	127.46	123.55	119.56	2.95	2.96	2.93	2.88	2.84
Coating, engraving, and allied services	99.39	102.41	100.67	97.75	95.51	2.43	2.45	2.42	2.39	2.37
Miscellaneous fabricated wire products	102.18	103.74	103.00	98.16	97.51	2.48	2.47	2.47	2.40	2.39
Miscellaneous fabricated metal products	110.02	113.13	111.78	107.04	105.44	2.69	2.70	2.70	2.63	2.61
Valves, pipe, and pipe fittings	-	115.63	116.47	109.20	107.73	-	2.74	2.76	2.67	2.66
MACHINERY	124.10	127.89	125.56	121.98	121.26	2.92	2.94	2.92	2.87	2.86
Engines and turbines	132.48	134.30	130.94	126.07	124.53	3.20	3.19	3.14	3.09	3.09
Steam engines and turbines	-	141.88	136.45	129.54	123.58	-	3.37	3.32	3.33	3.34
Internal combustion engines, n.e.c.	-	130.93	129.05	124.68	125.28	-	3.11	3.08	2.99	2.99
Farm machinery and equipment	-	121.80	120.64	118.28	118.43	-	2.90	2.90	2.85	2.84
Construction and related machinery	123.94	125.70	123.22	122.98	121.69	2.93	2.93	2.92	2.88	2.87
Construction and mining machinery	-	128.95	126.42	126.10	124.49	-	3.02	3.01	2.96	2.95
Oil field machinery and equipment	-	120.18	118.09	118.80	118.09	-	2.75	2.74	2.70	2.69
Conveyors, hoists, and industrial cranes	-	123.69	120.27	117.70	116.89	-	2.85	2.81	2.75	2.77
Metalworking machinery and equipment	142.52	146.92	143.78	140.12	139.19	3.16	3.18	3.16	3.10	3.10
Machine tools, metal cutting types	-	140.91	139.08	131.57	131.13	-	3.07	3.05	2.97	2.96
Special dies, tools, jigs, and fixtures	-	166.15	161.16	163.30	160.80	-	3.44	3.40	3.36	3.35
Machine tool accessories	-	130.82	127.46	118.58	118.29	-	2.92	2.91	2.83	2.83
Miscellaneous metalworking machinery	-	132.14	130.94	124.53	124.53	-	3.01	3.01	2.93	2.93
Special industry machinery	115.60	119.74	118.92	113.05	113.58	2.72	2.74	2.74	2.66	2.66
Food products machinery	-	124.84	122.25	117.32	116.62	-	2.91	2.89	2.80	2.79
Textile machinery	-	102.02	101.56	95.26	95.08	-	2.34	2.34	2.29	2.28
General industrial machinery	122.80	125.99	124.84	119.70	118.71	2.91	2.93	2.91	2.85	2.84
Pumps, air and gas compressors	-	121.39	120.25	114.40	113.98	-	2.81	2.79	2.75	2.74
Ball and roller bearings	-	131.07	128.10	121.72	120.60	-	3.02	3.00	2.94	2.92
Mechanical power transmission goods	-	126.15	128.04	123.84	122.12	-	2.90	2.91	2.86	2.84
Office, computing, and accounting machines	124.98	126.18	124.56	116.51	116.11	2.99	2.99	2.98	2.92	2.91
Computing machines and cash registers	-	134.41	132.72	122.93	121.83	-	3.17	3.16	3.12	3.10
Service industry machines	109.34	111.24	110.29	106.75	106.08	2.68	2.70	2.69	2.61	2.60
Refrigeration, except home refrigerators	-	112.88	111.52	107.30	107.16	-	2.72	2.72	2.63	2.62
Miscellaneous machinery	116.03	120.45	119.63	115.29	114.70	2.73	2.75	2.75	2.70	2.68

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, by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	42.1	42.5	42.3	41.6	41.4	-	4.0	3.9	2.8	2.8
Blast furnace and basic steel products	(2)	41.9	41.6	41.0	40.6	-	3.0	3.1	1.8	1.7
Blast furnaces, steel and rolling mills	-	41.6	41.3	40.9	40.5	-	-	-	-	-
Iron and steel foundries	43.3	44.0	43.9	42.9	42.9	-	6.0	5.6	4.7	4.6
Gray iron foundries	-	44.8	44.4	43.0	43.1	-	-	-	-	-
Malleable iron foundries	-	43.4	44.0	42.8	42.6	-	-	-	-	-
Steel foundries	-	42.7	42.8	42.7	42.5	-	-	-	-	-
Nonferrous smelting and refining	41.6	41.6	41.5	41.0	41.3	-	3.3	3.2	2.5	2.9
Nonferrous rolling, drawing and extruding	42.0	43.4	43.1	42.4	42.3	-	4.6	4.5	3.6	3.6
Copper rolling, drawing, and extruding	-	43.7	43.5	43.3	43.2	-	-	-	-	-
Aluminum rolling, drawing, and extruding	-	42.5	41.6	41.6	41.5	-	-	-	-	-
Nonferrous wire drawing and insulating	-	44.1	44.2	42.5	42.2	-	-	-	-	-
Nonferrous foundries	40.9	42.2	42.3	41.3	41.3	-	4.1	4.4	3.2	3.0
Aluminum castings	-	42.5	42.5	41.2	41.7	-	-	-	-	-
Other nonferrous castings	-	41.8	42.1	41.4	40.9	-	-	-	-	-
Miscellaneous primary metal industries	41.7	43.0	43.3	42.4	42.3	-	5.1	4.9	4.0	3.7
Iron and steel forgings	-	43.2	43.2	41.7	41.6	-	-	-	-	-
FABRICATED METAL PRODUCTS	41.6	42.3	41.9	41.5	41.2	-	4.0	3.8	3.1	2.9
Metal cans	46.0	47.5	43.2	42.6	42.3	-	8.6	4.6	3.5	3.0
Cutlery, hand tools, and general hardware	41.0	41.9	41.7	41.6	41.0	-	3.7	3.6	3.2	2.5
Cutlery and hand tools, including saws	-	41.9	41.5	41.1	41.0	-	-	-	-	-
Hardware, n.e.c.	-	41.9	41.9	41.9	40.9	-	-	-	-	-
Heating equipment and plumbing fixtures	39.7	40.1	39.7	39.7	39.9	-	1.9	1.7	1.8	1.8
Sanitary ware and plumbers' brass goods	-	39.7	39.7	39.7	39.9	-	-	-	-	-
Heating equipment, except electric	-	40.4	39.8	39.8	40.0	-	-	-	-	-
Fabricated structural metal products	40.5	41.1	40.8	41.1	41.0	-	2.9	2.8	2.6	2.5
Fabricated structural steel	-	41.0	40.9	41.4	41.4	-	-	-	-	-
Metal doors, sash, frames, and trim	-	40.0	39.6	40.0	39.4	-	-	-	-	-
Fabricated plate work (boiler shops)	-	42.3	41.8	41.6	41.7	-	-	-	-	-
Sheet metal work	-	41.4	41.1	41.3	41.5	-	-	-	-	-
Architectural and miscellaneous metal work	-	39.5	39.6	40.7	40.1	-	-	-	-	-
Screw machine products, bolts, etc.	43.2	44.4	44.3	42.7	42.8	-	5.6	5.6	4.0	4.1
Screw machine products	-	44.0	44.4	42.5	42.8	-	-	-	-	-
Bolts, nuts, screws, rivets, and washers	-	44.8	44.3	42.8	42.8	-	-	-	-	-
Metal stampings	43.2	44.0	43.5	42.9	42.1	-	5.5	5.2	4.2	3.5
Coating, engraving, and allied services	40.9	41.8	41.6	40.9	40.3	-	4.3	4.0	3.1	3.5
Miscellaneous fabricated wire products	41.2	42.0	41.7	40.9	40.8	-	3.7	3.5	2.8	2.9
Miscellaneous fabricated metal products	40.9	41.9	41.4	40.7	40.4	-	3.5	3.3	2.5	2.3
Valves, pipe, and pipe fittings	-	42.2	42.2	40.9	40.5	-	-	-	-	-
MACHINERY	42.5	43.5	43.0	42.5	42.4	-	4.7	4.4	3.9	3.8
Engines and turbines	41.4	42.1	41.7	40.8	40.3	-	4.2	4.1	2.6	2.4
Steam engines and turbines	-	42.1	41.1	38.9	37.0	-	-	-	-	-
Internal combustion engines, n.e.c.	-	42.1	41.9	41.7	41.9	-	-	-	-	-
Farm machinery and equipment	-	42.0	41.6	41.5	41.7	-	3.4	3.1	2.6	3.0
Construction and related machinery	42.3	42.9	42.2	42.7	42.4	-	4.0	3.9	4.0	3.6
Construction and mining machinery	-	42.7	42.0	42.6	42.2	-	-	-	-	-
Oil field machinery and equipment	-	43.7	43.1	44.0	43.9	-	-	-	-	-
Conveyors, hoists, and industrial cranes	-	43.4	42.8	42.8	42.2	-	-	-	-	-
Metalworking machinery and equipment	45.1	46.2	45.5	45.2	44.9	-	7.2	6.7	6.4	6.4
Machine tools, metal cutting types	-	45.9	45.6	44.3	44.3	-	-	-	-	-
Special dies, tools, jigs, and fixtures	-	48.3	47.4	48.6	48.0	-	-	-	-	-
Machine tool accessories	-	44.8	43.8	41.9	41.8	-	-	-	-	-
Miscellaneous metalworking machinery	-	43.9	43.5	42.5	42.5	-	-	-	-	-
Special industry machinery	42.5	43.7	43.4	42.5	42.7	-	5.0	4.6	3.7	3.8
Food products machinery	-	42.9	42.3	41.9	41.8	-	-	-	-	-
Textile machinery	-	43.6	43.4	41.6	41.7	-	-	-	-	-
General industrial machinery	42.2	43.0	42.9	42.0	41.8	-	4.1	4.1	3.3	3.1
Pumps; air and gas compressors	-	43.2	43.1	41.6	41.6	-	-	-	-	-
Ball and roller bearings	-	43.4	42.7	41.4	41.3	-	-	-	-	-
Mechanical power transmission goods	-	43.5	44.0	43.3	43.0	-	-	-	-	-
Office, computing, and accounting machines	41.8	42.2	41.8	39.9	39.9	-	2.9	2.5	1.3	1.3
Computing machines and cash registers	-	42.4	42.0	39.4	39.3	-	-	-	-	-
Service industry machines	40.8	41.2	41.0	40.9	40.8	-	2.9	2.4	2.2	2.1
Refrigeration, except home refrigerators	-	41.5	41.0	40.8	40.9	-	-	-	-	-
Miscellaneous machinery	42.5	43.8	43.5	42.7	42.8	-	5.4	5.1	4.7	4.5

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

ESTABLISHMENT DATA HOURS AND EARNINGS

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Table C-2: Gross hours and earnings of production workers¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	\$102.91	\$105.63	\$104.96	\$101.15	\$100.90	\$2.56	\$2.57	\$2.56	\$2.51	\$2.51
Electric distribution equipment	110.70	111.24	111.79	109.48	109.08	2.70	2.70	2.72	2.69	2.68
Electric measuring instruments	-	99.29	99.94	97.27	99.14	-	2.47	2.48	2.45	2.46
Power and distribution transformers	-	118.98	116.34	111.93	110.03	-	2.78	2.79	2.73	2.71
Switchgear and switchboard apparatus	-	115.75	117.42	117.71	115.90	-	2.83	2.85	2.85	2.82
Electrical industrial apparatus	112.59	112.86	112.44	109.03	108.62	2.70	2.70	2.69	2.64	2.63
Motors and generators	-	114.95	113.42	110.56	109.88	-	2.75	2.72	2.69	2.68
Industrial controls	-	108.21	110.77	105.11	104.55	-	2.62	2.65	2.57	2.55
Household appliances	112.33	114.12	113.44	107.60	107.07	2.76	2.77	2.76	2.67	2.67
Household refrigerators and freezers	-	124.56	123.26	114.29	114.40	-	2.98	2.97	2.85	2.86
Household laundry equipment	-	111.67	112.87	110.55	110.00	-	2.82	2.78	2.75	2.75
Electric housewares and fans	-	99.55	97.44	92.59	92.59	-	2.44	2.43	2.35	2.35
Electric lighting and wiring equipment	96.64	98.81	97.92	95.04	94.16	2.41	2.41	2.40	2.37	2.36
Electric lamps	-	100.44	103.16	98.40	97.76	-	2.48	2.51	2.46	2.45
Lighting fixtures	-	101.35	99.39	96.48	95.20	-	2.46	2.43	2.40	2.38
Wiring devices	-	95.53	93.96	92.00	91.31	-	2.33	2.32	2.30	2.30
Radio and TV receiving sets	87.78	90.06	89.21	86.30	86.08	2.28	2.28	2.27	2.23	2.23
Communication equipment	110.52	116.33	115.23	110.70	110.30	2.77	2.81	2.79	2.72	2.71
Telephone and telegraph apparatus	-	118.71	117.31	112.07	110.70	-	2.84	2.82	2.74	2.72
Radio and TV communication equipment	-	114.67	113.85	109.76	109.62	-	2.79	2.77	2.71	2.70
Electronic components and accessories	86.76	89.35	88.29	84.99	84.77	2.18	2.19	2.18	2.13	2.13
Electron tubes	-	103.57	101.92	98.47	98.23	-	2.46	2.45	2.39	2.39
Electronic components, n.e.c.	-	85.24	84.42	80.98	80.77	-	2.11	2.10	2.05	2.05
Miscellaneous electrical equipment and supplies	111.91	117.04	116.06	108.27	106.27	2.77	2.80	2.79	2.68	2.67
Electrical equipment for engines	-	123.90	122.77	114.90	111.28	-	2.95	2.93	2.83	2.81
TRANSPORTATION EQUIPMENT	135.26	138.24	135.79	129.36	126.68	3.19	3.20	3.18	3.08	3.06
Motor vehicles and equipment	145.75	149.85	146.52	135.99	131.25	3.32	3.33	3.30	3.17	3.14
Motor vehicles	-	159.03	152.44	141.05	134.60	-	3.42	3.38	3.25	3.22
Passenger car bodies	-	150.86	148.70	138.44	128.77	-	3.46	3.45	3.32	3.26
Truck and bus bodies	-	110.39	114.09	106.97	105.01	-	2.66	2.71	2.59	2.58
Motor vehicle parts and accessories	-	147.18	145.63	136.63	133.56	-	3.30	3.28	3.17	3.15
Aircraft and parts	127.10	128.44	127.10	123.82	123.11	3.10	3.11	3.10	3.02	3.01
Aircraft	-	126.36	124.71	122.91	121.60	-	3.12	3.11	3.02	3.01
Aircraft engines and engine parts	-	133.25	131.57	124.54	124.14	-	3.15	3.14	3.06	3.05
Other aircraft parts and equipment	-	127.26	127.14	126.52	126.10	-	3.03	3.02	2.97	2.96
Ship and boat building and repairing	118.60	119.39	119.70	120.69	122.96	2.98	2.97	3.00	2.98	2.97
Ship building and repairing	-	124.80	125.91	127.17	131.04	-	3.12	3.14	3.14	3.15
Boat building and repairing	-	94.66	89.93	92.16	91.76	-	2.32	2.30	2.27	2.26
Railroad equipment	-	130.38	131.29	128.33	125.55	-	3.18	3.21	3.13	3.10
Other transportation equipment	-	88.20	86.18	93.34	92.03	-	2.25	2.25	2.26	2.25
INSTRUMENTS AND RELATED PRODUCTS	105.67	107.64	107.12	102.06	101.81	2.59	2.60	2.60	2.52	2.52
Engineering and scientific instruments	-	125.58	124.56	118.03	117.22	-	2.99	2.98	2.90	2.88
Mechanical measuring and control devices	103.34	107.42	106.49	103.53	103.53	2.59	2.62	2.61	2.55	2.55
Mechanical measuring devices	-	108.88	107.16	106.45	106.45	-	2.63	2.62	2.59	2.59
Automatic temperature controls	-	104.90	104.75	99.75	99.35	-	2.59	2.58	2.50	2.49
Optical and ophthalmic goods	95.63	97.16	96.98	92.51	92.51	2.31	2.33	2.32	2.24	2.24
Surgical, medical, and dental equipment	88.13	90.05	88.98	86.83	86.76	2.22	2.24	2.23	2.16	2.18
Photographic equipment and supplies	128.53	128.53	128.05	118.49	116.69	3.01	3.01	3.02	2.89	2.86
Watches and clocks	-	87.67	86.62	82.18	81.37	-	2.17	2.16	2.14	2.13
MISCELLANEOUS MANUFACTURING INDUSTRIES	83.74	85.20	84.77	82.76	82.97	2.12	2.13	2.13	2.09	2.09
Jewelry, silverware, and plated ware	93.66	93.48	90.27	90.09	89.65	2.29	2.28	2.24	2.23	2.23
Toys, amusement, and sporting goods	-	75.66	75.66	74.11	74.50	-	1.94	1.96	1.92	1.93
Toys, games, dolls, and play vehicles	-	71.63	72.39	70.69	70.69	-	1.89	1.91	1.87	1.89
Sporting and athletic goods, n.e.c.	-	82.62	80.40	79.00	79.60	-	2.03	2.02	1.98	1.98
Pens, pencils, office and art materials	-	81.40	81.40	78.20	78.01	-	2.04	2.04	2.00	1.98
Costume jewelry, buttons, and notions	-	80.40	79.99	77.41	77.16	-	1.99	1.98	1.94	1.91
Other manufacturing industries	89.89	92.11	91.03	89.20	89.65	2.27	2.28	2.27	2.23	2.23
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	98.89	98.98	98.74	96.56	96.08	2.46	2.45	2.45	2.39	2.39
Meat products	104.92	103.88	104.40	103.28	103.06	2.61	2.61	2.61	2.55	2.57
Meat packing	-	122.43	120.83	120.96	121.25	-	2.95	2.94	2.88	2.88
Sausages and other prepared meats	-	107.87	110.30	109.62	108.95	-	2.69	2.71	2.70	2.69
Poultry dressing and packing	-	54.67	56.58	55.42	52.55	-	1.54	1.55	1.51	1.51

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,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	40.2	41.1	41.0	40.3	40.2	-	2.6	2.5	2.0	1.9
Electric distribution equipment	41.0	41.2	41.1	40.7	40.7	-	2.4	2.4	1.9	1.7
Electric measuring instruments	-	40.2	40.3	39.7	40.3	-	-	-	-	-
Power and distribution transformers	-	42.8	41.7	41.0	40.6	-	-	-	-	-
Switchgear and switchboard apparatus	-	40.9	41.2	41.3	41.1	-	-	-	-	-
Electrical industrial apparatus	41.7	41.8	41.8	41.3	41.3	-	3.5	3.3	2.7	2.8
Motors and generators	-	41.8	41.7	41.1	41.0	-	-	-	-	-
Industrial controls	-	41.3	41.8	40.9	41.0	-	-	-	-	-
Household appliances	40.7	41.2	41.1	40.3	40.1	-	2.7	2.6	2.0	1.8
Household refrigerators and freezers	-	41.8	41.5	40.1	40.0	-	-	-	-	-
Household laundry equipment	-	39.6	40.6	40.2	40.0	-	-	-	-	-
Electric housewares and fans	-	40.8	40.1	39.4	39.4	-	-	-	-	-
Electric lighting and wiring equipment	40.1	41.0	40.8	40.1	39.9	-	2.6	2.7	1.8	1.7
Electric lamps	-	40.5	41.1	40.0	39.9	-	-	-	-	-
Lighting fixtures	-	41.2	40.9	40.2	40.0	-	-	-	-	-
Wiring devices	-	41.0	40.5	40.0	39.7	-	-	-	-	-
Radio and TV receiving sets	38.5	39.5	39.3	38.7	38.6	-	1.8	1.6	1.2	1.2
Communication equipment	39.9	41.4	41.3	40.7	40.7	-	2.4	2.5	1.8	1.7
Telephone and telegraph apparatus	-	41.8	41.6	40.9	40.7	-	-	-	-	-
Radio and TV communication equipment	-	41.1	41.1	40.5	40.6	-	-	-	-	-
Electronic components and accessories	39.8	40.8	40.5	39.9	39.8	-	2.2	2.1	2.0	1.8
Electron tubes	-	42.1	41.6	41.2	41.1	-	-	-	-	-
Electronic components, n.e.c.	-	40.4	40.2	39.5	39.4	-	-	-	-	-
Miscellaneous electrical equipment and supplies	40.4	41.8	41.6	40.4	39.8	-	3.8	3.6	2.3	2.0
Electrical equipment for engines	-	42.0	41.9	40.6	39.6	-	-	-	-	-
TRANSPORTATION EQUIPMENT	42.4	43.2	42.7	42.0	41.4	-	5.0	4.6	3.6	3.0
Motor vehicles and equipment	43.9	45.0	44.4	42.9	41.8	-	6.9	6.4	4.5	3.4
Motor vehicles	-	46.5	45.1	43.4	41.8	-	-	-	-	-
Passenger car bodies	-	43.6	43.1	41.7	39.5	-	-	-	-	-
Truck and bus bodies	-	41.5	42.1	41.3	40.7	-	-	-	-	-
Motor vehicle parts and accessories	-	44.6	44.4	43.1	42.4	-	-	-	-	-
Aircraft and parts	41.0	41.3	41.0	41.0	40.9	-	2.5	2.2	2.3	2.2
Aircraft	-	40.5	40.1	40.7	40.4	-	-	-	-	-
Aircraft engines and engine parts	-	42.3	41.9	40.7	40.7	-	-	-	-	-
Other aircraft parts and equipment	-	42.0	42.1	42.6	42.6	-	-	-	-	-
Ship and boat building and repairing	39.8	40.2	39.9	40.5	41.4	-	3.2	2.8	3.2	3.6
Ship building and repairing	-	40.0	40.1	40.5	41.6	-	-	-	-	-
Boat building and repairing	-	40.8	39.1	40.6	40.6	-	-	-	-	-
Railroad equipment	-	41.0	40.9	41.0	40.5	-	2.6	3.1	3.0	2.4
Other transportation equipment	-	39.2	38.3	41.3	40.9	-	1.7	1.9	3.2	2.9
INSTRUMENTS AND RELATED PRODUCTS	40.8	41.4	41.2	40.5	40.4	-	2.8	2.7	2.3	2.1
Engineering and scientific instruments	-	42.0	41.8	40.7	40.7	-	3.0	3.3	2.1	2.0
Mechanical measuring and control devices	39.9	41.0	40.8	40.6	40.6	-	2.6	2.5	2.3	2.3
Mechanical measuring devices	-	41.4	40.9	41.1	41.1	-	-	-	-	-
Automatic temperature controls	-	40.5	40.6	39.9	39.9	-	-	-	-	-
Optical and ophthalmic goods	41.4	41.7	41.8	41.3	41.3	-	2.9	2.7	2.3	2.2
Surgical, medical, and dental equipment	39.7	40.2	39.9	40.2	39.8	-	1.9	1.9	2.0	1.7
Photographic equipment and supplies	42.7	42.7	42.4	41.0	40.8	-	3.7	3.9	3.2	2.6
Watches and clocks	-	40.4	40.1	38.4	38.2	-	2.0	1.8	1.0	1.2
MISCELLANEOUS MANUFACTURING INDUSTRIES	39.5	40.0	39.8	39.6	39.7	-	2.7	2.6	2.4	2.3
Jewelry, silverware, and plated ware	40.9	41.0	40.3	40.4	40.2	-	3.5	2.8	3.1	2.9
Toys, amusement, and sporting goods	-	39.0	38.6	38.6	38.6	-	2.2	2.3	1.8	1.8
Toys, games, dolls, and play vehicles	-	37.9	37.9	37.8	37.4	-	-	-	-	-
Sporting and athletic goods, n.e.c.	-	40.7	39.8	39.9	40.2	-	-	-	-	-
Pens, pencils, office and art materials	-	39.9	39.9	39.1	39.4	-	1.8	1.8	1.6	1.3
Costume jewelry, buttons, and notions	-	40.4	40.4	39.9	40.4	-	2.8	3.2	2.6	2.7
Other manufacturing industries	39.6	40.4	40.1	40.0	40.2	-	2.8	2.7	2.7	2.4
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	40.2	40.4	40.3	40.4	40.2	-	3.3	3.3	3.2	3.1
Meat products	40.2	39.8	40.0	40.5	40.1	-	3.5	3.5	3.7	3.5
Meat packing	-	41.5	41.1	42.0	42.1	-	-	-	-	-
Sausages and other prepared meats	-	40.1	40.7	40.6	40.5	-	-	-	-	-
Poultry dressing and packing	-	35.5	36.5	36.7	34.8	-	-	-	-	-

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 workers¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	\$104.50	\$104.92	\$104.50	\$100.74	\$100.98	\$2.50	\$2.51	\$2.50	\$2.41	\$2.41
Ice cream and frozen desserts	-	102.03	104.00	98.82	98.65	-	2.57	2.60	2.44	2.46
Fluid milk	-	109.88	109.20	105.25	105.33	-	2.61	2.60	2.50	2.49
Canned and preserved food, except meats	-	79.46	79.72	76.84	75.03	-	2.08	2.06	2.06	2.05
Canned, cured and frozen sea foods	-	69.55	67.10	62.59	63.36	-	1.89	1.89	1.92	1.92
Canned food, except sea foods	-	84.96	85.80	82.89	80.57	-	2.23	2.20	2.17	2.16
Frozen food, except sea foods	-	75.55	77.28	75.81	73.10	-	1.87	1.84	1.90	1.86
Grain mill products	110.63	109.50	108.43	104.54	104.06	2.52	2.50	2.51	2.42	2.42
Flour and other grain mill products	-	111.94	111.36	109.31	109.31	-	2.65	2.64	2.56	2.56
Prepared feeds for animals and fowls	-	94.55	94.15	89.96	89.96	-	2.12	2.13	2.04	2.04
Bakery products	98.40	98.15	97.66	95.44	94.80	2.46	2.46	2.46	2.38	2.37
Bread, cake, and perishable products	-	98.70	98.70	97.12	95.76	-	2.48	2.48	2.41	2.40
Biscuit, crackers, and pretzels	-	95.84	93.38	89.67	91.71	-	2.39	2.37	2.27	2.27
Sugar	-	114.90	109.59	107.33	105.52	-	2.71	2.66	2.67	2.58
Confectionery and related products	81.62	82.14	81.48	79.76	78.19	2.12	2.09	2.10	2.04	2.01
Candy and other confectionery products	-	78.78	77.95	74.88	73.34	-	2.02	2.03	1.94	1.91
Beverages	111.04	110.25	107.41	108.94	107.73	2.79	2.77	2.74	2.71	2.70
Malt liquors	-	142.16	137.42	138.45	136.62	-	3.59	3.56	3.47	3.45
Bottled and canned soft drinks	-	79.59	78.60	79.30	77.93	-	1.97	1.96	1.92	1.91
Miscellaneous food and kindred products	96.28	96.83	97.90	94.47	94.92	2.32	2.30	2.32	2.26	2.26
TOBACCO MANUFACTURES	78.40	79.61	77.75	80.78	75.60	2.19	2.14	2.09	2.04	2.00
Cigarettes	-	97.15	95.50	94.56	87.66	-	2.53	2.50	2.37	2.35
Cigars	-	61.03	63.64	67.40	65.67	-	1.70	1.72	1.66	1.65
TEXTILE MILL PRODUCTS	74.80	76.91	76.73	71.63	71.63	1.82	1.84	1.84	1.76	1.76
Cotton broad woven fabrics	77.23	78.57	79.18	72.38	72.21	1.83	1.84	1.85	1.74	1.74
Silk and synthetic broad woven fabrics	80.22	82.72	82.34	78.01	77.22	1.87	1.88	1.88	1.81	1.80
Weaving and finishing broad woolens	81.79	83.42	82.41	76.41	74.19	1.92	1.94	1.93	1.85	1.85
Narrow fabrics and smallwares	74.21	75.30	75.53	73.16	71.91	1.81	1.81	1.82	1.78	1.78
Knitting	66.09	68.03	67.51	64.56	64.51	1.73	1.74	1.74	1.69	1.68
Full-fashioned hosiery	-	66.09	66.43	64.80	65.46	-	1.73	1.73	1.67	1.67
Seamless hosiery	-	64.80	64.46	59.89	61.18	-	1.67	1.67	1.61	1.61
Knit outerwear	-	70.62	70.10	67.28	66.38	-	1.82	1.84	1.78	1.77
Knit underwear	-	64.02	63.36	62.15	61.82	-	1.65	1.65	1.61	1.61
Finishing textiles, except wool and knit	82.35	85.17	85.60	80.48	82.64	1.97	1.99	2.00	1.93	1.94
Floor covering	-	79.79	79.00	74.39	74.88	-	1.86	1.85	1.81	1.80
Yarn and thread	70.47	71.74	71.32	65.04	64.88	1.69	1.70	1.69	1.61	1.61
Miscellaneous textile goods	84.46	86.93	86.94	81.60	81.39	2.05	2.06	2.07	2.00	1.99
APPAREL AND RELATED PRODUCTS	63.90	67.52	66.61	64.08	64.79	1.79	1.82	1.82	1.78	1.78
Men's and boys' suits and coats	78.12	79.97	79.76	75.60	75.87	2.10	2.11	2.11	2.10	2.09
Men's and boys' furnishings	57.13	58.75	58.06	55.94	56.54	1.54	1.55	1.54	1.52	1.52
Men's and boys' shirts and nightwear	-	57.68	57.30	54.60	55.05	-	1.53	1.52	1.50	1.50
Men's and boys' separate trousers	-	60.13	58.97	56.46	57.75	-	1.57	1.56	1.53	1.54
Work clothing	-	56.62	55.80	55.65	56.09	-	1.49	1.48	1.48	1.48
Women's, misses', and juniors' outerwear	66.44	71.36	69.95	67.86	69.34	1.96	2.01	2.01	1.95	1.97
Women's blouses, waists, and shirts	-	59.32	57.63	56.76	57.75	-	1.69	1.69	1.65	1.65
Women's, misses', and juniors' dresses	-	71.25	68.95	70.93	70.09	-	2.03	2.04	2.05	2.02
Women's suits, skirts, and coats	-	82.90	83.97	72.82	80.26	-	2.41	2.42	2.20	2.34
Women's and misses' outerwear, n.e.c.	-	65.32	64.64	63.21	64.05	-	1.71	1.71	1.69	1.69
Women's and children's undergarments	58.06	61.38	59.37	58.68	59.50	1.64	1.65	1.64	1.63	1.63
Women's and children's underwear	-	59.15	56.99	56.16	57.41	-	1.59	1.57	1.56	1.56
Corsets and allied garments	-	65.84	63.72	64.26	63.72	-	1.77	1.77	1.78	1.77
Hats, caps, and millinery	-	74.07	72.35	67.32	73.13	-	1.97	1.95	1.87	1.95
Girls' and children's outerwear	57.56	62.53	61.99	56.80	57.72	1.64	1.69	1.68	1.60	1.59
Children's dresses, blouses, and shirts	-	61.32	60.79	56.70	57.32	-	1.68	1.67	1.62	1.61
Fur goods and miscellaneous apparel	-	67.88	65.52	63.72	66.07	-	1.87	1.82	1.79	1.82
Miscellaneous fabricated textile products	70.31	74.11	73.15	70.67	68.78	1.88	1.91	1.91	1.85	1.81
Housefurnishings	-	62.75	61.71	60.38	60.64	-	1.66	1.65	1.61	1.60
PAPER AND ALLIED PRODUCTS	109.46	111.71	111.19	107.53	106.85	2.60	2.61	2.61	2.53	2.52
Paper and pulp	122.95	124.24	124.24	120.01	119.14	2.82	2.83	2.83	2.74	2.72
Paperboard	124.68	128.13	129.44	121.55	122.27	2.84	2.86	2.87	2.75	2.76
Converted paper and paperboard products	97.00	99.07	98.12	95.17	94.71	2.36	2.37	2.37	2.31	2.31
Bags, except textile bags	-	92.93	91.58	87.67	87.70	-	2.25	2.25	2.17	2.16
Paperboard containers and boxes	98.49	101.99	100.36	98.36	96.59	2.42	2.44	2.43	2.37	2.35
Folding and setup paperboard boxes	-	90.94	90.27	88.07	87.45	-	2.24	2.24	2.18	2.17
Corrugated and solid fiber boxes	-	109.74	107.87	106.25	103.42	-	2.57	2.55	2.50	2.48

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, by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	41.8	41.8	41.8	41.8	41.9	-	3.3	3.2	3.3	3.3
Ice cream and frozen desserts	-	39.7	40.0	40.5	40.1	-	-	-	-	-
Fluid milk	-	42.1	42.0	42.1	42.3	-	-	-	-	-
Canned and preserved food, except meats	-	38.2	38.7	37.3	36.6	-	2.4	2.9	2.0	2.0
Canned, cured and frozen sea foods	-	36.8	35.5	32.6	33.0	-	-	-	-	-
Canned food, except sea foods	-	38.1	39.0	38.2	37.3	-	-	-	-	-
Frozen food, except sea foods	-	40.4	42.0	39.9	39.3	-	-	-	-	-
Grain mill products	43.9	43.8	43.2	43.2	43.0	-	5.4	5.3	5.3	5.0
Flour and other grain mill products	-	43.8	42.4	43.5	42.7	-	-	-	-	-
Prepared feeds for animals and fowls	-	44.6	44.2	44.1	44.1	-	-	-	-	-
Bakery products	40.0	39.9	39.7	40.1	40.0	-	3.0	2.9	2.9	2.8
Bread, cake, and perishable products	-	39.8	39.8	40.3	39.9	-	-	-	-	-
Biscuit, crackers, and pretzels	-	40.1	39.4	39.5	40.4	-	-	-	-	-
Sugar	-	42.4	41.2	40.2	40.9	-	4.1	4.0	2.4	3.1
Confectionery and related products	38.5	39.3	38.8	39.1	38.9	-	2.3	2.1	1.8	1.8
Candy and other confectionery products	-	39.0	38.4	38.6	38.4	-	-	-	-	-
Beverages	39.8	39.8	39.2	40.2	39.9	-	2.8	2.4	3.1	3.0
Malt liquors	-	39.6	38.6	39.9	39.6	-	-	-	-	-
Bottled and canned soft drinks	-	40.4	40.1	41.3	40.8	-	-	-	-	-
Miscellaneous food and kindred products	41.5	42.1	42.2	41.8	42.0	-	4.1	4.2	3.7	3.7
TOBACCO MANUFACTURES	35.8	37.2	37.2	39.6	37.8	-	1.2	1.1	2.1	1.3
Cigarettes	-	38.4	38.2	39.9	37.3	-	1.4	1.2	1.8	.5
Cigars	-	35.9	37.0	40.6	39.8	-	1.2	1.1	3.1	2.6
TEXTILE MILL PRODUCTS	41.1	41.8	41.7	40.7	40.7	-	4.1	4.1	3.3	3.3
Cotton broad woven fabrics	42.2	42.7	42.8	41.6	41.5	-	4.8	4.7	3.8	3.7
Silk and synthetic broad woven fabrics	42.9	44.0	43.8	43.1	42.9	-	5.4	5.3	4.5	4.6
Weaving and finishing broad woolsens	42.6	43.0	42.7	41.3	40.1	-	4.6	4.4	3.2	2.6
Narrow fabrics and smallwares	41.0	41.6	41.5	41.1	40.4	-	3.5	3.7	3.0	2.9
Knitting	38.2	39.1	38.8	38.2	38.4	-	2.4	2.3	2.0	2.0
Full-fashioned hosiery	-	38.2	38.4	38.8	39.2	-	-	-	-	-
Seamless hosiery	-	38.8	38.6	37.2	38.0	-	-	-	-	-
Knit outerwear	-	38.8	38.1	37.8	37.5	-	-	-	-	-
Knit underwear	-	38.8	38.4	38.6	38.4	-	-	-	-	-
Finishing textiles, except wool and knit	41.8	42.8	42.8	41.7	42.6	-	4.6	4.6	4.2	4.5
Floor covering	-	42.9	42.7	41.1	41.6	-	5.0	4.5	3.5	4.4
Yarn and thread	41.7	42.2	42.2	40.4	40.3	-	4.6	4.4	3.1	3.1
Miscellaneous textile goods	41.2	42.2	42.0	40.8	40.9	-	4.1	4.3	3.1	3.1
APPAREL AND RELATED PRODUCTS	35.7	37.1	36.6	36.0	36.4	-	1.6	1.4	1.3	1.4
Men's and boys' suits and coats	37.2	37.9	37.8	36.0	36.3	-	1.5	1.4	1.0	1.1
Men's and boys' furnishings	37.1	37.9	37.7	36.8	37.2	-	1.3	1.2	1.2	1.1
Men's and boys' shirts and nightwear	-	37.7	37.7	36.4	36.7	-	-	-	-	-
Men's and boys' separate trousers	-	38.3	37.8	36.9	37.5	-	-	-	-	-
Work clothing	-	38.0	37.7	37.6	37.9	-	-	-	-	-
Women's, misses', and juniors' outerwear	33.9	35.5	34.8	34.8	35.2	-	1.7	1.5	1.4	1.6
Women's blouses, waists, and shirts	-	35.1	34.1	34.4	35.0	-	-	-	-	-
Women's, misses', and juniors' dresses	-	35.1	33.8	34.6	34.7	-	-	-	-	-
Women's suits, skirts, and coats	-	34.4	34.7	33.1	34.3	-	-	-	-	-
Women's and misses' outerwear, n.e.c.	-	38.2	37.8	37.4	37.9	-	-	-	-	-
Women's and children's undergarments	35.4	37.2	36.2	36.0	36.5	-	1.6	1.2	1.2	1.3
Women's and children's underwear	-	37.2	36.3	36.0	36.8	-	-	-	-	-
Corsets and allied garments	-	37.2	36.0	36.1	36.0	-	-	-	-	-
Hats, caps, and millinery	-	37.6	37.1	36.0	37.5	-	2.1	1.8	1.2	2.1
Girls' and children's outerwear	35.1	37.0	36.9	35.5	36.3	-	1.6	1.5	1.0	1.3
Children's dresses, blouses, and shirts	-	36.5	36.4	35.0	35.6	-	-	-	-	-
Fur goods and miscellaneous apparel	-	36.3	36.0	35.6	36.3	-	1.1	.9	.8	1.0
Miscellaneous fabricated textile products	37.4	38.8	38.3	38.2	38.0	-	2.1	2.0	1.8	1.5
Housefurnishings	-	37.8	37.4	37.5	37.9	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	42.1	42.8	42.6	42.5	42.4	-	4.7	4.6	4.3	4.3
Paper and pulp	43.6	43.9	43.9	43.8	43.8	-	5.7	5.7	5.5	5.4
Paperboard	43.9	44.8	45.1	44.2	44.3	-	6.1	6.4	5.5	5.9
Converted paper and paperboard products	41.1	41.8	41.4	41.2	41.0	-	3.2	3.2	3.0	2.9
Bags, except textile bags	-	41.3	40.7	40.4	40.6	-	-	-	-	-
Paperboard containers and boxes	40.7	41.8	41.3	41.5	41.1	-	4.2	3.8	3.6	3.4
Folding and setup paperboard boxes	-	40.6	40.3	40.4	40.3	-	-	-	-	-
Corrugated and solid fiber boxes	-	42.7	42.3	42.5	41.7	-	-	-	-	-

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,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	\$115.58	\$116.96	\$115.67	\$113.96	\$113.58	\$3.01	\$3.03	\$3.02	\$2.96	\$2.95
Newspaper publishing and printing	118.37	116.03	115.70	116.16	115.02	3.27	3.25	3.25	3.20	3.16
Periodical publishing and printing	-	127.82	130.42	121.20	119.80	-	3.11	3.12	3.00	3.01
Books	-	110.24	104.94	107.38	105.78	-	2.65	2.63	2.60	2.58
Commercial printing	118.69	121.09	118.99	115.64	116.03	3.02	3.05	3.02	2.95	2.96
Commercial printing, except lithographic	-	117.30	115.83	112.81	113.30	-	3.00	2.97	2.90	2.92
Commercial printing, lithographic	-	129.56	126.86	120.38	122.31	-	3.16	3.14	3.04	3.05
Bookbinding and related industries	91.80	92.04	90.86	89.86	90.09	2.36	2.36	2.36	2.31	2.31
Other publishing and printing industries	118.27	121.21	120.12	117.26	118.34	3.08	3.10	3.08	3.03	3.05
CHEMICALS AND ALLIED PRODUCTS	119.85	118.29	118.14	114.40	114.40	2.84	2.83	2.84	2.75	2.75
Industrial chemicals	135.43	133.12	133.44	129.17	128.75	3.24	3.20	3.20	3.12	3.11
Plastics and synthetics, except glass	122.39	119.28	118.72	115.08	115.08	2.82	2.80	2.80	2.74	2.74
Plastics and synthetics, except fibers	-	129.20	129.33	124.39	124.10	-	2.97	2.98	2.92	2.92
Synthetic fibers	-	108.62	107.43	104.00	104.50	-	2.58	2.57	2.50	2.50
Drugs	106.75	106.75	106.60	101.81	101.15	2.61	2.61	2.60	2.52	2.51
Pharmaceutical preparations	-	101.20	101.05	97.27	96.62	-	2.53	2.52	2.45	2.44
Soap, cleaners, and toilet goods	106.66	109.21	109.07	107.06	106.39	2.68	2.71	2.72	2.65	2.64
Soap and detergents	-	132.48	132.89	128.33	128.23	-	3.20	3.21	3.13	3.12
Toilet preparations	-	89.47	88.86	85.31	85.36	-	2.30	2.32	2.21	2.20
Paints, varnishes, and allied products	110.97	112.74	110.29	110.77	108.47	2.70	2.71	2.69	2.65	2.62
Agricultural chemicals	103.62	97.24	96.53	95.64	97.61	2.20	2.21	2.25	2.13	2.15
Fertilizers, complete and mixing only	-	93.49	93.10	92.66	95.01	-	2.12	2.16	2.05	2.07
Other chemical products	114.53	114.68	113.71	110.92	109.71	2.74	2.75	2.74	2.66	2.65
PETROLEUM REFINING AND RELATED INDUSTRIES	137.90	135.11	131.78	130.92	131.24	3.26	3.24	3.23	3.17	3.17
Petroleum refining	145.17	140.49	137.97	136.20	137.20	3.44	3.41	3.39	3.33	3.33
Other petroleum and coal products	110.33	112.92	107.23	108.71	107.02	2.59	2.59	2.59	2.54	2.53
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	105.63	108.36	108.52	102.25	101.59	2.57	2.58	2.59	2.50	2.49
Tires and inner tubes	147.66	152.77	154.35	132.99	130.80	3.45	3.48	3.50	3.30	3.27
Other rubber products	100.94	102.84	102.59	97.77	97.77	2.48	2.49	2.49	2.42	2.42
Miscellaneous plastic products	89.13	91.52	90.89	89.44	88.81	2.19	2.20	2.19	2.15	2.14
LEATHER AND LEATHER PRODUCTS	69.37	71.62	71.42	66.43	68.24	1.88	1.87	1.86	1.82	1.81
Leather tanning and finishing	97.17	96.29	95.88	93.79	91.60	2.37	2.36	2.35	2.31	2.29
Foot wear, except rubber	66.43	69.34	69.50	63.54	66.02	1.82	1.82	1.81	1.77	1.77
Other leather products	67.16	68.61	68.06	64.77	66.33	1.83	1.82	1.81	1.76	1.75
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads	-	(2)	(2)	119.78	118.13	-	(2)	(2)	2.76	2.76
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	105.16	104.74	103.49	98.98	-	2.54	2.53	2.47	2.42
Intercity and rural bus lines	-	127.56	129.73	125.97	121.64	-	3.03	3.01	2.95	2.91
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	124.92	123.49	120.77	119.19	-	3.01	2.99	2.91	2.90
PIPELINE TRANSPORTATION	-	141.64	143.72	141.25	141.92	-	3.48	3.54	3.42	3.47
COMMUNICATION:										
Telephone communication	-	104.27	105.73	101.79	102.70	-	2.66	2.67	2.59	2.60
Switchboard operating employees ³	-	78.26	81.18	76.47	76.89	-	2.18	2.20	2.13	2.13
Line construction employees ⁴	-	146.83	148.28	146.30	148.07	-	3.36	3.37	3.31	3.32
Telegraph communication ⁵	-	117.32	118.30	112.32	113.28	-	2.78	2.79	2.70	2.71
Radio and television broadcasting	-	146.49	144.57	138.41	136.89	-	3.69	3.66	3.54	3.51
ELECTRIC, GAS, AND SANITARY SERVICES	-	128.74	129.78	123.41	123.41	-	3.14	3.15	3.01	3.01
Electric companies and systems	-	130.29	131.43	125.25	125.66	-	3.17	3.19	3.04	3.05
Gas companies and systems	-	116.87	118.37	113.68	114.37	-	2.90	2.93	2.80	2.81
Combined utility systems	-	142.27	143.72	133.25	132.84	-	3.42	3.43	3.25	3.24
Water, steam, and sanitary systems	-	101.84	102.75	99.22	98.98	-	2.49	2.50	2.42	2.42

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, by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	38.4	38.6	38.3	38.5	38.5	-	3.2	2.8	2.9	2.8
Newspaper publishing and printing	36.2	35.7	35.6	36.3	36.4	-	2.1	1.9	2.4	2.2
Periodical publishing and printing	-	41.1	41.8	40.4	39.8	-	4.7	5.6	3.9	3.8
Books	-	41.6	39.9	41.3	41.0	-	4.4	3.1	4.3	3.7
Commercial printing	39.3	39.7	39.4	39.2	39.2	-	3.6	3.2	3.0	3.1
Commercial printing, except lithographic	-	39.1	39.0	38.9	38.8	-	-	-	-	-
Commercial printing, lithographic	-	41.0	40.4	39.6	40.1	-	-	-	-	-
Bookbinding and related industries	38.9	39.0	38.5	38.9	39.0	-	2.5	2.1	2.5	2.6
Other publishing and printing industries	38.4	39.1	39.0	38.7	38.8	-	3.0	3.2	2.7	2.5
CHEMICALS AND ALLIED PRODUCTS	42.2	41.8	41.6	41.6	41.6	-	2.9	2.8	2.8	2.7
Industrial chemicals	41.8	41.6	41.7	41.4	41.4	-	2.6	2.8	2.4	2.4
Plastics and synthetics, except glass	43.4	42.6	42.4	42.0	42.0	-	2.8	2.7	2.5	2.4
Plastics and synthetics, except fibers	-	43.5	43.4	42.6	42.5	-	-	-	-	-
Synthetic fibers	-	42.1	41.8	41.6	41.8	-	-	-	-	-
Drugs	40.9	40.9	41.0	40.4	40.3	-	2.7	2.5	2.2	2.0
Pharmaceutical preparations	-	40.0	40.1	39.7	39.6	-	-	-	-	-
Soap, cleaners, and toilet goods	39.8	40.3	40.1	40.4	40.3	-	2.2	2.2	2.0	2.2
Soap and detergents	-	41.4	41.4	41.0	41.1	-	-	-	-	-
Toilet preparations	-	38.9	38.3	38.6	38.8	-	-	-	-	-
Paints, varnishes, and allied products	41.1	41.6	41.0	41.8	41.4	-	2.8	2.4	2.8	2.4
Agricultural chemicals	47.1	44.0	42.9	44.9	45.4	-	5.8	4.4	6.9	7.1
Fertilizers, complete and mixing only	-	44.1	43.1	45.2	45.9	-	-	-	-	-
Other chemical products	41.8	41.7	41.5	41.7	41.4	-	2.7	2.9	2.8	2.7
PETROLEUM REFINING AND RELATED INDUSTRIES	42.3	41.7	40.8	41.3	41.4	-	2.4	1.8	2.0	2.0
Petroleum refining	42.2	41.2	40.7	40.9	41.2	-	1.7	1.4	1.5	1.6
Other petroleum and coal products	42.6	43.6	41.4	42.8	42.3	-	5.2	3.4	4.2	3.6
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	41.1	42.0	41.9	40.9	40.8	-	4.0	4.0	2.9	2.7
Tires and inner tubes	42.8	43.9	44.1	40.3	40.0	-	5.8	6.0	2.7	3.0
Other rubber products	40.7	41.3	41.2	40.4	40.4	-	3.1	3.1	2.3	2.2
Miscellaneous plastic products	40.7	41.6	41.5	41.6	41.5	-	4.0	3.8	3.6	3.1
LEATHER AND LEATHER PRODUCTS	36.9	38.3	38.4	36.5	37.7	-	1.8	1.9	1.2	1.5
Leather tanning and finishing	41.0	40.8	40.8	40.6	40.0	-	3.0	3.0	2.8	2.4
Foot wear, except rubber	36.5	38.1	38.4	35.9	37.3	-	1.7	1.8	1.0	1.4
Other leather products	36.7	37.7	37.6	36.8	37.9	-	1.8	1.7	1.3	1.6
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads	-	(2)	(2)	43.4	42.8	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	41.4	41.4	41.9	40.9	-	-	-	-	-
Intercity and rural bus lines	-	42.1	43.1	42.7	41.8	-	-	-	-	-
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	41.5	41.3	41.5	41.1	-	-	-	-	-
PIPELINE TRANSPORTATION	-	40.7	40.6	41.3	40.9	-	-	-	-	-
COMMUNICATION:										
Telephone communication	-	39.2	39.6	39.3	39.5	-	-	-	-	-
Switchboard operating employees ³	-	35.9	36.9	35.9	36.1	-	-	-	-	-
Line construction employees ⁴	-	43.7	44.0	44.2	44.6	-	-	-	-	-
Telegraph communication ⁵	-	42.2	42.4	41.6	41.8	-	-	-	-	-
Radio and television broadcasting	-	39.7	39.5	39.1	39.0	-	-	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES										
Electric companies and systems	-	41.0	41.2	41.0	41.0	-	-	-	-	-
Gas companies and systems	-	41.1	41.2	41.2	41.2	-	-	-	-	-
Water, steam, and sanitary systems	-	40.3	40.4	40.6	40.7	-	-	-	-	-
Combined utility systems	-	41.6	41.9	41.0	41.0	-	-	-	-	-
Water, steam, and sanitary systems	-	40.9	41.1	41.0	40.9	-	-	-	-	-

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 workers¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
WHOLESALE AND RETAIL TRADE⁶	-	\$80.94	\$80.94	\$79.07	\$78.49	-	\$2.13	\$2.13	\$2.07	\$2.06
WHOLESALE TRADE	-	104.34	104.09	101.91	101.25	-	2.57	2.57	2.51	2.50
Motor vehicles and automotive equipment	-	98.94	98.28	95.72	95.91	-	2.35	2.34	2.29	2.30
Drugs, chemicals, and allied products	-	107.06	107.87	104.00	102.94	-	2.65	2.67	2.60	2.58
Dry goods and apparel	-	98.77	99.41	95.26	95.63	-	2.62	2.63	2.52	2.53
Groceries and related products	-	96.46	96.46	96.05	95.17	-	2.37	2.37	2.32	2.31
Electrical goods	-	119.00	118.58	111.10	109.33	-	2.82	2.83	2.69	2.66
Hardware, plumbing, and heating goods	-	99.54	98.74	97.44	97.03	-	2.47	2.45	2.40	2.39
Machinery, equipment, and supplies	-	113.30	113.57	109.34	109.08	-	2.75	2.77	2.68	2.68
RETAIL TRADE⁶	-	70.66	70.85	69.19	68.64	-	1.92	1.92	1.86	1.85
General merchandise stores	-	57.29	57.12	55.60	55.42	-	1.70	1.70	1.64	1.63
Department stores	-	61.64	61.27	60.14	59.63	-	1.84	1.84	1.79	1.78
Limited price variety stores	-	42.33	42.43	40.25	40.06	-	1.37	1.36	1.29	1.28
Food stores	-	68.07	68.28	66.84	66.50	-	2.02	2.02	1.96	1.95
Grocery, meat, and vegetable stores	-	69.42	69.63	68.20	67.86	-	2.06	2.06	2.00	1.99
Apparel and accessories stores	-	54.95	55.44	54.43	53.12	-	1.65	1.66	1.62	1.60
Men's and boys' apparel stores	-	68.02	68.95	66.42	64.80	-	1.90	1.91	1.84	1.80
Women's ready-to-wear stores	-	49.83	50.01	49.10	48.47	-	1.51	1.52	1.47	1.46
Family clothing stores	-	52.48	52.96	53.44	52.96	-	1.60	1.60	1.60	1.60
Shoe stores	-	54.06	54.06	53.52	51.27	-	1.70	1.70	1.71	1.67
Furniture and appliance stores	-	85.17	85.75	83.81	83.62	-	2.14	2.16	2.09	2.08
Other retail trade	-	81.20	80.99	79.73	79.13	-	2.00	1.99	1.94	1.93
Motor vehicle dealers	-	101.59	101.38	99.88	98.11	-	2.33	2.32	2.27	2.24
Other vehicle and accessory dealers	-	83.81	84.44	84.10	83.47	-	1.94	1.95	1.92	1.91
Drug stores	-	60.19	60.72	59.26	59.62	-	1.71	1.72	1.66	1.67
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	78.49	79.08	76.30	76.47	-	2.11	2.12	2.04	2.05
Security dealers and exchanges ⁷	-	127.07	124.80	122.94	121.23	-	-	-	-	-
Insurance carriers ⁷	-	94.23	94.73	91.55	91.49	-	-	-	-	-
Life insurance ⁷	-	94.37	95.52	92.08	92.15	-	-	-	-	-
Accident and health insurance ⁷	-	83.25	82.69	81.01	81.59	-	-	-	-	-
Fire, marine, and casualty insurance ⁷	-	96.74	96.74	93.49	93.17	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁸	-	49.39	49.52	48.89	48.36	-	1.31	1.31	1.26	1.24
Personal services:										
Laundries, cleaning and dyeing plants	-	56.98	56.30	55.48	54.81	-	1.48	1.47	1.43	1.42
Motion pictures:										
Motion picture filming and distributing	-	138.14	142.18	132.92	130.88	-	-	-	-	-

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 workers¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
WHOLESALE AND RETAIL TRADE⁶	-	38.0	38.0	38.2	38.1	-	-	-	-	-
WHOLESALE TRADE	-	40.6	40.5	40.6	40.5	-	-	-	-	-
Motor vehicles and automotive equipment	-	42.1	42.0	41.8	41.7	-	-	-	-	-
Drugs, chemicals, and allied products	-	40.4	40.4	40.0	39.9	-	-	-	-	-
Dry goods and apparel	-	37.7	37.8	37.8	37.8	-	-	-	-	-
Groceries and related products	-	40.7	40.7	41.4	41.2	-	-	-	-	-
Electrical goods	-	42.2	41.9	41.3	41.1	-	-	-	-	-
Hardware, plumbing, and heating goods	-	40.3	40.3	40.6	40.6	-	-	-	-	-
Machinery, equipment, and supplies	-	41.2	41.0	40.8	40.7	-	-	-	-	-
RETAIL TRADE⁶	-	36.8	36.9	37.2	37.1	-	-	-	-	-
General merchandise stores	-	33.7	33.6	33.9	34.0	-	-	-	-	-
Department stores	-	33.5	33.3	33.6	33.5	-	-	-	-	-
Limited price variety stores	-	30.9	31.2	31.2	31.3	-	-	-	-	-
Food stores	-	33.7	33.8	34.1	34.1	-	-	-	-	-
Grocery, meat, and vegetable stores	-	33.7	33.8	34.1	34.1	-	-	-	-	-
Apparel and accessories stores	-	33.3	33.4	33.6	33.2	-	-	-	-	-
Men's and boys' apparel stores	-	35.8	36.1	36.1	36.0	-	-	-	-	-
Women's ready-to-wear stores	-	33.0	32.9	33.4	33.2	-	-	-	-	-
Family clothing stores	-	32.8	33.1	33.4	33.1	-	-	-	-	-
Shoe stores	-	31.8	31.8	31.3	30.7	-	-	-	-	-
Furniture and appliance stores	-	39.8	39.7	40.1	40.2	-	-	-	-	-
Other retail trade	-	40.6	40.7	41.1	41.0	-	-	-	-	-
Motor vehicle dealers	-	43.6	43.7	44.0	43.8	-	-	-	-	-
Other vehicle and accessory dealers	-	43.2	43.3	43.8	43.7	-	-	-	-	-
Drug stores	-	35.2	35.3	35.7	35.7	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	37.2	37.3	37.4	37.3	-	-	-	-	-
Security dealers and exchanges	-	-	-	-	-	-	-	-	-	-
Insurance carriers	-	-	-	-	-	-	-	-	-	-
Life insurance	-	-	-	-	-	-	-	-	-	-
Accident and health insurance	-	-	-	-	-	-	-	-	-	-
Fire, marine, and casualty insurance	-	-	-	-	-	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁶	-	37.7	37.8	38.8	39.0	-	-	-	-	-
Personal services:										
Laundries, cleaning and dyeing plants	-	38.5	38.3	38.8	38.6	-	-	-	-	-
Motion pictures:										
Motion picture filming and distributing	-	-	-	-	-	-	-	-	-	-

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

²Not available.

³Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1963, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴Data 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 1963, such employees made up 31 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵Data relate to nonsupervisory employees except messengers.

⁶Data exclude eating and drinking places.

⁷Data exclude earnings of nonoffice salesmen.

⁸Money payments only; additional value of board, room, uniforms, and tips, not included.

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 ¹				
	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
MANUFACTURING	\$2.50	\$2.49	\$2.49	\$2.44	\$2.43
DURABLE GOODS	2.67	2.66	2.66	2.61	2.60
Ordnance and accessories.....	-	3.00	2.99	2.91	2.92
Lumber and wood products, except furniture.....	-	2.06	2.05	2.03	1.99
Furniture and fixtures.....	-	2.01	2.01	1.97	1.96
Stone, clay, and glass products.....	-	2.48	2.47	2.42	2.41
Primary metal industries.....	-	3.03	3.02	2.99	2.97
Fabricated metal products.....	-	2.61	2.61	2.58	2.56
Machinery.....	-	2.79	2.78	2.74	2.74
Electrical equipment and supplies.....	-	2.49	2.49	2.45	2.45
Transportation equipment.....	-	3.02	3.02	2.95	2.95
Instruments and related products.....	-	2.52	2.52	2.45	2.45
Miscellaneous manufacturing industries.....	-	2.06	2.06	2.03	2.03
NONDURABLE GOODS	2.26	2.25	2.25	2.21	2.20
Food and kindred products.....	-	2.36	2.35	2.30	2.30
Tobacco manufactures.....	-	2.11	2.06	1.99	1.97
Textile mill products.....	-	1.75	1.75	1.70	1.69
Apparel and related products.....	-	1.78	1.78	1.74	1.75
Paper and allied products.....	-	2.47	2.47	2.41	2.40
Printing, publishing, and allied industries.....	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products.....	-	2.74	2.75	2.66	2.66
Petroleum refining and related industries.....	-	3.15	3.16	3.09	3.10
Rubber and miscellaneous plastic products.....	-	2.47	2.47	2.41	2.41
Leather and leather products.....	-	1.82	1.81	1.79	1.78

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

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

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

Table C-4: Gross and spendable average weekly earnings in selected industries, in current and 1957-59 dollars¹

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
MINING:									
Current dollars.....	\$120.47	\$119.72	\$113.70	\$99.46	\$98.86	\$92.86	\$107.69	\$107.05	\$101.03
1957-59 dollars.....	110.52	109.94	105.57	91.25	90.78	86.22	98.80	98.30	93.81
CONTRACT CONSTRUCTION:									
Current dollars.....	133.22	131.01	128.12	109.68	107.91	104.23	118.49	116.62	113.09
1957-59 dollars.....	122.22	120.30	118.96	100.62	99.09	96.78	108.71	107.09	105.00
MANUFACTURING:									
Current dollars.....	107.12	105.93	101.40	88.75	87.80	83.16	96.43	95.43	90.89
1957-59 dollars.....	98.28	97.27	94.15	81.42	80.62	77.21	88.47	87.63	84.39
WHOLESALE AND RETAIL TRADE:²									
Current dollars.....	80.94	80.94	78.49	67.71	67.71	64.98	74.71	74.71	72.31
1957-59 dollars.....	74.26	74.33	72.88	62.12	62.18	60.33	68.54	68.60	67.14

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

²Data exclude eating and drinking places.

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 activities¹**

1957-59=100

Industry	Apr. 1965	Mar. 1965	Feb. 1965	Apr. 1964	Mar. 1964
	Man-hours				
TOTAL	105.0	104.8	102.5	100.6	98.5
MINING	80.9	79.1	78.1	80.4	77.7
CONTRACT CONSTRUCTION	102.0	95.3	88.8	99.4	89.8
MANUFACTURING	106.8	107.9	106.3	101.8	101.1
DURABLE GOODS	111.3	111.8	110.0	104.4	102.8
Ordnance and accessories	123.1	126.3	125.8	135.1	135.7
Lumber and wood products, except furniture ..	91.5	91.2	89.3	92.2	89.6
Furniture and fixtures	113.9	115.2	114.1	107.3	106.6
Stone, clay, and glass products	104.6	101.6	98.7	103.8	99.1
Primary metal industries	113.2	113.7	112.1	103.7	102.0
Fabricated metal products	114.5	113.2	113.9	106.7	104.9
Machinery	120.2	122.2	119.1	112.1	111.1
Electrical equipment and supplies	119.8	121.8	120.3	109.7	109.5
Transportation equipment	106.1	106.9	104.4	97.3	95.4
Instruments and related products	107.2	108.7	107.5	102.6	102.7
Miscellaneous manufacturing industries	105.3	105.4	102.3	99.6	98.0
NONDURABLE GOODS	100.8	102.7	101.4	98.5	98.9
Food and kindred products	84.3	84.7	84.3	85.5	84.4
Tobacco manufactures	68.7	74.1	79.6	79.2	79.5
Textile mill products	99.8	101.1	100.0	95.9	95.8
Apparel and related products	112.2	118.1	115.2	107.5	110.8
Paper and allied products	106.3	107.9	106.5	105.8	104.9
Printing, publishing, and allied industries	108.9	109.2	107.6	105.9	105.8
Chemicals and allied products	110.8	108.9	106.7	107.0	106.0
Petroleum refining and related industries	78.2	76.6	74.3	78.7	79.0
Rubber and miscellaneous plastic products	126.6	129.0	127.9	116.6	116.5
Leather and leather products	92.6	99.5	99.6	90.4	94.8
	Payrolls				
MINING	-	92.2	91.5	90.1	86.6
CONTRACT CONSTRUCTION		123.0	115.6	124.1	111.6
MANUFACTURING	131.2	132.6	130.2	121.7	120.2

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

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

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS**

**Table C-6: Average weekly hours of production workers on payrolls of selected industries¹
seasonally adjusted**

Industry	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
MINING	41.9	42.1	41.4	41.8	42.2	42.2	41.9	41.0	41.6	41.8	41.5	41.7	41.5
CONTRACT CONSTRUCTION	37.0	37.5	37.4	37.5	39.0	37.7	37.1	35.6	37.0	36.8	37.3	37.3	37.2
MANUFACTURING	40.8	41.4	41.3	41.4	41.2	40.9	40.5	40.5	40.8	40.6	40.6	40.6	40.7
<i>Overtime hours</i>	3.2	3.8	3.7	3.6	3.5	3.2	3.2	3.2	3.2	3.0	3.1	3.0	3.0
DURABLE GOODS	41.6	42.3	42.0	42.2	42.0	41.6	41.2	41.4	41.5	41.3	41.4	41.3	41.4
<i>Overtime hours</i>	3.5	4.1	4.1	3.9	3.7	3.3	3.3	3.4	3.4	3.2	3.2	3.2	3.2
Ordnance and accessories	41.0	41.4	41.0	41.0	40.6	40.4	40.6	40.0	40.4	40.4	40.6	40.2	40.3
Lumber and wood products, except furniture ...	40.5	40.8	40.1	40.3	40.2	39.9	39.7	39.4	40.4	40.3	39.9	40.2	40.2
Furniture and fixtures	41.2	42.0	42.0	41.6	41.8	41.5	41.2	40.5	41.2	41.0	41.1	41.2	41.2
Stone, clay, and glass products	41.1	41.7	41.7	41.7	42.2	41.5	41.5	41.1	41.3	41.5	41.4	41.6	41.7
Primary metal industries	41.7	42.5	42.4	42.4	42.2	42.2	41.9	42.8	42.2	41.5	41.5	41.5	41.2
Fabricated metal products	41.9	42.7	42.5	42.3	42.3	42.0	41.4	41.3	41.7	41.6	41.4	41.7	41.8
Machinery	42.2	43.5	43.1	43.0	43.1	42.8	42.0	42.0	42.5	42.4	42.4	42.3	42.2
Electrical equipment and supplies	40.4	41.3	41.2	41.1	41.1	40.9	40.7	40.3	40.6	40.6	40.3	40.4	40.5
Transportation equipment	42.5	43.6	43.3	43.5	42.9	41.5	40.5	42.3	42.6	41.7	42.6	41.9	42.1
Instruments and related products	41.0	41.7	41.5	41.3	41.3	41.1	40.9	40.9	41.0	41.0	40.9	40.8	40.7
Miscellaneous manufacturing industries	39.7	40.0	39.9	39.9	40.0	39.7	39.7	39.1	40.0	39.8	39.5	39.5	39.8
NONDURABLE GOODS	39.8	40.2	40.2	40.1	40.0	40.0	39.9	39.4	39.7	39.5	39.6	39.7	39.8
<i>Overtime hours</i>	2.9	3.2	3.1	3.1	3.1	2.9	2.9	2.9	2.9	2.8	2.8	2.9	2.9
Food and kindred products	40.9	41.0	41.0	41.3	41.3	41.0	41.0	40.7	40.8	40.6	40.9	41.0	41.1
Tobacco manufactures	36.1	38.8	39.3	38.4	39.6	38.5	39.3	37.0	38.4	39.6	39.0	39.7	39.9
Textile mill products	41.4	42.0	42.0	42.2	41.8	41.5	41.4	40.0	41.2	40.8	40.9	41.0	41.0
Apparel and related products	35.9	36.8	36.7	36.8	36.5	36.4	36.2	34.9	35.9	36.0	36.0	36.0	36.2
Paper and allied products	42.4	43.1	43.0	43.1	42.9	42.4	42.9	42.7	43.0	42.9	42.7	42.9	42.8
Printing, publishing, and allied industries	38.6	38.5	38.5	38.5	38.6	38.4	38.6	38.5	38.6	38.4	38.4	38.5	38.7
Chemicals and allied products	42.2	41.8	41.9	41.8	41.6	41.7	41.6	42.1	41.3	41.4	41.4	41.6	41.6
Petroleum refining and related industries	42.6	42.4	41.7	41.3	42.0	41.7	41.6	42.5	42.1	41.6	41.6	41.9	41.6
Rubber and miscellaneous plastic products	41.4	42.4	42.4	42.3	41.6	41.3	41.6	41.3	41.8	40.7	41.2	41.4	41.2
Leather and leather products	38.2	38.4	38.1	37.5	38.2	38.1	38.5	37.7	37.9	37.9	37.9	38.1	37.8
WHOLESALE AND RETAIL TRADE²	-	38.3	38.3	38.3	38.4	38.3	38.4	38.2	38.5	38.6	38.4	38.4	38.4
WHOLESALE TRADE	-	40.8	40.8	40.8	40.9	40.9	40.6	40.5	40.7	40.7	40.7	40.7	40.7
RETAIL TRADE²	-	37.1	37.2	37.1	37.3	37.3	37.5	37.3	37.5	37.7	37.5	37.5	37.4

¹For 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.

²Data exclude eating and drinking places.

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 activities¹
seasonally adjusted**

Industry	1957-59=100												
	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964	Nov. 1964	Oct. 1964	Sept. 1964	Aug. 1964	July 1964	June 1964	May 1964	Apr. 1964
TOTAL	107.4	109.7	108.6	108.1	108.2	105.7	102.4	103.2	104.0	103.5	103.5	103.0	102.9
MINING	82.5	83.2	81.7	82.5	83.8	84.1	83.2	80.7	81.9	83.6	82.5	81.8	81.7
CONTRACT CONSTRUCTION	109.3	115.3	114.2	112.9	118.0	110.8	106.7	101.4	106.4	106.1	107.6	106.9	106.2
MANUFACTURING	108.3	110.0	109.0	108.5	107.7	105.9	102.6	104.6	104.7	104.0	103.7	103.4	103.4
DURABLE GOODS	111.8	113.8	112.5	111.6	110.7	108.2	102.9	107.6	106.9	106.1	105.4	104.6	104.9
Ordnance and accessories	123.8	126.3	126.3	125.1	123.9	125.7	126.3	125.7	128.2	129.4	132.5	133.7	135.2
Lumber and wood products, except furniture ...	95.2	98.5	96.6	95.8	96.1	94.7	93.5	93.2	95.7	96.4	94.0	95.4	96.1
Furniture and fixtures	116.7	118.6	117.6	115.5	115.7	113.5	112.4	110.1	111.0	111.5	111.1	109.7	109.7
Stone, clay, and glass products	106.2	108.3	107.3	107.3	108.1	106.1	105.7	105.1	105.2	105.5	105.0	104.9	105.1
Primary metal industries	110.1	113.0	112.4	112.2	111.3	111.0	108.5	111.3	108.2	106.9	104.6	102.2	100.9
Fabricated metal products	116.4	116.1	117.9	115.5	113.9	111.0	105.7	110.6	110.1	108.2	107.4	107.5	108.5
Machinery	117.6	121.0	118.8	118.3	118.5	115.6	113.6	113.9	113.2	112.5	111.8	110.7	109.8
Electrical equipment and supplies	122.1	123.9	121.8	120.1	119.2	117.2	115.3	113.7	113.6	113.7	111.5	111.3	111.9
Transportation equipment	106.3	108.0	105.1	105.1	101.5	96.1	76.4	100.0	97.7	95.3	97.3	96.2	97.5
Instruments and related products	108.7	110.1	109.2	107.7	107.3	105.8	104.0	104.9	105.1	106.0	104.4	103.7	103.9
Miscellaneous manufacturing industries	108.9	110.1	108.8	108.2	108.8	107.0	105.7	103.1	104.2	103.0	103.2	101.9	102.7
NONDURABLE GOODS	103.8	105.0	104.4	104.4	103.8	102.9	102.2	100.8	101.7	101.3	101.6	101.7	101.5
Food and kindred products	91.6	93.2	92.9	94.0	94.4	93.4	91.9	91.3	92.3	91.2	91.8	92.9	93.0
Tobacco manufactures	80.3	85.2	87.5	86.6	91.8	93.9	93.4	80.1	84.3	94.2	92.7	93.2	92.4
Textile mill products	100.9	102.2	101.7	101.8	100.3	99.0	98.2	94.9	97.2	96.2	96.6	96.9	96.9
Apparel and related products	114.2	115.7	114.7	115.4	113.5	112.7	111.4	107.4	109.7	109.9	111.0	109.5	109.4
Paper and allied products	108.0	109.8	109.3	108.9	108.4	107.3	108.2	107.7	108.2	108.2	107.7	107.9	107.5
Printing, publishing, and allied industries	109.8	109.2	108.8	108.1	108.2	106.8	107.1	107.2	107.1	106.6	106.6	106.9	106.9
Chemicals and allied products	108.9	108.7	108.4	107.9	106.6	106.5	105.4	107.5	105.4	105.9	105.9	105.6	105.2
Petroleum refining and related industries	79.5	79.1	77.1	77.1	78.4	78.5	79.7	81.4	80.0	80.4	80.4	80.3	79.7
Rubber and miscellaneous plastic products	129.2	132.0	130.5	127.6	124.0	122.4	122.2	123.5	123.9	119.5	119.2	120.1	119.2
Leather and leather products	98.2	99.9	98.5	96.7	98.5	98.2	98.3	96.6	96.4	97.4	96.8	97.0	95.2

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

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

ESTABLISHMENT DATA
STATE AND AREA 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		
	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
ALABAMA.....	\$91.65	\$90.80	\$86.24	41.1	40.9	40.3	\$2.23	\$2.22	\$2.14
Birmingham.....	118.14	117.55	110.16	41.6	41.1	40.5	2.84	2.86	2.72
Mobile.....	105.75	102.66	99.55	41.8	40.9	40.8	2.53	2.51	2.44
ALASKA.....	(1)	144.78	146.29	(1)	38.2	38.7	(1)	3.79	3.78
ARIZONA.....	111.11	110.84	108.54	40.7	40.6	40.5	2.73	2.73	2.68
Phoenix.....	112.48	112.20	108.14	40.9	40.8	40.5	2.75	2.75	2.67
Tucson.....	114.36	116.13	113.29	39.3	39.5	39.2	2.91	2.94	2.89
ARKANSAS.....	74.39	72.54	71.02	41.1	40.3	39.9	1.81	1.80	1.78
Fort Smith.....	71.13	71.24	70.27	39.3	39.8	39.7	1.81	1.79	1.77
Little Rock-North Little Rock.....	72.98	71.28	70.13	40.1	39.6	39.4	1.82	1.80	1.78
Pine Bluff.....	87.36	87.97	87.57	41.8	41.3	42.1	2.09	2.13	2.08
CALIFORNIA.....	122.01	121.00	116.91	40.4	40.2	39.9	3.02	3.01	2.93
Anaheim-Santa Ana-Garden Grove.....	122.10	122.70	119.25	40.7	40.9	40.7	3.00	3.00	2.93
Bakersfield.....	128.08	128.64	126.48	39.9	40.2	40.8	3.21	3.20	3.10
Fresno.....	99.07	97.84	95.37	38.4	37.2	37.4	2.58	2.63	2.55
Los Angeles-Long Beach.....	119.36	119.07	114.69	40.6	40.5	40.1	2.94	2.94	2.86
Sacramento.....	133.72	132.26	130.09	40.4	40.2	40.4	3.31	3.29	3.22
San Bernardino-Riverside-Ontario.....	119.29	118.99	118.44	40.3	40.2	40.7	2.96	2.96	2.91
San Diego.....	127.52	129.20	126.27	40.1	40.5	40.6	3.18	3.19	3.11
San Francisco-Oakland.....	130.47	128.44	123.87	39.9	39.4	39.2	3.27	3.26	3.16
San Jose.....	125.42	127.92	117.90	40.2	41.0	39.3	3.12	3.12	3.00
Stockton.....	125.25	124.54	117.38	41.2	40.7	40.2	3.04	3.06	2.92
Vallejo-Napa.....	112.95	112.50	103.51	37.4	37.5	37.1	3.02	3.00	2.79
COLORADO.....	114.09	111.67	112.20	40.6	39.6	40.8	2.81	2.82	2.75
Denver.....	113.48	111.90	113.70	40.1	39.4	40.9	2.83	2.84	2.78
CONNECTICUT.....	112.14	110.92	107.79	42.0	41.7	41.3	2.67	2.66	2.61
Bridgeport.....	115.50	114.53	110.27	42.0	41.8	41.3	2.75	2.74	2.67
Hartford.....	118.58	118.58	111.22	42.5	42.5	41.5	2.79	2.79	2.68
New Britain.....	115.60	113.13	108.32	42.5	41.9	41.5	2.72	2.70	2.61
New Haven.....	109.56	107.42	103.86	41.5	41.0	40.1	2.64	2.62	2.59
Stamford.....	112.47	109.89	115.78	41.5	40.7	42.1	2.71	2.70	2.75
Waterbury.....	113.36	112.25	106.30	42.3	42.2	41.2	2.68	2.66	2.58
DELAWARE.....	113.58	112.89	102.54	41.3	41.2	39.9	2.75	2.74	2.57
Wilmington.....	124.92	123.49	115.14	41.5	41.3	40.4	3.01	2.99	2.85
DISTRICT OF COLUMBIA:									
Washington.....	112.59	110.09	108.35	40.5	39.6	39.4	2.78	2.78	2.75
FLORIDA.....	89.25	90.74	87.57	42.1	42.4	41.9	2.12	2.14	2.09
Jacksonville.....	93.61	95.82	90.20	40.7	41.3	41.0	2.30	2.32	2.20
Miami.....	86.74	85.70	82.01	41.5	41.2	40.8	2.09	2.08	2.01
Tampa-St. Petersburg.....	87.31	91.94	88.41	40.8	41.6	42.1	2.14	2.21	2.10
GEORGIA.....	80.78	79.38	77.14	40.8	40.5	40.6	1.98	1.96	1.90
Atlanta.....	100.85	98.00	95.51	40.5	40.0	40.3	2.49	2.45	2.37
Savannah.....	101.27	99.80	98.95	41.0	40.9	41.4	2.47	2.44	2.39
HAWAII.....	(1)	87.84	79.21	(1)	37.7	36.5	(1)	2.33	2.17
IDAHO.....	98.42	96.77	92.49	38.9	38.4	38.7	2.53	2.52	2.39
ILLINOIS.....	117.04	116.29	112.18	41.6	41.4	40.8	2.81	2.81	2.75
Chicago.....	118.50	118.12	113.58	41.6	41.6	40.9	2.85	2.84	2.78
Davenport-Rock Island-Moline.....	(1)	128.75	128.57	(1)	41.5	41.8	(1)	3.10	3.08
Peoria.....	(1)	132.49	134.79	(1)	42.3	43.5	(1)	3.13	3.10
Rockford.....	(1)	117.95	114.66	(1)	43.6	43.3	(1)	2.71	2.65
INDIANA.....	120.88	119.19	113.08	41.9	41.5	40.6	2.88	2.87	2.79
Indianapolis.....	(1)	121.33	114.12	(1)	42.5	40.9	(1)	2.86	2.79
IOWA.....	112.58	110.07	109.09	40.9	40.1	40.6	2.75	2.75	2.69
Des Moines.....	121.86	118.19	113.98	40.0	38.9	38.8	3.05	3.04	2.94

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		
	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
KANSAS	\$112.50	\$110.42	\$111.02	41.9	41.2	42.3	\$2.68	\$2.68	\$2.63
Topeka.....	122.67	119.45	114.62	43.5	42.4	42.5	2.82	2.82	2.70
Wichita.....	116.65	114.03	119.14	41.1	40.3	41.9	2.84	2.83	2.84
KENTUCKY	101.60	101.35	95.04	41.3	41.2	39.6	2.46	2.46	2.40
Louisville.....	118.34	119.16	109.28	42.0	42.0	39.7	2.82	2.84	2.75
LOUISIANA	105.92	104.24	104.83	41.7	41.2	42.1	2.54	2.53	2.49
Baton Rouge.....	129.47	128.52	130.48	41.1	40.9	42.5	3.15	3.15	3.07
New Orleans.....	107.45	106.66	106.45	40.7	40.4	41.1	2.64	2.64	2.59
Shreveport.....	99.26	96.70	100.77	42.6	41.5	42.7	2.33	2.33	2.36
MAINE	84.23	84.65	79.60	41.7	41.7	40.2	2.02	2.03	1.98
Lewiston-Auburn.....	69.89	68.76	65.22	38.4	38.2	37.7	1.82	1.80	1.73
Portland.....	91.74	90.86	89.60	41.7	41.3	40.0	2.20	2.20	2.24
MARYLAND	107.38	107.12	100.90	41.3	41.2	40.2	2.60	2.60	2.51
Baltimore.....	113.02	112.89	106.39	41.4	41.2	40.3	2.73	2.74	2.64
MASSACHUSETTS	98.33	96.96	93.13	40.8	40.4	39.8	2.41	2.40	2.34
Boston.....	103.72	102.14	100.58	40.2	39.9	39.6	2.58	2.56	2.54
Fall River.....	70.25	70.23	66.93	36.4	36.2	35.6	1.93	1.94	1.88
New Bedford.....	78.21	77.21	74.31	39.3	38.8	38.5	1.99	1.99	1.93
Springfield-Chicopee-Holyoke.....	103.09	101.18	98.49	41.4	40.8	40.7	2.49	2.48	2.42
Worcester.....	110.83	107.90	99.85	42.3	41.5	40.1	2.62	2.60	2.49
MICHIGAN	147.01	142.82	131.69	45.6	44.7	42.7	3.22	3.20	3.08
Detroit.....	156.14	148.61	137.21	46.1	44.4	42.4	3.39	3.35	3.24
Flint ²	167.75	170.35	144.03	47.4	48.0	42.3	3.54	3.55	3.41
Grand Rapids ²	118.23	118.20	112.84	41.5	41.4	40.4	2.85	2.86	2.79
Lansing.....	147.69	149.54	128.73	44.7	44.8	41.5	3.30	3.34	3.10
Muskegon-Muskegon Heights.....	122.98	120.08	115.19	41.2	40.9	39.9	2.99	2.94	2.89
Saginaw.....	154.82	150.15	139.62	47.2	46.3	45.2	3.28	3.24	3.09
MINNESOTA	111.66	110.51	107.03	41.0	40.8	40.5	2.72	2.71	2.64
Duluth-Superior.....	109.26	107.52	102.05	40.1	39.4	38.6	2.73	2.73	2.64
Minneapolis-St. Paul.....	116.59	115.96	112.04	41.0	40.9	40.5	2.84	2.84	2.77
MISSISSIPPI	71.38	71.33	70.35	40.1	40.3	40.2	1.78	1.77	1.75
Jackson.....	79.30	78.02	75.76	43.1	42.4	42.8	1.84	1.84	1.77
MISSOURI	104.28	103.98	99.10	40.2	40.2	39.5	2.59	2.59	2.51
Kansas City.....	114.78	114.26	112.34	41.0	40.8	41.1	2.80	2.80	2.74
St. Louis.....	116.00	115.16	111.43	40.1	39.9	39.8	2.89	2.88	2.80
MONTANA	110.70	110.84	111.38	40.4	40.9	41.1	2.74	2.71	2.71
NEBRASKA	102.48	96.02	97.89	42.9	40.0	41.9	2.39	2.40	2.33
Omaha.....	108.63	101.47	106.68	41.8	38.7	41.5	2.60	2.62	2.57
NEVADA	125.15	123.86	124.49	40.5	39.7	39.9	3.09	3.12	3.12
NEW HAMPSHIRE	84.05	82.82	80.60	41.2	40.8	40.5	2.04	2.03	1.99
Manchester.....	78.80	77.62	76.22	39.8	39.6	39.7	1.98	1.96	1.92
NEW JERSEY	111.25	110.98	107.33	40.9	40.8	40.5	2.72	2.72	2.65
Atlantic City.....	83.89	81.58	79.42	39.2	38.3	38.0	2.14	2.13	2.09
Jersey City ³	110.30	110.43	107.30	40.7	40.6	40.8	2.71	2.72	2.63
Newark ³	111.65	112.06	107.18	41.2	41.2	40.6	2.71	2.72	2.64
Paterson-Clifton-Passaic ³	112.34	112.61	107.45	41.3	41.4	40.7	2.72	2.72	2.64
Perth Amboy ³	115.77	114.52	111.52	41.2	40.9	40.7	2.81	2.80	2.74
Trenton.....	110.30	110.30	108.39	40.7	40.7	40.9	2.71	2.71	2.65

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		
	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
NEW MEXICO	\$89.38	\$90.45	\$94.94	39.2	39.5	40.4	\$2.28	\$2.29	\$2.35
Albuquerque.....	103.49	99.85	100.12	41.9	40.1	40.7	2.47	2.49	2.46
NEW YORK	105.74	105.21	101.14	39.9	39.7	39.2	2.65	2.65	2.58
Albany-Schenectady-Troy.....	116.05	113.40	112.46	41.3	40.5	40.6	2.81	2.80	2.77
Binghamton.....	101.18	101.02	95.20	40.8	40.9	40.0	2.48	2.47	2.38
Buffalo.....	130.40	131.02	122.48	42.2	42.4	41.1	3.09	3.09	2.98
Elmira.....	105.18	106.11	99.94	40.3	40.5	39.5	2.61	2.62	2.53
Massau and Suffolk Counties ⁴	107.60	107.60	106.38	40.3	40.3	39.4	2.67	2.67	2.70
New York-Northeastern New Jersey.....	104.41	103.88	101.01	39.4	39.2	39.0	2.65	2.65	2.59
New York SMEA ³	99.84	99.06	96.90	38.4	38.1	38.0	2.60	2.60	2.55
New York City ⁴	98.16	97.64	95.38	37.9	37.7	37.7	2.59	2.59	2.53
Rochester.....	120.67	118.98	110.42	41.9	41.6	40.3	2.88	2.86	2.74
Syracuse.....	114.12	115.51	108.14	41.2	41.4	40.5	2.77	2.79	2.67
Utica-Rome.....	99.96	99.23	97.04	40.8	40.5	40.1	2.45	2.45	2.42
Westchester County ⁴	106.93	106.13	100.19	40.2	39.9	39.6	2.66	2.66	2.53
NORTH CAROLINA	74.34	73.57	70.64	41.3	41.1	40.6	1.80	1.79	1.74
Charlotte.....	80.14	78.81	77.19	42.4	41.7	41.5	1.89	1.89	1.86
Greensboro-High Point.....	74.34	74.34	73.44	40.4	40.4	40.8	1.84	1.84	1.80
NORTH DAKOTA	94.51	95.03	98.86	41.4	41.2	42.3	2.28	2.31	2.34
Fargo-Moorhead.....	104.26	105.91	102.34	39.4	39.8	39.8	2.65	2.66	2.57
OHIO	126.37	125.18	118.06	42.3	42.1	40.9	2.99	2.97	2.89
Akron.....	139.84	135.59	127.64	42.8	41.9	40.8	3.27	3.24	3.13
Canton.....	121.55	121.68	118.15	40.5	40.6	40.5	3.00	3.00	2.92
Cincinnati.....	118.76	117.78	109.46	42.5	42.2	40.4	2.79	2.79	2.71
Cleveland.....	131.12	129.43	121.37	43.1	42.7	41.3	3.04	3.03	2.94
Columbus.....	115.56	115.10	110.96	40.8	40.7	40.4	2.83	2.83	2.75
Dayton.....	138.84	136.59	129.10	43.2	42.8	42.1	3.21	3.19	3.07
Toledo.....	133.89	133.21	123.84	42.5	42.5	40.9	3.15	3.13	3.03
Youngstown-Warren.....	135.31	134.74	127.85	41.2	41.1	40.6	3.28	3.28	3.15
OKLAHOMA	99.25	98.53	96.74	41.7	41.4	41.7	2.38	2.38	2.32
Oklahoma City.....	94.92	94.28	91.12	42.0	41.9	41.8	2.26	2.25	2.18
Tulsa.....	107.38	106.45	104.25	41.3	41.1	41.7	2.60	2.59	2.50
OREGON	114.76	115.92	109.03	39.3	39.7	38.8	2.92	2.92	2.81
Portland.....	114.76	114.46	111.44	39.3	39.2	39.1	2.92	2.92	2.85
PENNSYLVANIA	104.90	104.78	100.04	40.5	40.3	39.7	2.59	2.60	2.52
Allentown-Bethlehem-Easton.....	104.26	103.88	96.61	40.1	39.8	38.8	2.60	2.61	2.49
Altoona.....	89.15	89.57	82.56	39.8	40.9	39.5	2.24	2.19	2.09
Erie.....	115.29	114.33	108.99	42.7	42.5	41.6	2.70	2.69	2.62
Harrisburg.....	92.75	93.71	85.02	40.5	41.1	39.0	2.28	2.28	2.18
Johnstown.....	107.06	107.62	103.04	38.1	38.3	37.2	2.81	2.81	2.77
Lancaster.....	96.46	94.89	92.03	41.4	40.9	40.9	2.33	2.32	2.25
Philadelphia.....	109.76	108.67	103.49	40.5	40.1	39.5	2.71	2.71	2.62
Pittsburgh.....	127.20	126.58	123.93	40.9	40.7	40.5	3.11	3.11	3.06
Reading.....	95.24	93.50	90.35	40.7	40.3	39.8	2.34	2.32	2.27
Scranton.....	76.30	76.47	72.72	37.4	37.3	37.1	2.04	2.05	1.96
Wilkes-Barre-Hazleton.....	72.89	70.92	72.56	37.0	36.0	37.4	1.97	1.97	1.94
York.....	87.97	88.40	83.63	41.3	41.7	41.4	2.13	2.12	2.02
RHODE ISLAND	86.67	85.60	83.62	40.5	40.0	40.2	2.14	2.14	2.08
Providence-Pawtucket-Warwick.....	88.37	86.05	83.18	41.1	40.4	39.8	2.15	2.13	2.09
SOUTH CAROLINA	77.52	77.75	73.16	41.9	41.8	41.1	1.85	1.86	1.78
Charleston.....	86.32	83.03	80.73	41.5	40.7	41.4	2.08	2.04	1.95
Greenville.....	79.30	79.12	71.62	43.1	43.0	41.4	1.84	1.84	1.73
SOUTH DAKOTA	100.97	101.46	106.25	42.5	43.2	45.3	2.38	2.35	2.35
Sioux Falls.....	110.86	112.40	120.88	43.2	43.6	47.7	2.57	2.58	2.53

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		
	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964	Mar. 1965	Feb. 1965	Mar. 1964
TENNESSEE	\$84.04	\$84.46	\$81.20	40.6	41.0	40.4	\$2.07	\$2.06	\$2.01
Chattanooga.....	91.72	90.23	87.74	41.5	41.2	41.0	2.21	2.19	2.14
Knoxville.....	96.52	96.29	92.97	40.9	40.8	39.9	2.36	2.36	2.33
Memphis.....	91.30	90.63	90.32	40.4	40.1	40.5	2.26	2.26	2.23
Nashville.....	89.28	90.20	86.69	40.4	41.0	40.7	2.21	2.20	2.13
TEXAS	101.57	100.85	99.48	41.8	41.5	41.8	2.43	2.43	2.38
Dallas.....	94.47	94.02	89.86	41.8	41.6	41.6	2.26	2.26	2.16
Fort Worth.....	106.75	105.22	104.39	41.7	41.1	41.1	2.56	2.56	2.54
Houston.....	119.99	119.28	117.15	42.7	42.6	42.6	2.81	2.80	2.75
San Antonio.....	76.82	76.48	74.21	41.3	40.9	41.0	1.86	1.87	1.81
UTAH	113.88	113.77	110.28	40.1	40.2	40.1	2.84	2.83	2.75
Salt Lake City.....	110.16	107.20	106.92	40.8	40.0	40.5	2.70	2.68	2.64
VERMONT	90.09	89.03	85.08	42.1	41.8	41.1	2.14	2.13	2.07
Burlington.....	92.13	92.77	89.65	41.5	41.6	40.2	2.22	2.23	2.23
Springfield.....	106.14	104.19	95.94	43.5	42.7	41.0	2.44	2.44	2.34
VIRGINIA	86.94	86.52	82.82	41.6	41.2	41.0	2.09	2.10	2.02
Norfolk-Portsmouth.....	97.45	93.68	97.16	43.7	42.2	45.4	2.23	2.22	2.14
Richmond.....	94.36	93.67	89.95	40.5	40.2	40.7	2.33	2.33	2.21
Roanoke.....	85.54	83.36	81.37	43.2	42.1	42.6	1.98	1.98	1.91
WASHINGTON	121.88	121.09	115.74	39.7	39.7	39.1	3.07	3.05	2.96
Seattle-Everett.....	124.89	125.02	117.61	39.9	40.2	39.6	3.13	3.11	2.97
Spokane.....	117.39	117.51	116.72	39.0	39.3	39.3	3.01	2.99	2.97
Tacoma.....	115.92	115.80	113.58	38.9	38.6	38.5	2.98	3.00	2.95
WEST VIRGINIA	110.16	110.03	105.74	40.5	40.6	39.9	2.72	2.71	2.65
Charleston.....	126.98	129.79	127.91	40.7	41.6	41.8	3.12	3.12	3.06
Huntington-Ashland.....	119.60	119.25	109.59	41.1	40.7	39.0	2.91	2.93	2.81
Wheeling.....	112.03	108.78	102.85	40.3	39.7	37.4	2.78	2.74	2.75
WISCONSIN	113.93	113.41	109.67	41.7	41.4	41.4	2.73	2.74	2.65
Green Bay.....	115.89	114.91	106.72	43.4	43.1	42.5	2.67	2.66	2.51
Kenosha.....	116.70	112.33	119.97	38.2	36.8	39.8	3.06	3.05	3.01
La Crosse.....	106.58	105.19	102.39	40.7	39.8	39.7	2.62	2.64	2.58
Madison.....	115.71	115.92	114.30	40.2	40.0	40.4	2.88	2.90	2.83
Milwaukee.....	124.62	125.04	120.07	41.4	41.5	41.1	3.01	3.01	2.92
Racine.....	122.64	123.40	117.08	41.7	41.9	41.2	2.94	2.95	2.84
WYOMING	112.78	112.31	105.36	38.1	38.2	37.9	2.96	2.94	2.78
Casper.....	120.82	122.18	121.39	38.6	38.3	39.8	3.13	3.19	3.05

¹Not available.

²Data for 1965 not comparable with earlier years because of change in area definition.

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

⁴Subarea of New York Standard Metropolitan Statistical Area.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA
LABOR TURNOVER
Table D-1: Labor turnover rates in manufacturing
1955 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1955.....	3.8	3.7	4.2	4.2	4.5	5.3	4.5	5.8	5.5	5.0	4.0	2.9	4.5
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 ¹	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961.....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962.....	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963.....	3.6	3.3	3.5	3.9	4.0	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964.....	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965.....	3.8	3.5	3.9										
New hires													
1955.....	2.0	2.1	2.6	2.6	3.0	3.8	3.3	4.1	3.9	3.5	2.9	2.0	3.0
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	3.1	2.6	1.8	1.4	2.4
1964.....	2.0	2.0	2.2	2.4	2.6	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965.....	2.4	2.4	2.7										
Total separations													
1955.....	3.3	2.8	3.3	3.6	3.7	4.0	4.1	4.7	5.5	4.4	3.8	3.6	3.9
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 ¹	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961.....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962.....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963.....	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964.....	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965.....	3.7	3.1	3.3										
Quits													
1955.....	1.2	1.2	1.5	1.8	1.7	1.8	2.0	2.7	3.5	2.2	1.8	1.3	1.9
1956.....	1.6	1.6	1.7	1.8	1.8	2.0	1.9	2.7	3.2	2.1	1.6	1.2	1.9
1957.....	1.5	1.4	1.5	1.6	1.6	1.6	1.7	2.3	2.7	1.6	1.1	.8	1.6
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964.....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.3	1.3	1.5										
Layoffs													
1955.....	1.7	1.2	1.4	1.4	1.3	1.5	1.6	1.5	1.4	1.6	1.5	1.8	1.5
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										

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

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

Data for the current month are preliminary.

**ESTABLISHMENT DATA
LABOR TURNOVER**

Table D-2: Labor turnover rates, by industry

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965
MANUFACTURING	3.9	3.5	2.7	2.4	3.3	3.1	1.5	1.3	1.2	1.2
DURABLE GOODS	3.8	3.5	2.7	2.4	3.1	2.9	1.3	1.1	1.1	1.0
NONDURABLE GOODS	3.9	3.6	2.7	2.4	3.6	3.4	1.6	1.4	1.3	1.4
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	1.7	1.9	0.8	1.1	2.3	2.5	0.7	0.8	1.1	1.2
Ammunition, except for small arms	1.5	2.0	.6	1.1	2.2	2.5	.6	.8	1.2	1.2
Sighting and fire control equipment	2.4	1.5	.7	.7	2.0	2.5	.8	.8	.3	.6
Other ordnance and accessories	2.3	1.8	1.7	1.3	2.6	2.5	.9	.8	1.3	1.3
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	5.6	5.3	4.2	3.4	5.9	4.7	2.7	2.1	2.4	1.9
Sawmills and planing mills	5.1	4.1	3.7	2.8	4.6	4.2	2.4	1.9	1.5	1.6
Sawmills and planing mills, general	5.2	4.1	3.7	2.7	4.4	4.1	2.3	1.7	1.4	1.7
Millwork, plywood, and related products	5.4	4.2	4.1	3.1	4.3	3.9	2.6	1.9	.9	1.4
Millwork	4.5	4.5	3.9	3.3	3.9	3.5	2.2	1.8	1.1	1.2
Veneer and plywood	5.1	3.5	3.9	3.0	4.3	3.8	2.9	2.1	.5	1.0
Wooden containers	5.1	4.2	4.3	2.9	6.0	4.6	2.5	1.6	2.8	2.2
Wooden boxes, shooks, and crates	5.3	4.4	4.7	3.0	6.5	4.3	2.7	1.6	3.1	2.0
Miscellaneous wood products	5.6	5.5	4.6	4.3	4.9	4.3	2.9	2.1	1.0	1.2
FURNITURE AND FIXTURES	5.4	4.6	4.5	3.7	4.4	4.0	2.6	2.2	.9	1.0
Household furniture	5.5	4.7	4.6	3.9	4.5	4.0	2.9	2.4	.7	.8
Wood house furniture, unupholstered	5.0	3.9	4.2	3.4	4.7	3.9	3.1	2.5	.6	.7
Wood house furniture, upholstered	3.7	3.9	3.2	3.4	3.4	3.8	2.2	2.0	.6	1.0
Mattresses and bedspings	5.1	4.3	4.4	3.7	3.4	3.4	1.8	2.0	1.0	.7
Office furniture	3.2	2.4	2.8	1.9	3.8	2.5	1.8	1.1	.9	.8
STONE, CLAY, AND GLASS PRODUCTS	4.4	3.6	2.2	1.9	2.9	3.3	1.1	1.0	1.2	1.7
Flat glass	2.1	3.6	.6	1.1	3.2	2.7	.1	.2	2.7	2.1
Glass and glassware, pressed or blown	3.6	3.6	1.8	1.5	3.3	2.9	1.0	.9	1.2	1.1
Glass containers	4.1	4.1	2.3	2.0	3.6	3.1	1.3	1.2	1.4	1.2
Pressed and blown glassware, n.e.c.	3.0	2.9	1.2	.8	3.0	2.6	.7	.6	1.0	1.0
Cement, hydraulic	6.3	3.8	.5	.5	1.9	4.9	.3	.4	1.1	4.1
Structural clay products	5.5	3.5	2.7	2.2	3.1	3.7	1.8	1.1	.8	2.0
Brick and structural clay tile	6.1	4.1	2.9	2.6	3.3	4.3	2.1	1.3	.7	2.4
Pottery and related products	3.8	4.2	2.9	2.6	2.6	4.2	1.3	1.2	.7	2.4
Abrasive products	2.1	1.7	1.1	1.4	1.1	1.4	.4	.5	.1	.4
PRIMARY METAL INDUSTRIES	2.9	2.8	2.1	1.9	2.0	1.9	.9	.7	.4	.4
Blast furnace and basic steel products	2.6	2.4	1.9	1.6	1.7	1.5	.6	.5	.3	.2
Blast furnaces, steel and rolling mills	2.5	2.4	1.8	1.6	1.7	1.4	.6	.5	.3	.2
Iron and steel foundries	3.8	4.0	3.2	3.0	2.7	2.9	1.6	1.3	.3	.4
Gray iron foundries	3.6	3.9	3.0	2.9	2.7	2.9	1.7	1.3	.2	.4
Malleable iron foundries	5.4	4.9	4.1	4.0	2.9	4.1	1.8	1.5	.2	1.0
Steel foundries	3.5	3.8	3.1	2.8	2.6	2.2	1.3	1.1	.5	.3
Nonferrous smelting and refining	2.3	1.7	1.6	1.2	1.7	1.6	.8	.6	.4	.5
Nonferrous rolling, drawing, and extruding	2.6	2.5	1.6	1.4	2.0	1.6	.7	.6	.8	.6
Copper rolling, drawing, and extruding	1.6	1.8	1.1	1.3	1.4	1.2	.6	.5	.3	.3
Aluminum rolling, drawing, and extruding	2.5	2.2	1.4	.9	1.7	1.5	.5	.5	.7	.7
Nonferrous wire drawing, and insulating	3.5	3.7	2.0	2.1	2.7	2.1	.9	.8	1.4	1.0
Nonferrous foundries	4.4	4.0	3.5	3.3	3.4	3.0	2.0	1.6	.6	.6
Aluminum castings	4.7	4.6	3.7	3.6	3.8	3.1	2.2	1.7	.7	.7
Other nonferrous castings	4.0	3.5	3.3	2.9	3.0	2.9	1.8	1.5	.5	.6
Miscellaneous primary metal industries	2.6	2.7	2.1	2.3	2.1	1.9	1.0	.8	.5	.5
Iron and steel forgings	2.4	2.8	2.0	2.4	1.8	1.6	.9	.7	.4	.4

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

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

Industry	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	
<i>Durable Goods--Continued</i>										
FABRICATED METAL PRODUCTS	4.4	3.8	3.2	2.6	3.8	3.4	1.6	1.3	1.5	1.3
Metal cans	8.7	5.3	3.9	1.9	6.1	5.3	1.2	.9	3.5	3.5
Cutlery, hand tools, and general hardware	3.5	3.3	2.3	2.4	3.3	2.7	1.3	1.1	1.4	.6
Cutlery and hand tools, including saws	3.2	2.9	2.9	2.5	3.0	2.0	1.6	1.0	.8	.4
Hardware, n.e.c.	3.8	3.5	2.0	2.3	3.4	3.2	1.1	1.2	1.8	.8
Heating equipment and plumbing fixtures	3.4	3.7	2.4	2.6	3.6	2.8	1.3	1.2	1.6	.8
Sanitary ware and plumbers' brass goods	3.4	3.6	2.4	2.5	3.2	2.6	1.3	1.2	1.1	.5
Heating equipment, except electric	3.3	3.9	2.3	2.6	3.9	3.0	1.3	1.1	2.0	1.1
Fabricated structural metal products	4.9	3.9	3.8	2.7	4.1	3.9	1.8	1.4	1.6	1.8
Fabricated structural steel	5.6	4.9	4.2	3.0	5.1	4.7	2.0	1.4	2.4	2.5
Fabricated plate work (boiler shops)	4.2	3.3	3.4	2.4	3.5	2.9	1.5	1.2	1.2	1.1
Architectural and miscellaneous metal work	4.6	3.2	3.7	2.3	4.1	3.7	1.5	1.2	2.0	1.7
Screw machine products, bolts, etc.	3.5	3.3	3.1	2.9	2.9	2.7	1.7	1.4	.6	.6
Bolts, nuts, screws, rivets, and washers	2.7	2.3	2.3	2.0	2.3	2.1	1.1	1.0	.6	.6
Metal stampings	4.2	3.4	2.8	2.2	3.5	2.9	1.2	.9	1.5	1.2
Miscellaneous fabricated wire products	4.5	3.4	3.8	2.8	2.9	2.7	1.9	1.4	.4	.8
Miscellaneous fabricated metal products	3.4	3.5	2.7	2.8	2.6	2.6	1.4	1.3	.6	.7
Valves, pipe, and pipe fittings	3.3	3.6	3.0	3.1	2.7	2.3	1.5	1.3	.5	.3
MACHINERY	3.2	2.9	2.6	2.3	2.3	2.0	1.2	1.0	.5	.4
Engines and turbines	3.7	3.0	2.4	2.1	3.0	1.9	1.0	.6	.7	.2
Steam engines and turbines	3.4	2.0	1.3	1.0	2.5	1.4	.4	.2	.3	.2
Internal combustion engines, n.e.c.	3.9	3.5	2.9	2.7	3.2	2.2	1.2	.8	1.0	.2
Farm machinery and equipment	3.4	4.2	2.8	3.3	2.6	2.4	1.1	1.1	.8	.5
Construction and related machinery	3.3	2.6	2.9	2.2	2.5	1.8	1.2	1.0	.6	.3
Construction and mining machinery	3.2	2.4	2.7	2.0	2.7	1.7	1.2	.9	.9	.3
Oil field machinery, and equipment	2.3	2.1	2.1	2.0	1.7	1.7	1.1	1.1	.1	.1
Conveyors, hoists, and industrial cranes	4.8	3.8	4.2	3.1	2.5	2.1	1.3	1.1	.5	.4
Metalworking machinery and equipment	3.0	2.6	2.6	2.3	2.3	2.1	1.2	1.0	.5	.5
Machine tools, metal cutting types	2.6	2.3	2.4	2.1	1.7	1.3	1.0	.8	.2	.1
Machine tool accessories	2.7	2.1	2.5	2.0	1.8	1.5	1.1	.8	.1	.1
Miscellaneous metalworking machinery	2.3	2.2	2.1	2.0	1.5	1.7	.8	.8	.2	.4
Special industry machinery	2.8	2.5	2.5	2.2	2.0	1.8	1.1	.9	.4	.4
Food products machinery	3.2	2.8	2.6	2.1	1.8	1.8	1.0	.9	.3	.4
Textile machinery	3.0	3.0	2.6	2.7	2.4	1.9	1.3	1.1	.3	.2
General industrial machinery	2.7	2.5	2.3	2.0	1.8	1.7	1.0	.9	.3	.3
Pumps, air and gas compressors	2.6	2.4	2.4	2.2	1.5	1.7	1.0	1.0	.1	.1
Ball and roller bearings	1.9	2.1	1.5	1.3	1.3	1.5	.7	.6	.3	.5
Mechanical power transmission goods	2.4	2.3	2.0	2.1	1.8	1.7	1.0	.9	.3	.3
Office, computing, and accounting machines	3.0	2.4	2.2	1.6	1.7	1.7	.9	.8	.2	.2
Computing machines and cash registers	3.1	2.4	2.3	1.5	1.6	1.7	.8	.7	.2	.2
Service industry machines	4.6	3.6	3.5	2.7	3.2	2.8	1.5	1.1	.6	.9
Refrigeration, except home refrigerators	5.1	4.2	3.6	2.9	3.5	3.0	1.6	1.2	.7	1.0
ELECTRICAL EQUIPMENT AND SUPPLIES	3.4	3.1	2.4	2.1	2.9	2.6	1.2	1.1	.9	.8
Electric distribution equipment	2.9	2.2	2.2	1.6	2.4	2.0	1.1	.9	.5	.4
Electric measuring instruments	3.9	2.8	3.0	2.0	3.0	2.4	1.5	1.1	.6	.5
Power and distribution transformers	3.4	2.1	2.2	1.6	2.4	1.9	1.2	.8	.3	.5
Switchgear and switchboard apparatus	1.8	1.8	1.4	1.3	2.0	1.7	.8	.8	.6	.2
Electrical industrial apparatus	3.1	2.6	2.4	2.0	2.2	2.4	1.1	1.0	.5	.8
Motors and generators	3.2	2.7	2.4	2.0	2.2	2.3	1.0	1.0	.5	.8
Industrial controls	3.1	2.4	2.6	2.0	2.5	2.5	1.2	1.0	.7	.9
Household appliances	3.7	3.1	2.2	2.4	3.0	2.4	1.3	1.0	1.0	.7
Household refrigerators and freezers	2.9	3.2	2.0	2.8	2.3	2.3	1.1	.9	.2	.7
Household laundry equipment	3.7	1.7	.5	1.1	3.2	2.6	.7	.7	1.6	1.4
Electric housewares and fans	5.3	4.6	3.2	3.1	5.4	3.0	2.1	1.5	2.7	.7
Electric lighting and wiring equipment	3.9	3.7	3.1	2.9	2.9	2.8	1.5	1.3	.7	.8
Electric lamps	2.4	2.7	2.0	2.1	1.2	1.7	.7	.8	(1)	.2
Lighting fixtures	4.0	4.5	3.2	3.4	4.0	3.2	1.6	1.3	1.4	1.2
Wiring devices	4.4	3.6	3.6	2.9	2.8	2.9	1.8	1.5	.4	.7
Radio and TV receiving sets	4.1	3.7	2.9	2.0	4.2	3.7	1.1	1.3	2.4	1.4
Communication equipment	2.9	2.2	1.8	1.4	2.4	2.1	1.1	.9	.7	.6
Telephone and telegraph apparatus	(2)	2.0	(2)	1.8	(2)	1.1	(2)	.7	(2)	(1)
Radio and TV communication equipment	3.2	2.3	1.9	1.3	2.8	2.5	1.2	1.0	1.0	.8
Electronic components and accessories	4.5	4.7	3.2	3.1	3.6	3.7	1.6	1.5	1.2	1.2
Electron tubes	3.3	3.6	1.9	1.8	3.3	3.1	1.1	1.1	1.7	.8
Electronic components, n.e.c.	4.9	5.0	3.5	3.5	3.7	3.9	1.7	1.7	1.0	1.3
Miscellaneous electrical equipment and supplies	2.4	2.6	1.4	1.6	2.7	2.5	.8	.9	1.3	1.0
Electrical equipment for engines	2.0	2.3	1.2	1.5	1.8	2.1	.6	.8	.8	.7

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

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965
<i>Durable Goods--Continued</i>										
TRANSPORTATION EQUIPMENT	3.9	3.8	2.4	2.4	3.4	3.2	1.1	0.9	1.7	1.5
Motor vehicles and equipment	3.7	3.5	2.0	2.1	3.0	2.6	.8	.6	1.6	1.0
Motor vehicles	3.4	3.1	1.7	2.2	2.9	2.3	.8	.7	1.6	.6
Passenger car bodies	4.0	5.1	1.0	2.9	4.3	3.6	.4	.3	3.3	1.5
Truck and bus bodies	4.8	4.5	4.3	3.5	2.7	4.7	1.8	1.0	.1	3.1
Motor vehicle parts and accessories	3.5	3.3	1.9	1.8	2.8	2.4	.6	.6	1.4	.9
Aircraft and parts	2.4	2.4	1.8	1.7	2.5	2.3	.9	.8	1.0	1.1
Aircraft	1.9	2.3	1.3	1.6	2.3	2.0	.8	.7	1.1	1.0
Aircraft engines and engine parts	2.3	2.0	1.7	1.3	2.0	2.4	.8	.8	.8	1.3
Other aircraft parts and equipment	4.5	3.8	3.7	2.8	3.7	3.0	1.6	1.4	1.4	1.0
Ship and boat building and repairing	9.3	9.2	5.7	4.7	7.4	7.9	2.5	1.8	4.1	5.4
Ship building and repairing	9.3	9.8	5.2	4.5	7.7	8.2	2.2	1.6	4.8	6.0
Railroad equipment	3.9	3.5	2.0	1.9	5.4	4.7	.9	.9	3.7	3.0
Other transportation equipment	9.7	8.4	7.5	6.3	6.1	5.8	3.5	2.6	1.3	1.6
INSTRUMENTS AND RELATED PRODUCTS	3.0	2.7	2.3	2.0	2.4	2.4	1.2	1.0	.6	.7
Engineering and scientific instruments	2.6	2.1	2.2	1.5	2.0	2.1	1.1	.8	.5	.9
Mechanical measuring and control devices	3.2	2.9	1.9	1.9	2.7	2.9	1.2	1.1	.6	.9
Mechanical measuring devices	2.4	2.2	2.0	1.9	2.1	2.4	1.1	1.0	.6	.9
Automatic temperature controls	4.4	4.1	1.7	1.8	3.7	3.8	1.3	1.2	.6	1.0
Optical and ophthalmic goods	3.3	3.2	2.6	2.6	3.3	2.8	1.8	1.6	1.0	.5
Surgical, medical, and dental equipment	2.8	2.4	2.4	1.9	2.3	2.1	1.3	1.1	.4	.4
Photographic equipment and supplies	(2)	2.4	(2)	2.2	(2)	1.4	(2)	.7	(2)	.3
Watches and clocks	5.1	3.6	3.7	2.2	3.4	3.5	1.7	1.4	.8	1.1
MISCELLANEOUS MANUFACTURING INDUSTRIES	6.1	5.7	3.3	3.3	4.3	4.0	2.0	1.7	1.7	1.5
Jewelry, silverware, and plated ware	4.2	3.5	3.5	2.5	2.9	2.9	1.8	1.7	.6	.7
Toys, amusement, and sporting goods	11.2	10.0	3.6	4.0	5.6	5.5	2.2	2.0	2.5	2.7
Toys, games, dolls, and play vehicles	14.5	12.5	3.7	4.0	6.5	5.9	2.1	1.7	3.5	3.5
Sporting and athletic goods, n.e.c.	5.5	6.0	3.5	4.1	4.0	4.8	2.4	2.4	.7	1.5
Pens, pencils, office and art materials	3.7	3.2	3.0	2.0	3.3	2.2	1.6	1.2	1.0	.5
Costume jewelry, buttons, and notions	4.1	6.6	3.4	5.1	5.0	5.1	2.2	2.4	2.0	1.9
Other manufacturing industries	4.2	3.9	3.2	2.7	3.9	3.3	1.8	1.4	1.4	1.1
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	4.1	3.8	2.4	2.1	4.4	4.8	1.5	1.4	2.3	2.8
Meat products	4.1	4.0	2.0	1.7	4.6	6.0	1.5	1.4	2.6	4.0
Meat packing	3.3	4.0	.8	.9	4.4	6.0	.7	.7	3.3	4.8
Poultry dressing and packing	7.9	5.7	5.9	4.5	6.2	7.1	4.3	3.9	1.1	2.0
Grain mill products	2.4	2.4	1.6	1.6	2.9	2.8	1.0	1.0	1.3	1.3
Flour and other grain mill products	2.0	1.9	1.4	1.0	2.1	2.6	.9	.7	.8	1.6
Prepared feeds for animals and fowls	2.5	2.3	2.0	1.8	3.2	3.0	1.4	1.3	1.2	1.1
Bakery products	2.8	2.9	2.2	2.1	3.2	3.1	1.6	1.4	1.0	1.0
Bread, cake, and perishable products	2.6	2.7	2.3	2.2	2.8	2.7	1.6	1.5	.6	.7
Biscuit, crackers, and pretzels	4.2	3.9	1.7	1.5	5.4	4.9	1.2	1.3	3.2	2.5
Confectionery and related products	6.1	4.9	3.1	3.0	8.0	5.5	2.5	2.1	4.8	2.9
Candy and other confectionery products	6.9	5.6	3.6	3.4	9.1	6.1	2.9	2.4	5.5	3.2
Beverages	5.2	3.8	2.7	2.1	3.9	3.6	1.4	1.2	1.9	1.9
Malt liquors	5.2	4.2	1.4	1.2	4.5	3.8	.5	.4	3.5	3.0
TOBACCO MANUFACTURES	2.0	2.4	1.0	1.2	6.6	6.4	1.0	1.1	4.9	4.9
Cigarettes	1.4	1.7	.9	.6	1.5	1.0	.3	.3	.7	.2
Cigars	2.8	3.5	1.6	1.8	4.4	3.4	2.4	2.2	1.5	.9

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

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965
<i>Nondurable Goods--Continued</i>										
TEXTILE MILL PRODUCTS	4.3	3.8	3.1	2.6	3.7	3.3	2.2	1.8	0.8	0.9
Cotton broad woven fabrics	3.3	2.8	2.6	2.1	3.2	2.7	2.3	1.9	.3	.2
Silk and synthetic broad woven fabrics	3.7	3.0	3.0	2.3	3.3	3.0	2.0	1.6	.6	.7
Weaving and finishing broad woolsens	5.1	4.3	3.4	2.9	4.4	3.6	1.8	1.4	1.9	1.7
Narrow fabrics and smallwares	4.0	3.7	3.3	3.0	3.8	3.7	2.3	1.7	.7	.8
Knitting	5.8	5.0	3.6	3.1	3.9	3.7	2.3	1.9	1.1	1.3
Full-fashioned hosiery	3.5	4.5	2.7	3.2	4.1	3.2	2.5	2.4	1.2	.5
Seamless hosiery	3.3	2.9	2.6	2.2	3.0	2.5	2.2	1.7	.5	.5
Knit underwear	3.5	3.2	2.6	2.2	2.6	2.3	1.8	1.6	.5	.4
Finishing textiles, except wool and knit	3.1	3.1	2.4	2.0	3.8	2.6	2.1	1.4	1.1	.6
Floor covering	4.0	3.9	3.1	3.0	4.0	3.4	2.4	1.8	.9	.7
Yarn and thread	4.9	4.6	3.7	3.4	4.6	4.5	3.0	2.6	.8	1.1
Miscellaneous textile goods	4.2	3.4	2.8	2.4	2.8	3.5	1.5	1.3	.7	1.4
APPAREL AND RELATED PRODUCTS	5.3	5.4	3.8	3.5	4.7	4.2	2.2	2.1	1.7	1.4
Men's and boys' suits and coats	3.1	2.9	2.3	2.3	2.6	2.4	1.5	1.5	.6	.5
Men's and boys' furnishings	5.2	4.6	4.0	3.3	4.0	3.8	2.8	2.6	.5	.7
Men's and boys' shirts and nightwear	4.7	4.2	3.4	3.1	4.1	3.7	2.7	2.5	.5	.6
Men's and boys' separate trousers	5.2	4.6	4.3	3.6	4.1	3.8	3.0	2.8	.5	.4
Work clothing	5.9	4.1	4.5	3.0	4.3	3.8	3.2	2.8	.2	.4
Women's and children's undergarments	5.0	4.8	3.3	3.3	4.2	4.4	2.2	2.3	1.3	1.5
Women's and children's underwear	5.0	5.3	3.0	3.4	4.7	4.9	2.5	2.5	1.5	1.8
Corsets and allied garments	4.9	3.9	3.8	3.0	3.2	3.6	1.8	1.9	.8	1.1
PAPER AND ALLIED PRODUCTS	3.1	2.4	2.3	1.6	2.6	2.3	1.2	1.0	.8	.7
Paper and pulp	1.6	1.3	1.2	.8	1.5	1.3	.6	.5	.5	.4
Paperboard	1.6	1.5	1.4	1.0	1.8	1.6	.8	.8	.5	.4
Converted paper and paperboard products	4.3	3.4	3.2	2.5	3.4	3.1	1.6	1.4	1.1	1.0
Bags, except textile bags	5.4	4.8	3.9	3.1	4.9	4.6	2.5	1.9	1.6	1.7
Paperboard containers and boxes	4.2	3.0	3.2	2.1	3.5	3.1	1.7	1.4	1.0	1.0
Folding and setup paperboard boxes	4.2	3.1	3.0	2.2	3.4	3.6	1.9	1.5	.8	1.4
Corrugated and solid fiber boxes	3.5	2.7	2.9	2.1	3.1	2.8	1.6	1.4	.7	.7
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	3.0	2.7	2.3	2.0	2.5	2.4	1.4	1.2	.7	.7
CHEMICALS AND ALLIED PRODUCTS	2.6	2.3	2.0	1.7	1.7	1.5	.7	.6	.5	.5
Industrial chemicals	1.3	1.3	1.0	.8	1.1	1.0	.4	.4	.3	.3
Plastics and synthetics, except glass	2.0	2.0	1.6	1.7	1.3	1.1	.6	.6	.3	.2
Plastics and synthetics, except fibers	1.8	1.7	1.6	1.4	1.2	1.3	.6	.6	.1	.2
Synthetic fibers	2.2	2.3	1.6	2.0	1.1	1.0	.5	.5	.3	.2
Drugs	1.8	1.8	1.4	1.6	1.3	1.4	.8	.8	.3	.2
Pharmaceutical preparations	1.9	2.0	1.5	1.8	1.5	1.4	.9	.9	.3	.3
Soap, cleaners, and toilet goods	3.4	3.7	2.1	2.2	3.6	2.8	1.1	1.0	1.6	1.2
Soap and detergents	2.8	3.6	.6	1.4	3.5	3.3	.5	.4	2.3	2.1
Toilet preparations	4.5	4.7	3.7	3.2	4.4	3.2	1.5	1.4	1.8	1.0
Paints, varnishes, and allied products	2.5	2.3	2.2	2.0	1.7	1.6	1.0	.8	.1	.3
Other chemical products	2.2	2.4	1.4	1.5	2.5	2.0	.7	.6	1.3	1.0
PETROLEUM REFINING AND RELATED INDUSTRIES	1.7	1.4	1.0	.9	1.7	1.6	.4	.5	.7	.5
Petroleum refining	1.1	.8	.8	.7	1.3	1.1	.3	.4	.5	.2
Other petroleum and coal products	4.3	4.0	2.0	1.9	3.4	3.8	1.1	.9	1.7	2.0
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	4.2	3.8	3.0	2.8	3.8	3.4	1.7	1.4	1.2	1.0
Tires and inner tubes	2.0	1.7	1.0	.8	1.6	1.4	.4	.3	.5	.3
Other rubber products	3.7	3.7	2.6	2.7	3.5	2.8	1.7	1.4	.9	.7
Miscellaneous plastic products	5.8	5.1	4.6	4.1	5.3	5.0	2.4	2.2	1.8	1.6

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

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965	Mar. 1965	Feb. 1965
<i>Nondurable Goods--Continued</i>										
LEATHER AND LEATHER PRODUCTS	4.8	4.7	3.2	3.0	4.7	3.9	2.5	2.2	1.4	1.0
Leather tanning and finishing	5.1	3.0	2.9	1.9	3.8	3.8	1.4	1.3	1.7	2.0
Footwear, except rubber	4.4	4.5	3.0	3.0	4.2	3.8	2.6	2.4	.9	.7
NONMANUFACTURING										
METAL MINING	2.4	2.1	1.3	1.4	2.2	2.4	1.2	1.0	.5	.6
Iron ores	3.5	1.4	.8	.5	1.5	1.3	.7	.2	.3	.6
Copper ores	1.3	2.1	.9	1.3	1.2	2.1	.6	.8	.2	.5
COAL MINING	2.1	1.3	1.2	.7	2.6	2.5	.5	.6	1.5	1.4
Bituminous	2.1	1.3	1.2	.7	1.5	2.1	.6	.6	.4	1.0
COMMUNICATION:										
Telephone communication	(2)	1.7	-	-	(2)	1.3	(2)	.8	(2)	.1
Telegraph communication ³	(2)	1.4	-	-	(2)	1.6	(2)	.7	(2)	.5

¹ Less than 0.05.

² Not available.

³ Data relate all employees except messengers.

NOTE: Data for the current month are preliminary.

Table D-3: Labor turnover rates in manufacturing, by sex and major industry¹

January 1965

Major industry group	Men (per 100 men)			Women (per 100 women)		
	Total accessions	Separations		Total accessions	Separations	
		Total	Quits		Total	Quits
MANUFACTURING	3.4	3.4	1.2	4.9	4.5	1.8
DURABLE GOODS	3.5	3.3	1.1	4.4	3.7	1.5
Ordnance and accessories	1.7	3.0	.8	2.2	3.7	1.0
Lumber and wood products, except furniture	5.6	7.0	2.1	3.7	4.4	1.6
Furniture and fixtures	4.6	4.5	2.4	4.6	3.9	1.9
Stone, clay, and glass products	3.1	4.3	1.0	4.2	3.8	1.2
Primary metal industries	2.8	2.0	.8	2.5	2.4	1.2
Fabricated metal products	4.1	3.7	1.3	4.6	3.9	1.6
Machinery	3.1	2.2	1.0	3.5	2.6	1.4
Electrical equipment and supplies	2.6	2.4	1.0	4.0	3.8	1.5
Transportation equipment	4.2	3.9	1.0	2.9	2.5	1.0
Instruments and related products	2.0	2.0	.9	3.6	3.3	1.4
Miscellaneous manufacturing industries	5.7	4.3	1.8	10.4	6.4	1.9
NONDURABLE GOODS	3.0	3.5	1.3	5.3	5.1	2.0
Food and kindred products	3.4	4.7	1.3	6.3	7.9	2.2
Tobacco manufactures	3.1	5.0	1.0	6.6	3.4	.9
Textile mill products	3.7	3.6	2.1	3.9	4.2	1.8
Apparel and related products	5.9	5.4	1.9	6.2	5.3	2.2
Paper and allied products	2.1	2.5	1.1	3.5	4.3	1.4
Printing, publishing, and allied industries	2.4	2.8	1.4	3.8	4.1	1.7
Chemicals and allied products	1.9	1.7	.6	2.8	3.1	1.3
Petroleum refining and related industries	1.1	1.6	.3	2.0	2.2	1.4
Rubber and miscellaneous plastic products	3.1	3.0	1.2	6.0	4.7	2.0
Leather and leather products	5.2	5.6	2.3	5.8	4.7	2.2

¹ These figures are based on a slightly smaller sample than those in tables D-1 and D-2, inasmuch as some firms do not report separate data for women.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

Table D-4: Labor turnover rates in manufacturing, 1955 to date
seasonally adjusted

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1955.....	4.1	4.3	4.7	4.5	4.6	4.3	4.2	4.6	4.5	4.6	4.7	4.3
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 ¹	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
1960.....	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.7	3.6
1961.....	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.2	3.7	4.3	4.3	4.1
1962.....	4.3	4.2	4.1	4.1	4.2	4.0	4.2	4.0	3.9	3.9	3.8	3.8
1963.....	3.8	3.8	3.8	4.0	3.9	3.9	3.9	3.8	3.8	3.9	3.7	4.0
1964.....	3.8	4.0	4.0	3.9	3.8	4.1	4.0	4.0	3.8	4.0	4.1	4.1
1965.....	4.0	4.1	4.2									
New hires												
1955.....	2.4	2.6	3.0	2.9	3.0	2.9	2.9	3.2	3.1	3.1	3.5	3.2
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	2.7
1960.....	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961.....	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.5	2.6	2.5
1962.....	2.7	2.7	2.6	2.6	2.7	2.5	2.5	2.4	2.4	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	2.6
1964.....	2.4	2.6	2.6	2.6	2.5	2.6	2.5	2.5	2.7	2.6	2.8	2.9
1965.....	2.9	3.1	3.2									
Total separations												
1955.....	3.5	3.3	3.6	3.7	3.9	4.1	4.2	4.2	4.3	4.0	3.8	3.9
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 ¹	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.....	3.5	4.1	4.4	4.4	4.3	4.4	4.4	4.3	4.3	4.3	4.4	5.0
1961.....	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.8	4.1	3.9	3.9	4.1
1962.....	3.8	4.0	4.0	3.9	4.2	4.2	4.3	4.6	4.0	4.1	3.9	3.9
1963.....	3.9	3.8	3.9	3.9	4.0	3.8	3.9	4.3	3.9	3.8	3.9	3.8
1964.....	3.9	3.9	3.9	3.8	3.9	3.9	4.2	3.8	4.1	3.9	3.6	3.8
1965.....	3.6	3.6	3.7									
Quits												
1955.....	1.5	1.6	1.7	1.8	1.8	1.8	1.9	2.0	2.1	2.0	2.1	2.0
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	1.2
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	1.5	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.4	1.3	1.5	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	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965.....	1.6	1.7	1.8									
Layoffs												
1955.....	1.5	1.4	1.5	1.4	1.4	1.7	1.9	1.6	1.4	1.5	1.3	1.4
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	2.4	2.1	2.2	2.3	2.2	1.9	2.2	1.9	1.9	2.0
1962.....	1.8	1.9	1.7	1.8	2.0	2.0	2.1	2.3	1.9	2.1	2.0	1.9
1963.....	1.9	1.8	1.8	1.9	1.9	1.8	1.9	2.0	1.9	1.8	1.8	1.7
1964.....	1.7	1.8	1.8	1.7	1.7	1.6	2.0	1.4	1.5	1.7	1.5	1.6
1965.....	1.4	1.3	1.3									

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

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

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

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	
	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965
ALABAMA ¹	3.4	3.8	2.2	2.3	2.6	3.0	1.2	1.3	0.8	1.2
Birmingham.....	2.9	3.3	1.9	1.8	1.9	2.2	.7	.7	.7	1.0
Mobile ¹	5.3	6.4	3.0	2.3	4.1	4.9	.9	1.0	2.5	3.4
ALASKA.....	9.5	10.6	6.7	4.1	5.5	6.2	3.0	2.6	1.8	2.0
ARIZONA.....	5.3	4.1	3.7	2.5	3.9	4.3	1.5	1.7	1.6	1.9
Phoenix.....	5.7	4.3	3.9	2.6	3.8	3.6	1.5	1.6	1.5	1.2
ARKANSAS.....	4.4	5.1	3.7	4.0	4.2	4.7	2.2	2.5	1.3	1.6
Fort Smith.....	5.1	5.2	4.3	4.2	4.5	6.1	2.7	3.3	1.0	2.0
Little Rock-North Little Rock.....	3.8	4.9	3.5	3.8	3.0	4.3	1.9	2.6	.4	.7
Pine Bluff.....	5.8	3.2	4.2	2.0	2.9	4.2	1.9	2.6	.8	1.2
CALIFORNIA ¹	4.4	4.1	3.0	2.7	3.9	4.5	1.4	1.5	1.7	2.2
Anaheim-Santa Ana-Garden Grove ¹	3.5	3.4	2.7	2.5	3.1	3.2	1.5	1.5	.8	.9
Los Angeles-Long Beach ¹	4.4	4.2	3.3	2.9	4.1	4.4	1.6	1.7	1.6	1.9
Sacramento ¹	3.8	1.6	1.1	.6	3.9	4.0	.9	.9	2.7	2.8
San Bernardino-Riverside-Ontario ¹	3.4	4.0	2.5	2.8	3.3	4.5	1.3	1.5	1.5	2.0
San Diego ¹	3.2	3.6	2.3	2.4	3.8	4.3	1.1	1.1	2.2	2.7
San Francisco-Oakland ¹	4.9	5.2	2.6	2.5	4.2	4.9	1.0	1.1	2.5	3.2
San Jose ¹	3.0	2.5	2.1	1.8	2.1	2.7	1.0	1.1	.6	.9
Stockton ¹	8.2	7.0	2.8	2.1	3.1	6.8	1.1	1.1	1.3	4.6
COLORADO.....	(2)	3.2	(2)	2.0	(2)	7.4	(2)	1.2	(2)	5.6
CONNECTICUT.....	2.9	3.1	2.2	2.1	2.2	2.6	1.2	1.2	.5	.7
Bridgeport.....	2.5	2.8	1.7	1.7	2.4	2.4	1.1	1.1	.9	.7
Hartford.....	2.2	2.0	1.9	1.7	1.6	2.0	.9	1.0	.2	.5
New Britain.....	3.2	4.6	2.0	2.4	2.1	2.1	1.0	1.3	.3	.3
New Haven.....	3.5	4.7	2.7	2.9	2.6	2.7	1.5	1.5	.3	.4
Stamford.....	2.4	2.3	1.9	1.8	2.0	2.8	.9	1.0	.7	1.2
Waterbury.....	2.8	2.2	1.5	1.3	2.2	2.9	1.3	1.3	.5	1.2
DELAWARE ¹	2.9	2.6	1.8	1.7	1.9	2.7	.7	1.0	.5	1.1
Wilmington ¹	2.4	2.1	1.3	1.1	1.7	2.2	.7	.8	.4	.8
DISTRICT OF COLUMBIA:										
Washington.....	2.6	2.4	2.3	2.1	2.5	2.9	1.6	1.7	.3	.5
FLORIDA.....	4.7	5.7	3.5	4.5	4.4	5.5	2.4	2.7	1.4	2.0
Jacksonville.....	8.9	5.0	4.0	3.9	5.5	11.5	2.5	2.8	2.1	8.1
Miami.....	4.2	5.6	3.8	4.8	4.0	4.7	2.3	2.4	1.1	1.3
Tampa-St. Petersburg.....	4.6	9.5	3.2	5.8	4.4	4.0	1.6	2.4	2.0	.9
GEORGIA.....	3.9	4.5	2.9	3.4	3.4	3.8	2.0	2.2	.6	.9
Atlanta ³	3.8	4.6	3.2	4.1	2.9	2.9	1.6	1.8	.5	.4
HAWAII ⁴	2.4	2.5	1.7	1.3	2.7	4.2	.9	1.0	.3	.7
IDAHO ⁵	5.1	3.8	3.7	2.4	5.1	6.2	2.0	1.4	2.5	4.2
INDIANA ¹	2.9	2.9	2.1	2.0	2.6	2.9	1.1	1.1	.9	1.2
Indianapolis ⁶	2.7	2.2	1.8	1.5	2.3	2.0	1.1	.9	.7	.7
IOWA.....	3.3	3.5	2.2	2.0	2.7	3.4	1.1	1.3	1.1	1.5
Des Moines.....	4.4	4.4	2.0	2.0	3.4	3.4	1.6	1.6	1.2	1.2
KANSAS.....	2.4	3.2	1.7	2.3	3.4	4.0	1.0	1.2	1.8	2.2
Topeka.....	4.0	4.4	3.5	4.1	1.9	2.5	1.1	1.3	.3	.5
Wichita.....	1.8	2.2	1.6	1.8	5.0	4.9	.9	1.0	3.3	3.3
KENTUCKY.....	2.8	3.1	1.9	2.0	2.7	2.9	1.0	1.1	1.2	1.2
Louisville.....	2.4	2.3	1.6	1.5	2.2	2.2	.7	.8	.9	.8
LOUISIANA.....	3.3	3.0	1.9	1.8	3.0	6.4	.9	.9	1.6	4.9
New Orleans ⁷	4.7	4.2	2.5	2.1	4.0	4.2	1.2	1.1	2.1	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	
	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965
MAINE.....	4.7	5.6	2.9	3.3	4.2	5.9	1.8	2.0	1.7	2.7
Portland.....	3.4	3.6	2.3	2.5	2.6	3.3	1.4	1.3	.9	1.5
MARYLAND.....	3.9	3.5	2.4	2.0	3.2	3.5	1.2	1.3	1.4	1.7
Baltimore.....	3.9	3.5	2.4	1.9	3.2	3.3	1.1	1.1	1.5	1.6
MASSACHUSETTS.....	3.5	3.6	2.3	2.3	3.1	3.5	1.4	1.4	1.0	1.4
Boston.....	3.4	3.2	2.2	2.2	2.9	3.3	1.2	1.3	1.0	1.2
Fall River.....	5.5	5.1	2.5	2.7	3.7	5.8	1.8	1.4	1.2	3.6
New Bedford.....	4.7	6.0	2.7	2.6	3.3	5.1	1.6	1.4	1.1	3.1
Springfield-Chicopee-Holyoke.....	2.5	3.0	1.9	1.9	2.5	2.6	1.0	1.1	.9	.8
Worcester.....	3.2	2.9	2.2	2.2	2.4	3.0	1.3	1.6	.5	.8
MICHIGAN.....	3.0	3.1	2.0	1.9	2.6	2.7	.8	.8	.6	.7
Detroit.....	2.8	2.7	1.9	1.9	2.3	2.4	.8	.8	.5	.5
Grand Rapids.....	2.9	3.2	1.8	1.6	3.4	2.9	1.0	1.1	1.3	.7
Lansing.....	3.3	3.7	2.5	2.1	2.2	3.5	.5	.8	.2	1.1
Muskegon-Muskegon Heights.....	3.8	2.5	1.8	.9	2.8	2.8	1.2	1.3	.9	1.0
Saginaw.....	4.3	4.4	2.3	3.0	4.0	3.0	.6	.6	.3	.1
MINNESOTA.....	3.8	3.9	2.0	1.9	3.1	4.0	1.0	1.2	1.5	2.1
Duluth-Superior.....	5.1	4.5	2.8	2.3	4.5	5.1	1.6	1.3	1.8	2.5
Minneapolis-St. Paul.....	3.9	4.1	2.0	2.0	3.3	3.7	1.1	1.1	1.4	1.9
MISSISSIPPI.....	4.3	4.8	3.3	3.6	3.6	3.9	2.0	2.1	1.0	1.1
Jackson.....	4.1	3.9	3.7	3.5	3.2	4.5	2.2	2.4	.4	.9
MISSOURI.....	2.9	3.0	2.0	1.9	2.6	3.0	1.1	1.2	1.0	1.4
Kansas City.....	3.0	3.2	2.4	2.3	2.8	2.8	1.1	1.0	1.2	1.4
St. Louis.....	2.6	2.6	1.7	1.6	2.3	2.8	.9	1.0	.8	1.2
MONTANA ⁵	4.1	3.9	3.3	3.4	3.0	3.7	1.3	1.4	.8	1.0
NEBRASKA.....	3.7	3.6	2.6	2.5	4.7	5.4	1.5	1.4	2.5	3.5
NEVADA.....	2.8	4.0	2.2	3.4	4.6	7.1	1.4	2.6	2.0	2.7
NEW HAMPSHIRE.....	3.2	4.2	2.5	3.0	3.5	4.0	1.9	2.0	1.1	1.2
NEW MEXICO.....	2.8	2.7	2.3	1.9	3.4	4.2	1.5	1.7	1.2	1.5
Albuquerque.....	2.2	2.5	1.7	1.4	2.6	3.2	1.2	1.2	.7	1.0
NEW YORK.....	3.9	4.0	2.4	2.3	3.1	4.1	1.0	1.1	1.4	2.3
Albany-Schenectady-Troy.....	2.6	2.5	1.4	1.5	2.1	2.4	.6	.8	.6	.6
Binghamton.....	2.2	2.1	1.5	1.3	1.8	2.3	1.0	1.0	.2	.8
Buffalo.....	2.8	2.9	1.7	1.6	2.1	2.5	.6	.6	1.0	1.3
Elmira.....	3.0	2.3	1.4	1.3	2.4	2.8	.8	.9	.7	1.2
Nassau and Suffolk Counties ⁸	3.7	3.9	2.5	2.5	2.8	3.5	1.2	1.1	1.0	1.8
New York SMSA.....	4.5	5.0	2.9	2.8	3.6	4.8	1.1	1.3	1.8	2.7
New York City ⁸	5.0	5.3	3.0	2.9	3.9	5.5	1.1	1.3	2.1	3.3
Rochester.....	2.7	2.3	2.0	1.7	2.5	4.2	1.0	1.0	1.0	2.5
Syracuse.....	2.1	2.0	1.3	1.0	2.1	2.1	.9	.9	.6	.6
Utica-Rome.....	3.2	4.5	1.2	1.4	2.6	2.8	.8	.7	1.2	1.5
Westchester County ⁸	3.7	4.5	2.5	2.7	4.0	3.8	1.0	1.2	2.3	1.9
NORTH CAROLINA.....	3.1	3.5	2.5	2.7	3.2	3.4	1.9	2.1	.8	.6
Charlotte.....	3.3	3.3	2.7	2.7	2.7	4.7	2.1	2.4	.2	1.1
Greensboro-High Point.....	3.6	3.9	3.1	3.3	3.0	3.6	2.1	2.4	.2	.3
NORTH DAKOTA.....	3.1	4.0	2.3	2.4	2.3	2.6	.7	.8	1.2	1.1
Fargo-Moorhead.....	3.4	3.5	1.5	1.6	2.1	15.7	.6	1.2	1.2	13.8

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	
Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	
OHIO.....	2.8	2.8	1.8	1.7	2.2	2.5	0.8	0.9	0.9	1.1
Akron.....	2.0	1.9	1.4	1.3	1.6	1.9	.6	.8	.2	.5
Canton.....	3.0	2.3	1.9	1.4	2.6	3.0	.9	.9	.6	1.1
Cincinnati.....	2.3	3.2	1.3	1.8	2.0	2.7	.6	.7	.9	1.3
Cleveland.....	2.9	2.8	2.1	2.0	2.5	2.5	1.1	1.0	.8	.8
Columbus.....	3.0	2.9	2.1	1.9	2.1	2.4	.8	.9	.8	1.0
Dayton.....	2.4	2.1	1.8	1.6	2.1	2.7	.7	1.0	.6	1.0
Toledo.....	3.4	2.5	1.9	1.4	2.9	2.6	.7	.6	1.5	1.4
Youngstown-Warren.....	3.1	3.1	2.1	1.9	2.1	2.4	.6	.9	.8	.7
OKLAHOMA ⁹	3.3	3.3	2.4	2.5	3.0	3.6	1.5	1.6	1.0	1.5
Oklahoma City.....	3.9	3.7	2.2	2.6	3.4	4.5	1.6	1.7	1.2	2.3
Tulsa ⁹	3.2	4.1	3.0	3.6	3.4	3.3	1.6	1.8	1.1	.9
OREGON ¹	4.9	4.6	3.5	3.2	4.3	5.2	1.8	1.6	1.8	2.9
Portland ¹	4.2	4.8	3.2	3.4	3.7	4.1	1.4	1.5	1.6	2.0
PENNSYLVANIA.....	3.1	3.4	1.8	1.8	2.4	3.0	.9	1.0	1.0	1.5
Allentown-Bethlehem-Easton.....	3.8	3.9	2.6	2.4	2.8	2.7	1.3	1.2	1.0	1.0
Erie.....	3.3	4.7	2.1	2.1	2.8	2.4	.8	.8	1.4	1.1
Harrisburg.....	2.9	3.5	1.6	1.3	2.4	3.6	.6	.9	1.0	1.8
Lancaster.....	2.6	3.5	2.0	2.5	2.3	2.6	1.3	1.6	.6	.7
Philadelphia.....	2.7	2.7	1.6	1.6	2.4	3.0	.8	.9	1.0	1.5
Pittsburgh.....	2.2	2.4	1.1	1.1	1.5	2.0	.4	.4	.6	1.0
Reading.....	3.8	4.3	2.6	2.5	2.9	3.0	1.3	1.3	1.2	1.2
Scranton.....	4.4	4.1	2.1	2.2	3.1	4.1	1.1	1.2	1.5	2.5
Wilkes-Barre-Hazleton.....	4.6	5.4	2.3	2.6	2.8	4.7	1.2	1.4	1.1	2.7
York.....	3.9	4.4	3.3	3.2	3.5	4.0	1.8	1.8	1.2	1.7
RHODE ISLAND.....	5.4	5.8	3.7	3.8	4.2	5.5	2.2	2.4	1.2	2.2
Providence-Pawtucket-Warwick.....	5.2	5.3	3.7	3.5	4.1	5.2	2.2	2.2	1.1	2.1
SOUTH CAROLINA ¹⁰	3.8	4.0	3.1	3.2	2.9	3.4	2.1	2.3	.3	.5
Charleston.....	7.3	7.2	5.9	4.9	4.1	4.3	2.5	2.2	1.1	1.3
SOUTH DAKOTA.....	3.7	3.9	1.5	1.6	4.7	5.0	1.4	1.6	3.1	3.0
Sioux Falls.....	4.9	4.3	2.2	1.3	5.4	3.6	1.0	1.2	4.2	2.2
TENNESSEE ¹⁰	2.9	4.0	2.1	2.3	2.6	2.9	1.1	1.2	1.0	1.1
Chattanooga ⁷	3.1	3.7	2.2	2.4	2.5	2.7	.9	1.2	.9	.9
Knoxville.....	1.3	2.2	.8	1.2	1.2	1.7	.6	.7	.4	.7
Memphis.....	3.5	4.3	2.5	3.2	3.8	4.4	1.3	1.4	1.6	1.8
Nashville.....	4.0	3.4	3.3	2.9	2.7	2.9	1.5	1.7	.7	.7
TEXAS ¹¹	3.3	3.5	2.6	2.6	2.7	3.2	1.5	1.6	.6	1.0
Dallas ¹¹	3.2	4.1	2.8	3.4	2.9	3.3	1.8	2.0	.5	.8
Fort Worth ¹¹	3.5	2.5	2.8	1.9	3.3	4.1	1.8	1.7	.7	1.8
Houston ¹¹	2.9	3.4	2.7	2.9	2.5	2.7	1.4	1.7	.4	.4
San Antonio ¹¹	3.2	4.0	1.5	3.6	2.6	4.1	1.5	1.8	.8	1.7
UTAH ⁵	2.8	3.3	1.7	1.7	3.3	4.3	1.1	1.2	1.7	2.4
Salt Lake City ⁵	2.6	2.4	1.9	1.6	3.1	4.2	1.2	1.1	1.5	2.3
VERMONT.....	3.8	3.4	2.6	2.4	2.7	3.1	1.3	1.3	.9	1.2
Burlington.....	5.9	4.6	4.0	3.3	2.3	3.1	1.5	1.4	.5	1.3
Springfield.....	1.9	2.1	1.7	1.7	1.3	1.9	.8	1.3	.2	.1
VIRGINIA.....	3.3	3.4	2.4	2.3	3.3	3.2	1.5	1.5	1.2	1.1
Norfolk-Portsmouth.....	4.4	4.1	2.8	2.6	2.9	2.2	1.2	.9	1.2	.7
Richmond.....	3.0	3.3	2.6	2.7	3.4	3.1	1.6	1.7	1.1	.7
Roanoke.....	2.3	2.7	1.9	2.2	2.6	2.7	1.4	1.4	.4	.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

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965	Feb. 1965	Jan. 1965
WASHINGTON ¹²	3.9	4.7	2.2	2.4	3.1	5.8	1.2	1.3	1.4	3.9
Seattle-Everett ¹²	3.4	3.8	2.0	2.4	2.7	3.1	1.0	1.0	1.1	1.4
Spokane ¹²	3.9	4.3	1.9	1.3	3.3	3.8	.7	.7	2.2	2.6
Tacoma ¹²	3.7	4.6	2.3	2.7	3.1	4.4	1.4	1.5	1.3	2.3
WEST VIRGINIA.....	2.6	2.3	1.2	1.2	2.1	3.2	.5	.7	1.0	1.8
Charleston.....	1.4	2.0	.4	.9	1.7	2.0	.3	.3	1.1	.7
Huntington-Ashland.....	2.2	2.2	1.4	1.3	1.9	2.0	.4	.7	1.1	1.0
Wheeling.....	4.0	2.4	1.0	.6	3.0	3.5	.3	.5	1.7	2.3
WISCONSIN.....	3.3	3.3	2.4	2.2	2.8	3.7	1.2	1.3	.9	1.6
Green Bay.....	1.5	1.9	1.4	1.5	2.8	2.4	.7	.8	1.8	1.2
Kenosha.....	2.3	2.1	.9	.7	3.6	5.3	.6	.6	2.5	4.3
La Crosse.....	5.8	5.3	5.0	3.1	3.0	2.2	.9	1.2	1.2	.4
Madison.....	2.1	3.1	1.7	1.4	4.0	4.3	1.3	1.5	2.5	2.5
Milwaukee.....	3.3	3.0	2.4	2.2	2.5	3.7	1.2	1.3	.4	1.6
Racine.....	4.5	4.5	4.0	3.7	3.3	3.4	1.4	1.7	1.0	.9
WYOMING ⁵	2.6	3.8	2.2	3.2	6.1	5.0	1.6	1.4	3.9	2.8

¹ Excludes canning and preserving.

² Not available.

³ Excludes agricultural chemicals and miscellaneous manufacturing.

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

⁵ Excludes canning and preserving, and sugar.

⁶ Excludes canning and preserving, and newspapers.

⁷ Excludes printing and publishing.

⁸ Subarea of New York Standard Metropolitan Statistical Area.

⁹ Excludes new-hire rate for transportation equipment.

¹⁰ Excludes tobacco stemming and redrying.

¹¹ Excludes canning and preserving, sugar, and tobacco.

¹² Excludes canning and preserving, printing and publishing.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

STATES and AREAS

Employment - Hours - Earnings - Labor Turnover 1962 - 64

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ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table 1. Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962
1	ALABAMA.....	838.9	812.5	791.8	8.6	9.0	10.3	48.1	42.9	40.6	257.7	247.4	240.3
2	Birmingham.....	205.5	200.4	197.0	4.4	4.4	5.7	11.3	10.5	10.3	62.0	60.0	58.3
3	Huntsville.....	67.5	59.0	51.4	(1)	(1)	(1)	5.1	4.5	3.6	11.2	9.3	7.7
4	Mobile ²	103.2	102.3	91.4	(1)	(1)	(1)	6.6	5.9	4.5	19.9	19.6	15.8
5	ALASKA.....	64.3	62.1	58.9	1.3	1.2	1.2	5.6	4.2	4.0	5.7	5.7	5.5
6	ARIZONA.....	388.2	377.2	364.8	15.0	15.0	15.4	28.0	28.3	30.9	58.8	58.0	55.2
7	Phoenix.....	223.4	212.1	201.2	.2	.2	.3	16.6	16.2	15.5	43.9	41.1	38.7
8	Tucson.....	76.1	78.3	79.5	3.2	3.2	3.4	6.0	6.5	9.8	6.6	9.3	9.2
9	ARKANSAS.....	428.6	414.9	396.8	4.8	5.1	5.3	26.9	27.1	24.6	125.7	119.4	113.2
10	Fayetteville.....	17.5	16.6	15.3	(1)	(1)	(1)	1.0	1.0	.8	5.0	4.6	4.5
11	Fort Smith ²	37.5	37.1	28.2	.5	.4	.2	2.5	2.5	1.5	12.2	12.1	10.8
12	Little Rock-N. Little Rock.....	93.5	90.4	85.8	(1)	(1)	(1)	7.3	7.2	5.9	18.0	16.9	16.0
13	Pine Bluff.....	20.2	19.4	18.5	(1)	(1)	(1)	1.2	1.3	1.2	5.3	5.2	5.1
14	CALIFORNIA.....	5,586.6	5,404.5	5,218.4	30.0	29.7	30.2	338.2	319.7	299.5	1,392.1	1,396.6	1,383.2
15	Anaheim-Santa Ana- Garden Grove.....	274.0	251.2	221.2	1.6	1.6	1.6	25.0	22.4	19.1	90.9	88.3	77.5
16	Bakersfield.....	76.4	74.5	71.9	6.7	6.8	6.9	3.8	3.8	3.9	7.9	7.5	6.9
17	Fresno.....	96.1	92.4	88.6	1.0	.9	.9	5.3	5.1	4.9	15.9	15.0	14.5
18	Los Angeles-Long Beach... Sacramento.....	2,417.3	2,354.4	2,295.1	10.0	10.0	10.4	128.5	119.6	113.2	743.2	755.5	756.3
19	San Bernardino-Riverside- Ontario.....	223.6	216.4	205.7	.3	.3	.3	14.7	14.4	12.0	35.6	36.7	34.7
20	San Diego.....	228.6	216.3	204.6	1.4	1.3	1.3	17.0	16.5	15.0	33.2	37.8	36.8
21	San Francisco-Oakland.... San Jose.....	261.5	260.4	261.5	.4	.4	.5	15.3	14.9	16.0	51.1	56.6	62.1
22	Stockton.....	1,047.3	1,019.2	997.7	1.9	1.6	1.6	64.9	63.5	58.0	194.7	195.0	196.3
23	Vallejo-Napa.....	260.2	247.7	229.5	.1	.1	.1	19.2	18.0	16.0	85.6	87.0	84.0
24	Waterbury.....	69.0	66.3	64.1	.1	.1	.1	3.7	3.5	3.3	14.0	13.2	12.9
25	Denver.....	52.6	51.0	50.5	.2	.2	.2	2.4	2.3	2.1	5.1	4.7	4.9
26	COLORADO.....	573.1	564.0	550.5	11.8	12.0	12.7	37.8	36.9	35.8	90.5	93.4	93.0
27	Bridgeport.....	366.9	364.3	359.2	3.1	3.5	3.9	22.8	23.5	24.8	65.4	69.0	68.9
28	CONNECTICUT.....	989.6	969.1	949.8	(3)	(3)	(3)	48.3	45.7	44.9	421.1	420.8	418.3
29	Bartford.....	133.9	129.8	125.7	(3)	(3)	(3)	5.6	5.1	4.9	69.4	69.2	66.8
30	New Britain.....	258.9	254.1	250.3	(3)	(3)	(3)	11.6	11.9	11.4	93.4	92.8	92.5
31	New Haven.....	41.0	40.7	39.9	(3)	(3)	(3)	1.5	1.4	1.3	23.5	23.8	23.2
32	Stamford.....	134.5	130.8	127.9	(3)	(3)	(3)	8.2	7.8	7.2	42.6	43.4	44.1
33	Waterbury.....	64.1	63.9	62.9	(3)	(3)	(3)	3.5	3.3	3.6	22.7	23.9	24.6
34	Wilmington.....	68.6	68.2	67.9	(3)	(3)	(3)	2.1	1.9	1.9	37.1	37.8	38.2
35	DELAWARE.....	168.9	163.4	156.1	(1)	(1)	(1)	12.4	12.0	11.2	61.4	58.9	55.7
36	DISTRICT OF COLUMBIA ⁴ ... Washington.....	154.9	149.2	143.0	(1)	(1)	(1)	9.9	9.6	9.1	61.4	60.0	57.4
37	FLORIDA.....	597.3	584.9	567.2	(1)	(1)	(1)	25.4	24.4	23.3	20.0	19.8	19.9
38	Jacksonville.....	878.5	847.7	809.1	(1)	(1)	(1)	64.2	62.2	58.3	38.2	37.1	37.0
39	Miami.....	1,529.9	1,447.4	1,387.8	9.6	8.8	8.5	127.6	117.5	110.1	238.4	228.5	222.2
40	Tampa-St. Petersburg.....	156.1	150.3	148.5	(1)	(1)	(1)	10.7	9.9	10.3	21.5	20.6	20.6
41	ATLANTA.....	340.5	327.6	318.0	(1)	(1)	(1)	20.5	20.5	20.6	50.9	47.6	45.9
42	GEORGIA.....	223.9	213.0	205.6	(1)	(1)	(1)	18.6	18.2	18.5	40.1	37.9	36.6
43	Atlanta.....	1,181.1	1,139.7	1,092.7	5.6	5.7	5.4	65.5	63.2	57.5	377.0	362.9	349.6
44	Savannah.....	445.3	424.2	397.2	(1)	(1)	(1)	29.3	26.1	22.5	95.9	96.2	90.2
45	HAWAII.....	54.4	53.8	52.3	(1)	(1)	(1)	2.8	2.7	2.8	14.5	14.5	14.3
46	Honolulu.....	206.6	199.6	195.2	(1)	(1)	(1)	16.2	15.1	15.1	25.0	25.0	25.0
47	IDAHO.....	174.5	168.2	165.0	(1)	(1)	(1)	13.6	12.9	13.1	17.8	17.2	16.9
48	Boise.....	167.4	164.7	164.6	3.3	3.2	3.3	8.7	8.7	11.5	31.5	30.4	30.5
49	ILLINOIS.....	30.1	29.6	28.7	(1)	(1)	(1)	2.0	2.0	2.1	3.1	2.9	2.9
50	Chicago.....	3,683.6	3,599.0	3,557.0	25.4	26.5	27.2	152.4	150.6	153.4	1,233.8	1,203.8	1,199.3
51	Davenport-Rock Island- Moline.....	2,554.0	2,508.5	2,494.7	6.4	6.3	6.5	97.9	98.7	103.7	864.8	851.6	856.2
52	Peoria.....	117.4	111.4	107.0	(3)	(3)	(3)	5.8	5.6	5.2	44.7	41.1	38.6
53	Rockford.....	108.6	104.1	101.6	(3)	(3)	(3)	6.7	5.9	6.0	41.7	40.1	39.0
54	Rockford.....	86.6	82.6	80.7	(3)	(3)	(3)	3.9	3.9	3.8	45.5	43.2	42.7

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	
49.0	49.1	48.5	160.7	157.0	153.0	35.2	34.3	33.5	105.9	102.8	97.7	173.7	170.0	167.8	1
16.2	16.1	15.7	47.7	47.4	47.0	14.4	14.2	14.0	26.4	25.7	24.8	23.1	22.1	21.2	2
1.8	1.5	1.3	10.3	8.7	7.6	1.5	1.4	1.1	13.0	10.8	8.3	24.6	22.8	21.8	3
9.9	10.0	9.6	22.4	22.2	19.6	4.3	4.3	4.0	13.8	13.2	11.3	26.3	27.1	26.6	4
6.8	6.9	7.1	8.5	8.6	8.2	1.9	1.9	1.7	6.7	6.5	6.2	27.8	27.1	25.0	5
25.0	25.0	24.8	92.5	89.8	85.7	21.0	19.9	18.8	62.8	59.6	56.3	85.1	81.6	77.7	6
13.6	13.6	13.5	57.3	54.8	51.6	14.8	14.1	13.4	36.6	34.2	32.2	40.4	37.9	36.0	7
5.4	5.4	5.3	17.2	17.4	17.3	4.0	3.7	3.4	13.9	13.9	13.6	19.8	18.9	17.5	8
29.3	28.7	28.2	92.1	88.8	84.9	17.0	16.0	15.1	57.3	55.1	51.8	75.5	74.7	73.7	9
1.5	1.4	1.2	3.9	3.7	3.4	.4	.5	.4	2.2	2.0	1.8	3.5	3.5	3.2	10
2.7	2.6	1.8	8.3	8.2	6.3	1.2	1.2	.8	5.0	4.9	3.5	5.1	5.2	3.2	11
8.1	8.0	7.9	21.0	20.4	19.4	7.3	6.8	6.4	14.2	13.7	13.0	17.6	17.4	17.2	12
2.6	2.5	2.5	3.9	3.8	3.7	.8	.7	.6	2.5	2.3	2.1	3.8	3.6	3.3	13
371.6	360.3	357.0	1,220.1	1,169.1	1,121.4	306.7	290.3	273.6	882.7	836.5	790.7	1,045.2	1,002.3	962.8	14
8.9	8.3	7.7	56.8	51.0	45.0	12.1	10.6	8.6	39.6	34.3	30.7	39.1	34.7	31.0	15
5.8	5.7	5.7	17.3	16.9	16.2	2.9	2.8	2.5	10.9	10.5	9.8	21.1	20.5	20.0	16
8.0	7.7	7.6	26.0	25.7	25.1	4.6	4.4	4.0	15.1	14.5	13.5	20.2	19.1	18.1	17
143.0	138.3	135.8	535.4	513.9	494.7	140.4	133.1	125.9	396.1	378.9	364.1	315.7	305.1	294.7	18
17.0	16.6	16.6	45.4	42.7	40.6	9.4	9.0	8.4	25.1	23.8	22.4	76.1	72.9	70.7	19
16.5	15.6	15.0	49.5	46.2	43.9	8.9	8.3	7.5	36.4	34.0	30.6	59.7	56.6	54.5	20
14.7	14.0	13.8	57.5	55.6	53.9	12.4	11.9	11.3	46.0	43.7	42.1	64.1	63.3	61.8	21
103.2	101.2	102.1	231.7	224.3	219.6	79.7	77.2	75.6	160.4	153.4	147.6	210.8	203.0	196.9	22
10.9	10.1	9.6	46.2	42.0	39.2	10.0	9.2	8.4	47.9	44.5	38.8	40.3	36.8	33.4	23
5.8	5.7	5.7	16.2	16.0	15.7	2.5	2.3	2.1	9.8	9.2	8.5	16.9	16.3	15.8	24
2.7	2.8	2.5	9.3	8.6	8.1	1.6	1.7	1.5	7.1	6.7	6.3	24.2	24.0	24.9	25
44.5	44.1	44.0	135.1	131.8	128.9	30.6	29.3	28.2	92.0	89.0	85.5	130.8	127.5	122.4	26
30.2	30.1	30.5	91.3	89.1	87.5	23.3	22.6	21.6	62.3	59.6	57.4	68.5	66.9	64.6	27
45.7	45.1	44.7	176.3	171.0	166.7	58.0	57.0	55.8	131.6	126.3	120.8	108.6	103.3	98.7	28
5.7	5.6	5.5	23.3	22.3	21.7	4.1	3.7	3.6	14.9	13.8	13.2	10.9	10.2	10.1	29
9.6	9.4	9.3	49.1	48.0	47.4	33.5	33.2	32.8	33.0	32.3	31.0	28.7	26.5	25.8	30
1.8	1.8	1.8	6.1	5.9	5.9	.9	.9	.9	4.0	3.9	3.9	3.2	3.0	3.0	31
12.5	12.5	12.5	25.9	25.0	24.2	7.4	7.1	6.7	24.5	22.9	21.5	13.5	12.2	11.7	32
2.9	2.8	2.7	13.9	13.4	12.9	2.7	2.6	2.6	12.4	11.8	11.1	6.2	6.1	5.5	33
2.7	2.8	2.8	10.2	10.0	9.9	1.8	1.7	1.7	8.1	7.8	7.6	6.6	6.3	5.9	34
10.0	10.3	10.6	32.4	31.7	30.2	6.7	6.5	6.3	22.3	21.6	21.0	23.7	22.6	20.9	35
8.7	8.8	9.0	28.9	27.0	25.8	6.2	5.8	5.6	19.8	19.2	18.7	20.0	18.9	17.4	36
29.7	29.3	29.3	86.8	85.7	85.1	30.7	29.7	29.0	107.6	105.0	100.6	297.2	291.1	280.0	37
47.2	46.1	45.0	170.0	161.9	156.6	51.1	48.2	45.6	172.0	165.1	152.9	335.8	327.0	313.9	38
107.1	101.7	100.3	409.3	387.1	376.5	94.8	91.3	87.9	268.3	250.0	234.9	274.8	262.5	247.4	39
16.4	16.0	15.6	43.8	42.1	41.9	14.6	14.2	14.1	22.9	21.6	20.7	26.2	25.9	25.3	40
35.4	33.1	32.8	94.5	91.7	89.8	24.1	23.2	22.5	71.7	69.4	66.6	43.4	42.1	39.8	41
16.5	15.6	15.2	65.1	61.5	60.2	13.5	13.0	12.3	36.6	34.8	32.6	33.5	32.0	30.2	42
79.4	76.4	73.8	247.9	239.0	229.6	58.1	56.3	53.3	136.8	132.2	126.3	210.8	204.0	197.2	43
41.4	39.0	37.2	117.5	111.8	104.7	32.3	31.3	29.9	62.4	58.9	55.7	62.5	60.9	57.0	44
6.1	6.3	6.0	12.1	11.6	11.5	2.8	2.9	2.8	7.3	7.1	7.0	8.8	8.7	7.9	45
15.5	15.4	15.1	47.3	46.0	45.3	12.1	11.0	10.8	36.3	34.2	32.7	54.2	52.9	51.2	46
13.2	12.9	12.8	40.4	39.5	39.0	11.3	10.2	10.0	31.3	29.6	28.8	46.9	45.9	44.4	47
14.1	14.2	14.3	41.0	40.4	39.8	6.8	6.6	6.3	23.9	23.4	22.5	38.1	37.8	36.4	48
2.7	2.7	2.8	8.3	8.4	8.2	2.2	2.1	1.9	4.5	4.3	4.2	7.3	7.2	6.6	49
271.2	271.9	272.8	789.0	767.8	753.3	198.2	195.6	193.7	539.4	523.6	510.3	474.2	459.3	447.0	50
192.6	192.6	193.4	559.0	545.7	537.4	156.0	154.9	153.5	404.4	392.6	384.0	272.9	266.1	260.1	51
6.4	6.5	6.6	23.7	23.2	22.1	4.6	4.4	4.3	13.7	13.1	12.8	18.6	17.6	17.4	52
6.4	6.5	6.4	23.4	22.6	22.1	4.1	4.0	4.0	14.2	13.6	13.2	12.1	11.4	10.9	53
3.0	3.0	3.1	15.7	15.1	14.5	2.7	2.7	2.6	9.6	9.2	8.7	6.2	5.5	5.3	54

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table 1. Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962
1	INDIANA.....	1,532.0	1,498.7	1,461.3	8.8	9.1	9.4	67.5	60.8	57.2	625.6	614.5	601.8
2	Evansville ²	75.0	71.2	64.3	2.3	2.2	1.6	3.9	3.1	2.6	27.8	26.4	24.2
3	Fort Wayne.....	92.7	89.9	88.9	(1)	(1)	(1)	4.5	4.3	4.0	37.2	36.4	36.9
	Gary-Hammond-East												
4	Chicago.....	193.7	183.3	-	(1)	(1)	(1)	11.5	7.9	-	102.7	98.9	-
5	Indianapolis ²	344.0	338.6	300.5	(1)	(1)	(1)	14.2	14.3	13.0	116.7	114.2	102.0
6	South Bend ²	84.6	88.3	79.5	(1)	(1)	(1)	3.0	3.0	2.7	33.1	38.3	35.0
7	Terre Haute.....	45.2	45.0	-	1.1	1.5	-	1.6	1.8	-	12.5	12.2	-
8	IOWA.....	717.5	701.2	686.4	3.3	3.2	3.3	36.0	33.7	32.1	181.8	178.5	174.3
9	Cedar Rapids.....	53.9	52.6	50.6	(1)	(1)	(1)	2.2	2.1	2.1	22.9	22.4	21.0
10	Des Moines.....	104.2	103.7	102.0	(1)	(1)	(1)	4.4	4.3	4.0	21.7	21.4	21.1
11	KANSAS.....	582.3	572.8	572.1	14.8	15.0	15.5	30.8	33.6	36.6	119.4	115.6	118.0
12	Topeka.....	51.0	49.9	49.0	.1	.1	.1	2.9	2.9	2.9	5.9	6.8	6.8
13	Wichita ²	129.0	126.1	119.3	3.0	2.7	1.5	5.2	5.8	5.4	45.6	42.4	43.3
14	KENTUCKY.....	725.6	702.9	674.4	29.8	30.5	30.0	43.8	42.9	40.5	192.8	182.9	174.9
15	Louisville.....	260.1	251.5	245.4	(1)	(1)	(1)	13.0	13.2	13.0	90.2	87.0	84.4
16	LOUISIANA.....	857.2	817.0	794.9	46.3	43.8	44.0	67.0	55.8	53.3	153.7	145.9	139.0
17	Baton Rouge.....	75.9	72.7	71.4	.2	.2	.3	7.4	6.7	6.8	15.5	15.8	16.3
18	New Orleans ⁵	320.7	297.6	286.9	10.5	9.5	9.2	23.1	19.1	18.1	54.7	48.8	44.6
19	Shreveport.....	75.6	74.2	74.2	5.4	5.2	5.5	5.8	5.4	5.7	9.8	9.5	9.2
20	MAINE.....	283.1	278.8	279.0	(1)	(1)	(1)	13.0	12.5	13.1	103.7	102.8	104.3
21	Lewiston-Auburn.....	24.8	25.6	26.3	(1)	(1)	(1)	1.1	1.0	1.2	12.0	12.9	13.5
22	Portland.....	55.4	54.8	54.6	(1)	(1)	(1)	3.3	3.1	3.0	13.3	13.1	13.5
23	MARYLAND ⁴	1,012.8	979.3	948.8	2.5	2.5	2.6	76.5	69.9	67.1	257.3	259.7	257.9
24	Baltimore.....	644.4	634.7	623.3	.9	.9	.9	39.0	37.4	37.4	186.1	189.0	188.4
25	MASSACHUSETTS.....	1,963.4	1,955.8	1,958.0	(1)	(1)	(1)	85.5	81.4	79.7	647.3	663.5	687.6
26	Boston.....	1,108.7	1,100.6	1,095.4	(1)	(1)	(1)	51.8	48.4	47.2	274.5	284.6	294.0
27	Fall River.....	42.0	42.9	43.6	(1)	(1)	(1)	(1)	(1)	(1)	21.5	23.3	24.1
28	New Bedford.....	49.7	50.5	50.5	(1)	(1)	(1)	1.5	1.5	1.6	25.7	26.5	26.9
	Springfield-Chicopee-												
29	Holyoke.....	173.8	171.3	174.0	(1)	(1)	(1)	6.4	5.3	5.6	68.8	67.2	70.0
30	Worcester.....	116.5	114.9	117.5	(1)	(1)	(1)	4.6	4.2	4.2	47.6	47.5	51.5
31	MICHIGAN.....	2,472.1	2,397.3	2,335.5	12.8	12.9	13.1	101.4	93.5	88.0	1,006.6	976.4	943.6
32	Ann Arbor.....	82.1	79.3	76.0	(1)	(1)	(1)	2.3	2.0	2.1	28.8	27.7	26.8
33	Detroit.....	1,253.2	1,207.2	1,164.8	.9	.8	.8	50.4	46.7	41.6	522.3	502.7	479.7
34	Flint.....	136.5	134.1	130.0	(1)	(1)	(1)	4.5	3.8	4.0	74.7	75.2	72.7
35	Grand Rapids.....	155.1	151.8	148.3	(1)	(1)	(1)	7.6	7.6	7.7	67.6	65.9	63.9
36	Lansing.....	96.8	93.6	91.2	(1)	(1)	(1)	3.9	4.0	3.7	32.0	30.0	29.1
37	Muskegon-Muskegon Heights	44.8	46.0	45.4	(1)	(1)	(1)	1.3	1.2	1.2	23.8	25.0	24.8
38	Saginaw.....	58.6	56.2	54.8	(1)	(1)	(1)	2.7	2.6	2.5	26.9	25.2	24.3
39	MINNESOTA.....	1,027.4	1,002.8	985.6	13.4	13.1	14.5	54.3	52.9	53.6	246.5	242.7	239.6
40	Duluth-Superior.....	49.1	49.2	49.0	(1)	(1)	(1)	2.1	2.2	2.3	9.3	9.0	8.6
41	Minneapolis-St. Paul.....	611.0	598.1	587.9	(1)	(1)	(1)	32.2	32.2	31.9	162.8	160.2	158.6
42	MISSISSIPPI.....	460.2	443.7	425.7	6.3	6.4	6.2	26.5	25.1	23.1	140.3	134.1	127.6
43	Jackson.....	72.8	70.6	69.9	1.0	1.1	1.1	5.0	4.4	4.4	11.5	11.3	11.8
44	MISSOURI.....	1,409.0	1,378.4	1,352.1	7.5	7.1	6.9	71.6	68.2	65.0	401.1	393.8	387.4
45	Kansas City.....	427.1	420.4	413.0	.6	.6	.7	22.2	23.2	22.1	111.9	109.4	108.8
46	St. Louis ²	779.8	757.5	726.5	2.8	2.8	2.5	41.3	37.1	34.8	268.1	261.2	249.2
47	MONTANA.....	174.3	174.6	171.7	7.5	7.1	6.8	10.7	12.3	12.6	21.9	22.4	22.0
48	Billings.....	24.7	23.7	22.8	(1)	(1)	(1)	1.9	1.6	1.3	3.2	2.8	2.5
49	Great Falls.....	21.7	23.6	24.3	(1)	(1)	(1)	1.9	2.5	3.2	3.1	4.2	4.3
50	NEBRASKA.....	402.1	398.7	393.4	2.0	2.1	2.3	22.9	24.7	24.0	67.5	66.5	67.9
51	Omaha.....	169.5	168.3	168.1	(3)	(3)	(3)	9.2	10.3	10.8	35.6	35.1	36.5
52	NEVADA.....	149.3	143.0	126.6	3.0	3.0	3.0	14.2	15.9	12.3	6.8	6.7	6.0
53	Reno.....	43.0	40.3	36.5	(6)	(6)	(6)	4.8	4.4	3.8	2.4	2.4	2.2
54	NEW HAMPSHIRE.....	209.1	205.4	204.6	.3	.3	.3	9.9	9.5	9.8	85.5	85.9	88.6
55	Manchester.....	43.6	43.4	43.4	(1)	(1)	(1)	2.2	2.1	2.3	16.7	17.1	17.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division--Continued
(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	
88.6	89.2	89.5	298.6	296.8	289.9	63.2	62.1	60.6	160.6	156.5	151.5	219.1	209.7	201.3	1
4.8	4.8	4.3	16.3	15.4	14.4	2.8	2.7	2.4	9.7	9.3	8.8	7.4	7.4	6.0	2
6.6	6.7	6.8	20.4	20.0	19.5	4.9	4.8	4.7	11.2	10.4	9.9	7.9	7.3	7.1	3
12.3	12.0	-	29.7	28.9	-	5.2	5.0	-	16.5	15.3	-	15.8	15.3	-	4
24.0	24.2	21.6	75.5	74.7	67.0	23.0	22.4	20.7	38.2	37.2	32.3	52.4	51.7	43.9	5
4.3	4.2	3.8	17.8	17.3	15.8	4.7	4.6	4.2	13.7	13.1	11.6	8.0	7.8	6.4	6
4.2	4.3	-	11.5	11.5	-	1.6	1.5	-	5.1	5.0	-	7.6	7.2	-	7
48.8	49.4	49.7	175.9	172.2	169.6	34.7	33.8	32.9	104.4	101.2	99.2	132.5	129.2	125.2	8
2.9	2.9	2.9	11.5	11.2	10.9	2.5	2.5	2.4	6.7	6.6	6.4	5.1	5.0	4.8	9
7.8	8.1	8.3	26.9	26.7	26.8	12.1	12.0	11.7	16.5	16.2	15.5	15.1	15.2	14.7	10
51.0	52.0	52.1	135.0	132.3	131.0	25.2	24.9	24.2	80.7	77.9	74.9	125.4	121.5	119.8	11
7.0	6.9	6.9	10.8	10.3	10.1	3.0	2.9	2.8	7.9	7.7	7.3	12.6	12.5	12.3	12
7.3	7.2	6.5	28.4	28.6	26.3	5.9	6.0	5.8	18.0	17.9	16.3	15.8	15.7	14.4	13
52.9	53.0	51.7	150.4	145.6	140.6	28.8	27.7	26.8	98.3	95.1	89.3	128.7	125.2	120.6	14
20.6	20.3	20.3	56.5	54.5	53.6	13.7	13.1	12.7	37.4	35.9	34.4	28.8	27.5	27.0	15
82.2	79.1	78.4	189.2	183.6	180.3	39.3	37.9	36.5	116.5	112.6	109.0	163.0	158.3	154.4	16
4.5	4.3	4.4	16.4	15.4	15.0	3.9	3.8	3.7	10.1	9.5	9.1	17.9	16.8	15.9	17
41.4	39.4	39.3	76.5	73.2	71.5	19.1	18.5	18.0	52.4	49.0	47.4	43.2	40.2	38.7	18
8.5	8.4	8.5	19.7	19.7	19.7	3.9	3.9	3.9	10.8	10.4	10.3	11.7	11.6	11.3	19
16.9	17.1	17.3	54.4	53.5	53.0	9.8	9.7	9.6	32.7	31.7	31.4	52.6	51.5	50.3	20
.9	.9	.9	5.0	5.0	5.0	.8	.8	.8	3.3	3.3	3.3	1.7	1.7	1.6	21
5.0	5.2	5.3	15.0	14.9	14.7	4.0	4.0	3.9	8.8	8.8	8.8	6.0	5.7	5.4	22
70.9	70.4	70.6	221.8	211.2	202.4	51.7	49.8	47.3	158.3	149.8	141.6	173.8	166.0	159.3	23
52.5	52.5	53.0	135.9	132.6	128.6	34.6	34.1	33.0	95.9	92.4	89.7	99.5	95.8	92.3	24
102.8	102.7	103.5	403.3	401.1	397.2	106.2	104.9	103.8	348.4	338.8	325.3	269.9	263.4	260.9	25
65.7	66.0	65.7	247.8	244.6	245.2	77.1	76.7	75.9	235.1	228.7	221.5	156.7	151.6	145.9	26
1.5	1.5	1.6	8.2	7.6	7.7	(1)	(1)	(1)	7.2	7.1	6.9	3.6	3.4	3.3	27
2.2	2.3	2.3	8.9	9.0	8.7	(1)	(1)	(1)	7.3	7.1	6.9	4.1	4.1	4.1	28
7.7	7.9	8.5	34.0	34.2	33.7	8.5	8.6	8.7	26.8	26.6	26.1	21.6	21.5	21.4	29
4.2	4.3	4.3	22.2	21.7	21.5	5.8	5.6	5.4	17.9	17.3	16.6	14.2	14.3	14.0	30
130.5	127.8	129.5	462.4	447.3	447.1	92.2	87.7	86.3	309.3	298.5	286.6	357.5	353.1	341.2	31
2.2	2.2	2.4	9.1	8.6	8.3	1.4	1.3	1.2	6.7	6.5	6.0	31.6	31.0	29.3	32
69.1	66.6	66.5	245.6	233.1	229.6	55.1	53.6	53.3	168.0	163.0	155.7	141.9	140.6	137.5	33
4.7	4.7	4.8	21.2	20.2	19.3	3.1	2.9	2.9	13.1	12.1	11.4	15.3	15.1	14.9	34
9.3	9.3	9.5	30.8	29.8	29.2	5.5	5.4	5.3	20.6	20.0	19.2	13.7	13.8	13.5	35
3.2	3.2	3.3	17.3	16.7	16.3	3.3	3.4	3.2	9.7	9.7	9.4	27.5	26.6	26.1	36
2.3	2.4	2.4	7.1	7.3	7.1	1.2	1.1	1.1	4.6	4.5	4.4	4.6	4.6	4.5	37
4.6	4.5	4.5	11.4	11.2	11.0	1.6	1.5	1.5	6.4	6.3	6.1	5.0	4.9	4.8	38
78.2	77.9	79.0	248.9	242.7	238.2	52.2	51.7	51.1	155.2	149.9	146.2	178.7	171.8	163.5	39
7.9	7.7	7.8	11.3	11.5	11.6	2.0	2.0	2.0	9.0	9.2	9.2	7.6	7.7	7.4	40
49.6	49.3	49.7	151.5	147.4	144.7	38.5	38.4	38.2	95.9	92.5	89.3	80.5	78.0	75.5	41
26.6	25.9	25.4	90.1	87.5	85.0	16.4	15.8	15.1	54.4	51.7	48.9	99.5	97.2	94.2	42
4.6	4.6	4.6	16.8	16.4	16.1	5.2	5.2	5.2	12.3	11.8	11.2	16.4	15.9	15.5	43
114.4	114.6	116.0	321.0	315.7	310.5	77.2	75.7	74.0	207.0	200.6	194.5	209.2	202.7	197.8	44
44.6	44.6	45.4	105.2	104.6	103.4	28.3	27.9	27.2	61.1	59.5	56.9	53.2	50.6	48.5	45
62.9	63.6	62.9	159.9	155.9	150.9	40.0	39.8	39.0	117.8	113.1	105.8	87.0	84.0	81.4	46
17.4	17.6	17.9	41.0	41.1	40.3	6.9	6.8	6.8	24.5	24.3	24.1	44.4	43.0	41.2	47
2.6	2.6	2.6	7.4	7.4	7.3	1.4	1.4	1.4	4.5	4.3	4.1	3.7	3.6	3.6	48
2.2	2.2	2.2	5.5	5.7	5.7	1.3	1.3	1.3	3.6	3.7	3.6	4.1	4.0	4.0	49
36.4	36.8	36.7	99.6	98.3	97.3	24.8	24.4	24.0	62.5	61.2	58.7	86.4	84.7	82.4	50
20.2	20.3	20.6	40.9	40.3	39.8	14.2	14.0	13.9	27.1	26.3	25.3	22.4	22.2	21.4	51
11.4	10.8	9.9	27.6	26.4	23.0	6.0	5.8	4.5	54.0	50.2	46.0	26.3	24.2	21.9	52
4.0	3.8	3.4	8.9	8.3	7.7	2.2	2.0	1.7	13.3	12.5	11.2	7.4	6.9	6.5	53
9.6	9.6	9.5	37.7	37.2	35.9	8.1	7.8	7.5	32.6	30.5	29.3	25.6	24.6	23.7	54
2.6	2.7	2.7	9.4	9.2	8.9	2.6	2.5	2.5	6.5	6.3	6.1	3.7	3.6	3.4	55

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table 1. Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962
1	NEW JERSEY.....	2,159.8	2,126.6	2,095.3	3.6	3.5	3.4	105.2	100.2	100.7	803.1	809.1	812.8
2	Atlantic City.....	53.2	52.4	52.0	-	-	-	3.7	3.3	3.1	8.2	8.3	8.5
3	Jersey City 7.....	249.5	251.4	255.9	-	-	-	6.1	5.7	5.7	111.4	113.8	116.8
4	Newark 7.....	689.2	681.0	672.4	.9	.8	.8	29.5	27.7	29.3	236.1	238.9	240.4
5	Paterson-Clifton-Passaic 7	401.7	395.9	383.4	.5	.5	.4	21.9	20.4	21.4	164.7	168.5	167.5
6	Perth Amboy 7.....	200.9	195.0	190.0	.7	.8	.7	9.9	9.3	9.9	94.2	92.8	90.0
7	Trenton.....	113.9	110.5	107.4	.1	.1	.1	4.8	4.1	4.1	39.4	38.7	36.6
8	NEW MEXICO.....	256.8	248.6	242.6	17.5	17.7	18.5	19.5	18.2	17.2	17.6	16.8	17.1
9	Albuquerque.....	91.2	87.4	82.7	(1)	(1)	(1)	8.1	7.2	6.4	8.6	8.5	7.9
10	NEW YORK.....	6,366.0	6,272.5	6,259.9	9.1	8.8	8.6	265.3	266.2	270.6	1,798.3	1,804.1	1,837.9
11	Albany-Schenectady-Troy..	236.1	233.0	230.3	(1)	(1)	(1)	9.3	8.2	8.0	61.0	61.8	61.9
12	Binghamton.....	93.9	92.8	93.8	(1)	(1)	(1)	3.4	3.5	3.6	42.9	42.7	44.5
13	Buffalo.....	434.7	428.4	426.7	(1)	(1)	(1)	17.8	16.8	17.2	167.7	164.9	165.8
14	Elmira 8.....	32.9	32.4	31.9	-	-	-	-	-	-	13.7	13.9	13.9
15	Massau and Suffolk Counties 9.....	536.0	524.6	496.3	(1)	(1)	(1)	37.6	37.1	39.0	129.6	139.2	132.9
16	New York-Northeastern New Jersey.....	5,938.2	5,869.2	5,837.0	5.0	4.8	4.5	248.6	252.9	260.2	1,686.0	1,710.5	1,736.7
17	New York SMSA 7.....	4,396.8	4,346.1	4,335.3	2.9	2.7	2.6	181.2	189.8	193.9	1,079.6	1,096.7	1,122.0
18	New York City 9.....	3,565.7	3,535.3	3,559.9	2.3	2.0	1.9	126.1	135.5	137.3	868.7	878.7	911.7
19	Rochester.....	284.7	275.1	269.8	(1)	(1)	(1)	12.1	11.2	11.1	125.6	121.5	120.2
20	Syracuse.....	189.6	189.0	187.7	(1)	(1)	(1)	9.0	8.9	8.5	53.1	64.0	66.2
21	Utica-Rome.....	101.0	102.9	104.6	(1)	(1)	(1)	2.6	2.8	2.8	36.4	38.0	39.6
22	Westchester County 9.....	252.8	246.0	241.6	(1)	(1)	(1)	15.0	15.1	15.8	58.4	66.2	65.6
23	NORTH CAROLINA.....	1,341.2	1,298.6	1,258.5	2.5	2.7	3.3	75.4	71.8	68.2	558.2	542.0	530.5
24	Charlotte 5.....	130.0	116.6	113.0	(1)	(1)	(1)	9.4	8.0	7.8	33.3	28.7	28.1
25	Greensboro-High Point....	-	-	-	-	-	-	6.2	6.0	6.5	45.3	44.5	44.1
26	Winston-Salem.....	-	-	-	-	-	-	-	-	-	36.5	37.3	38.5
27	NORTH DAKOTA.....	141.8	136.1	130.7	1.7	1.7	1.8	11.4	10.5	11.3	8.2	7.8	7.0
28	Fargo-Moorhead.....	32.3	31.2	30.2	(1)	(1)	(1)	2.3	2.2	2.0	2.3	2.3	2.2
29	OHIO.....	3,212.5	3,143.7	3,099.2	19.9	18.6	19.0	134.3	130.5	131.4	1,252.7	1,233.4	1,216.2
30	Akron 5.....	198.8	175.3	172.9	.2	.1	.1	6.6	5.6	6.1	88.4	80.6	79.1
31	Canton.....	112.2	108.1	107.8	.3	.4	.5	3.6	3.7	3.7	54.7	52.2	52.1
32	Cincinnati 5.....	419.2	394.2	394.3	.4	.3	.3	18.4	17.0	17.1	147.9	144.7	146.1
33	Cleveland 5.....	736.9	699.0	688.3	.9	.5	.5	31.8	28.7	30.0	282.5	272.9	269.4
34	Columbus 5.....	297.8	275.9	269.5	.9	.7	.7	14.7	13.8	12.8	77.6	73.8	72.7
35	Dayton 5.....	267.3	254.5	249.9	.5	.4	.5	10.5	9.5	9.1	108.4	103.5	102.3
36	Toledo 5.....	193.8	157.3	154.5	.3	.2	.2	7.4	6.3	6.5	74.2	59.0	56.8
37	Youngstown-Warren.....	160.8	153.5	153.6	.4	.4	.4	6.5	6.2	6.5	75.5	70.4	70.7
38	OKLAHOMA.....	624.8	611.5	601.5	42.3	42.3	43.9	35.8	36.7	34.7	96.6	90.9	90.4
39	Oklahoma City.....	203.0	195.4	188.4	6.7	6.4	6.7	14.0	13.6	11.9	25.6	24.2	22.9
40	Tulsa.....	142.8	136.3	134.1	12.6	12.7	12.9	8.9	8.3	8.0	32.2	28.5	28.0
41	OREGON.....	567.5	548.7	528.0	1.6	1.4	1.3	31.1	29.2	26.1	149.5	145.1	143.4
42	Portland.....	293.6	283.9	274.1	(1)	(1)	(1)	15.2	14.6	13.9	68.8	66.7	65.7
43	PENNSYLVANIA.....	3,773.4	3,701.1	3,698.7	46.5	47.6	50.0	156.6	149.1	151.9	1,430.8	1,397.0	1,398.9
44	Allentown-Bethlehem- Easton.....	188.1	183.4	182.4	.5	.5	.5	6.9	6.3	6.4	56.2	54.1	54.8
45	Altoona.....	41.5	40.7	40.9	(1)	(1)	(1)	1.3	1.2	1.2	12.2	12.0	12.2
46	Erie.....	80.5	77.8	77.8	(1)	(1)	(1)	2.3	2.3	2.2	38.6	36.4	36.7
47	Harrisburg.....	154.3	150.0	147.5	(1)	(1)	(1)	6.9	6.0	5.9	35.5	34.6	33.6
48	Johnstown.....	69.7	67.0	65.5	5.0	4.8	5.1	2.0	2.1	1.9	24.9	23.1	21.7
49	Lancaster.....	99.8	98.0	96.6	(1)	(1)	(1)	5.2	4.8	4.7	48.6	48.0	48.1
50	Philadelphia.....	1,531.0	1,518.7	1,520.9	1.3	1.3	1.3	69.9	65.9	67.1	531.4	534.3	544.1
51	Pittsburgh.....	768.0	745.7	743.5	9.4	9.3	10.1	33.4	31.9	32.8	278.0	266.6	265.9
52	Reading.....	106.4	104.3	102.9	(1)	(1)	(1)	4.1	3.8	3.6	52.5	51.8	51.8
53	Scranton.....	75.7	74.9	76.2	1.0	1.1	1.1	1.9	1.8	1.6	31.2	30.3	31.3
54	Wilkes-Barre-Hazleton...	106.6	104.9	104.8	4.8	4.8	5.1	3.8	3.7	3.8	45.0	44.0	43.4
55	York.....	103.9	100.5	100.1	(1)	(1)	(1)	5.3	4.8	4.9	52.0	49.0	49.9
56	RODE ISLAND.....	302.2	298.1	298.3	(1)	(1)	(1)	14.2	12.7	12.3	115.2	115.5	118.9
57	Providence-Pawtucket- Warwick.....	314.6	309.4	308.2	(1)	(1)	(1)	14.6	13.0	12.6	130.9	130.2	132.6
58	SOUTH CAROLINA.....	651.4	630.6	609.8	1.6	1.6	1.6	36.7	35.8	35.1	277.7	269.8	260.3
59	Charleston 2.....	66.4	65.0	59.1	(1)	(1)	(1)	4.8	4.6	4.0	11.5	11.3	9.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	
153.0	151.9	150.8	418.9	404.2	393.3	97.4	95.5	93.4	299.2	290.1	278.1	279.4	272.1	262.8	1
3.5	3.5	3.6	14.6	14.4	14.2	2.9	2.8	2.9	11.9	11.8	11.5	8.4	8.3	8.2	2
35.4	35.5	36.8	36.2	36.3	37.3	8.9	8.7	8.8	24.6	24.1	23.4	26.9	27.3	27.2	3
51.1	51.1	49.3	134.8	134.2	132.6	47.8	47.1	46.4	107.6	103.6	99.7	81.4	77.6	73.9	4
23.0	23.0	21.7	87.5	84.1	78.8	14.2	13.5	12.9	51.9	49.8	46.8	38.0	36.1	33.9	5
9.6	9.4	9.5	34.2	32.5	31.6	4.1	3.8	3.5	19.4	18.2	17.5	28.8	28.2	27.3	6
6.2	6.2	6.2	18.8	18.4	18.1	4.4	4.3	4.5	18.7	18.2	17.6	21.5	20.5	20.2	7
19.9	19.8	19.7	53.8	52.2	50.3	11.4	11.1	10.3	44.9	42.5	41.8	72.2	70.3	67.7	8
6.4	6.5	6.5	21.0	20.2	19.2	5.8	5.7	5.3	20.9	19.8	18.9	20.4	19.5	18.5	9
474.5	465.9	471.9	1,301.4	1,277.4	1,268.6	503.6	500.3	500.2	1,090.1	1,052.7	1,026.3	923.6	897.2	875.7	10
13.8	13.9	14.4	46.6	46.4	45.6	9.6	9.5	9.5	37.9	35.9	34.9	57.9	57.3	56.1	11
4.7	4.7	4.8	15.4	15.2	15.1	2.7	2.7	2.7	9.9	9.5	9.3	14.9	14.5	13.8	12
30.9	31.3	32.0	85.4	84.5	83.3	16.4	16.3	16.2	56.7	56.0	56.8	59.9	58.8	55.5	13
-	-	-	6.3	6.3	6.3	-	-	-	-	-	-	-	-	-	14
25.1	23.9	23.0	132.3	124.5	114.7	22.9	21.4	19.8	91.7	86.5	80.9	96.8	91.9	85.9	15
479.0	470.3	471.6	1,228.5	1,203.6	1,193.4	507.7	503.3	502.2	1,018.5	980.3	950.3	764.9	743.5	718.1	16
359.9	351.3	354.2	935.8	916.5	913.2	432.8	430.2	430.7	815.0	784.6	762.9	589.8	574.4	555.8	17
316.4	309.5	313.3	740.9	731.6	739.4	396.3	395.4	398.0	666.2	642.9	629.4	448.8	439.8	428.9	18
12.8	12.6	12.6	50.6	49.3	48.4	9.5	9.3	9.1	38.3	36.4	34.9	35.7	34.8	33.5	19
12.6	12.6	12.4	39.8	39.5	38.7	9.6	9.5	9.3	28.1	27.8	26.4	27.4	26.7	26.2	20
5.4	5.5	5.6	16.4	16.7	16.4	4.1	4.1	4.0	11.3	11.0	11.3	24.7	24.9	24.9	21
16.3	15.9	16.0	55.6	53.9	52.7	12.1	12.0	11.7	51.6	50.0	48.0	33.9	32.9	31.9	22
70.5	67.8	65.5	245.3	237.7	228.7	51.5	49.4	46.9	147.6	141.6	136.6	190.2	185.6	178.8	23
14.2	13.2	12.4	34.9	32.5	31.6	8.8	8.3	7.8	16.6	15.2	15.3	12.8	10.7	9.9	24
5.7	5.4	5.1	21.2	21.0	19.9	6.7	6.3	6.4	-	-	-	-	-	-	25
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
12.0	12.0	12.1	39.3	38.2	36.3	6.2	6.1	5.9	24.4	23.5	22.4	38.6	36.4	33.9	27
2.9	2.8	2.9	10.1	10.1	9.8	2.0	2.1	2.1	5.9	5.6	5.4	6.7	6.1	6.0	28
197.8	197.2	198.3	630.1	612.4	604.9	129.1	126.5	124.3	407.9	393.2	380.9	440.8	431.8	424.2	29
13.1	12.6	12.8	37.7	33.3	33.0	5.7	5.2	5.2	24.2	21.7	21.1	22.8	16.3	15.6	30
6.0	5.7	5.8	20.6	19.9	20.0	3.8	3.7	3.7	13.2	12.8	12.4	10.0	9.7	9.5	31
31.6	30.1	31.0	89.0	82.0	81.4	23.3	22.0	22.0	57.1	53.1	51.9	51.5	45.0	44.4	32
45.8	45.3	45.0	151.5	142.5	141.0	35.3	33.5	32.8	101.5	94.7	92.0	87.6	80.9	77.7	33
18.3	17.4	17.3	62.9	57.5	55.5	18.8	17.9	17.3	43.7	38.9	37.7	60.8	56.0	55.4	34
10.2	10.1	10.1	47.6	44.8	43.8	7.4	7.1	6.9	34.1	32.0	30.2	48.7	47.1	46.9	35
13.9	12.4	12.6	41.4	34.8	34.4	6.5	5.8	5.9	26.7	23.2	22.9	23.3	15.5	15.1	36
8.7	8.6	8.5	28.9	28.3	28.3	4.3	4.3	4.4	20.7	19.8	19.4	15.7	15.5	15.6	37
46.0	46.2	46.9	143.8	141.2	139.7	30.6	29.5	28.6	86.1	83.3	79.9	143.6	141.4	137.4	38
13.5	13.2	13.6	48.1	45.8	45.0	13.0	12.6	11.9	28.3	26.7	25.2	53.8	52.9	51.2	39
14.0	13.7	14.0	33.0	31.9	31.5	7.2	7.2	7.1	21.1	20.3	19.6	13.8	13.7	13.0	40
44.1	43.5	43.5	125.5	122.3	117.1	25.6	24.2	22.8	79.1	75.1	70.5	111.0	107.9	103.3	41
27.1	26.8	26.8	72.7	70.7	68.4	17.1	16.7	16.0	45.1	43.2	40.7	47.6	45.2	42.6	42
258.2	260.6	264.1	690.5	681.2	682.4	160.3	157.9	156.0	543.6	532.9	530.3	486.9	474.8	465.1	43
10.4	10.6	10.6	30.1	29.6	29.2	5.3	5.2	5.1	23.4	22.5	21.8	15.3	14.6	14.0	44
9.1	8.8	8.9	7.1	7.1	7.2	1.1	1.1	1.1	5.8	5.7	5.6	4.9	4.8	4.7	45
4.6	4.7	4.9	13.9	13.6	13.7	2.5	2.6	2.5	10.5	10.2	9.9	8.1	8.0	7.9	46
12.5	12.5	12.9	26.7	26.6	26.4	6.8	6.6	6.5	20.4	19.5	18.5	45.5	44.2	43.7	47
4.8	4.7	4.8	11.5	11.5	11.7	1.8	1.7	1.7	9.9	9.6	9.3	9.8	9.5	9.3	48
4.9	4.8	5.0	17.5	17.3	16.6	2.3	2.3	2.3	12.8	12.6	12.0	8.5	8.2	7.9	49
106.0	106.7	108.0	305.4	300.8	302.5	85.8	84.9	83.5	233.6	229.9	224.3	197.7	194.9	190.1	50
54.6	54.9	56.2	150.3	146.5	146.7	32.1	32.4	32.1	126.8	124.7	122.6	83.4	79.4	77.1	51
5.7	5.7	5.7	16.1	15.9	15.6	4.4	4.1	4.0	13.8	13.4	13.0	9.8	9.6	9.2	52
5.8	6.1	6.4	14.2	14.2	14.3	2.4	2.4	2.5	10.9	10.8	10.7	8.3	8.2	8.3	53
5.8	6.0	6.3	18.1	18.5	18.3	3.4	3.4	3.4	12.0	11.9	11.8	12.7	12.6	12.7	54
5.4	5.4	5.4	17.5	17.1	16.4	2.3	2.3	2.2	11.9	11.5	11.2	9.5	10.4	10.1	55
14.6	14.5	14.6	56.3	55.6	55.2	13.5	13.3	13.0	45.6	44.1	42.4	42.8	42.4	41.9	56
14.1	14.1	14.3	56.7	56.2	55.7	13.5	13.2	13.0	44.7	42.9	41.0	40.1	39.8	39.0	57
27.3	26.3	25.9	110.2	107.4	104.9	23.8	23.3	22.8	67.2	63.3	59.7	106.9	103.1	99.5	58
4.2	4.4	4.3	13.6	13.2	12.3	2.8	2.7	2.9	7.6	7.4	6.6	21.9	21.4	19.6	59

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

Table 1. Employees on nonagricultural payrolls

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962
1	SOUTH CAROLINA - Continued												
1	Columbia.....	78.6	76.0	75.3	(1)	(1)	(1)	5.3	5.3	5.5	15.8	15.3	14.5
2	Greenville ²	93.3	91.2	77.1	(1)	(1)	(1)	6.2	5.5	6.3	46.5	45.7	34.7
3	SOUTH DAKOTA.....	152.6	151.6	151.8	2.5	2.5	2.5	10.4	10.5	14.2	13.2	14.8	14.1
4	Sioux Falls.....	29.9	28.7	28.3	(1)	(1)	(1)	2.0	1.5	1.6	5.3	5.4	5.6
5	TENNESSEE.....	1,044.9	1,002.5	969.4	6.7	6.6	7.0	54.6	52.2	49.5	360.9	345.3	332.3
6	Chattanooga.....	100.4	95.4	93.2	.2	.2	.2	4.1	3.0	3.1	41.8	39.7	38.8
7	Knoxville.....	123.6	119.6	115.1	1.7	1.7	1.7	5.4	5.6	5.3	43.3	42.4	41.5
8	Memphis ²	212.8	208.3	195.5	.3	.3	.3	12.1	11.6	10.4	47.9	46.8	44.9
9	Nashville ²	176.7	167.1	147.9	(1)	(1)	(1)	11.0	9.2	8.7	51.4	49.2	40.5
10	TEXAS.....	2,789.6	2,700.2	2,624.8	112.2	113.2	117.7	179.6	172.0	168.7	537.9	518.4	504.0
11	Dallas.....	456.7	440.8	420.8	7.8	7.8	7.7	29.7	29.7	26.3	112.2	107.6	104.0
12	Fort Worth.....	-	-	-	-	-	-	-	-	-	58.3	52.3	49.4
13	Houston.....	-	-	-	-	-	-	-	-	-	99.4	94.8	94.7
14	San Antonio ⁵	-	-	-	-	-	-	11.7	11.2	11.5	25.7	23.9	23.6
15	UTAH.....	293.9	294.7	287.3	10.6	11.9	13.1	16.9	17.5	17.8	51.6	54.9	53.6
16	Salt Lake City.....	159.9	159.4	153.4	5.5	6.4	6.8	10.4	10.6	9.6	28.3	29.8	29.1
17	VERMONT.....	111.4	110.2	109.3	1.2	1.2	1.2	5.6	5.4	5.5	34.6	34.9	35.6
18	Burlington ⁸	22.5	22.3	22.4	-	-	-	-	-	-	4.5	4.9	5.6
19	Springfield ⁸	12.2	12.0	11.6	-	-	-	-	-	-	6.5	6.5	6.4
20	VIRGINIA⁴.....	1,157.7	1,123.8	1,081.8	15.5	15.7	15.7	86.8	82.1	75.0	307.8	297.5	292.4
21	Newport News-Hampton.....	79.7	75.8	73.7	(1)	(1)	(1)	5.2	4.5	4.2	26.0	24.6	25.1
22	Norfolk-Portsmouth.....	163.1	159.4	157.1	.1	.1	.1	13.2	12.4	12.3	17.7	16.7	17.0
23	Richmond ²	189.7	182.9	173.9	.3	.3	.2	13.8	13.2	11.4	46.9	45.0	43.6
24	Roanoke.....	64.5	62.4	60.7	.1	.1	.1	4.6	4.2	4.2	15.3	14.8	14.5
25	WASHINGTON.....	853.0	850.7	856.6	1.8	1.9	1.9	40.9	43.2	44.7	218.9	224.0	232.6
26	Seattle-Everett.....	393.7	401.9	410.8	(1)	(1)	(1)	18.3	20.1	20.4	110.6	120.1	129.0
27	Spokane.....	73.3	73.5	73.9	(1)	(1)	(1)	3.0	3.5	3.4	12.5	12.3	11.9
28	Tacoma.....	81.6	80.1	80.5	(1)	(1)	(1)	3.8	4.2	4.0	17.5	16.8	17.2
29	WEST VIRGINIA.....	458.2	449.9	447.5	48.2	47.7	49.2	20.3	18.4	17.8	125.3	124.2	122.6
30	Charleston.....	75.6	76.2	76.2	3.5	3.7	3.9	3.0	3.2	4.1	21.7	22.2	21.9
31	Huntington-Ashland.....	72.0	69.3	66.9	.9	.9	.9	4.1	3.8	3.4	24.6	23.6	22.4
32	Wheeling.....	51.4	50.0	49.4	2.6	2.5	2.5	2.9	2.9	2.7	16.0	15.7	15.7
33	WISCONSIN.....	1,268.9	1,233.5 ⁶	1,207.2	2.6	2.6	3.1	57.5	55.0	53.6	468.1	461.4	455.9
34	Green Bay.....	41.9	40.4	38.2	(1)	(1)	(1)	2.1	2.2	1.9	14.0	13.4	12.9
35	Kenosha.....	35.9	37.1	34.2	(1)	(1)	(1)	1.3	1.3	1.2	20.5	22.0	20.0
36	La Crosse.....	23.9	23.3	23.1	(1)	(1)	(1)	1.1	.9	.9	7.6	7.6	7.8
37	Madison.....	87.7	84.3	80.1	(1)	(1)	(1)	5.4	5.0	4.9	13.8	13.3	13.2
38	Milwaukee ²	478.4	468.9	453.7	(1)	(1)	(1)	20.7	19.0	18.9	193.3	193.1	187.0
39	Racine.....	48.2	45.9	44.1	(1)	(1)	(1)	1.8	1.7	1.6	23.7	22.2	21.2
40	WYOMING.....	98.6	96.8	95.5	8.7	9.5	9.4	9.6	9.7	8.9	7.4	7.1	7.4
41	Casper.....	17.9	17.2	17.3	3.3	3.3	3.3	1.4	1.4	1.4	1.5	1.5	1.6
42	Cheyenne.....	19.4	19.3	18.1	(1)	(1)	(1)	2.6	3.4	1.5	1.7	1.3	1.4

¹ Combined with service.

² Data for 1962 not comparable with later years because of change in area definition. (See definitions at end of tables.)

³ Combined with construction.

⁴ Federal employment in the Maryland and Virginia sectors of the District of Columbia metropolitan area is included in data for District of Columbia.

⁵ Data for 1964 not comparable with earlier years because of change in area definition. (See definitions at end of tables.)

⁶ Combined with manufacturing.

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

⁸ Total includes data for industry divisions not shown separately.

⁹ Subarea of New York Standard Metropolitan Statistical Area.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	
4.9	4.7	4.9	16.9	16.6	16.6	5.7	5.5	5.4	9.8	9.6	9.6	20.2	19.0	18.8	1
3.5	3.4	3.4	15.5	15.5	13.8	3.5	3.5	3.2	10.0	9.5	8.5	8.1	8.0	7.2	2
10.0	10.1	10.3	40.8	40.3	39.7	6.9	6.5	6.4	24.4	23.9	23.5	44.7	43.1	41.4	3
2.8	2.8	2.8	9.2	8.7	8.5	1.7	1.7	1.6	5.2	5.0	4.7	3.8	3.7	3.5	4
55.8	55.3	54.6	208.1	200.3	195.6	44.9	43.6	42.4	140.5	135.7	130.6	173.3	163.5	157.4	5
5.0	4.8	4.7	19.0	18.2	18.1	5.6	5.6	5.4	12.3	11.7	11.1	12.4	12.2	11.8	6
6.5	6.5	6.3	25.3	24.0	23.4	4.4	4.2	4.1	14.6	14.0	13.5	22.4	21.2	19.3	7
16.6	16.2	15.3	55.7	54.7	51.7	11.7	11.6	11.0	32.3	31.4	29.2	36.2	35.7	32.7	8
10.8	10.6	10.4	37.6	35.8	32.6	11.5	11.4	10.7	28.4	26.8	24.0	26.0	24.1	21.0	9
219.3	218.9	220.5	692.0	672.2	654.5	147.5	141.6	135.9	404.2	383.1	362.3	496.9	480.7	461.2	10
36.5	37.0	36.0	123.3	118.4	115.2	38.2	36.9	35.2	61.8	59.1	55.1	47.1	44.2	41.3	11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
9.6	9.5	9.3	-	-	-	13.0	12.1	11.5	-	-	-	56.5	54.5	53.7	14
21.7	21.8	21.9	66.3	65.6	63.4	12.7	12.5	12.3	40.5	38.9	36.6	73.6	71.6	68.6	15
13.8	13.5	13.4	42.2	41.8	40.2	9.9	9.6	9.4	23.2	22.3	20.9	26.6	25.4	24.0	16
7.0	6.9	7.0	21.4	21.0	21.1	4.3	4.3	4.1	20.2	19.4	18.4	17.4	17.1	16.5	17
1.6	1.5	1.5	5.3	5.3	5.4	-	-	-	-	-	-	-	-	-	18
.7	.8	.7	1.6	1.6	1.5	-	-	-	-	-	-	-	-	-	19
83.1	82.6	81.3	238.9	231.3	223.8	51.2	49.1	47.4	154.6	149.8	138.5	219.8	215.7	207.7	20
3.9	4.0	3.8	12.8	12.1	11.5	2.3	2.3	2.1	8.2	7.8	7.0	21.3	20.6	20.0	21
14.6	14.9	15.1	39.5	38.3	37.2	6.8	6.5	6.2	21.6	20.9	20.0	49.6	49.6	49.2	22
15.4	15.1	15.0	43.1	41.9	40.5	14.8	14.6	14.2	24.2	23.2	22.1	31.2	29.6	26.9	23
8.7	8.7	8.6	14.6	14.2	13.8	3.4	3.2	3.1	9.8	9.6	9.3	8.0	7.6	7.1	24
60.2	60.2	61.0	188.7	186.8	186.6	43.0	42.4	41.7	115.2	112.2	112.7	184.3	180.0	175.4	25
29.7	30.1	30.4	89.0	89.6	91.3	25.1	25.1	24.8	55.0	53.8	55.7	66.0	63.1	59.2	26
7.1	7.2	7.7	19.7	19.9	20.1	4.2	4.2	4.3	13.3	13.1	13.1	13.5	13.3	13.4	27
5.5	5.6	5.8	17.7	17.0	16.5	4.2	4.0	3.9	12.1	11.8	11.7	20.8	20.7	21.4	28
40.8	40.8	41.3	80.2	79.5	79.3	13.7	13.5	13.4	54.7	53.7	52.6	75.0	72.1	71.4	29
8.6	8.4	8.4	16.4	16.1	16.1	3.3	3.2	3.2	9.5	9.8	9.4	10.0	9.6	9.5	30
6.9	7.2	7.6	15.6	15.1	14.9	2.7	2.5	2.4	8.1	7.6	7.3	9.3	8.8	8.2	31
3.7	3.7	3.7	11.2	11.1	11.1	1.9	1.9	2.0	7.6	7.3	7.3	5.8	5.0	4.6	32
73.1	72.2	71.7	260.8	251.3	246.4	50.2	48.8	47.9	166.1	160.5	154.0	190.7	181.7	174.6	33
3.9	3.8	3.7	10.3	9.9	9.4	1.2	1.2	1.1	6.1	5.8	5.2	4.3	4.2	3.9	34
1.6	1.7	1.6	4.9	4.8	4.4	.7	.6	.6	3.9	3.9	3.6	3.0	2.9	2.9	35
2.0	1.9	1.9	5.6	5.4	5.3	.6	.6	.5	4.2	4.1	4.0	2.9	2.8	2.7	36
4.6	4.4	4.1	18.0	17.4	16.2	4.6	4.4	4.0	12.3	11.7	10.8	29.0	28.1	27.0	37
27.8	27.7	27.4	97.7	94.6	91.4	23.5	23.0	22.6	63.3	61.3	58.1	52.2	50.3	48.4	38
1.9	1.8	1.7	8.6	8.3	8.1	1.3	1.2	1.2	5.8	5.7	5.5	5.1	4.9	4.8	39
10.4	10.6	11.1	20.7	20.9	21.0	3.4	3.3	3.3	13.4	11.7	11.6	25.0	24.0	22.8	40
1.6	1.6	1.5	4.4	3.9	4.2	.8	.8	.8	2.3	2.2	2.2	2.6	2.4	2.3	41
2.6	2.6	2.7	4.1	4.0	4.0	1.0	.9	.9	2.3	2.1	2.9	5.1	5.0	4.7	42

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**Table 2. 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		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
ALABAMA.....	\$88.97	\$85.46	\$82.61	41.0	40.5	40.1	\$2.17	\$2.11	\$2.06
Birmingham.....	114.40	111.93	106.13	41.3	41.0	39.9	2.77	2.73	2.66
Mobile ¹	102.84	104.34	98.74	41.3	40.6	40.3	2.49	2.57	2.45
ALASKA.....	152.93	145.68	145.88	43.2	43.1	41.8	3.54	3.38	3.49
ARIZONA.....	109.62	107.87	102.80	40.3	40.4	40.0	2.72	2.67	2.57
Phoenix.....	110.56	108.94	104.00	40.5	40.5	40.0	2.73	2.69	2.60
Tucson.....	114.17	114.23	106.70	39.1	39.8	38.8	2.92	2.87	2.75
ARKANSAS.....	72.09	69.83	66.23	40.5	40.6	39.9	1.78	1.72	1.66
Fort Smith ¹	69.48	69.87	67.49	39.7	39.7	39.7	1.75	1.76	1.70
Little Rock-North Little Rock.....	71.60	68.91	66.19	40.0	40.3	39.4	1.79	1.71	1.68
Pine Bluff.....	87.36	84.26	80.77	41.6	41.1	41.0	2.10	2.05	1.97
CALIFORNIA.....	119.29	115.78	112.44	40.3	40.2	40.3	2.96	2.88	2.79
Anaheim-Santa Ana-Garden Grove.....	120.07	117.22	114.40	40.7	40.7	41.6	2.95	2.88	2.75
Bakersfield.....	128.93	123.52	118.08	40.8	40.9	40.3	3.16	3.02	2.93
Fresno.....	98.94	94.49	92.23	38.8	38.1	37.8	2.55	2.48	2.44
Los Angeles-Long Beach.....	116.76	113.93	111.93	40.4	40.4	40.7	2.89	2.82	2.75
Sacramento.....	129.77	126.89	122.59	40.3	40.8	41.0	3.22	3.11	2.99
San Bernardino-Riverside-Ontario.....	120.07	116.24	114.21	40.7	40.5	40.5	2.95	2.87	2.82
San Diego.....	126.86	122.49	118.40	40.4	39.9	40.0	3.14	3.07	2.96
San Francisco-Oakland.....	126.01	122.85	117.90	39.5	39.5	39.3	3.19	3.11	3.00
San Jose.....	121.10	118.78	116.57	40.5	40.4	40.9	2.99	2.94	2.85
Stockton.....	116.81	111.76	108.81	40.7	40.2	40.6	2.87	2.78	2.68
Vallejo-Napa.....	107.35	103.09	99.70	37.8	37.9	38.2	2.84	2.72	2.61
COLORADO.....	112.34	109.34	106.75	41.0	40.8	40.9	2.74	2.68	2.61
Denver.....	113.42	110.03	107.30	40.8	40.6	40.8	2.78	2.71	2.63
CONNECTICUT.....	108.47	104.90	101.35	41.4	41.3	41.2	2.62	2.54	2.46
Bridgeport.....	111.78	108.42	105.25	41.4	41.7	41.6	2.70	2.60	2.53
Hartford.....	112.86	109.41	106.50	41.8	41.6	41.6	2.70	2.63	2.56
New Britain.....	110.18	102.47	99.63	41.7	40.5	40.5	2.64	2.53	2.46
New Haven.....	105.56	102.11	98.49	40.6	40.2	40.7	2.60	2.54	2.42
Stamford.....	113.30	113.07	106.81	41.5	41.7	41.4	2.73	2.71	2.58
Waterbury.....	107.86	102.91	103.42	41.5	41.0	41.7	2.60	2.51	2.48
DELAWARE.....	108.39	104.30	98.33	40.9	40.9	40.8	2.65	2.55	2.41
Wilmington.....	120.83	117.14	113.16	41.1	41.1	41.0	2.94	2.85	2.76
DISTRICT OF COLUMBIA: Washington.....	108.95	108.38	104.13	39.3	39.7	39.9	2.77	2.73	2.61
FLORIDA.....	87.78	85.28	82.19	41.6	41.4	41.3	2.11	2.06	1.99
Jacksonville.....	89.82	85.97	83.58	40.1	39.8	39.8	2.24	2.16	2.10
Miami.....	83.23	79.60	79.00	40.6	39.6	39.5	2.05	2.01	2.00
Tampa-St. Petersburg.....	89.46	88.20	84.02	42.2	42.2	41.8	2.12	2.09	2.01
GEORGIA.....	77.95	73.38	70.98	40.6	40.1	40.1	1.92	1.83	1.77
Atlanta.....	97.44	92.57	88.80	40.6	40.6	40.0	2.40	2.28	2.22
Savannah.....	99.87	94.42	94.62	41.1	40.7	41.5	2.43	2.32	2.28
HAWAII.....	82.18	77.52	72.57	38.4	38.0	37.6	2.14	2.04	1.93
IDAHO.....	99.50	96.56	92.66	39.8	40.4	39.6	2.50	2.39	2.34
ILLINOIS.....	113.00	108.71	105.27	41.0	40.7	40.6	2.76	2.67	2.60
Chicago.....	115.16	110.43	107.21	41.2	40.8	40.7	2.80	2.71	2.63
Deavenport-Rock Island-Moline.....	126.35	119.29	113.15	41.3	40.6	40.3	3.06	2.94	2.81
Peoria.....	125.20	119.46	114.80	40.8	40.7	40.5	3.07	2.94	2.84
Rockford.....	114.71	109.11	105.33	43.2	42.6	41.9	2.66	2.56	2.51
INDIANA.....	115.80	112.01	108.29	41.2	41.0	40.9	2.81	2.73	2.65
Indianapolis.....	118.46	112.87	108.53	41.8	41.3	41.2	2.83	2.73	2.63
IOWA.....	109.90	105.47	100.83	40.5	40.3	39.9	2.71	2.62	2.53
Des Moines.....	117.97	112.35	108.11	39.6	39.2	39.0	2.98	2.87	2.77

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS**
**Table 2. 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		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
KANSAS.....	\$111.24	\$107.54	\$105.54	42.0	41.8	41.8	\$2.65	\$2.57	\$2.52
Topeka.....	117.77	111.96	111.68	42.5	41.8	42.6	2.77	2.68	2.62
Wichita ²	118.40	114.20	110.54	41.7	41.5	41.6	2.84	2.75	2.66
KENTUCKY.....	98.66	95.18	91.03	40.6	40.5	40.1	2.43	2.35	2.27
Louisville.....	115.46	111.63	106.00	41.4	41.4	40.8	2.79	2.70	2.60
LOUISIANA.....	104.58	100.62	96.14	42.0	42.1	41.8	2.49	2.39	2.30
Baton Rouge.....	129.79	127.30	123.90	41.6	41.6	41.3	3.12	3.06	3.00
New Orleans ¹	108.21	102.06	97.84	41.3	40.5	40.1	2.62	2.52	2.44
Shreveport.....	100.77	96.70	90.83	42.7	41.5	41.1	2.36	2.33	2.21
MAINE.....	81.60	79.56	76.73	40.8	40.8	40.6	2.00	1.95	1.89
Lewiston-Auburn.....	66.91	67.41	64.39	37.8	38.3	38.1	1.77	1.76	1.69
Portland.....	89.28	88.04	87.14	40.4	40.2	41.3	2.21	2.19	2.11
MARYLAND.....	103.38	100.44	96.48	40.7	40.5	40.2	2.54	2.48	2.40
Baltimore.....	110.29	106.23	102.62	41.0	40.7	40.4	2.69	2.61	2.54
MASSACHUSETTS.....	94.56	91.16	89.16	39.9	39.7	39.8	2.37	2.29	2.24
Boston.....	101.77	98.88	95.55	39.6	39.6	39.6	2.57	2.50	2.42
Fall River.....	66.31	64.16	64.33	34.9	35.5	35.6	1.90	1.81	1.81
New Bedford.....	74.48	71.73	70.14	38.0	38.0	38.3	1.96	1.89	1.83
Springfield-Chicopee-Holyoke.....	99.31	95.25	93.15	40.7	40.4	40.3	2.44	2.36	2.31
Worcester.....	102.56	95.91	93.89	40.7	39.6	39.8	2.52	2.42	2.36
MICHIGAN.....	135.11	128.27	121.43	43.5	42.5	41.8	3.11	3.02	2.91
Detroit.....	142.33	136.29	130.24	43.5	42.9	42.3	3.27	3.18	3.08
Flint.....	151.47	149.61	135.38	43.6	44.5	42.6	3.47	3.36	3.18
Grand Rapids.....	113.43	109.07	105.77	40.7	40.1	40.2	2.79	2.72	2.63
Lansing.....	139.83	134.72	122.20	43.6	43.0	40.8	3.21	3.13	3.00
Muskegon-Muskegon Heights.....	116.01	115.71	109.06	40.1	40.4	39.4	2.89	2.86	2.77
Saginaw.....	139.17	133.62	125.92	45.2	44.2	43.3	3.08	3.02	2.91
MINNESOTA.....	107.96	104.58	102.35	40.9	40.8	40.5	2.64	2.56	2.52
Duluth-Superior.....	107.76	104.89	101.93	39.8	39.5	38.5	2.71	2.65	2.65
Minneapolis-St. Paul.....	113.57	109.34	106.92	40.7	40.6	40.5	2.79	2.69	2.64
MISSISSIPPI.....	71.46	68.28	65.27	40.6	40.4	39.8	1.76	1.69	1.64
Jackson.....	77.29	74.94	74.23	42.7	42.1	41.7	1.81	1.78	1.78
MISSOURI.....	101.32	98.41	94.52	40.1	39.9	39.7	2.53	2.46	2.38
Kansas City.....	112.17	108.10	103.80	40.9	40.6	40.3	2.74	2.66	2.57
St. Louis.....	114.64	111.41	107.42	40.6	40.4	40.2	2.83	2.76	2.67
MONTANA.....	109.76	106.00	103.20	40.5	39.7	40.0	2.71	2.67	2.58
NEBRASKA.....	101.93	97.96	94.26	43.1	42.9	42.8	2.36	2.28	2.20
Omaha.....	111.33	106.64	102.61	42.7	42.6	42.5	2.61	2.51	2.41
NEVADA.....	126.72	122.93	121.60	40.1	39.4	40.0	3.16	3.12	3.04
NEW HAMPSHIRE.....	81.00	77.59	76.33	40.5	40.2	40.6	2.00	1.93	1.88
Manchester.....	76.05	72.00	70.56	39.2	38.5	39.2	1.94	1.87	1.80
NEW JERSEY.....	108.40	104.90	101.66	40.6	40.5	40.5	2.67	2.59	2.51
Atlantic City.....	79.04	77.91	-	38.0	38.4	-	2.08	2.03	-
Jersey City ³	106.52	103.53	101.00	40.5	40.6	40.4	2.63	2.55	2.50
Newark ³	108.00	104.86	101.18	40.6	40.8	40.8	2.66	2.57	2.48
Paterson-Clifton-Passaic ³	108.67	104.75	103.38	40.7	40.6	40.7	2.67	2.58	2.54
Perth Amboy ³	112.46	108.14	104.75	40.6	40.5	40.6	2.77	2.67	2.58
Trenton.....	108.94	105.56	101.50	40.8	40.6	40.6	2.67	2.60	2.50

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

Table 2. 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		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
NEW MEXICO.....	\$90.91	\$92.84	\$88.88	39.7	40.9	40.4	\$2.29	\$2.27	\$2.20
Albuquerque.....	94.72	97.51	92.38	39.8	40.8	41.8	2.38	2.39	2.21
NEW YORK.....	102.44	98.78	96.02	39.4	39.2	39.3	2.60	2.52	2.44
Albany-Schenectady-Troy.....	112.46	109.21	106.40	40.6	40.3	40.6	2.77	2.71	2.62
Binghamton.....	98.49	94.16	89.30	40.7	39.9	39.6	2.42	2.36	2.25
Buffalo.....	125.82	120.30	116.11	41.8	41.2	40.8	3.01	2.92	2.84
Elmira.....	103.31	98.95	96.24	40.2	39.9	40.2	2.57	2.48	2.40
Nassau and Suffolk Counties ⁴	106.92	107.33	105.95	39.6	40.2	40.7	2.70	2.67	2.60
New York-Northeastern New Jersey.....	101.14	98.03	95.80	38.9	38.9	39.1	2.60	2.52	2.45
New York SMSA ³	97.02	94.37	92.06	37.9	37.9	38.2	2.56	2.49	2.41
New York City ⁴	95.25	92.25	89.86	37.5	37.5	37.8	2.54	2.46	2.38
Rochester.....	113.85	109.59	105.88	41.4	41.2	41.2	2.75	2.66	2.57
Syracuse.....	110.29	108.24	104.09	41.0	41.0	40.8	2.69	2.64	2.55
Utica-Rome.....	97.53	95.84	92.74	40.3	40.1	40.0	2.42	2.39	2.32
Westchester County ⁴	102.29	99.79	98.20	39.8	39.6	40.0	2.57	2.52	2.46
NORTH CAROLINA.....	71.58	68.38	66.91	40.9	40.7	40.8	1.75	1.68	1.64
Charlotte ¹	76.96	75.53	73.46	41.6	41.5	41.5	1.85	1.82	1.77
Greensboro-High Point.....	72.94	67.64	65.35	40.3	39.1	38.9	1.81	1.73	1.68
NORTH DAKOTA.....	97.41	101.08	88.20	42.2	42.3	41.3	2.31	2.39	2.13
Fargo-Moorhead.....	103.66	99.20	95.89	40.9	40.4	39.3	2.53	2.46	2.44
OHIO.....	120.93	116.13	112.59	41.6	41.1	40.8	2.91	2.83	2.76
Akron ¹	131.91	125.66	122.00	41.4	40.2	40.0	3.19	3.13	3.05
Canton.....	119.37	114.86	112.83	40.6	39.8	39.9	2.94	2.89	2.83
Cincinnati ¹	114.53	110.12	107.35	41.9	41.5	41.5	2.73	2.65	2.59
Cleveland ¹	124.32	119.50	115.73	41.9	41.4	41.0	2.97	2.89	2.82
Columbus ¹	113.22	109.60	106.07	41.0	40.7	40.6	2.76	2.69	2.61
Dayton ¹	131.10	124.91	121.08	42.4	41.6	41.5	3.09	3.00	2.92
Toledo ¹	127.35	116.96	115.33	41.7	40.4	40.5	3.05	2.90	2.85
Youngstown-Warren.....	131.59	125.89	121.80	41.0	40.0	39.3	3.21	3.15	3.10
OKLAHOMA.....	98.23	93.75	90.23	41.8	41.3	41.2	2.35	2.27	2.19
Oklahoma City.....	94.15	88.82	86.94	42.6	41.7	41.8	2.21	2.13	2.08
Tulsa.....	105.16	98.25	94.83	41.4	40.6	40.7	2.54	2.42	2.33
OREGON.....	112.01	106.90	103.22	39.3	39.3	39.1	2.85	2.72	2.64
Portland.....	112.32	108.14	104.52	39.0	38.9	39.0	2.88	2.78	2.68
PENNSYLVANIA.....	102.00	98.21	94.95	40.0	39.6	39.4	2.55	2.48	2.41
Allentown-Bethlehem-Easton.....	98.04	92.96	91.87	38.6	38.1	38.6	2.54	2.44	2.38
Altoona.....	83.10	81.24	78.74	39.2	38.5	38.6	2.12	2.11	2.04
Erie.....	111.41	106.55	105.57	42.2	41.3	41.4	2.64	2.58	2.55
Harrisburg.....	88.58	84.10	82.95	39.9	39.3	39.5	2.22	2.14	2.10
Johnstown.....	105.05	101.88	96.98	38.2	38.3	37.3	2.75	2.66	2.60
Lancaster.....	92.62	86.98	88.34	40.8	39.9	40.9	2.27	2.18	2.16
Philadelphia.....	105.73	102.80	100.65	39.6	40.0	40.1	2.67	2.57	2.51
Pittsburgh.....	126.28	119.80	115.64	41.0	39.8	39.2	3.08	3.01	2.95
Reading.....	91.37	88.40	83.95	39.9	40.0	39.6	2.29	2.21	2.12
Scranton.....	73.46	72.19	70.87	37.1	37.6	37.9	1.98	1.92	1.87
Wilks-Barre-Hazleton.....	70.62	69.52	67.53	36.4	36.4	36.5	1.94	1.91	1.85
York ²	84.67	81.59	82.41	41.3	41.0	41.0	2.05	1.99	2.01
RHODE ISLAND.....	84.19	82.42	79.80	39.9	40.4	40.1	2.11	2.04	1.99
Providence-Pawtucket-Warwick.....	84.61	82.62	80.60	40.1	40.3	40.5	2.11	2.05	1.99
SOUTH CAROLINA.....	73.98	70.11	69.22	41.1	41.0	41.2	1.80	1.71	1.68
Charleston ¹	81.00	80.80	78.79	40.5	40.2	40.2	2.00	2.01	1.96
Greenville.....	73.04	66.34	65.60	41.5	40.7	41.0	1.76	1.63	1.60
SOUTH DAKOTA.....	106.70	101.70	97.87	45.6	45.4	45.1	2.34	2.24	2.17
Sioux Falls.....	120.71	114.66	109.51	47.9	46.8	46.6	2.52	2.45	2.35

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**Table 2. 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		
	1964	1963	1962	1964	1963	1962	1964	1963	1962
TENNESSEE	\$82.82	\$79.58	\$78.16	40.8	40.6	40.5	\$2.03	\$1.96	\$1.93
Chattanooga.....	88.99	85.67	81.99	41.2	40.6	39.8	2.16	2.11	2.06
Knoxville.....	94.00	92.69	89.47	40.0	40.3	40.3	2.35	2.30	2.22
Memphis ²	93.75	90.39	87.70	41.3	40.9	40.6	2.27	2.21	2.16
Nashville ²	88.56	85.69	85.68	41.0	41.0	40.8	2.16	2.09	2.10
TEXAS	100.91	97.29	96.05	41.7	41.4	41.4	2.42	2.35	2.32
Dallas.....	90.88	87.57	86.32	41.5	41.7	41.3	2.19	2.10	2.09
Fort Worth.....	105.92	102.24	99.48	41.7	41.9	41.8	2.54	2.44	2.38
Houston.....	119.26	113.70	113.10	42.9	41.8	42.2	2.78	2.72	2.68
San Antonio.....	75.76	72.22	71.86	41.4	40.8	40.6	1.83	1.77	1.77
UTAH	111.91	109.21	106.67	40.4	40.3	40.1	2.77	2.71	2.66
Salt Lake City.....	108.00	105.97	104.45	40.6	40.6	40.8	2.66	2.61	2.56
VERMONT	86.32	83.22	82.12	41.5	41.2	41.9	2.08	2.02	1.96
Burlington.....	91.13	87.42	86.73	40.5	40.1	42.1	2.25	2.18	2.06
Springfield.....	98.65	96.56	96.48	41.8	41.8	42.5	2.36	2.31	2.27
VIRGINIA	83.84	80.16	78.31	41.1	40.9	41.0	2.04	1.96	1.91
Norfolk-Portsmouth.....	90.95	86.11	83.23	42.7	41.4	41.0	2.13	2.08	2.03
Richmond.....	91.39	87.88	86.26	40.8	40.5	40.5	2.24	2.17	2.13
Roanoke.....	83.89	78.44	75.71	42.8	42.4	41.6	1.96	1.85	1.82
WASHINGTON	115.92	112.50	110.71	38.9	39.2	39.4	2.98	2.87	2.81
Seattle-Everett.....	116.27	114.44	111.84	38.5	39.6	39.8	3.02	2.89	2.81
Spokane.....	119.40	117.00	115.92	39.8	39.0	39.7	3.00	3.00	2.92
Tacoma.....	115.03	110.11	106.54	38.6	38.5	38.6	2.98	2.86	2.76
WEST VIRGINIA	107.33	104.40	101.29	40.2	40.0	39.7	2.67	2.61	2.55
Charleston.....	129.48	127.20	125.12	41.5	41.3	41.3	3.12	3.08	3.03
Huntington-Ashland.....	114.34	109.87	104.23	39.7	39.1	38.7	2.88	2.81	2.69
Wheeling.....	108.65	107.20	101.20	39.8	40.0	38.9	2.73	2.68	2.60
WISCONSIN	110.60	106.41	103.86	41.5	41.3	41.4	2.66	2.58	2.51
Green Bay.....	109.92	105.38	102.44	43.2	43.0	43.3	2.54	2.45	2.37
Kenosha.....	124.97	125.42	132.02	40.5	41.5	44.3	3.09	3.02	2.98
La Crosse.....	103.22	101.23	97.05	39.7	39.7	39.4	2.60	2.55	2.46
Madison.....	115.45	112.43	108.22	41.0	41.0	40.8	2.82	2.74	2.65
Milwaukee ²	121.42	115.91	114.00	41.2	40.7	41.0	2.95	2.85	2.78
Racine.....	116.99	110.84	107.29	41.0	40.5	40.6	2.85	2.73	2.64
WYOMING	108.57	102.49	96.83	38.5	38.1	37.1	2.82	2.69	2.61
Casper.....	122.36	120.17	116.22	39.6	39.4	39.0	3.09	3.05	2.98

¹ Data for 1964 not comparable with earlier years because of change in area definition. (See definitions at end of tables.)

² Data for 1962 not comparable with later years because of change in area definition. (See definitions at end of tables.)

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

⁴ Subarea of New York Standard Metropolitan Statistical Area.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

Table 3. Labor turnover rates in manufacturing for selected States and areas

State and area	Accession rates						Separation rates								
	Total			New hires			Total			Quits			Layoffs		
	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962
ALABAMA ¹	3.8	3.8	3.8	2.1	1.9	1.9	3.6	3.8	3.9	1.4	1.2	1.1	1.6	2.1	2.3
Birmingham.....	3.1	3.2	3.4	1.6	1.5	1.4	2.8	3.3	3.3	.8	.7	.6	1.3	2.1	2.2
Mobile ^{1 2}	9.9	10.6	11.1	2.2	2.4	1.3	9.6	9.9	12.0	1.2	1.1	.9	7.9	8.2	10.5
ALASKA.....	19.4	18.5	-	15.3	14.0	-	21.2	21.0	-	6.6	6.5	-	13.6	12.9	-
ARIZONA.....	4.7	4.7	4.9	3.3	3.4	3.7	4.6	4.9	4.5	1.8	1.7	1.9	1.9	2.1	1.9
Phoenix.....	4.9	5.2	5.2	3.4	3.6	4.0	4.6	4.8	4.8	1.8	1.8	2.0	1.8	1.9	2.0
ARKANSAS.....	5.6	5.4	5.8	4.6	4.3	4.5	5.2	5.2	5.6	2.9	2.6	2.6	1.5	1.8	2.2
Fort Smith ³	6.2	6.0	8.6	5.3	5.0	7.2	5.6	6.1	7.6	3.3	3.5	4.5	1.5	1.7	2.4
Little Rock-North Little Rock.....	5.6	6.4	4.9	4.6	5.2	3.7	5.2	5.4	5.2	3.1	3.0	2.5	1.2	1.4	2.0
Pine Bluff.....	4.7	3.9	4.4	4.0	3.0	3.0	4.1	3.7	3.9	2.9	2.3	2.0	.7	1.0	1.4
CALIFORNIA ¹	4.3	4.5	4.8	3.1	3.2	3.5	4.6	4.6	4.7	1.7	1.8	1.9	2.0	2.0	2.0
Los Angeles-Long Beach ¹	(4)	4.5	5.1	(4)	3.3	3.9	(4)	4.7	4.8	(4)	1.9	2.1	(4)	1.9	1.7
Sacramento ¹	1.8	2.5	2.9	1.0	2.0	2.5	2.9	2.3	2.4	.9	1.0	1.2	1.6	.8	.7
San Bernardino-Riverside-Ontario ¹	4.1	3.9	4.2	3.1	2.6	2.9	3.6	3.8	4.5	1.6	1.6	1.6	1.3	1.5	2.1
San Diego ¹	2.8	2.8	2.8	2.0	1.8	1.7	3.9	3.4	4.6	1.0	1.1	1.5	2.3	1.8	2.4
San Francisco-Oakland ¹	5.0	5.0	5.1	3.1	3.1	2.9	5.3	5.2	5.4	1.3	1.3	1.4	3.2	3.0	3.3
San Jose ¹	2.6	3.0	3.6	1.9	2.2	3.0	3.2	3.2	2.8	1.3	1.5	1.7	1.2	1.1	.7
Stockton ¹	5.9	5.9	5.2	3.5	3.1	2.8	5.3	5.8	5.1	1.8	1.5	1.6	2.8	3.8	3.0
COLORADO.....	4.5	4.9	-	2.8	3.2	-	5.1	4.5	-	1.7	1.9	-	2.7	2.0	-
CONNECTICUT.....	2.6	2.6	2.7	1.9	1.8	2.0	2.7	2.6	2.6	1.2	1.2	1.2	.9	.9	.8
Bridgeport.....	2.3	2.6	2.3	1.7	2.0	1.6	2.3	2.3	2.2	1.2	1.1	1.0	.7	.8	.8
Hartford.....	1.9	1.9	2.2	1.5	1.5	1.7	2.0	2.2	1.9	1.0	1.0	1.0	.5	.7	.4
New Britain.....	2.7	2.6	3.0	2.0	2.0	2.3	2.9	2.8	2.6	1.1	1.1	1.3	1.0	1.1	.7
New Haven.....	3.2	2.8	2.8	2.2	2.0	1.8	3.1	3.2	2.9	1.3	1.4	1.2	1.0	1.1	1.0
Stamford.....	2.3	2.3	2.3	1.9	1.7	2.0	2.6	2.2	2.6	1.2	1.2	1.4	.8	.6	.8
Waterbury.....	2.5	2.3	2.5	1.4	1.4	1.8	2.5	2.2	2.4	1.2	1.1	1.2	.9	.8	.6
DELAWARE ¹	3.8	3.3	3.7	2.2	1.9	1.6	3.2	2.9	4.0	1.1	1.0	.8	1.4	1.3	2.6
Wilmington ¹	3.4	2.9	3.3	1.9	1.5	1.3	2.9	2.7	3.5	.9	.8	.6	1.3	1.3	2.4
DISTRICT OF COLUMBIA: Washington.....	3.1	3.2	3.1	2.8	2.9	2.6	3.3	3.2	3.1	2.0	2.1	2.1	.5	.4	.3
FLORIDA.....	5.5	6.1	5.4	4.0	4.1	3.5	5.4	6.1	5.6	2.4	2.3	2.1	2.2	3.0	2.8
Jacksonville.....	6.8	6.2	5.0	4.0	3.0	2.8	6.3	6.3	5.1	2.7	1.9	1.7	2.8	3.8	2.9
Miami.....	5.9	5.3	4.7	4.9	4.2	3.6	5.0	4.9	4.8	2.3	2.0	2.0	1.7	2.1	2.2
Tampa-St. Petersburg.....	5.7	5.3	5.0	3.9	3.7	3.4	5.7	5.6	5.3	2.2	2.4	2.0	2.5	2.4	2.7
GEORGIA.....	4.5	4.1	3.9	3.3	3.1	2.6	4.2	3.9	3.7	2.2	2.1	1.7	1.2	1.3	1.3
Atlanta ⁵	4.3	4.6	4.0	3.2	3.3	2.5	4.0	4.2	3.7	2.0	1.9	1.5	1.2	1.5	1.4
HAWAII ⁶	3.5	3.0	3.1	2.2	1.8	1.6	3.3	3.2	3.3	1.3	1.1	1.1	.8	1.1	1.4
IDAHO ⁷	5.3	5.3	5.5	3.8	3.4	3.6	5.6	5.3	5.4	2.4	2.3	2.2	2.6	2.6	2.6
INDIANA ¹	3.3	3.1	3.4	2.3	1.9	1.9	3.1	3.1	3.4	1.3	1.1	1.1	1.2	1.5	1.7
Indianapolis ³	2.6	2.3	3.0	1.8	1.6	2.0	2.4	2.5	3.1	1.0	1.0	1.1	.8	1.0	1.4
IOWA.....	3.6	3.7	3.9	2.2	2.2	2.1	3.4	3.5	3.8	1.4	1.3	1.3	1.5	1.7	2.0
Des Moines.....	4.0	3.6	3.5	2.8	2.5	2.0	3.9	3.5	3.4	1.8	1.6	1.5	1.4	1.4	1.6
KANSAS.....	3.7	3.7	3.5	2.6	2.4	2.3	3.4	3.7	3.6	1.5	1.4	1.5	1.3	1.6	1.6
Topeka.....	3.0	2.8	2.7	2.4	2.2	2.1	3.0	2.8	3.1	1.5	1.4	1.5	1.0	.9	1.1
Wichita.....	2.8	2.9	2.6	2.1	2.0	1.7	2.5	2.8	2.8	1.2	1.3	1.3	.8	.8	1.1
KENTUCKY.....	3.8	3.5	3.7	2.3	2.0	1.8	3.3	3.1	3.5	1.3	1.1	1.0	1.5	1.5	2.0
Louisville.....	3.0	2.9	3.2	1.9	1.6	1.5	2.6	2.7	3.0	1.0	.8	.8	1.0	1.3	1.6
LOUISIANA.....	3.8	4.3	3.6	2.2	2.3	2.0	4.0	3.7	3.7	1.1	1.0	.9	2.2	2.1	2.2

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

Table 3. Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	Accession rates						Separation rates								
	Total			New hires			Total			Quits			Layoffs		
	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962
LOUISIANA - Continued															
New Orleans ⁹	5.3	5.6	4.4	2.7	2.6	2.2	4.4	4.8	4.1	1.3	1.1	1.0	2.5	3.0	2.6
MAINE	5.8	5.6	5.6	3.9	3.7	3.4	5.9	6.0	6.2	2.5	2.3	2.2	2.6	3.0	3.3
Portland.....	4.0	3.4	3.4	3.2	2.7	2.6	4.0	4.2	3.6	1.9	1.6	1.6	1.5	2.0	1.5
MARYLAND	4.2	3.9	3.9	2.5	2.1	2.2	4.2	4.0	4.0	1.5	1.3	1.2	2.2	2.1	2.3
Baltimore.....	3.1	3.6	3.4	2.2	1.9	1.7	4.1	3.6	3.6	1.3	1.1	1.0	2.2	2.0	2.1
MASSACHUSETTS	3.8	3.7	3.8	2.4	2.2	2.4	3.8	4.0	4.0	1.6	1.5	1.7	1.5	1.8	1.6
Boston.....	3.4	3.5	3.5	2.1	2.2	2.3	3.5	3.9	3.8	1.4	1.4	1.6	1.4	1.7	1.5
Fall River.....	4.9	5.3	5.7	2.7	2.7	2.8	5.2	5.6	6.3	1.6	1.7	1.8	2.9	3.2	3.8
New Bedford.....	4.6	4.3	5.2	2.8	2.5	3.0	4.4	4.8	4.6	1.8	1.8	2.0	1.9	2.2	1.8
Springfield-Chicopee-Holyoke.....	3.3	3.3	3.1	2.2	2.1	1.8	3.3	3.3	3.6	1.3	1.3	1.2	1.3	1.5	1.8
Worcester.....	3.3	2.9	3.2	2.3	1.9	2.2	3.0	3.6	3.5	1.4	1.2	1.4	1.0	1.6	1.4
MICHIGAN	3.8	3.6	-	2.0	1.4	-	3.8	3.7	-	.9	.6	-	1.6	1.8	-
Detroit.....	3.8	3.4	-	2.0	1.3	-	3.5	3.5	-	.8	.5	-	1.5	1.9	-
Grand Rapids.....	5.0	4.8	-	2.3	2.1	-	4.7	4.5	-	1.1	1.0	-	1.9	1.9	-
Lansing.....	3.5	4.6	-	2.0	1.8	-	4.5	4.4	-	.6	.4	-	2.1	2.4	-
Muskegon-Muskegon Heights.....	3.6	3.4	-	1.4	1.3	-	3.9	3.2	-	1.3	1.2	-	1.8	1.2	-
Saginaw.....	4.3	4.1	-	1.8	1.5	-	4.4	3.9	-	.7	.4	-	1.1	.8	-
MINNESOTA	4.5	4.4	4.6	2.5	2.4	2.8	4.5	4.4	4.4	1.4	1.4	1.6	2.3	2.3	2.2
Duluth-Superior.....	4.9	4.6	4.1	3.0	2.8	2.2	3.9	4.2	4.0	1.4	1.3	1.2	1.8	2.2	2.0
Minneapolis-St. Paul.....	4.2	3.8	4.1	2.2	2.1	2.5	4.1	4.0	4.0	1.3	1.3	1.4	1.9	1.9	1.8
MISSISSIPPI	4.8	4.8	5.0	3.5	3.4	3.5	4.4	4.7	4.8	2.2	2.0	2.0	1.5	2.1	2.2
Jackson.....	4.7	3.8	3.8	3.9	2.9	3.0	4.4	3.6	3.9	2.4	1.8	1.7	1.3	1.1	1.5
MISSOURI	3.5	3.7	3.8	2.2	2.5	2.4	3.5	3.5	3.8	1.5	1.5	1.5	1.4	1.5	1.8
Kansas City.....	3.7	3.9	4.0	2.6	2.5	2.7	3.5	3.7	3.9	1.6	1.5	1.6	1.3	1.6	1.7
St. Louis.....	3.1	3.2	3.2	1.9	2.1	1.8	3.2	3.0	3.2	1.2	1.2	1.0	1.4	1.3	1.7
MONTANA ⁷	4.5	4.6	4.8	3.5	3.6	3.6	4.4	4.7	4.8	2.3	2.3	2.1	1.2	1.5	1.6
NEBRASKA	4.6	4.5	5.0	3.1	2.9	3.5	4.5	4.8	5.2	2.0	2.1	2.3	1.8	2.1	2.2
NEVADA	5.4	5.1	5.6	5.0	4.6	5.1	5.5	5.6	5.7	2.7	3.3	3.2	1.6	1.3	1.5
NEW HAMPSHIRE	4.0	4.1	4.5	3.0	2.9	3.5	4.0	4.4	4.6	2.2	2.2	2.6	1.1	1.4	1.3
NEW MEXICO	4.0	4.8	5.5	3.2	3.6	4.3	4.3	4.5	5.0	2.1	2.3	2.5	1.1	1.0	1.3
Albuquerque.....	3.3	3.7	4.1	2.6	3.1	3.5	3.6	3.3	3.7	1.8	1.9	1.9	.9	.6	1.0
NEW YORK	4.2	4.1	4.2	2.6	2.3	2.5	4.3	4.3	4.6	1.2	1.2	1.2	2.4	2.5	2.6
Albany-Schenectady-Troy.....	2.6	2.5	2.7	1.4	1.3	1.4	2.7	2.6	2.8	.7	.7	.8	1.0	1.0	1.0
Binghamton.....	2.4	1.5	2.0	1.7	.9	1.1	2.1	2.1	2.5	1.2	1.0	1.2	.3	.5	.3
Buffalo.....	3.0	3.3	3.3	1.7	1.2	1.2	3.0	3.4	3.4	.7	.6	.6	1.8	2.3	2.5
Elmira.....	3.0	2.7	3.1	1.8	1.6	1.3	3.0	3.3	3.1	1.1	.9	.8	1.4	1.9	1.7
Nassau and Suffolk Counties ¹⁰	3.1	3.3	3.8	2.3	2.5	2.9	4.0	3.9	3.7	1.3	1.5	1.6	2.2	1.8	1.4
New York SMSA.....	4.5	4.6	4.8	2.8	2.8	3.0	4.9	5.0	5.2	1.3	1.3	1.4	2.8	2.9	2.9
New York City ¹⁰	5.0	5.1	5.3	3.0	3.0	3.2	5.5	5.5	5.9	1.3	1.2	1.3	3.2	3.4	3.7
Rochester.....	3.0	2.3	2.6	2.2	1.6	1.9	2.6	2.1	2.5	1.2	1.0	1.1	1.0	.7	1.0
Syracuse.....	2.8	2.4	2.5	1.7	1.3	1.4	2.8	2.7	2.5	1.1	1.1	1.1	1.1	.9	.9
Utica-Rome.....	3.3	3.4	3.3	1.7	1.5	1.9	3.4	3.4	3.5	.9	.8	.9	1.9	2.0	1.9
Westchester County ¹⁰	4.5	4.6	4.6	2.7	2.7	2.9	4.6	4.8	4.7	1.4	1.4	1.5	2.5	2.7	2.5
NORTH CAROLINA	3.8	3.6	3.6	3.0	2.8	2.8	3.5	3.5	3.5	2.1	1.9	1.9	.8	1.0	1.0
Charlotte.....	3.6	2.8	3.0	3.1	2.4	2.6	3.4	2.8	3.2	2.3	1.9	2.0	.5	.4	.6
Greensboro-High Point.....	3.8	3.4	3.4	3.3	2.9	3.0	3.6	3.4	3.4	2.5	2.3	2.3	.4	.4	.4
NORTH DAKOTA	3.7	4.3	3.1	2.6	3.1	2.2	3.8	4.5	3.1	1.6	1.8	1.2	1.6	1.9	1.3
Fargo-Moorhead.....	4.7	4.7	4.3	2.6	2.5	3.4	4.7	4.4	4.2	1.5	1.3	1.1	2.6	2.6	2.6

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

Table 3. Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	Accession rates									Separation rates					
	Total			New hires			Total			Quits			Layoffs		
	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962
OHIO.....	3.1	-	-	1.8	-	-	2.8	-	-	.9	-	-	1.3	-	-
Akron.....	2.1	-	-	1.3	-	-	1.9	-	-	.6	-	-	.8	-	-
Canton.....	3.8	-	-	2.0	-	-	3.0	-	-	1.1	-	-	1.0	-	-
Cincinnati.....	2.7	-	-	1.6	-	-	2.9	-	-	.9	-	-	1.5	-	-
Cleveland.....	2.9	-	-	2.0	-	-	2.8	-	-	1.1	-	-	1.1	-	-
Columbus.....	2.9	-	-	1.8	-	-	3.1	-	-	1.0	-	-	1.5	-	-
Dayton.....	2.5	-	-	1.7	-	-	2.1	-	-	.8	-	-	.7	-	-
Toledo.....	3.0	-	-	1.7	-	-	3.0	-	-	.8	-	-	1.6	-	-
Youngstown-Warren.....	4.0	-	-	1.6	-	-	2.9	-	-	.7	-	-	1.6	-	-
OKLAHOMA ¹¹	4.0	4.0	4.0	3.1	2.8	2.8	3.8	4.1	4.1	2.0	1.8	1.9	1.2	1.7	1.6
Oklahoma City.....	4.3	4.3	4.7	3.3	3.0	3.4	4.0	4.2	4.3	2.1	2.0	2.1	1.3	1.5	1.5
Tulsa ¹¹	4.2	3.6	3.8	3.8	2.7	2.6	3.8	3.7	3.9	2.1	1.6	1.7	1.1	1.6	1.7
OREGON ¹	5.4	5.4	5.2	4.4	4.4	4.0	5.4	5.4	5.3	2.5	2.4	2.2	2.1	2.2	2.3
Portland ¹	4.8	4.6	4.5	3.7	3.5	3.3	4.7	4.4	4.6	1.8	1.6	1.5	2.2	2.1	2.5
PENNSYLVANIA.....	3.3	3.2	-	1.9	1.6	-	3.0	3.2	-	1.0	.9	-	1.5	1.8	-
Allentown-Bethlehem-Easton.....	3.4	3.2	-	2.0	1.5	-	2.9	3.1	-	1.1	1.0	-	1.3	1.7	-
Erie.....	3.6	3.2	-	2.1	1.5	-	3.2	3.1	-	1.0	.7	-	1.6	2.0	-
Harrisburg.....	3.3	3.1	-	1.6	1.5	-	3.1	3.0	-	1.0	.9	-	1.5	1.8	-
Lancaster.....	2.8	2.2	-	2.1	1.6	-	2.6	2.4	-	1.4	1.1	-	.7	.9	-
Philadelphia.....	3.0	2.8	-	1.8	1.6	-	3.0	3.1	-	.9	.8	-	1.4	1.6	-
Pittsburgh.....	2.5	2.8	-	1.2	.8	-	1.7	2.6	-	.5	.4	-	1.0	1.7	-
Reading.....	3.4	3.6	-	2.3	2.2	-	3.6	3.8	-	1.3	1.2	-	1.7	1.9	-
Scranton.....	4.2	4.6	-	2.1	2.0	-	4.3	4.9	-	1.2	1.2	-	2.6	3.2	-
Wilkes-Barre-Hazleton.....	4.4	3.8	-	2.3	2.2	-	3.9	3.9	-	1.3	1.2	-	2.2	2.3	-
York.....	4.5	3.8	-	3.0	2.2	-	4.5	4.1	-	2.0	1.6	-	1.7	2.1	-
RHODE ISLAND.....	5.5	5.3	5.2	3.2	3.1	3.3	5.5	5.5	5.7	2.2	2.1	2.3	2.5	2.6	2.6
Providence-Pawtucket-Warwick.....	5.2	5.2	5.0	3.2	3.0	3.2	5.2	5.1	5.4	2.1	2.0	2.3	2.3	2.4	2.4
SOUTH CAROLINA ¹²	3.7	3.7	3.7	2.9	2.8	2.9	3.6	3.7	3.5	2.3	2.3	2.2	.6	.8	.7
Charleston.....	5.4	5.3	5.7	3.6	3.6	3.5	5.4	5.2	6.0	2.1	2.2	2.2	2.4	2.1	2.7
SOUTH DAKOTA.....	4.9	5.6	5.6	2.7	3.1	3.6	5.1	5.4	5.5	1.8	2.0	1.9	2.9	3.0	3.1
Sioux Falls.....	5.2	4.5	4.5	1.8	1.5	1.7	5.2	4.7	4.5	1.4	1.3	1.4	3.5	3.0	2.7
TENNESSEE ¹²	3.3	3.0	3.1	2.2	2.0	1.9	3.0	2.8	2.9	1.4	1.2	1.1	1.0	1.1	1.3
Chattanooga ⁹	2.7	2.6	2.6	1.9	1.7	1.7	2.6	2.4	2.8	1.2	1.0	.9	.9	.9	1.3
Knoxville.....	1.8	1.7	1.8	1.0	1.0	1.1	1.6	1.5	1.7	.8	.7	.8	.6	.5	.6
Memphis.....	4.4	4.1	3.9	3.4	2.8	2.4	4.1	3.9	3.6	1.8	1.5	1.2	1.4	1.6	1.7
Nashville.....	3.2	2.8	3.2	2.5	2.0	2.1	2.8	2.6	2.9	1.6	1.4	1.3	.7	.8	1.1
TEXAS ¹³	3.6	3.5	3.2	2.8	2.6	2.5	3.4	3.3	3.1	1.8	1.7	1.6	.9	1.0	1.0
Dallas ¹³	3.7	3.8	-	3.1	3.1	-	3.6	3.5	-	2.1	2.0	-	.9	.8	-
Fort Worth ¹³	4.5	4.4	-	3.1	3.2	-	3.7	3.8	-	1.9	1.8	-	1.3	1.4	-
Houston ¹³	3.2	2.8	-	2.7	2.1	-	2.8	2.7	-	1.6	1.4	-	.5	.7	-
San Antonio ¹³	3.2	3.1	-	2.6	2.5	-	3.1	2.9	-	1.7	1.5	-	.8	.8	-
UTAH ⁷	3.6	3.9	-	2.3	2.7	-	4.4	3.8	-	1.8	1.8	-	2.0	1.4	-
Salt Lake City ⁷	3.3	3.6	-	2.6	2.9	-	4.0	3.5	-	1.9	1.9	-	1.5	.9	-
VERMONT.....	3.3	2.7	3.0	2.5	1.8	2.1	3.0	3.3	2.9	1.4	1.3	1.4	1.0	1.5	1.0
Burlington.....	3.6	2.3	3.3	2.2	1.3	2.3	3.1	4.9	2.9	1.1	1.4	1.4	1.6	3.0	1.1
Springfield.....	2.3	1.6	2.0	2.0	1.3	1.4	1.8	1.5	1.6	1.0	.7	.7	.3	.4	.5
VIRGINIA.....	3.7	3.6	3.7	2.7	2.5	2.6	3.5	3.5	3.5	1.8	1.7	1.7	1.1	1.2	1.2
Norfolk-Portsmouth.....	4.5	4.6	4.4	3.0	2.9	3.0	4.3	4.8	4.6	1.4	1.5	1.6	2.1	2.8	2.3
Richmond.....	3.7	3.3	3.4	2.9	2.6	2.6	3.3	3.1	3.4	1.7	1.6	1.5	.7	.8	1.1
Roanoke.....	3.0	3.3	3.5	2.4	2.6	2.6	2.7	3.0	3.2	1.5	1.7	1.6	.4	.5	.9

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

Table 3. Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	Accession rates						Separation rates								
	Total			New hires			Total			Quits			Layoffs		
	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962	1964	1963	1962
WASHINGTON ¹⁴	4.0	3.8	4.3	2.8	2.5	2.9	4.2	4.1	4.0	1.8	1.8	1.8	1.7	1.6	1.6
Seattle-Everett ¹⁴	3.3	3.0	3.9	2.1	1.9	2.7	3.7	4.0	3.6	1.5	1.6	1.8	1.6	1.7	1.2
Spokane ¹⁴	4.5	4.6	4.4	2.9	2.3	2.2	5.1	4.7	4.5	1.3	1.2	1.0	3.1	3.0	2.9
Tacoma ¹⁴	4.5	4.5	4.5	3.3	3.3	3.2	4.3	4.2	4.8	1.6	1.5	2.0	2.1	1.9	2.1
WEST VIRGINIA	2.7	3.1	2.9	1.4	1.5	1.2	2.6	2.9	3.1	.8	.7	.7	1.2	1.5	1.9
Charleston	1.1	2.0	1.3	.6	1.5	.8	1.6	1.5	1.8	.5	.6	.4	.7	.6	.9
Huntington-Ashland	2.5	2.9	2.7	1.5	1.4	1.1	2.1	2.6	3.1	.7	.8	.6	1.0	1.4	2.2
Wheeling	2.9	3.4	3.0	1.2	1.1	.9	2.8	3.3	3.4	.6	.6	.5	1.4	2.1	2.3
WISCONSIN	4.2	3.7	-	2.6	2.2	-	3.9	3.7	-	1.5	1.3	-	1.7	1.8	-
Green Bay	2.8	3.4	-	1.9	2.3	-	2.7	3.1	-	1.1	1.3	-	1.2	1.5	-
Kenosha	5.0	5.2	-	1.2	1.4	-	4.9	5.2	-	.7	.6	-	3.9	4.2	-
La Crosse	4.9	4.7	-	2.2	2.1	-	4.7	4.6	-	1.3	1.2	-	2.7	2.8	-
Madison	3.8	3.4	-	2.2	1.9	-	3.6	3.3	-	1.6	1.4	-	1.5	1.4	-
Milwaukee	3.6	2.8	-	2.1	1.7	-	3.3	2.9	-	1.3	1.0	-	1.3	1.1	-
Racine	4.0	3.9	-	3.1	2.8	-	3.3	3.6	-	1.8	1.5	-	.8	1.5	-
WYOMING ⁷	4.5	5.3	-	3.6	4.3	-	5.1	5.4	-	2.4	2.7	-	2.0	1.8	-

¹ Excludes canning and preserving.

² Data for 1964 not strictly comparable with earlier years because of change in area definition; not strictly comparable with 1965 because of the exclusion of apparel and other finished textile products from 1964 rates. (See definitions at end of tables.)

³ Data for 1964 not strictly comparable with earlier years because of change in area definition. (See definitions at end of tables.)

⁴ Not available.

⁵ Excludes agricultural chemicals and miscellaneous manufacturing.

⁶ Excludes canned fruits, vegetables, preserves, jams, and jellies.

⁷ Excludes canning and preserving, and sugar.

⁸ Excludes canning and preserving, and newspapers.

⁹ Excludes printing and publishing.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Excludes new-hire rate for transportation equipment.

¹² Excludes tobacco stemming and redrying.

¹³ Excludes canning and preserving, sugar, and tobacco.

¹⁴ Excludes canning and preserving, printing and publishing.

SOURCE: Cooperating State agencies listed on inside back cover.

Area Definitions

ALABAMA

Birmingham..... Jefferson County
 Huntsville..... Limestone and Madison Counties
 Mobile..... Baldwin and Mobile Counties
 (formerly excluded Baldwin County)

ARIZONA

Phoenix..... Maricopa County
 Tucson..... Pima County

ARKANSAS

Fayetteville..... Washington County
 Fort Smith..... Crawford and Sebastian Counties,
 Ark.; LeFlore and Sequoyah
 Counties, Okla. (formerly limited
 to Sebastian County, Ark.)

Little Rock-
 N. Little Rock..... Pulaski County
 Pine Bluff..... Jefferson County

CALIFORNIA

Anaheim-Santa Ana-
 Garden Grove..... Orange County (formerly a part of
 Los Angeles-Long Beach area)
 Bakersfield..... Kern County
 Fresno..... Fresno County
 Los Angeles-
 Long Beach..... Los Angeles County (employment,
 hours and earnings - labor
 turnover beginning 1965)
 Los Angeles and Orange Counties
 (labor turnover prior to 1965)
 Sacramento..... Placer, Sacramento, and Yolo
 Counties (employment, hours and
 earnings - labor turnover
 beginning 1965)
 Sacramento County (labor turn-
 over prior to 1965)

San Bernardino-
 Riverside-Ontario.... San Bernardino and Riverside
 Counties

San Diego..... San Diego County

San Francisco-
 Oakland..... Alameda, Contra Costa, Marin, San
 Francisco, and San Mateo
 Counties (employment, hours and
 earnings - labor turnover
 beginning 1965)
 Alameda, Contra Costa, Marin,
 San Francisco, San Mateo, and
 Solano Counties (labor turnover
 prior to 1965)

San Jose..... Santa Clara County
 Stockton..... San Joaquin County
 Vallejo-Napa..... Napa and Solano Counties (the latter
 formerly a part of San Francisco-
 Oakland area)

COLORADO

Denver..... Adams, Arapahoe, Boulder, Denver,
 and Jefferson Counties

CONNECTICUT

Bridgeport..... Bridgeport and Shelton cities, and
 Easton, Fairfield, Monroe,
 Stratford, and Trumbull towns in
 Fairfield County; Milford town in
 New Haven County
 Hartford..... Hartford city, and Avon, Bloomfield,
 Canton, East Granby, East
 Hartford, East Windsor, Enfield,
 Farmington, Glastonbury, Granby,
 Manchester, Newington, Rocky
 Hill, Simsbury, South Windsor,
 Suffield, West Hartford, Wethers-
 field, Windsor, and Windsor Locks
 towns in Hartford County; Andover,
 Bolton, Coventry, Ellington,
 Somers, Stafford, Tolland, and
 Vernon towns in Tolland County

CONNECTICUT--Continued

New Britain..... New Britain city, and Berlin and
 Plainville towns in Hartford County
 New Haven..... New Haven city, and Bethany,
 Branford, East Haven, Guilford,
 Hamden, Madison, North Branford,
 North Haven, Orange, West Haven,
 and Woodbridge towns in New
 Haven County
 Stamford..... Stamford city, and Darien,
 Greenwich, and New Canaan towns
 in Fairfield County
 Waterbury..... Waterbury city, Naugatuck borough,
 Beacon Falls, Cheshire, Middle-
 bury, Prospect, Southbury, and
 Wolcott towns in New Haven County;
 Bethlehem, Thomaston, Watertown,
 and Woodbury towns in Litchfield
 County

DELAWARE

Wilmington..... New Castle County, Del.; Cecil
 County, Md.; Salem County, N. J.

DISTRICT OF COLUMBIA

Washington..... District of Columbia; Alexandria,
 Fairfax, and Falls Church cities,
 and Arlington and Fairfax Counties,
 Va.; Montgomery and Prince
 Georges Counties, Md.

FLORIDA

Jacksonville..... Duval County
 Miami..... Dade County
 Tampa-
 St. Petersburg..... Hillsborough and Pinellas Counties

GEORGIA

Atlanta..... Clayton, Cobb, DeKalb, Fulton, and
 Gwinnett Counties
 Savannah..... Chatham County

HAWAII

Honolulu..... Honolulu County

IDAHO

Boise..... Ada County

ILLINOIS

Chicago..... Cook, DuPage, Kane, Lake,
 McHenry, and Will Counties
 Davenport-Rock Island-
 Moline..... Henry and Rock Island Counties,
 Ill.; Scott County, Iowa
 Peoria..... Peoria, Tazewell, and Woodford
 Counties
 Rockford..... Boone and Winnebago Counties

INDIANA

Evansville..... Vanderburgh and Warrick Counties,
 Ind.; Henderson County, Ky.
 (formerly excluded Warrick
 County, Ind.)
 Fort Wayne..... Allen County
 Gary-Hammond-
 East Chicago..... Lake and Porter Counties, Ind.
 Indianapolis..... Hamilton, Hancock, Hendricks,
 Johnson, Marion, Morgan, and
 Shelby Counties (hours and
 earnings - employment beginning
 1963, labor turnover beginning
 1965) Marion County (employment
 prior to 1963, labor turnover
 prior to 1965)
 South Bend..... Marshall and St. Joseph Counties
 (formerly excluded Marshall
 County)
 Terre Haute..... Clay, Sullivan, Vermillion, and
 Vigo Counties

IOWA		Springfield-Chicopee- Holyoke--Continued....	Hampden County; Northampton city, and Easthampton, Hadley, and South Hadley towns in Hampshire County; Warren town in Worcester County.	
Cedar Rapids.....	Linn County			
Des Moines.....	Polk County			
KANSAS		Worcester.....	Worcester city, and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Paxton, Shrewsbury, Spencer, Sterling, Sutton, Upton, Westborough, and West Boylston towns in Worcester County	
Topeka.....	Shawnee County			
Wichita.....	Butler and Sedgwick Counties (formerly excluded Butler County)			
KENTUCKY		MICHIGAN		
Louisville.....	Jefferson County, Ky.; Clark and Floyd Counties, Ind.	Ann Arbor.....	Washtenaw County	
LOUISIANA		Detroit.....	Macomb, Oakland, and Wayne Counties	
Baton Rouge.....	East Baton Rouge Parish	Flint.....	Genesee and Lapeer Counties (employment - hours and earnings beginning 1965)	
New Orleans.....	Jefferson, Orleans, St. Bernard, and St. Tammany Parishes (formerly excluded St. Tammany Parish)	Grand Rapids.....	Kent and Ottawa Counties (employment - hours and earnings beginning 1965)	
Shreveport.....	Bossier and Caddo Parishes		Kent County (labor turnover - hours and earnings prior to 1965)	
MAINE		Lansing.....	Clinton, Eaton, and Ingham Counties	
Lewiston-Auburn.....	Auburn and Lewiston cities, and Lisbon town in Androscoggin County	Muskegon- Muskegon Heights.....	Muskegon County	
Portland.....	Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Cumberland, Falmouth, Gorham, Scarborough, and Yarmouth towns in Cumberland County	Saginaw.....	Saginaw County	
MARYLAND		MINNESOTA		
Baltimore.....	Baltimore city, and Anne Arundel, Baltimore, Carroll, and Howard Counties	Duluth-Superior.....	Duluth city, Minn.; Douglas County, Wis.	
MASSACHUSETTS		Minneapolis- St. Paul.....	Anoka, Dakota, Hennepin, Ramsey, and Washington Counties	
Boston.....	Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities, and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framingham, Lexington, Lincoln, Natick, North Reading, Reading, Sherborn, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem cities, and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy city, and Brain- tree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Millis, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; Duxbury, Hanover, Hingham, Hull, Marsh- field, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County	MISSISSIPPI	Jackson.....	Hinds and Rankin Counties
Fall River.....	Fall River city, and Somerset, Swansea, and Westport towns in Bristol County, Mass.; Tiverton town in Newport County, R. I.	MISSOURI		
New Bedford.....	New Bedford city, and Acushnet, Dartmouth, and Fairhaven towns in Bristol County; Marion and Mattapoisett towns in Plymouth County	Kansas City.....	Johnson and Wyandotte Counties, Kans.; Cass, Clay, Jackson, and Platte Counties, Mo.	
Springfield-Chicopee- Holyoke.....	Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, East Longmeadow, Longmeadow, Ludlow, Monson, Palmer, West Springfield, and Wilbraham towns in	St. Louis.....	St. Louis city, and Franklin, Jefferson, St. Charles, and St. Louis Counties, Mo.; Madison and St. Clair Counties, Ill. (formerly excluded Franklin County, Mo.)	
		MONTANA		
		Billings.....	Yellowstone County	
		Great Falls.....	Cascade County	
		NEBRASKA		
		Omaha.....	Douglas and Sarpy Counties, Nebr.; Pottawattamie County, Iowa	
		NEVADA		
		Reno.....	Washoe County	
		NEW HAMPSHIRE		
		Manchester.....	Manchester city, and Bedford and Goffstown towns in Hillsborough County; Hooksett town in Merrimack County	
		NEW JERSEY		
		Atlantic City.....	Atlantic County	
		Jersey City.....	Hudson County	
		Newark.....	Essex, Morris, and Union Counties	
		Paterson-Clifton- Passaic.....	Bergen and Passaic Counties	
		Perth Amboy.....	Middlesex and Somerset Counties	
		Trenton.....	Mercer County	

NEW MEXICO

Albuquerque.....Bernalillo County

NEW YORK

Albany-Schenectady-

Troy.....Albany, Rensselaer, Saratoga,
and Schenectady CountiesBinghamton.....Broome and Tioga Counties, N. Y.;
Susquehanna County, Pa.
(employment, hours and earnings -
labor turnover beginning 1965)Broome County (labor turnover
prior to 1965)

Buffalo.....Erie and Niagara Counties

Elmira.....Chemung County

Nassau and Suffolk

Counties.....Nassau and Suffolk Counties

New York-Northeastern

New Jersey.....A Standard Consolidated Area
comprised of New York, N. Y.
SMSA; Newark, N. J. SMSA;
Jersey City, N. J. SMSA; Paterson-
Clifton-Passaic, N. J. SMSA; and
the Perth Amboy, N. J. area.New York SMSA.....New York City, and Nassau, Rock-
land, Suffolk, and Westchester
CountiesNew York City.....Bronx, New York, Kings, Queens,
and Richmond CountiesRochester.....Livingston, Monroe, Orleans, and
Wayne Counties (employment,
hours and earnings - labor
turnover beginning 1965)Monroe County (labor turnover
prior to 1965)Syracuse.....Madison, Onondaga, and Oswego
Counties

Utica-Rome.....Herkimer and Oneida Counties

Westchester

County.....Westchester County

NORTH CAROLINA

Charlotte.....Mecklenburg and Union Counties
(formerly excluded Union County)

Greensboro-

High Point.....Guilford County

Winston-Salem.....Forsyth County

NORTH DAKOTA

 Fargo-Moorhead.....Cass County, N. D.; and Clay
County, Minn.

OHIO

Akron.....Portage and Summit Counties
(formerly limited to Summit
County)

Canton.....Stark County

Cincinnati.....Clermont, Hamilton, and Warren
Counties, Ohio; Boone, Campbell,
and Kenton Counties, Ky.;
Dearborn County, Ind. (formerly
limited to Hamilton County, Ohio;
Campbell and Kenton Counties,
Ky.)Cleveland.....Cuyahoga, Geauga, Lake, and
Medina Counties (formerly limited
to Cuyahoga and Lake Counties)Columbus.....Delaware, Franklin, and Pickaway
Counties (formerly limited to
Franklin County)Dayton.....Greene, Miami, Montgomery, and
Preble Counties (formerly
excluded Preble County)Toledo.....Lucas and Wood Counties, Ohio;
Monroe County, Mich. (formerly
limited to Lucas County, Ohio)

Youngstown-Warren.....Mahoning and Trumbull Counties

OKLAHOMA

Oklahoma City.....Canadian, Cleveland, and Oklahoma
Counties

Tulsa.....Creek, Osage, and Tulsa Counties

OREGON

Portland.....Clackamas, Multnomah, and
Washington Counties, Oreg.;
Clark County, Wash.

PENNSYLVANIA

Allentown-Bethlehem-

Easton.....Lehigh and Northampton Counties,
Pa.; Warren County, N. J.

Altoona.....Blair County

Erie.....Erie County

Harrisburg.....Cumberland, Dauphin, and Perry
Counties

Johnstown.....Cambria and Somerset Counties

Lancaster.....Lancaster County

Philadelphia.....Bucks, Chester, Delaware,
Montgomery, and Philadelphia
Counties, Pa.; Burlington,
Camden, and Gloucester Counties,
N. J.Pittsburgh.....Allegheny, Beaver, Washington,
and Westmoreland Counties

Reading.....Berks County

Scranton.....Lackawanna County

Wilkes-Barre--

Hazleton.....Luzerne County

York.....Adams and York Counties (formerly
limited to York County)

RHODE ISLAND

Providence-Pawtucket-

Warwick.....Central Falls, Cranston, East
Providence, Pawtucket, Providence,
and Woonsocket cities, and Burrill-
ville, Cumberland, Foster,
Glocester, Johnston, Lincoln,
North Providence, North Smithfield,
Scituate, and Smithfield towns, in
Providence County; Exeter,
Narragansett, North Kingstown,
and South Kingstown towns in
Washington County; Warwick city,
and Coventry, East Greenwich,
West Greenwich, and West Warwick
towns in Kent County; Jamestown
and New Shoreham towns in
Newport County; Bristol County,
R. I.; Attleboro city, and North
Attleboro, Rehoboth, and Seekonk
towns in Bristol County; Belling-
ham, Franklin, Plainville, and
Wrentham towns in Norfolk County;
Blackstone and Millville towns in
Worcester County, Mass.

SOUTH CAROLINA

Charleston.....Berkeley and Charleston Counties
(employment beginning 1963, hours
and earnings beginning 1964)
Charleston County (labor turnover -
employment prior to 1963, hours and
earnings prior to 1964)

Columbia.....Lexington and Richland Counties

Greenville.....Greenville and Pickens Counties
(formerly excluded Pickens County)

SOUTH DAKOTA

Sioux Falls.....Minnehaha County

TENNESSEE

Chattanooga.....Hamilton County, Tenn.; Walker
County, Ga.Knoxville.....Anderson, Blount, and Knox Counties;
portion of Oak Ridge in Roane CountyMemphis.....Shelby County, Tenn. and Crittenden
County, Ark. (formerly excluded
Crittenden County, Ark.)Nashville.....Davidson, Sumner, and Wilson
Counties (formerly excluded
Sumner and Wilson Counties)

TEXAS

Dallas.....Collin, Dallas, Denton, and Ellis
Counties

<p>TEXAS--Continued Fort Worth..... Johnson and Tarrant Counties Houston..... Harris County San Antonio..... Bexar and Guadalupe Counties (formerly limited to Bexar County)</p> <p>UTAH Salt Lake City..... Bountiful, Centerville, Farmington, North Salt Lake, South Bountiful, and West Bountiful precincts in South Davis County; Salt Lake County</p> <p>VERMONT Burlington..... Chittenden County; Grand Isle and South Hero towns in Grand Isle County Springfield..... Athens, Grafton, Londonderry, Rockingham (includes Bellows Falls), Westminster, and Windham towns in Windham County; Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, Weston, West Windsor, and Windsor towns in Windsor County</p> <p>VIRGINIA Newport News- Hampton..... Newport News and Hampton cities, and York County Norfolk-Portsmouth... Chesapeake, Norfolk, Portsmouth, and Virginia Beach cities Richmond..... Richmond city, and Chesterfield, Hanover, and Henrico Counties (formerly excluded Hanover County)</p>	<p>VIRGINIA--Continued Roanoke..... Roanoke city and Roanoke County</p> <p>WASHINGTON Seattle-Everett..... King and Snohomish Counties Spokane..... Spokane County Tacoma..... Pierce County</p> <p>WEST VIRGINIA Charleston..... Kanawha County Huntington-Ashland Cabell and Wayne Counties, W. Va.; Boyd County, Ky.; Lawrence County, Ohio Wheeling..... Marshall and Ohio Counties, W. Va.; Belmont County, Ohio</p> <p>WISCONSIN Green Bay..... Brown County Kenosha..... Kenosha County La Crosse..... La Crosse County (employment and labor turnover) La Crosse city (hours and earnings) Madison..... Dane County Milwaukee..... Milwaukee, Ozaukee and Waukesha Counties (formerly excluded Ozaukee County) Racine..... Racine County</p> <p>WYOMING Casper..... Natrona County Cheyenne..... Laramie County</p>
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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. Use order blank on page 13-E.

INTRODUCTION

The statistics in this periodical are compiled from two major sources: (1) household interviews and (2) payroll reports from employers.

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 a comprehensive measure of the labor force, i.e., the total number of persons 14 years of age and over who are employed or unemployed. It also provides data on their personal and economic characteristics such 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 throughout the country and is 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.

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 factors which have a differential effect on levels and trends of the two series are described 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, whether or not they were paid by their employers for the time off. In the figures based on payroll reports, persons on paid sick leave, paid vacation, or paid holiday 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*, Bureau of Labor Statistics Report No. 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 enumera-

tions 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.

Until August 1962, the sample for CPS was spread over 333 areas. Between August 1962 and March 1963, the number of sample areas was increased to 357, comprising 701 counties and independent cities, with coverage in 50 States and the District of Columbia. This revision takes account of the changes in population distribution and characteristics shown by the 1960 Census. The number of households remains unchanged at 35,000.

Each month, 35,000 occupied units are designated for interview. About 1,500 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 35,000 occupied units there are 5,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for approximately 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 either as paid employees, or in their own business or profession, or on their own farm, or who worked 15 hours or more as unpaid workers on a farm or in a business 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, or labor-management dispute, or because they were taking time off for various other 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 (e.g., Mexican migratory farm workers).

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. Persons in this latter category will usually be residents of a community in which there are only a few dominant industries which were shut down during the survey week. Not included in this category are persons who say they were not looking for work because they were too old, too young, or handicapped in any way.

The Unemployment Rate represents the number unemployed as a percent of the civilian labor force, i.e., the sum of the employed and unemployed. This measure can also be computed for groups within the labor force classified by sex, age, marital status, color, etc. When applied to industry and occupation groups, the labor force base for the unemployment rate also represents the sum of the employed and the unemployed, the latter classified according to industry and occupation of their latest full-time civilian job.

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. 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.

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 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 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 industrial classification system used in the Census of Population and the current Population Survey differs somewhat from that used by the BLS in its reports on employment, by industry. Employment levels by industry from the household survey, although useful for many analytical purposes, are not published in order to avoid public misunderstanding since they differ from the payroll series because of differences in classification, sampling variability, and other reasons. The industry figures from the household survey are used as a base for published distributions on hours of work, unemployment rates, and other characteristics of industry groups such as age, sex, and occupation.

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.

ESTIMATING METHODS

The estimating procedure is essentially one of using sample results to obtain percentages of the population in a given category. The published estimates are then obtained by multiplying these percentage distributions by independent estimates of the population. The principal steps involved are shown below. 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 3 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the Nation as a whole, in such characteristics as age, color, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

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

b. *Second-stage ratio estimate.* In this step, the sample proportions are weighted by independent

current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1960) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

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

Reliability of the Estimates

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

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

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

Table A. Average standard error of major employment status categories

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

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 geographic 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 an industry class supplement to the monthly 790 or 1219 report. In the case of 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. Since many of the published industry series represent combinations of SIC industries, the BLS has prepared a *Guide to Employment Statistics of BLS, 1961* which specifies the SIC code or codes covered by each industry title listed in *Employment and Earnings*. In addition, the *Guide* provides industry definitions and lists the beginning date of each series. The *Guide* is available free upon request.

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, construction workers, or nonsupervisory employees. These terms are defined below. When the pay period reported is longer than 1 week, the 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 relate to 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, and 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 for manufacturing and non-manufacturing industries 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 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, as 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 estimating procedure used to prepare estimates of employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of a modified cutoff type of sample.

The "Link Relative" Technique

From a sample of establishments, which report for both the previous and current months, the ratio of current month employment to that of the previous month is computed. 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 used for estimating industry employment, hours, earnings, and labor turnover statistics are described in the table on page 12-E. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Nonagricultural Industries* and on *Measurement of Labor Turnover*, which are available upon request.

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 on page 12-E, 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 1963 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 between the previous benchmark and the month in which the adjusted series is published 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, 1909-64*, Bulletin 1312-2 (Dec. 1964), and contains monthly statistics from the earliest date of availability through August 1964.

THE SAMPLE

Design

The sample design used in the BLS establishment employment and labor turnover statistics programs is that of a modified cutoff sample. In a cutoff design, all establishments in a category are listed in sequence by number of employees. A cutoff point is selected in terms of the number of employees in an establishment, and only establishments above the cutoff point are included in the design. At present, sample selection is made by the cooperating State agencies at the area level with supplementation for establishments in sections of the State lying outside of the defined areas. The national sample therefore is then the sum of all the State samples.

In cutoff sampling, the general objective is to obtain a sample comprising a large enough proportion of universe employment so that satisfactory estimates can be prepared. Since employer participation in the BLS programs is voluntary, some establishments above the cutoff may decline to report. To replace these in the design, reports are solicited from the next largest establishments below the cutoff until the desired employment

coverage is attained. In addition, to meet the needs of preparing estimates of weekly hours and hourly earnings, procedures were introduced to secure representation of the smaller establishments in each industry. Because of this procedure, and also because sampling takes place primarily at the level of the metropolitan areas, which vary greatly in size, the sample includes a considerable number of small establishments, together with a very substantial proportion of the larger establishments in American industry.

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 1963¹

Industry division	Employees	
	Number reported	Percent of total
Mining	287,000	47
Contract construction	582,000	23
Manufacturing	10,753,000	64
Transportation and public utilities		
Railroad transportation (ICC)	737,000	97
Other transportation and public utilities	1,711,000	55
Wholesale and retail trade	2,265,000	20
Finance, insurance and real estate	1,020,000	36
Service and miscellaneous	1,541,000	19
Government		
Federal (Civil Service Commission) ²	2,334,000	100
State and local	3,459,000	50

¹Since 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.

²State 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 1963

Industry	Employees	
	Number reported	Percent of total
Manufacturing	9,131,000	55
Metal mining	58,000	75
Coal mining	62,000	42
Communications:		
Telephone	578,000	85
Telegraph	25,000	73

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 instead of the standard error of the estimates, since it is not possible to compute a mathematically precise statement of error unless the estimates are based on a probability sample. 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	1961	1962	1963
Total	100.0	99.3	101.0
Mining	99.4	99.2	100.3
Contract construction.	99.9	93.9	101.5
Manufacturing.	99.7	99.4	100.1
Transportation and public utilities	100.7	100.4	100.0
Wholesale and retail trade.	100.5	100.1	100.6
Finance, insurance, and real estate	101.0	99.9	99.8
Service and miscellaneous	99.4	98.0	100.8
Government	100.0	100.0	103.8

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.

The high degree of reliability of BLS estimates is due to the relatively large percentage of the employment universe covered by the sample, the frequent adjustments of employment estimates to benchmark levels, and the use of special techniques, such as stratification by size and/or region.

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, it becomes of less importance 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.

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* 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, 1939-63*, BLS Bulletin 1370-1. For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented from the earliest date of availability of each series through 1963.

Seasonal Adjustment

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

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description and illustration of the basic method was published in the August 1960 *Monthly Labor Review*, and a revised version is described in the 1962 Report of the President's Committee to Appraise Employment and Unemployment Statistics, *Measuring Employment and Unemployment*, Appendix G, "The Bureau of Labor Statistics Seasonal Factor Method."

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. Seasonally adjusted aggregate weekly man-hours for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted. For total, manufacturing, and

durable and nondurable goods, aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries.

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 1964 *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 1964 are published in the February 1965 *Employment and Earnings*. 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)
Monthly Data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers; women employees .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production-or nonsupervisory-worker estimates, or women estimates, 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.
Annual Average Data		
All employees and production or nonsupervisory workers.	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

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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 94101 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
COLORADO - U. S. Bureau of Labor Statistics, Denver 80202 (Employment). Department of Employment, Denver 80203 (Turnover).
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