



# EMPLOYMENT and EARNINGS

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### Special Announcement

Beginning next month, all data and analysis that regularly appear in the two Department of Labor publications, *Employment and Earnings* and the *Monthly Report on the Labor Force* will be merged into a single publication. The title of the combined report will be *Employment and Earnings and Monthly Report on the Labor Force*.

This consolidation is being made in the interest of economy and in order to speed up publication of the detailed industry employment, hours, and earnings statistics. The new publication will be available 2 weeks earlier than previous issues of *Employment and Earnings*, or about 5 weeks following the week for which data are reported.

*Employment and Earnings and Monthly Report on the Labor Force* is available at a subscription price of \$7.00 per year (\$8.25 for foreign mailing). Current subscribers to *Employment and Earnings* will receive the new publication until expiration of their subscriptions. For details on ordering see page 16-E.

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#### 1965 Annual Averages (Special Section (pp. 69-80))

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1965 annual averages for all series regularly appearing in Section A.

##### Establishment Data:

Preliminary 1965 annual averages for major divisions and two-digit manufacturing industries. Final annual averages for establishment data will appear in the March issue.

#### New Series

Employment (Table B-7), Hours and Earnings (Table C-8) for: Lawrence-Haverhill, Massachusetts  
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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 1964, the present benchmark date, are therefore subject to revision.

Beginning with December 1965 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 1964 benchmarks. Therefore, issues of Employment and Earnings prior to December 1965 cannot be used in conjunction with national industry data now shown in sections B, C, and D. Comparable data for prior periods will be published in Employment and Earnings Statistics for the United States, 1909-65, BLS Bulletin 1312-3.

When industry data are again adjusted to new benchmarks another edition of Employment and Earnings Statistics for the United States will be issued containing the revised data extending from April 1964 forward to a current date, as well as the prior historical statistics.

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# Industry Employment Statistics in the United States

## Fifty Years of Development

by John P. Wymer\*

Prior to 1915, the principal sources of employment data in the United States were the census surveys--the decennial Census of Population and, beginning with 1899, the quinquennial Census of Manufactures. There existed no regular compilation of employment data between the census dates. By 1915, some State agencies were already compiling employment statistics but only three of these--Massachusetts, New York, and New Jersey--were collecting reasonably complete employment data. Although these three were important manufacturing States, the information collected by them failed to give an accurate cross section of manufacturing for the country as a whole because of the high degree of industrial specialization in these States. This was particularly true in Massachusetts, where manufacturing was restricted principally to the textile and boot and shoe industries.

In July 1915, at the time of publication of the first issue of the *Monthly Labor Review*, it was evident that lack of current employment statistics by industry for the Nation as a whole constituted a serious gap in the statistical program of the United States Government. The initial issue of the *Monthly Labor Review* contained reports on employment statistics for Germany, Great Britain, Australia, Canada, Denmark, Finland, France, the Netherlands, Norway, Sweden, and Switzerland. Later issues during 1915 and 1916 contained additional data for several of these countries and for Austria and Italy. While the content and quality of the statistics for these countries varied considerably, data for the three largest countries--Great Britain, Germany, and France--were superior to any published for the United States until after World War I.

### Program Beginnings

As an initial step in closing this gap, the Bureau of Labor Statistics began to collect

and publish employment statistics monthly, beginning with October 1915, for four industries--boots and shoes, cotton goods, cotton finishing, and hosiery and underwear. By November 1916, the monthly surveys had been expanded to cover nine additional industries--woolen textiles, silk textiles, men's readymade clothing, iron and steel, car building and repairing, cigar manufacturing, automobile manufacturing, leather manufacturing, and papermaking. At first, the series consisted merely of data on over-the-month changes in employment and payrolls, computed from small samples. In December 1916, the survey covered 574 establishments having a total employment of 519,185.<sup>1</sup>

In February 1918, index series on employment and payrolls, using a January 1915 reference base, were developed for each of the 13 industries, but these series were dropped after March 1919.

The cooperative program with State agencies for the preparation of industry employment statistics for States and areas, which is now one of the outstanding features of the BLS industry employment statistics program, had its faint beginnings in this period. As early as March 1916, the Bureau of Labor Statistics had entered into a cooperative agreement with the New York State Department of Labor providing for use by both agencies of employment data collected by the latter agency. Beginning with March 1916, a monthly narrative report on employment in New York State prepared by the New York State Department of Labor, was frequently republished in the *Monthly Labor Review*. It is interesting to note that, at that time, the figures for New York were based on a larger, more representative sample than were the national statistics.

No new developments occurred in the program until after World War I. The short recession in 1918 and 1919 and the longer more

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<sup>1</sup> At that time, the most recent *Census of Manufactures* (for 1914) showed a total of 268,400 establishments and employment of 7,514,000 in all manufacturing.

## ACKNOWLEDGEMENTS

The information shown in this publication is obtained through the joint cooperation of private individuals and organizations, business establishments, and several government agencies.

Labor force statistics, showing the employment status and hours of work of the noninstitutional population, both farm and nonfarm, are compiled each month from data obtained by personal interviews of a sample of 35,000 households in 357 areas throughout the country. Percentages of the population in a given category are derived from the sample and then applied to independent population estimates prepared by the Bureau of the Census. Monthly data on the labor force are collected and tabulated by the Bureau of the Census under contract with the Bureau of Labor Statistics.

Payroll employment statistics, which provide detailed industry information for the Nation, States, and major areas are based on data supplied by employers. Each month a sample of industrial, commercial, and government establishments, employing collectively about 25 million workers, voluntarily submits data, drawn from payroll records, to the State agencies cooperating with BLS. In these agencies, data are extracted for preparation of estimates on State and area employment, hours, and earnings. The establishment reports are then sent to the BLS for use in the preparation of national estimates. This program is conducted jointly by State employment security agencies, the Bureau of Labor Statistics, and the Bureau of Employment Security in 44 States and the District of Columbia; in the remaining States, the program is a cooperative endeavor by State Departments of Labor and the BLS.

Contribution (tax) reports filed by employers subject to State unemployment insurance laws are the major source of benchmarks by means of which overall estimates of nonfarm employment are prepared and adjusted. These reports, covering about three-fourths of the total number of nonfarm employees in the United States, are collected and tabulated by State employment security agencies under the direction of BES. Benchmark data for the remaining portion of nonfarm employment are obtained by BLS from information collected under the programs of the Social Security Administration, the Civil Service Commission, the Interstate Commerce Commission, and a number of other agencies, either private or government.

Labor turnover statistics, showing the rate of accessions and separations, by industry, for the Nation and for selected States and areas are based on data voluntarily supplied by employers. The sample used is smaller than that for the payroll employment statistics and is limited to manufacturing, mining, and communication industries. The State agencies in the labor turnover statistics program have the same responsibilities as in the employment statistics program. In 50 States and the District of Columbia, the program is operated by the State employment security agencies, BLS, and BES.

intense postwar depression of 1920 and 1921 impelled a number of government officials, businessmen, labor leaders, and economists to address themselves to the problems of reconstruction and unemployment. As a result of their investigations, they became doubly aware of the need for more comprehensive information concerning the employment situation. A Conference on Unemployment was called by President Harding in 1921 and two committees were formed, one headed by Henry M. Robinson (the Committee on Employment Statistics) and the other headed by Owen D. Young (the Committee on Unemployment and Business Cycles) which addressed themselves to this problem. The reports of these committees stressed publication of nationwide statistics on employment to show (1) trends of employment and unemployment as a social condition affecting human beings and their welfare; and (2) trends of production and business activity.

### Surveys Extended

Probably in part as a result of this recommendation, Congress made additional funds available to the Bureau of Labor Statistics for the fiscal year 1922-23, and the monthly employment surveys were extended in July 1922 to cover 29 additional manufacturing industries. The number was gradually increased to include a total of 52 manufacturing industries, grouped into 12 major categories (e.g., food and kindred products), by October 1923. In April 1924, indexes of employment for all manufacturing, the major groups, and the individual industries were published for the first time. This first series, which began with data for July 1922, was based on the 1923 average as 100, and was weighted by employment for the various industries as shown by the 1919 *Census of Manufactures*. In March 1925, a similar index series on payrolls was inaugurated. Between September 1928 and June 1929, eight nonmanufacturing groups were added to the list of industries for which the Bureau published over-the-month changes. In December 1929, the sample in manufacturing industries covered 12,200 establishments having 3,265,000 employees.<sup>2</sup> For all industries surveyed, the sample included 34,400 establishments.

<sup>2</sup> The *Census of Manufactures* for 1929 covered 206,700 establishments with average annual employment of 9,660,000.

These advances in the program followed recommendations of committees appointed by the American Statistical Association in 1922 and 1923 to study the measurement of employment. These committees included leading statisticians of the Federal Government and of State departments of labor.

### Federal-State Cooperation Initiated

Out of the committee activity, came a recommendation for greater participation of the State labor departments in the employment statistics program. In addition to the States which were collecting data before the Federal program was initiated, the Industrial Commission of Wisconsin began to collect employment statistics in 1915 and similar work was undertaken by several other States in the postwar depression of 1920-21.

Federal-State cooperation for the collection of employment statistics developed slowly during this period. Wisconsin joined New York as the second State in this program in July 1920, and five other States made agreements with the Bureau of Labor Statistics before 1928. Throughout the decade, employment statistics prepared by State agencies were published each month in the *Monthly Labor Review*. For example, in March 1925, data prepared by the State departments of labor for California, Illinois, Iowa, Maryland, Massachusetts, New York, Oklahoma, and Wisconsin were published. The statistical methods used in preparing these data were very primitive. In most cases, only the percentage changes between the current and previous month in employment and payrolls for a sample of identical establishments were presented. Data for broader categories, e.g., manufacturing, were obtained merely by adding together the samples for component industries. The statistics were not comparable among the various States, nor with the data for the Nation as a whole. Interest in employment statistics languished, however, during the prosperous years from 1923 to 1929, and little was done by other States toward developing reliable employment statistics.

### Bureau Activity Reflects National Issues

During the twenties, the Bureau's employment and payroll statistics began to be used in economic analyses. One of the earliest examples

is the article in the *Monthly Labor Review* of March 1922 by the Commissioner of Labor Statistics, Ethelbert Stewart, entitled "Trend of Employment in the Manufacturing Industries in the United States, June 1914, to December 1921." In 1926, Ewan Clague was engaged by the Bureau to conduct a study of productivity in a number of industries. To derive indexes for use in computing productivity per man-hour, he made extensive use of the employment indexes in conjunction with *Census of Manufactures* data on man-hours and some of the Bureau's studies on wages and hours in specific industries.

The stock market crash in October 1929 was followed by the Great Depression. In 1930, the deepening economic crisis with its attendant problem of mass unemployment impelled President Hoover to appoint an Advisory Committee on Employment Statistics to study the need for expanded data in the subject field. This committee, headed by Professor Joseph H. Willits of the University of Pennsylvania, with Ewan Clague as one of its technical advisors, reported in the spring of 1931. Among the recommendations which were to have considerable impact on the subsequent development of employment statistics were: (a) the development of employment "indexes" for additional non-manufacturing industries, notably contract construction and service industries; (b) the tabulation of employment data for some entire States and for some leading cities, especially in those areas where no State department of labor was conducting local tabulations; (c) the introduction of certain technical improvements, developed by the Division of Research and Statistics of the Federal Reserve Board, necessary to bring the BLS indexes of manufacturing employment and payrolls into alignment with data shown in the biennial *Census of Manufactures* for 1923 and following years; and (d) the development of a program for the collection of man-hours data for wage earners in manufacturing. To implement these recommendations, the Advisory Committee also recommended that Congress provide an additional appropriation of \$200,000 for the fiscal year 1932, with \$50,000 of this amount to be made available immediately in the spring of 1931. Congress granted a substantial portion of these recommended funds.

During the Great Depression when mass unemployment threatened to become a permanent aspect of American life, there was much controversy among various authorities concerning

the actual number of unemployed. Even at this time, there were still no reliable measures of either unemployment or total employment. In the early years of the Roosevelt administration, however, the U.S. Secretary of Labor made frequent references to the Bureau's employment data for use as an indirect measure of unemployment. The need for more comprehensive measures of employment became increasingly urgent and current estimates of wage and salary workers in nonagricultural establishments were developed not only for the segment as a whole, but in some industry detail. In 1936, the Bureau began its publication, as a mimeographed release, of a series on employment in nonagricultural establishments. After September 1940, estimates of total non-agricultural employment (including proprietors and firm members, self-employed persons, casual workers, and domestic workers)<sup>3</sup> and of wage and salary workers in nonagricultural establishments were published monthly in the *Monthly Labor Review*. In the case of employment in nonagricultural establishments, estimates were also given for major industry groups (e.g., mining, manufacturing). These series were based originally on the 1930 *Census of Population* data on employment and unemployment.

### Benchmark Revisions Initiated

A comparison of the Bureau's indexes of manufacturing employment and payrolls with *Census of Manufactures* data over the period 1923-29 showed a downward bias of approximately 9 percent in the Bureau's indexes. If factory employment had been estimated for the year 1929 on the basis of the Bureau's unadjusted indexes, using the 1923 index as comparable to census factory employment for that year, the Bureau's estimate would have been below the 1929 census levels by approximately 1,000,000. Using a procedure developed by the Federal Reserve Board, the Bureau of Labor Statistics revised its indexes over the period

<sup>3</sup>This series on total nonagricultural employment was discontinued in October 1941, when the Works Progress Administration's *Monthly Report on Employment* (after August 1942, the *Monthly Report on the Labor Force*, by the Bureau of the Census) became available. This series provided estimates of labor force, employment, and unemployment based on a nationwide sample of households.

1923-29 so that they approximated the census levels in each of the years 1923, 1925, 1927, 1929, and 1931.<sup>4</sup> This project was the first of the periodic revisions of establishment employment series to new "benchmark" levels. BLS Bulletin 610, which presented the revised indexes, also included for the first time monthly estimates of employment and payrolls for all manufacturing and its major industry groups. The series on manufacturing employment and payrolls were subsequently adjusted to benchmarks derived from the 1933, 1935, 1937, and 1939 *Census of Manufactures* as these appeared. Employment and payroll indexes for various nonmanufacturing industries were also adjusted to data from the several Censuses of Business taken during the 1930's.

### Current Collection of Hours and Earnings Data Instituted

In 1932, the Bureau began the collection of data on production worker man-hours, and in January 1933 published average hourly earnings, average weekly hours, and average weekly earnings, as well as indexes of employment and payrolls, for 90 manufacturing industries in 15 groups and for 14 nonmanufacturing industries. These new data formed an important adjunct to the Bureau's statistical series as they made available for the first time data on current trends in hours and earnings. Their importance as economic indicators was quickly recognized, as attested by their extensive use in articles in the *Monthly Labor Review* analyzing economic trends reflected by BLS statistical data. In later years, similar use was made of the newly developed series on nonagricultural employment.

### State and Area Data Developed

Interest in employment data for States and areas was also stimulated in the 1930's by the overriding importance of the problem of unemployment. By 1935, employment data were being gathered in 19 States, including all the

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<sup>4</sup>*Revised Indexes of Factory Employment and Payrolls, 1919 to 1933* (BLS Bulletin 610, 1935), by Lewis E. Talbert and Alice Olenin. The techniques used were developed at the Federal Reserve Board by William A. Berridge, Woodlief Thomas, and Aryness Joy (Wickens) and at the Federal Bank of Philadelphia by J. Frederic Dewhurst.

major industrial States. This was an increase of nine States since 1928. Federal-State cooperation for the collection of employment statistics developed slowly during this period, however. By 1936, only 12 States participated in this program, an increase of only 5 States since 1928.

Beginning with data for December 1931, a table was published each month in the *Monthly Labor Review* showing percentage changes in employment and payrolls, by State, between the current and previous month for a sample of establishments. This tabulation presented data by State for all manufacturing, a selection of nonmanufacturing industries, and for all industries, combined. Although publication of this table was discontinued after July 1934, State employment statistics of the same type, but covering all industries and manufacturing only, were published monthly after July 1935. Also, beginning with December 1931, percentage changes in employment and payrolls, calculated from a sample for all industries, were published for the 13 cities which had populations in excess of 500,000 in 1930. Crude as these statistics were, they did represent the first attempt by the BLS to provide current employment data for all States and major cities on a monthly basis.

These statistics were not adequate representations of employment conditions in States and areas, so the Bureau constructed State indexes based on employment changes and weighted by industry employment. The weights used were derived from the 1933 *Census of Manufactures* and *Census of Business* and the 1932 *Census of Mineral Industries*. These indexes were based on 1932-33 averages and although not published, were used extensively to answer inquiries on the degree of recovery reached in any State, from the depths of the depression, and for comparison with other economic series.

During 1938-39, the need for estimates of actual State employment resulted in the creation of a unit whose sole responsibility was to compile estimates of nonagricultural employment. By 1940, estimates of employment levels for all 48 States and the District of Columbia were published. Each State series was the sum of 20 to 60 components. Unemployment compensation data, census data, and the BLS sample reports together with data from other sources provided the basic materials. The series were

revised in 1942 and publication of them continued until 1947.

### Estimates at National Level

By 1935, data on employment, payrolls, and hours and earnings were published at the national level for all manufacturing, durable and nondurable goods manufacturing, 90 manufacturing industries, and 21 nonmanufacturing categories including building construction, Federal Government, and Class I railroads. No material change in program content occurred after 1935 until the beginning of World War II.

The onset of that conflict in 1939, followed by the entry of the United States after the assault on Pearl Harbor in December 1941, placed additional demands on the Bureau's employment statistics program. Perhaps the most noteworthy development of these years was that the additional responsibilities placed upon the system pointed up the need for greater uniformity between the various programs of establishment-based statistics on employment and related subjects as compiled by the BLS, the Bureau of the Census, and the agencies administering the emerging social insurance programs. Differences in concepts, in industrial classification, and in reporting practices often limited the usefulness of these statistics in wartime planning and in economic analysis. While most improvements had to await the end of the war, several important advances took place during those years.

After the adjustment of the national series for manufacturing industries to the 1939 *Census of Manufactures*, employment estimates were published monthly for all major groups and 157 industries in manufacturing. These series, first published in January 1943, provided estimates back to 1939. Estimates of employment in 11 nonmanufacturing industries were published in May 1943.

### Recourse to Social Insurance Statistics

A most far-reaching decision was to use as employment benchmarks the statistical data which became available about 1940 as a by-product of the newly organized social insurance programs. The Social Security Act, passed in 1935, provided for the collection of employment and payroll data from firms subject to the

provisions of the act. These data could be used for both statistical and administrative purposes. Summary tabulations of such materials became available about 1940 from the unemployment insurance program (prepared by the State employment security agencies, with the Bureau of Employment Security acting as coordinator). These data became the preferred sources of benchmarks because they encompassed industrial categories not covered by the censuses of manufactures and censuses of business, notably contract construction and finance, insurance, and real estate. Further benchmarks were available from the social insurance system on an annual basis, whereas after 1939, the *Census of Manufactures* was only taken for the years 1947, 1954, 1958, and 1963 and the final results were generally not published until 2 or 3 years afterward. The intervals between the other industrial censuses were of like magnitude. The statistics from the unemployment insurance system became the principal source of benchmarks for the BLS industry employment statistics program; this partly because the data become available on an annual basis, but mainly because of the close ties engendered between the State employment security agencies and the BLS, through development of the State and area employment statistics program in the 1940's and the 1950's. These benchmarks had to be supplemented, of course, by data from other sources in the case of industries which were not covered or were only partially covered by the unemployment insurance program. However, the unemployment insurance data cover about 75 percent of the total employment in nonagricultural industries, and reasonably adequate benchmarks are available for the remaining segments.

### Program Effects of World War II

The efforts of the Bureau during the years 1940-45 were not directed primarily toward technical improvement, but toward providing the military and civilian war agencies with data on employment, payrolls, and hours and earnings in industries important to the war effort. To this end, series were inaugurated in 1942 for 67 additional manufacturing industries, largely those engaged in the production of materials of key importance in the war program. The division also prepared special



analyses and tabulations by industry and area for the Congress, the Army, the War Production Board, and the War Labor Board. A considerable number of requests for special tabulations of employment, hours, and earnings data were received each month by the Bureau, during the war years. In 1940, the War and Navy Departments began to use indexes of hourly earnings as the basis of escalator clauses in defense contracts. These clauses provided for additional compensation in the case of an advance in average hourly earnings between the time a contract was signed and completion of the material on order.

Several series which ultimately became a regular part of the industry employment statistics program were first developed during World War II. One was the series on straight-time hourly earnings in manufacturing industries. During the depression years, overtime work had been quite rare, and the overtime provisions of the Fair Labor Standards Act of 1938 were designed primarily to discourage scheduling of overtime. As the United States became more and more involved in the war effort, after 1939, the need for additional manpower was met in part by the use of overtime. Hence, the Bureau's monthly series on gross average hourly earnings no longer reflected the trend of straight-time earnings as they had before World War II. In 1942, the Bureau reviewed the information in its files on hours of work in manufacturing and derived a mathematical relationship between straight-time and gross hours which permitted the estimation on a current basis of straight-time earnings in manufacturing and its major industry groups.

Manpower needs during the war were also met by increased employment of women. Beginning with 1942, the Bureau collected semi-annual data on the number of women production workers in manufacturing, but this survey was discontinued in 1947 when the Bureau's budget was reduced severely.

The concept of "spendable" weekly earnings was also developed during this period. Prior to the late 1930's, gross weekly earnings and "take-home" pay were practically synonymous. The introduction of payroll taxes for social insurance programs and, particularly, the practice after 1942 of withholding income taxes meant that there was considerable difference between actual weekly earnings and the amount of the worker's paycheck. The series on spend-

able earnings was first introduced in a *Monthly Labor Review*, March 1944 article entitled "Spendable Earnings of Factory Workers, 1941-43."<sup>5</sup> This series, which was eventually carried back to 1939, has been published regularly since 1948.

When tabulations of employment data reported to State unemployment insurance agencies first became available, in the early 1940's, providing benchmarks for employment series, the feeling grew that the proper place to estimate State and area employment was in the State agencies. In 1944, as a first step in this direction, the preparation of State employment series was transferred to the Bureau's eight regional offices, where staffs were set up for the purpose of preparing employment statistics. In States with which the Bureau had cooperative agreements, the regional office staffs advised and assisted the State agencies. For the other States, the estimates were actually prepared in the regional offices.

One effect of World War II on the domestic economy was to eliminate the chronic mass unemployment which beset the entire decade of the 1930's. With the memory of that unhappy period in mind, Congress passed the Employment Act of 1946. When he signed the act, President Truman stated that it was a commitment of the Federal Government "to take measures necessary for a healthy economy, one that provides opportunities for those able, and willing, and seeking to work." Under this legislation, the President was given the duty of formulating programs to carry out the purposes of the law. His recommendations were to be presented to the Congress at the beginning of each session, in an "Economic Report." To assist the President in these duties, the Council of Economic Advisors was established in the Executive Office of the President. Within Congress, the Joint Committee on the Economic Report was set up under the act to study the recommendations of the President as embodied in his Economic Report. The responsibilities of the Council, combined with the activity of the Joint Committee, were ultimately to produce considerable demands that improved data and new statistical series be made available from the statistical agencies of the Federal Government.

<sup>5</sup>This series differed somewhat in concept from the currently published series in that it also reflected payroll deductions for War Bonds, a practice considered to be nearly universal during that period.

The immediate postwar period, however, was a period of program contraction. In 1947, the Congress reduced the Bureau's budget, to bring its activities back to the prewar level. In making curtailments, the Bureau dropped the series on women production workers in all manufacturing and discontinued the regional office preparation of employment statistics. The emphasis, as far as State and area employment statistics were concerned, was shifted toward their preparation by the State agencies under cooperative agreement with BLS.

### Cooperative Program Includes All States

In the long run, this arrangement proved advantageous to both the Bureau and the State agencies. By 1949, the last State had joined the program.<sup>6</sup> Thirty-two States became cooperators in the 5-year period, 1945-49. In most instances, the cooperating State agencies were State employment security agencies. As the program spread to all States, the view of the purposes of cooperation changed and broadened. Cooperation had been initiated primarily to reduce the burden of reporting statistics for employers, but even in the earlier years there had been some emphasis on the desirability of having adequate systems of State statistics developed by the cooperating State agencies. Cooperation on a national plane between the Bureau of Labor Statistics and the Bureau of Employment Security brought about rapid development in the cooperative program of employment statistics. On the one side, the BLS was interested in developing the system to achieve maximum industrial detail, accuracy and comparability in national, State, and area statistics; on the other, the Bureau of Employment Security had an urgent need for accurate, current, and detailed employment statistics for States and local areas, to facilitate program operations of the various State employment security systems. Since 1949, when the BLS received augmented appropriations for its work on employment statistics and a joint program for financing the activity was worked out between BLS and BES, the program has been financed in part by the Federal grants toward administration of the employment security system, in part by

<sup>6</sup> Alaska and Hawaii were brought into the cooperative program shortly after they were admitted to the Union in 1959.

appropriations to the Bureau of Labor Statistics, and in the six States where the cooperating agency is other than the employment security agency, by State legislative action. Technical direction of the State program has been the responsibility of the BLS, effected in part through instructional materials developed in the national office, and in part by the advice and assistance supplied to the State agencies by technical staff working out of the BLS regional offices.

By the end of 1949, estimates of employment in manufacturing were being published for all States and the District of Columbia. Estimates of total employment in nonagricultural establishments were published for 30 States and 14 areas. For 10 additional areas, employment estimates were published for manufacturing. Hours and earnings averages for production workers in manufacturing were published for 27 States and 31 areas. Five years later, estimates of total employment were published for 46 States, the District of Columbia and 79 areas. Hours and earnings for manufacturing were published for 48 States and 103 areas.

### Program Improvements, 1945-65

The period from 1945 to 1950 was characterized by a major overhaul of the techniques and procedures for estimating employment, hours, and earnings. The revision of the series to 1947 benchmarks, in 1949, was the most significant event in this process. As a result of this revision, estimates of employment at all levels of industry detail were for the first time revised to benchmarks derived directly from the unemployment insurance (UI) program operations, for those industries covered by the program. Prior to 1943, the unemployment insurance agencies had only tabulated the data at quite broad industry levels (e.g., food and kindred products; apparel), but in that year their reports were summarized at the next finer degree of industry detail. This made it possible to set up a list of industries in the detail desired by BLS which could be revised directly to coincide with UI benchmarks. Also, in 1947, the BLS adopted the same system of industrial classification as that used by the unemployment security agencies, the 1942 Social Security Board Classification system for nonmanufacturing, and the 1945 Standard Industrial Classification system for manufacturing, prepared by the Bureau of the

Budget. Prior to this time, industry classification in the BLS industry employment statistics program had been closely tied to those used in the various Censuses of Manufactures and Censuses of Business taken during the 1920's and 1930's. There was also a substantial improvement in the quality of employment estimates for industries not covered by the unemployment insurance program, due to the development of new benchmark sources for these industries.

Considerable attention was also paid to the development of continuous historical series during this period. By 1950, as a result of this effort, national series on total employment in nonagricultural establishments and for each of the major divisions were prepared, and carried back to 1919. Series for individual industries and industry groups, going back in some instances for employment series to 1939 and for hours and earnings series back to 1932, were also prepared.

The program continued to show a steady growth throughout the 1950's, not only in terms of the volume of statistics provided, but also in meeting the increasing demand for information both on the part of Federal agencies and the public. In late 1949, the Bureau instituted a series on the number of women employed in manufacturing and, later, added series on employment of women in a number of nonmanufacturing industries. The Korean conflict of 1950-53 involved the Bureau of Labor Statistics in activities similar to those in which it had engaged in World War II. Among these was a quarterly survey of establishments in metalworking industries, to obtain information on plant operations and other matters. This project was conducted by the Bureau during 1951 and 1952.

In August 1954, the Bureau took over, from the Federal Reserve Board, the preparation of seasonally adjusted estimates of employment by industry division and major industry groups in manufacturing and began publishing these series on a regular monthly basis. Later, seasonally adjusted series were developed on average weekly hours and on aggregate man-hours in manufacturing and certain nonmanufacturing categories. In January 1956, the collection of overtime man-hours in manufacturing was instituted, and before the end of the year, series were being prepared on average overtime hours in major industry groups in manufacturing.

The Bureau first made use of machine tabulation equipment to prepare its tabulations of employment and payroll data in the early 1930's. For a long time thereafter, however, the actual calculations of employment and payroll estimates and indexes and hours and earnings averages continued to be performed by statistical clerks using desk calculators. In the 1950's, however, increasingly efficient electronic data-processing equipment became available, and by the early 1960's, nearly all the routine calculations involved in estimation and benchmark adjustment, including the arithmetic tests of individual sample reports for reasonableness, were performed on EDP equipment.

A major adjustment of the series to 1958 and 1959 benchmarks was completed in 1961. This revision introduced a number of innovations. The 1957 Standard Industrial Classification was adopted for both manufacturing and nonmanufacturing industries. Benchmarks stratified by employment size became available for the first time, so that size stratification could be introduced into the estimation process. Estimates for a number of additional industries, particularly in manufacturing, were introduced. New benchmark sources became available, particularly for certain classes of nonprofit organizations as a result of the virtually total election of old-age, survivors, and disability insurance coverage by establishments in these categories under the 1950 amendments to the Social Security Act.

As a result of the revision, estimates of total employment were published at the national level for 365 industrial categories, an increase of almost 50 percent over the 246 for which data were previously published. The number of industries for which average hours and earnings were published decreased slightly, however, from 364 to 323; intensive review had indicated that for some industries these averages were not sufficiently reliable to meet publication standards. Employment series were published for every industry for which hours and earnings averages were published; previously, the corresponding employment data were not available for 160 series on hours and earnings. The number of manufacturing industries for which data on average overtime hours were published increased sixfold, from 24 to 143. These statistics were based on a sample which included, in the fall of 1965, nearly 140,000 reports from American industry and government.

This sample was used also to prepare a large body of employment statistics for States and areas. In September 1965, employment and hours and earnings series were available for 50 States, the District of Columbia and 170 areas of which 160 were Standard Metropolitan Statistical Areas, as defined by the Bureau of the Budget in 1965. Approximately 7,200 employment series and hours and earnings series for about 3,300 industries are published by the States and areas.

As a part of the revision of the national series to 1964 benchmarks, all series hitherto unpublished were subjected to a thorough review to determine which could meet publication criteria. As a result of this review, employment series for 36 industries and hours and earnings series for 34 industries were considered to meet the criteria and included among those published.

An active sample expansion program is currently in progress, directed toward implementing a newly developed sample design. If additional resources are provided to bring this program to fulfillment, the sample will be considerably strengthened and monthly employment, hours, and earnings series can be published for many industries for which at present the samples are inadequate. Among these are employment series for nearly 200 industries for which only benchmark data are published annually for the month of March. As the performance of series becomes adequate, as measured by predetermined standards, they may be moved into the published category. In this way, a gradual expansion of published detail can be effected. It is hoped that, in the

next few years, current statistics on employment, hours, and earnings can be developed and published for the 64 Standard Metropolitan Statistical Areas not yet covered by the program.

### Bulletins and Other Publications

Data produced in the course of the program have been published in the *Monthly Labor Review* since January 1916. A monthly bulletin containing the series has been issued since June 1924. The latter publication was called *Employment In Selected Industries* until August 1928, at which time the title was changed to *Trends of Employment*. After July 1935, the bulletin was entitled *Employment and Payrolls*. After January 1948, the hours and earnings series growing out of the program were published in a separate bulletin called *Hours and Earnings*. In May 1954, these two publications were again combined into a single periodical, *Employment and Earnings*.

The past few years have witnessed an important addition to the Bureau's regular publication on employment statistics. A volume entitled *Employment and Earnings Statistics for the United States* provides monthly data on all series produced at the national level, by the industry employment statistics program, back to the beginning of each series. This volume is revised annually. A companion volume, *Employment and Earnings Statistics for States and Areas*, provides annual averages for all employment and hours and earnings series published by State agencies, back to the beginning of the series. This publication is also issued each year.

# HOUSEHOLD DATA

**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 <sup>1</sup>			Unemployed <sup>1</sup>			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
1929.....	(2)	49,440	(2)	49,180	47,630	10,450	37,180	1,550	3.2	-	(2)
1930.....	(2)	50,080	(2)	49,820	45,480	10,340	35,140	4,340	8.7	-	(2)
1931.....	(2)	50,680	(2)	50,420	42,400	10,290	32,110	8,020	15.9	-	(2)
1932.....	(2)	51,250	(2)	51,000	38,940	10,170	28,770	12,060	23.6	-	(2)
1933.....	(2)	51,840	(2)	51,590	38,760	10,090	28,670	12,830	24.9	-	(2)
1934.....	(2)	52,490	(2)	52,230	40,890	9,900	30,990	11,340	21.7	-	(2)
1935.....	(2)	53,140	(2)	52,870	42,260	10,110	32,150	10,610	20.1	-	(2)
1936.....	(2)	53,740	(2)	53,440	44,410	10,000	34,410	9,030	16.9	-	(2)
1937.....	(2)	54,320	(2)	54,000	46,300	9,820	36,480	7,700	14.3	-	(2)
1938.....	(2)	54,950	(2)	54,610	44,220	9,690	34,530	10,390	19.0	-	(2)
1939.....	(2)	55,600	(2)	55,230	45,750	9,610	36,140	9,480	17.2	-	(2)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	69,300	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	62,099	59,748	7,497	52,251	3,351	5.3	-	46,181
1951.....	112,075	65,983	58.9	62,884	60,784	7,048	53,736	2,099	3.3	-	46,092
1952.....	113,270	66,560	58.8	62,966	61,035	6,792	54,243	1,932	3.1	-	46,710
1953 <sup>3</sup> .....	115,094	67,362	58.5	63,815	61,945	6,555	55,390	1,870	2.9	-	47,732
1954.....	116,219	67,818	58.4	64,468	60,890	6,495	54,395	3,578	5.6	-	48,401
1955.....	117,388	68,896	58.7	65,848	62,944	6,718	56,225	2,904	4.4	-	48,492
1956.....	118,734	70,387	59.3	67,530	64,708	6,572	58,135	2,822	4.2	-	48,348
1957.....	120,445	70,744	58.7	67,946	65,011	6,222	58,789	2,936	4.3	-	49,699
1958.....	121,950	71,284	58.5	68,647	63,966	5,844	58,122	4,681	6.8	-	50,666
1959.....	123,366	71,946	58.3	69,394	65,581	5,836	59,745	3,813	5.5	-	51,420
1960 <sup>4</sup> .....	125,368	73,126	58.3	70,612	66,681	5,723	60,958	3,931	5.6	-	52,242
1961.....	127,892	74,175	58.0	71,603	66,796	5,463	61,333	4,806	6.7	-	53,677
1962 <sup>5</sup> .....	130,081	74,681	57.4	71,894	67,846	5,190	62,657	4,007	5.6	-	55,400
1963.....	132,124	75,712	57.3	72,975	68,809	4,946	63,863	4,166	5.7	-	56,412
1964.....	134,143	76,971	57.4	74,233	70,357	4,761	65,596	3,876	5.2	-	57,172
1965.....	136,241	78,357	57.5	75,635	72,179	4,585	67,594	3,456	4.6	-	57,884
1964: 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
May.....	135,982	78,425	57.7	75,741	72,407	5,128	67,278	3,335	4.4	4.6	57,556
June.....	136,160	80,683	59.3	78,003	73,716	5,622	68,094	4,287	5.5	4.7	55,477
July.....	136,252	81,150	59.6	78,457	74,854	5,626	69,228	3,602	4.6	4.5	55,102
August.....	136,473	80,163	58.7	77,470	74,212	5,136	69,077	3,258	4.2	4.5	56,310
September....	136,670	78,044	57.1	75,321	72,446	4,778	67,668	2,875	3.8	4.4	58,626
October.....	136,862	78,713	57.5	75,953	73,196	4,954	68,242	2,757	3.6	4.3	58,149
November....	137,043	78,598	57.4	75,803	72,837	4,128	68,709	2,966	3.9	4.2	58,445
December....	137,226	78,477	57.2	75,636	72,749	3,645	69,103	2,888	3.8	4.1	58,749

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

<sup>2</sup>Not available.

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

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

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

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

# HOUSEHOLD DATA

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

(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 <sup>1</sup>			Unemployed <sup>1</sup>		Percent of labor force		
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force			
									Not seasonally adjusted			Seasonally adjusted
<b>MALE</b>												
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060	
1944.....	51,980	46,670	89.8	35,460	35,110	7,020	28,090	350	1.0	-	5,310	
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242	
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213	
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354	
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457	
1951.....	54,996	46,674	84.9	43,612	42,362	5,791	36,571	1,250	2.9	-	8,322	
1952.....	55,503	47,001	84.7	43,454	42,237	5,623	36,614	1,217	2.8	-	8,502	
1953 <sup>2</sup> .....	56,534	47,692	84.4	44,194	42,966	5,496	37,470	1,228	2.8	-	8,840	
1954.....	57,016	47,847	83.9	44,537	42,165	5,429	36,736	2,372	5.3	-	9,169	
1955.....	57,484	48,054	83.6	45,041	43,152	5,479	37,673	1,889	4.2	-	9,430	
1956.....	58,044	48,579	83.7	45,756	43,999	5,268	38,731	1,757	3.8	-	9,465	
1957.....	58,813	48,649	82.7	45,882	43,990	5,037	38,952	1,893	4.1	-	10,164	
1958.....	59,478	48,802	82.1	46,197	43,042	4,802	38,240	3,155	6.8	-	10,677	
1959.....	60,100	49,081	81.7	46,562	44,089	4,749	39,340	2,473	5.3	-	11,019	
1960 <sup>3</sup> .....	61,000	49,507	81.2	47,025	44,485	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 <sup>4</sup> .....	63,234	50,175	79.3	47,380	44,892	4,266	40,626	2,488	5.3	-	13,059	
1963.....	64,163	50,573	78.8	47,867	45,330	4,021	41,309	2,537	5.3	-	13,590	
1964.....	65,065	51,118	78.6	48,110	46,139	3,884	42,255	2,271	4.7	-	13,947	
1965.....	66,027	51,705	78.3	49,014	47,034	3,729	43,304	1,980	4.0	-	14,322	
1964: December.....	65,516	50,480	77.0	47,784	45,645	3,247	42,398	2,139	4.5	4.3	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	4.3	14,649	
May.....	65,893	51,908	78.8	49,255	47,314	4,098	43,216	1,941	3.9	4.2	13,985	
June.....	65,974	53,395	80.9	50,746	48,431	4,416	44,015	2,315	4.6	4.1	12,579	
July.....	66,041	54,019	81.8	51,356	49,287	4,384	44,903	2,069	4.0	4.1	12,022	
August.....	66,145	53,360	80.7	50,697	48,896	4,095	44,801	1,801	3.6	4.0	12,785	
September.....	66,235	51,398	77.6	48,706	47,199	3,763	43,436	1,507	3.1	3.9	14,837	
October.....	66,323	51,481	77.6	48,753	47,290	3,835	43,456	1,462	3.0	3.9	14,842	
November.....	66,406	51,200	77.1	48,438	46,910	3,351	43,559	1,528	3.2	3.6	15,205	
December.....	66,489	51,148	76.9	48,340	46,615	3,106	43,509	1,726	3.6	3.5	15,340	
<b>FEMALE</b>												
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140	
1944.....	52,650	19,370	36.8	19,170	18,850	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	16,848	1,338	15,510	735	4.1	-	37,520	
1949.....	55,745	18,048	32.4	18,030	16,947	1,386	15,561	1,083	6.0	-	37,697	
1950.....	56,404	18,680	33.1	18,657	17,584	1,226	16,358	1,073	5.8	-	37,724	
1951.....	57,078	19,309	33.8	19,272	18,421	1,257	17,164	851	4.4	-	37,770	
1952.....	57,766	19,558	33.9	19,513	18,798	1,170	17,628	715	3.7	-	38,208	
1953 <sup>2</sup> .....	58,561	19,668	33.6	19,621	18,979	1,061	17,918	642	3.3	-	38,893	
1954.....	59,203	19,971	33.7	19,931	18,724	1,067	17,657	1,207	6.1	-	39,232	
1955.....	59,904	20,842	34.8	20,806	19,790	1,239	18,551	1,016	4.9	-	39,062	
1956.....	60,690	21,808	35.9	21,774	20,707	1,306	19,401	1,067	4.9	-	38,883	
1957.....	61,632	22,097	35.9	22,064	21,021	1,184	19,837	1,043	4.7	-	39,535	
1958.....	62,472	22,482	36.0	22,451	20,924	1,042	19,882	1,526	6.8	-	39,990	
1959.....	63,265	22,865	36.1	22,832	21,492	1,037	20,405	1,340	5.9	-	40,401	
1960 <sup>3</sup> .....	64,368	23,619	36.7	23,587	22,196	1,045	21,151	1,390	5.9	-	40,749	
1961.....	65,705	24,257	36.9	24,225	22,478	955	21,523	1,747	7.2	-	41,448	
1962 <sup>4</sup> .....	66,848	24,507	36.7	24,474	22,954	924	22,031	1,519	6.2	-	42,341	
1963.....	67,962	25,141	37.0	25,109	23,479	925	22,554	1,629	6.5	-	42,822	
1964.....	69,079	25,854	37.4	25,823	24,218	877	23,341	1,605	6.2	-	43,225	
1965.....	70,215	26,653	38.0	26,621	25,145	856	24,289	1,476	5.5	-	43,562	
1964: December.....	69,619	26,086	37.5	26,056	24,730	541	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	
May.....	70,089	26,517	37.8	26,486	25,093	1,031	24,062	1,393	5.3	5.4	43,572	
June.....	70,186	27,288	38.9	27,257	25,284	1,206	24,079	1,972	7.2	5.8	42,899	
July.....	70,212	27,132	38.6	27,101	25,567	1,242	24,325	1,534	5.7	5.2	43,080	
August.....	70,329	26,804	38.1	26,773	25,316	1,041	24,275	1,457	5.4	5.3	43,525	
September.....	70,434	26,646	37.8	26,615	25,246	1,015	24,232	1,368	5.1	5.3	43,788	
October.....	70,538	27,231	38.6	27,200	25,905	1,119	24,786	1,295	4.8	5.3	43,306	
November.....	70,638	27,398	38.8	27,365	25,926	777	25,149	1,438	5.3	5.4	43,240	
December.....	70,737	27,329	38.6	27,296	26,134	539	25,595	1,162	4.3	5.1	43,408	

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

# HOUSEHOLD DATA

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

Employment status	(In thousands)								
	Total			Male			Female		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
Total . . . . .	137,226	137,043	135,135	66,489	66,406	65,516	70,737	70,638	69,619
Total labor force . . . . .	78,477	78,598	76,567	51,148	51,200	50,480	27,329	27,398	26,086
Civilian labor force . . . . .	75,636	75,803	73,841	48,340	48,438	47,784	27,296	27,365	26,056
Employed . . . . .	72,749	72,837	70,375	46,615	46,910	45,645	26,134	25,926	24,730
Agriculture . . . . .	3,645	4,128	3,785	3,106	3,351	3,247	539	777	538
Nonagricultural industries . . . . .	69,103	68,709	66,590	43,509	43,559	42,398	25,595	25,149	24,192
Unemployed . . . . .	2,888	2,966	3,466	1,726	1,528	2,139	1,162	1,438	1,327
Looking for full-time work . . . . .	2,211	2,196	2,757	1,352	1,172	1,763	859	1,024	994
Looking for part-time work . . . . .	676	770	709	373	356	376	303	414	333
Not in labor force . . . . .	58,749	58,445	58,568	15,340	15,205	15,035	43,408	43,240	43,533

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

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
	Total . . . . .	2,888	2,966	3,466	3.8	3.9	4.7	100.0	100.0
Male . . . . .	1,726	1,528	2,139	3.6	3.2	4.5	59.8	51.5	61.8
14 to 19 years . . . . .	476	420	464	12.4	10.9	14.1	16.5	14.1	13.4
14 and 15 years . . . . .	72	60	47	12.1	9.3	9.2	2.5	2.0	1.4
16 to 19 years . . . . .	405	359	417	12.4	11.3	15.0	14.0	12.1	12.0
20 to 24 years . . . . .	250	233	351	5.3	4.9	7.3	8.7	7.9	10.1
25 to 34 years . . . . .	270	212	378	2.7	2.1	3.8	9.4	7.1	10.9
35 to 44 years . . . . .	239	210	330	2.2	1.9	3.0	8.3	7.1	9.5
45 to 54 years . . . . .	227	189	314	2.3	1.9	3.1	7.9	6.4	9.1
55 to 64 years . . . . .	208	194	244	3.1	2.9	3.6	7.2	6.5	7.0
65 years and over . . . . .	56	71	60	2.7	3.5	2.9	1.9	2.4	1.7
Female . . . . .	1,162	1,438	1,327	4.3	5.3	5.1	40.2	48.5	38.2
14 to 19 years . . . . .	324	398	361	10.2	12.8	13.3	11.2	13.4	10.4
14 and 15 years . . . . .	30	17	11	6.9	3.8	2.9	1.0	.6	.3
16 to 19 years . . . . .	294	381	350	10.8	14.3	14.9	10.2	12.8	10.1
20 to 24 years . . . . .	180	233	210	5.2	7.3	6.4	6.2	8.5	6.1
25 to 34 years . . . . .	187	211	234	4.1	4.7	5.4	6.5	7.1	6.7
35 to 44 years . . . . .	214	260	248	3.7	4.5	4.4	7.4	8.8	7.2
45 to 54 years . . . . .	146	186	168	2.5	3.2	2.9	5.1	6.3	4.8
55 to 64 years . . . . .	75	101	86	2.1	2.8	2.5	2.6	3.4	2.5
65 years and over . . . . .	34	31	19	3.5	3.2	2.0	1.2	1.0	.5

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

Industry	Unemployment rate			Percent distribution		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
Total . . . . .	3.8	3.9	4.7	100.0	100.0	100.0
Experienced wage and salary workers . . . . .	3.5	3.7	4.4	80.7	81.4	80.2
Agriculture . . . . .	8.9	9.1	13.2	3.8	4.5	4.9
Nonagricultural industries . . . . .	3.4	3.5	4.2	76.9	76.9	75.3
Mining, forestry, fisheries . . . . .	5.6	2.6	6.3	1.2	.6	1.2
Construction . . . . .	7.9	6.5	12.7	11.2	9.4	14.4
Manufacturing . . . . .	3.4	3.5	4.2	23.8	23.6	23.2
Durable goods . . . . .	2.9	3.0	4.0	11.3	11.5	12.2
Nondurable goods . . . . .	4.2	4.2	4.6	12.5	12.2	11.0
Transportation and public utilities . . . . .	2.6	1.9	2.4	4.3	3.0	3.2
Wholesale and retail trade . . . . .	3.8	4.1	4.5	16.4	17.0	15.4
Finance, insurance, and real estate . . . . .	1.9	2.1	1.7	2.1	2.3	1.4
Service industries . . . . .	2.9	3.5	3.2	16.1	18.7	14.2
Public administration . . . . .	1.5	1.9	2.1	2.0	2.4	2.3
Self-employed and unpaid family workers . . . . .	1.2	.7	1.1	3.7	2.2	3.2
No previous work experience . . . . .	-	-	-	15.6	16.4	16.6
14 to 19 years . . . . .	-	-	-	12.7	13.4	13.0
20 years and over . . . . .	-	-	-	2.8	3.0	3.6

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

Occupation	Unemployment rate			Percent distribution		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
Total .....	3.8	3.9	4.7	100.0	100.0	100.0
White-collar workers .....	1.9	2.1	1.9	22.7	23.6	18.4
Professional and technical .....	1.3	1.3	1.0	4.2	3.9	2.6
Managers, officials, and proprietors .....	1.0	1.2	1.3	2.5	2.9	2.8
Clerical workers .....	2.6	2.9	3.0	10.7	11.5	9.5
Sales workers .....	2.9	3.1	2.4	5.3	5.2	3.5
Blue-collar workers .....	4.6	4.2	6.0	44.0	39.7	47.0
Craftsmen and foremen .....	3.2	2.5	4.7	10.7	8.2	12.8
Operatives .....	4.4	4.4	5.6	22.0	21.4	22.5
Nonfarm laborers .....	8.3	7.6	10.7	11.3	10.2	11.8
Service workers .....	3.9	4.7	4.8	13.5	16.0	13.3
Private household workers .....	3.0	4.5	3.1	2.6	3.8	2.3
Other service workers .....	4.2	4.8	5.3	10.9	12.2	11.0
Farm workers .....	3.4	3.2	4.4	4.2	4.2	4.7
Farmers and farm managers .....	.8	.5	1.0	.6	.3	.6
Farm laborers and foremen .....	7.1	6.3	9.2	3.6	3.9	4.1
No previous work experience .....	-	-	-	15.6	16.4	16.6

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

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
<b>COLOR</b>									
Total .....	2,888	2,966	3,466	3.8	3.9	4.7	100.0	100.0	100.0
White, total .....	2,289	2,328	2,750	3.4	3.5	4.2	79.3	78.5	79.3
Male .....	1,423	1,205	1,722	3.3	2.8	4.0	49.3	40.6	49.7
Female .....	866	1,123	1,028	3.6	4.7	4.5	30.0	37.9	29.7
Nonwhite, total .....	598	638	716	7.1	7.5	8.8	20.7	21.5	20.7
Male .....	303	323	418	6.2	6.5	8.7	10.5	10.9	12.1
Female .....	296	315	299	8.4	8.7	8.8	10.2	10.6	8.6
<b>MARITAL STATUS</b>									
Total .....	2,888	2,966	3,466	3.8	3.9	4.7	100.0	100.0	100.0
Male .....	1,726	1,528	2,139	3.6	3.2	4.5	59.8	51.5	61.7
Married, wife present .....	755	676	1,061	2.0	1.8	2.9	26.1	22.8	30.6
Single .....	810	692	878	9.6	8.3	10.8	28.0	23.3	25.3
14 to 19 years .....	462	414	447	12.8	11.4	14.3	16.0	13.9	12.9
20 years and over .....	348	278	431	7.2	5.8	8.6	12.0	9.4	12.4
Other marital status .....	161	161	200	6.6	6.1	8.2	5.6	5.4	5.8
Female .....	1,162	1,438	1,327	4.3	5.3	5.1	40.2	48.5	38.3
Married, husband present .....	538	691	590	3.5	4.5	4.1	18.6	23.3	17.0
Single .....	379	474	438	5.8	7.2	7.0	13.1	16.0	12.6
14 to 19 years .....	267	325	296	9.7	12.0	12.4	9.2	11.0	8.5
20 years and over .....	112	150	142	2.9	3.9	3.7	3.9	5.1	4.1
Other marital status .....	245	273	299	4.5	5.0	5.6	8.5	9.2	8.6
<b>HOUSEHOLD RELATIONSHIP</b>									
Total .....	2,888	2,966	3,466	3.8	3.9	4.7	100.0	100.0	100.0
Household head .....	1,055	1,015	1,420	2.3	2.2	3.1	36.5	34.2	41.0
Living with relatives .....	850	794	1,185	2.1	2.0	3.0	29.5	26.8	34.2
Not living with relatives .....	204	221	235	3.8	4.1	4.4	7.1	7.5	6.8
Wife of head .....	517	665	570	3.5	4.4	4.0	17.9	22.4	16.4
Other relative of head .....	1,242	1,220	1,386	9.2	9.0	10.8	43.0	41.1	40.0
Non-relative of head .....	73	66	90	5.3	4.7	6.4	2.5	2.2	2.6



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

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964		Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
<b>Total</b> . . . . .	2,888	2,966	3,466	100.0	100.0	100.0	<b>Total</b> . . . . .	2,888	2,966	3,466	100.0	100.0	100.0
Less than 5 weeks . . . . .	1,442	1,620	1,630	49.9	54.6	47.0	Persons on temporary layoff . . . . .	115	108	103	4.0	3.6	3.0
5 to 14 weeks . . . . .	846	815	1,034	29.3	27.5	29.8							
5 and 6 weeks . . . . .	259	215	295	9.0	7.2	8.5	Persons scheduled to begin new jobs within 30 days.	66	97	106	2.3	3.3	3.1
7 to 10 weeks . . . . .	355	374	445	12.3	12.6	12.8							
11 to 14 weeks . . . . .	233	226	294	8.1	7.6	8.5							
15 weeks and over . . . . .	600	531	802	20.8	17.9	23.2	All other unemployed . . . . .	2,707	2,761	3,257	93.7	93.1	94.0
15 to 26 weeks . . . . .	334	257	416	11.6	8.7	12.0							
27 weeks and over . . . . .	266	274	387	9.2	9.2	11.2							
Average (mean) duration . . . . .	11.6	11.1	12.8	-	-	-							

**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		
	Dec. 1965	Dec. 1964	Dec. 1965	Dec. 1964	Dec. 1965	Dec. 1964	Dec. 1965	Dec. 1964	
<b>INDUSTRY</b>									
<b>Total</b> . . . . .	20.8	23.1	100.0	100.0	9.2	11.2	100.0	100.0	100.0
Experienced wage and salary workers . . . . .	20.0	22.4	77.5	77.7	9.3	11.2	81.3	80.6	87.2
Agriculture . . . . .	16.5	13.5	3.0	2.9	4.6	7.6	1.9	3.4	1.6
Nonagricultural industries . . . . .	20.2	23.0	74.5	74.9	9.5	11.5	79.4	77.3	85.6
Mining, forestry, fisheries . . . . .	(1)	(1)	1.2	1.7	(1)	(1)	3.0	2.3	.8
Construction . . . . .	13.6	9.4	7.3	5.8	3.7	4.0	4.5	5.2	5.4
Manufacturing . . . . .	20.6	25.1	23.5	25.1	8.0	11.1	20.6	23.3	26.5
Durable goods . . . . .	23.1	30.0	12.5	15.8	6.8	15.1	8.2	16.5	15.0
Nondurable goods . . . . .	18.3	19.7	11.0	9.3	9.1	6.8	12.4	6.7	11.5
Transportation and public utilities . . . . .	28.5	27.0	5.8	3.7	13.0	16.2	6.0	4.7	6.2
Wholesale and retail trade . . . . .	20.8	24.3	16.5	16.2	9.7	12.3	17.2	17.1	16.6
Finance, insurance, and real estate, and service industries . . . . .	21.2	28.6	18.5	19.3	12.8	14.6	25.1	20.4	25.1
Public administration . . . . .	(1)	(1)	1.8	3.0	(1)	(1)	3.0	4.4	5.0
Self-employed and unpaid family workers . . . . .	26.9	27.0	4.8	3.7	21.3	14.4	8.6	4.1	12.2
No previous work experience . . . . .	23.5	25.9	17.6	18.6	6.0	10.3	10.1	15.2	.6
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	20.8	23.1	100.0	100.0	9.2	11.2	100.0	100.0	100.0
White-collar workers . . . . .	23.6	31.9	25.8	25.3	11.7	17.6	28.8	28.9	44.7
Professional and technical . . . . .	21.3	(1)	4.3	3.1	13.1	(1)	6.0	3.9	12.2
Managers, officials, and proprietors . . . . .	(1)	(1)	2.7	3.0	(1)	(1)	1.9	3.1	9.7
Clerical workers . . . . .	22.7	38.7	11.7	15.8	10.4	20.7	12.0	17.6	15.8
Sales workers . . . . .	27.9	22.0	7.2	3.4	15.6	13.8	9.0	4.4	7.1
Blue-collar workers . . . . .	19.0	17.9	40.2	36.2	9.1	7.5	43.1	31.8	36.8
Craftsmen and foremen . . . . .	14.3	12.7	7.3	7.0	8.1	6.6	9.4	7.5	12.7
Operatives . . . . .	21.4	20.4	22.7	19.8	11.2	7.4	26.6	15.0	18.9
Nonfarm laborers . . . . .	18.7	18.6	10.2	9.5	5.8	8.8	7.1	9.3	5.2
Service workers . . . . .	18.7	30.0	12.2	17.2	9.5	17.8	13.9	21.2	13.3
Private household workers . . . . .	(1)	(1)	4.3	3.1	(1)	(1)	3.7	3.1	3.3
Other service workers . . . . .	14.9	29.6	7.8	14.1	8.6	18.3	10.1	18.1	10.0
Farm workers . . . . .	20.8	13.5	4.2	2.7	9.2	6.7	4.1	2.8	4.6
Farmers and farm managers . . . . .	(1)	(1)	1.7	.5	(1)	(1)	2.6	.5	2.7
Farm laborers and foremen . . . . .	14.4	12.7	2.5	2.2	3.8	6.3	1.5	2.3	1.9
No previous work experience . . . . .	23.5	25.9	17.6	18.6	6.0	10.3	10.1	15.2	.6

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

# HOUSEHOLD DATA

**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		
	Dec. 1965	Dec. 1964	Dec. 1965	Dec. 1964	Dec. 1965	Dec. 1964	Dec. 1965	Dec. 1964	
<b>AGE</b>									
Total	20.8	23.1	100.0	100.0	9.2	11.2	100.0	100.0	100.0
Male	19.8	21.0	57.2	56.2	9.0	10.7	58.6	58.8	63.9
14 to 19 years	14.7	20.9	11.7	12.1	3.6	7.1	6.4	8.5	5.1
20 to 24 years	12.8	15.7	5.3	6.9	2.8	5.4	2.6	4.9	6.3
25 to 44 years	19.3	16.4	16.3	14.5	9.0	8.5	17.3	15.5	27.7
45 years and over	29.1	29.5	23.8	22.7	17.5	18.8	32.3	29.9	24.9
Female	22.2	26.5	42.8	43.8	9.5	12.0	41.4	41.2	36.1
14 to 19 years	20.1	19.1	10.8	8.6	1.2	6.9	1.5	6.4	4.2
20 to 24 years	12.2	28.6	3.7	7.5	8.3	12.9	5.6	7.0	4.6
25 to 44 years	22.1	26.0	14.8	15.6	11.7	11.9	17.7	14.7	13.6
45 years and over	31.6	35.4	13.5	12.1	17.2	18.6	16.5	13.1	13.7
<b>COLOR</b>									
Total	20.8	23.1	100.0	100.0	9.2	11.2	100.0	100.0	100.0
White, total	19.1	22.1	73.0	75.7	9.0	10.1	78.2	72.3	88.9
Male	19.7	20.4	46.7	43.9	9.5	9.8	50.8	43.5	57.5
Female	18.2	24.8	26.3	31.8	8.4	10.8	27.4	28.8	31.5
Nonwhite, total	27.1	27.4	27.0	24.3	9.7	14.9	21.8	27.7	11.1
Male	20.5	23.4	10.3	12.2	6.9	14.1	7.9	15.3	6.5
Female	33.8	32.4	16.7	12.1	12.5	16.1	13.9	12.4	4.6
<b>MARITAL STATUS</b>									
Total	20.8	23.1	100.0	100.0	9.2	11.2	100.0	100.0	100.0
Male	19.8	21.0	57.2	56.2	9.0	10.7	58.6	58.8	63.9
Married, wife present	20.8	20.0	26.1	26.4	12.3	12.3	35.1	33.9	49.5
Single	17.4	20.7	23.6	22.7	5.8	6.9	17.4	15.8	11.2
14 to 19 years	15.2	21.0	11.8	11.7	3.7	6.9	6.4	8.0	4.8
20 years and over	20.4	20.4	11.8	11.0	8.3	7.0	10.9	7.8	6.4
Other marital status	27.3	28.0	7.3	7.0	9.9	18.0	6.0	9.3	3.2
Female	22.2	26.5	42.8	43.8	9.5	12.0	41.4	41.2	36.1
Married, husband present	21.7	25.3	19.4	18.6	10.2	9.8	20.8	15.0	20.2
Single	20.6	26.3	13.0	14.3	4.0	12.8	5.7	14.5	8.7
14 to 19 years	21.7	21.3	9.5	7.9	1.5	7.4	1.5	5.7	3.7
20 years and over	18.8	36.6	3.5	6.5	9.8	23.9	4.2	8.8	5.0
Other marital status	25.7	29.4	10.5	11.0	16.3	15.1	15.1	11.6	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		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
Total	2,211	2,196	2,757	676	770	709	23.4	26.0	20.5
Male	1,352	1,172	1,763	373	356	376	21.6	23.3	17.6
14 to 19 years	186	151	218	290	268	246	60.9	64.0	53.0
Major activity:									
Going to school	17	8	21	279	257	242	94.3	97.0	92.0
All other	169	143	199	12	11	6	6.6	7.1	2.9
20 to 24 years	220	197	313	29	36	38	11.6	15.5	10.8
25 to 54 years	710	598	977	26	15	44	3.5	2.4	4.3
55 years and over	236	225	255	29	40	51	10.9	15.1	16.7
Female	859	1,024	994	303	414	333	26.1	28.8	25.1
14 to 19 years	169	207	199	155	192	162	47.8	48.1	44.9
Major activity:									
Going to school	15	11	13	145	163	151	90.6	93.7	92.1
All other	154	195	187	12	29	11	7.2	12.9	5.6
20 to 24 years	144	193	175	36	60	35	20.0	23.7	16.7
25 to 54 years	464	531	540	85	125	109	15.5	19.1	16.8
55 years and over	83	94	80	26	37	26	23.9	28.2	24.5

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

Age and sex	Thousands of persons			Labor force participation rate		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
	<b>Total</b> . . . . .	78,477	78,598	76,567	57.2	57.4
<b>Male</b> . . . . .	51,148	51,200	50,480	76.9	77.1	77.0
14 to 19 years . . . . .	4,209	4,187	3,787	39.9	39.9	37.6
14 and 15 years . . . . .	593	645	512	16.5	18.0	14.5
16 and 17 years . . . . .	1,430	1,417	1,287	40.6	40.2	36.0
18 and 19 years . . . . .	2,186	2,124	1,988	64.0	62.8	67.1
20 to 24 years . . . . .	5,933	5,936	5,746	86.7	87.0	87.2
25 to 34 years . . . . .	10,259	10,656	10,589	96.9	97.2	97.0
35 to 44 years . . . . .	11,453	11,463	11,494	97.4	97.4	97.0
45 to 54 years . . . . .	10,124	10,176	10,075	95.1	95.7	95.5
55 to 64 years . . . . .	6,755	6,732	6,749	84.0	83.8	85.0
55 to 59 years . . . . .	3,928	3,926	3,899	89.6	89.7	90.1
60 to 64 years . . . . .	2,827	2,806	2,850	77.2	76.7	78.9
65 years and over . . . . .	2,045	2,049	2,041	26.6	26.6	26.8
<b>Female</b> . . . . .	27,329	27,398	26,086	38.6	38.8	37.5
14 to 19 years . . . . .	3,181	3,120	2,729	30.9	30.4	27.7
14 and 15 years . . . . .	440	444	376	12.6	12.7	11.0
16 and 17 years . . . . .	1,000	991	927	29.1	28.8	26.6
18 and 19 years . . . . .	1,740	1,686	1,426	51.8	50.7	48.7
20 to 24 years . . . . .	3,493	3,491	3,301	51.0	51.1	49.8
25 to 34 years . . . . .	4,522	4,515	4,309	40.2	40.1	38.3
35 to 44 years . . . . .	5,752	5,774	5,619	46.6	46.7	45.1
45 to 54 years . . . . .	5,779	5,863	5,731	51.2	52.0	51.5
55 to 64 years . . . . .	3,630	3,653	3,444	41.2	41.5	39.8
55 to 59 years . . . . .	2,211	2,241	2,089	46.7	47.4	45.0
60 to 64 years . . . . .	1,419	1,412	1,355	34.8	34.7	33.8
65 years and over . . . . .	971	979	953	9.8	9.9	9.8

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

Age and sex	(In thousands)					
	Male			Female		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
<b>All industries</b> . . . . .	46,615	46,910	45,645	26,134	25,926	24,730
14 to 19 years . . . . .	3,372	3,412	2,824	2,851	2,717	2,362
20 to 24 years . . . . .	4,479	4,519	4,448	3,300	3,225	3,081
25 to 34 years . . . . .	9,584	9,680	9,453	4,327	4,296	4,069
35 to 44 years . . . . .	10,840	10,886	10,762	5,534	5,512	5,367
45 to 54 years . . . . .	9,807	9,900	9,675	5,631	5,675	5,561
55 to 64 years . . . . .	6,543	6,534	6,501	3,555	3,554	3,357
65 years and over . . . . .	1,990	1,978	1,981	937	949	932
<b>Nonagricultural industries</b> . . . . .	43,509	43,559	42,398	25,595	25,149	24,192
14 to 19 years . . . . .	3,046	3,000	2,524	2,804	2,629	2,324
20 to 24 years . . . . .	4,299	4,303	4,217	3,266	3,187	3,047
25 to 34 years . . . . .	9,168	9,252	9,048	4,263	4,210	3,994
35 to 44 years . . . . .	10,268	10,284	10,176	5,416	5,439	5,231
45 to 54 years . . . . .	9,157	9,214	9,013	5,502	5,492	5,443
55 to 64 years . . . . .	5,951	5,939	5,861	3,440	3,396	3,268
65 years and over . . . . .	1,620	1,569	1,560	904	897	886
<b>Agriculture</b> . . . . .	3,106	3,351	3,247	539	777	538
14 to 19 years . . . . .	326	412	300	47	88	39
20 to 24 years . . . . .	180	216	231	35	38	34
25 to 34 years . . . . .	416	430	405	64	85	75
35 to 44 years . . . . .	573	603	585	118	173	136
45 to 54 years . . . . .	651	687	663	127	184	118
55 to 64 years . . . . .	592	594	640	115	158	89
65 years and over . . . . .	369	410	421	33	52	47

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

Characteristics	(In thousands)								
	Total			Male			Female		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
<b>CLASS OF WORKER</b>									
<b>Total</b> . . . . .	72,749	72,837	70,375	46,615	46,910	45,645	26,134	25,926	24,730
Nonagricultural industries . . . . .	69,103	68,709	66,590	43,509	43,559	42,398	25,595	25,149	24,192
Wage and salary workers . . . . .	62,497	62,075	59,687	38,841	38,909	37,414	23,656	23,166	22,273
Private household workers . . . . .	2,596	2,641	2,581	233	257	241	2,362	2,384	2,339
Government workers . . . . .	10,023	9,820	9,645	5,803	5,731	5,678	4,220	4,089	3,967
Other wage and salary workers . . . . .	49,878	49,614	47,461	32,805	32,921	31,495	17,074	16,693	15,967
Self-employed workers . . . . .	6,009	6,053	6,307	4,614	4,593	4,908	1,395	1,460	1,399
Unpaid family workers . . . . .	597	581	596	53	57	76	544	524	520
Agriculture . . . . .	3,645	4,128	3,785	3,106	3,351	3,247	539	777	538
Wage and salary workers . . . . .	1,118	1,355	1,114	980	1,126	995	138	229	119
Self-employed workers . . . . .	2,029	2,137	2,168	1,907	1,995	2,061	121	142	107
Unpaid family workers . . . . .	499	637	503	219	230	191	280	407	312
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	72,749	72,837	70,375	46,615	46,910	45,645	26,134	25,926	24,730
White-collar workers . . . . .	33,153	32,498	32,255	18,155	17,908	18,083	15,000	14,587	14,171
Professional and technical . . . . .	9,095	9,151	9,071	5,668	5,711	5,667	3,427	3,439	3,403
Managers, officials, and proprietors . . . . .	7,250	7,026	7,448	6,153	5,977	6,398	1,097	1,048	1,050
Clerical workers . . . . .	11,623	11,463	10,766	3,332	3,274	3,120	8,292	8,189	7,646
Sales workers . . . . .	5,185	4,858	4,970	3,002	2,946	2,898	2,184	1,911	2,072
Blue-collar workers . . . . .	26,560	26,915	25,409	22,222	22,626	21,260	4,336	4,290	4,150
Craftsmen and foremen . . . . .	9,283	9,466	8,918	9,047	9,227	8,650	236	239	268
Operatives . . . . .	13,648	13,773	13,084	9,653	9,830	9,301	3,995	3,944	3,784
Nonfarm laborers . . . . .	3,628	3,676	3,407	3,522	3,569	3,309	105	107	98
Service workers . . . . .	9,665	9,603	9,178	3,356	3,268	3,264	6,309	6,336	5,914
Private household workers . . . . .	2,396	2,432	2,407	60	58	64	2,336	2,375	2,344
Other service workers . . . . .	7,269	7,171	6,771	3,296	3,210	3,200	3,973	3,961	3,570
Farm workers . . . . .	3,372	3,819	3,530	2,882	3,106	3,036	489	713	497
Farmers and farm managers . . . . .	2,014	2,095	2,135	1,899	1,961	2,030	115	134	106
Farm laborers and foremen . . . . .	1,358	1,724	1,395	983	1,145	1,006	374	579	391

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**Table A-15: Employed persons, by hours worked**

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
Total	72,749	72,837	70,735	69,103	68,709	66,590	3,645	4,128	3,785
With a job but not at work	2,020	2,311	2,192	1,850	2,167	1,975	170	145	218
At work	70,729	70,525	68,182	67,254	66,542	64,615	3,476	3,983	3,567
1-34 hours	13,568	18,406	13,645	12,447	17,195	12,298	1,121	1,211	1,349
1-4 hours	966	1,058	981	912	995	928	53	63	53
5-14 hours	3,705	3,832	3,541	3,418	3,540	3,238	290	291	304
15-34 hours	8,893	13,516	54,536	8,114	12,657	8,131	779	859	993
35 hours or more	57,162	52,120	9,123	54,807	49,347	52,317	2,353	2,773	2,220
35-40 hours	32,913	28,966	31,671	32,330	28,341	31,066	583	625	605
41 hours and over	24,249	23,154	22,865	22,477	21,006	21,251	1,770	2,148	1,615
Average hours, total at work	40.4	39.7	40.2	40.2	39.3	40.1	43.8	45.6	41.4

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

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964
Total	72,749	72,837	70,375	69,103	68,709	66,590
With a job but not at work	2,020	2,311	2,192	1,850	2,167	1,975
At work	70,729	70,525	68,182	67,254	66,542	64,615
On full-time schedules	59,512	59,297	57,247	56,946	56,350	54,702
35 hours or more	57,162	52,120	54,536	54,807	49,347	52,317
1-34 hours for noneconomic reasons	2,350	7,177	2,711	2,139	7,003	2,385
Bad weather	346	341	713	248	259	495
Industrial dispute	12	42	4	12	42	4
Vacation	237	289	263	226	281	260
Illness	999	888	847	972	857	819
Holiday	65	4,824	230	61	4,814	228
All other reasons	692	793	654	620	750	579
On part time for economic reasons	1,911	1,971	2,301	1,627	1,746	1,989
Usually work full time	956	955	1,223	761	830	1,021
Average hours	22.1	24.0	23.0	22.6	24.3	23.3
Usually work part time	955	1,016	1,078	866	916	968
Average hours	17.7	17.3	17.9	17.6	17.2	17.7
On part time for noneconomic reasons; usually work part time	9,308	9,258	8,634	8,682	8,445	7,924

**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					
							Number			Percent paid		
	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964	Dec. 1965	Nov. 1965	Dec. 1964			
Total	2,020	2,311	2,192	1,850	2,167	1,975	1,597	1,848	1,639	44.3	44.6	45.6
Bad weather	62	53	175	41	26	104	31	19	54	(1)	(1)	(1)
Industrial dispute	29	34	23	29	34	23	29	34	23	-	-	-
Vacation	465	568	465	444	559	450	411	507	416	86.9	79.7	89.4
Illness	910	1,045	958	863	998	906	776	889	811	36.7	36.9	39.8
All other reasons	553	611	572	473	550	491	349	399	335	18.3	22.1	14.6

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

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

December 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 . . . . .	51,148	76.9	48,340	46,615	3,106	43,509	1,726	3.6	15,340	154	7,054	1,108	7,025
14 and 15 years . . . . .	593	16.5	593	521	97	424	72	12.1	3,006	3	2,971	4	27
16 and 17 years . . . . .	1,430	40.6	1,390	1,174	126	1,048	217	15.6	2,093	15	1,999	10	69
18 and 19 years . . . . .	2,186	64.0	1,865	1,677	104	1,574	188	10.1	1,230	-	1,112	18	100
20 to 24 years . . . . .	5,933	86.7	4,729	4,479	180	4,299	250	5.3	907	4	784	30	89
25 to 29 years . . . . .	5,382	96.1	4,938	4,771	200	4,571	167	3.4	215	-	129	26	59
30 to 34 years . . . . .	5,247	97.7	4,916	4,813	216	4,597	103	2.1	121	2	38	23	59
35 to 39 years . . . . .	5,681	98.4	5,447	5,326	252	5,075	121	2.2	93	2	3	39	48
40 to 44 years . . . . .	5,772	96.4	5,632	5,514	321	5,193	118	2.1	217	4	5	71	136
45 to 49 years . . . . .	5,294	95.5	5,225	5,110	298	4,813	115	2.2	249	4	7	91	147
50 to 54 years . . . . .	4,830	94.7	4,809	4,697	353	4,344	112	2.3	268	7	1	79	181
55 to 59 years . . . . .	3,928	89.6	3,925	3,811	292	3,519	114	2.9	455	2	1	139	312
60 to 64 years . . . . .	2,827	77.2	2,826	2,732	300	2,432	94	3.3	834	9	1	161	663
65 to 69 years . . . . .	1,160	41.0	1,160	1,117	182	935	43	3.7	1,667	29	-	110	1,528
70 years and over . . . . .	885	18.2	885	873	187	685	13	1.4	3,984	71	2	305	3,606
White . . . . .	46,028	77.2	43,457	42,034	2,725	39,310	1,423	3.3	13,588	138	6,164	946	6,339
Nonwhite . . . . .	5,121	74.5	4,883	4,581	382	4,199	303	6.2	1,753	16	889	162	685
Female . . . . .	27,329	38.6	27,296	26,134	539	25,595	1,162	4.3	43,408	35,099	6,823	700	786
14 and 15 years . . . . .	440	12.6	440	410	7	403	30	6.9	3,054	40	2,988	4	22
16 and 17 years . . . . .	1,000	29.1	1,000	880	28	852	120	12.0	2,436	218	2,188	8	22
18 and 19 years . . . . .	1,740	51.8	1,734	1,560	12	1,548	174	10.0	1,616	581	993	4	38
20 to 24 years . . . . .	3,493	51.0	3,480	3,300	35	3,266	180	5.2	3,355	2,766	534	22	33
25 to 29 years . . . . .	2,338	40.8	2,333	2,242	28	2,214	91	3.9	3,396	3,315	39	12	30
30 to 34 years . . . . .	2,184	39.5	2,181	2,085	36	2,049	96	4.4	3,343	3,278	20	12	33
35 to 39 years . . . . .	2,692	44.7	2,690	2,605	71	2,534	85	3.2	3,325	3,235	28	23	38
40 to 44 years . . . . .	3,060	48.3	3,058	2,929	47	2,882	129	4.2	3,278	3,232	12	13	21
45 to 49 years . . . . .	3,041	51.7	3,040	2,972	74	2,897	68	2.2	2,838	2,765	13	22	37
50 to 54 years . . . . .	2,738	50.6	2,737	2,659	53	2,605	78	2.9	2,673	2,603	5	35	30
55 to 59 years . . . . .	2,211	46.7	2,211	2,171	73	2,099	40	1.8	2,522	2,444	4	46	27
60 to 64 years . . . . .	1,419	34.8	1,419	1,384	42	1,341	35	2.5	2,662	2,548	-	39	75
65 to 69 years . . . . .	593	17.5	593	569	16	553	24	4.0	2,801	2,654	-	41	106
70 years and over . . . . .	378	5.8	378	368	17	351	10	2.7	6,111	5,419	-	418	274
White . . . . .	23,819	37.8	23,789	22,923	459	22,463	866	3.6	39,228	32,057	5,867	616	688
Nonwhite . . . . .	3,510	45.6	3,507	3,211	80	3,132	296	8.4	4,180	3,042	956	84	98

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

December 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 <sup>1</sup> . . . . .	100.0	85.0	1.1	1.3	12.5	100.0	18.0	50.8	15.7	15.5
Construction . . . . .	100.0	91.4	3.3	1.3	3.9	100.0	16.5	57.8	14.5	11.1
Manufacturing . . . . .	100.0	95.2	1.5	.4	2.9	100.0	8.3	57.8	18.8	15.1
Durable goods . . . . .	100.0	97.2	1.0	.3	1.5	100.0	6.3	58.4	19.5	15.8
Nondurable goods . . . . .	100.0	92.4	2.2	.6	4.7	100.0	10.9	57.1	17.7	14.2
Transportation and public utilities . . . . .	100.0	93.5	1.4	.8	4.3	100.0	9.4	60.4	13.5	16.7
Wholesale and retail trade . . . . .	100.0	75.7	.8	1.5	22.2	100.0	26.4	37.7	17.6	18.5
Finance, insurance, and real estate . . . . .	100.0	90.3	.4	.6	8.6	100.0	11.4	61.6	12.4	14.5
Service industries . . . . .	100.0	72.3	.7	2.7	24.3	100.0	30.0	43.0	12.8	14.2

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

# HOUSEHOLD DATA

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

December 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	Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	Average hours, total at work	
White-collar workers . . . . .	32,352	100.0	86.0	.3	.6	13.1	100.0	16.5	48.2	13.9	21.4	41.4
Professional and technical . . . . .	8,913	100.0	89.0	.1	.5	10.4	100.0	13.8	48.6	14.6	23.0	41.8
Managers, officials, and proprietors . . . . .	7,033	100.0	95.7	.3	.0	3.9	100.0	6.5	32.4	17.3	43.7	49.4
Clerical workers . . . . .	11,356	100.0	84.0	.3	.6	15.0	100.0	18.7	63.3	11.2	6.7	37.6
Sales workers . . . . .	5,050	100.0	71.9	.5	1.2	26.3	100.0	29.4	35.7	14.1	20.7	37.9
Blue-collar workers . . . . .	25,738	100.0	90.2	2.3	1.3	6.2	100.0	14.1	51.9	18.2	15.8	41.1
Craftsmen and foremen . . . . .	9,015	100.0	95.2	1.6	.7	2.5	100.0	9.4	53.3	20.0	17.3	42.4
Operatives . . . . .	13,224	100.0	90.8	2.5	.9	5.9	100.0	13.2	51.7	18.8	16.4	41.6
Nonfarm laborers . . . . .	3,499	100.0	76.0	3.2	3.9	17.0	100.0	29.4	49.3	11.7	9.7	35.6
Service workers . . . . .	9,426	100.0	64.2	1.1	3.9	30.8	100.0	38.3	36.5	13.1	12.1	34.0
Private household workers . . . . .	2,353	100.0	34.7	1.1	9.0	55.2	100.0	66.5	19.3	6.8	7.4	23.7
Other service workers . . . . .	7,073	100.0	74.0	1.1	2.2	22.6	100.0	28.8	42.3	15.2	13.6	37.4

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

December 1965

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total . . . . .	72,749	46,615	26,134	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers . . . . .	33,153	18,155	15,000	45.6	38.9	57.4	48.6	41.3	62.1	20.0	17.2	24.0
Professional and technical . . . . .	9,095	5,668	3,427	12.5	12.2	13.1	13.2	12.9	13.8	6.8	5.8	8.4
Medical and other health . . . . .	1,482	607	875	2.0	1.3	3.3	2.1	1.3	3.6	1.2	.9	1.6
Teachers, except college . . . . .	1,995	551	1,444	2.7	1.2	5.5	2.8	1.2	5.7	2.2	.9	4.2
Other professional and technical . . . . .	5,618	4,510	1,108	7.7	9.7	4.2	8.2	10.3	4.5	3.4	4.0	2.5
Managers, officials, and proprietors . . . . .	7,250	6,153	1,097	10.0	13.2	4.2	10.8	14.3	4.6	2.6	3.4	1.5
Salaries workers . . . . .	4,382	3,729	653	6.0	8.0	2.5	6.6	8.7	2.8	1.1	1.4	.7
Self-employed workers in retail trade . . . . .	1,345	1,057	288	1.8	2.3	1.1	2.0	2.4	1.2	.7	.9	.5
Self-employed workers, except retail trade . . . . .	1,523	1,367	156	2.1	2.9	.6	2.3	3.1	.6	.8	1.1	.3
Clerical workers . . . . .	11,623	3,332	8,292	16.0	7.1	31.7	16.9	7.2	34.5	8.6	6.4	11.6
Stenographers, typists, and secretaries . . . . .	3,064	41	3,024	4.2	.1	11.6	4.5	.1	12.7	1.5	.1	3.5
Other clerical workers . . . . .	8,559	3,291	5,268	11.8	7.1	20.2	12.3	7.1	21.8	7.1	6.3	8.1
Sales workers . . . . .	5,185	3,002	2,184	7.1	6.4	8.4	7.7	7.0	9.2	2.0	1.6	2.6
Retail trade . . . . .	3,305	1,299	2,007	4.5	2.8	7.7	4.9	3.0	8.4	1.6	1.1	2.3
Other sales workers . . . . .	1,880	1,703	177	2.6	3.7	.7	2.8	4.0	.7	.4	.5	.3
Blue-collar workers . . . . .	26,560	22,222	4,336	36.5	47.7	16.6	35.9	46.4	16.7	41.8	59.9	16.1
Craftsmen, foremen . . . . .	9,284	9,047	236	12.8	19.4	.9	13.4	20.2	.9	7.2	11.7	.7
Carpenters . . . . .	889	886	3	1.2	1.9	(1)	1.3	2.0	(1)	.7	1.2	-
Construction craftsmen, except carpenters . . . . .	1,828	1,812	15	2.5	3.9	.1	2.6	4.0	.1	1.8	3.1	-
Mechanics and repairmen . . . . .	2,323	2,305	19	3.2	4.9	.1	3.3	5.1	.1	2.0	3.4	(1)
Metal craftsmen, except mechanics . . . . .	1,151	1,139	11	1.6	2.4	(1)	1.7	2.6	(1)	.8	1.2	.1
Other craftsmen and kindred workers . . . . .	1,852	1,748	104	2.5	3.7	.4	2.7	3.9	.4	1.3	2.1	.2
Foremen, not elsewhere classified . . . . .	1,241	1,157	84	1.7	2.5	.3	1.8	2.7	.3	.6	.8	.4
Operatives . . . . .	13,648	9,653	3,995	18.8	20.7	15.3	18.5	20.1	15.4	21.2	25.9	14.6
Drivers and deliverymen . . . . .	2,510	2,459	52	3.5	5.3	.2	3.4	5.1	.2	4.1	6.8	.2
Other operatives . . . . .	11,138	7,194	3,943	15.3	15.4	15.1	15.1	15.0	15.2	17.2	19.1	14.4
Durable goods manufacturing . . . . .	4,489	3,374	1,115	6.2	7.2	4.3	6.2	7.2	4.5	5.6	7.8	2.4
Nondurable goods manufacturing . . . . .	3,692	1,673	2,018	5.1	3.6	7.7	5.0	3.4	7.9	5.6	5.0	6.5
Other industries . . . . .	2,957	2,147	810	4.1	4.6	3.1	3.8	4.4	2.8	6.0	6.3	5.5
Nonfarm laborers . . . . .	3,628	3,522	105	5.0	7.6	.4	4.0	6.0	.4	13.3	22.2	.7
Construction . . . . .	713	709	4	1.0	1.5	(1)	.8	1.2	(1)	2.5	4.3	.1
Manufacturing . . . . .	1,135	1,077	57	1.6	2.3	.2	1.2	1.8	.2	4.2	7.0	.2
Other industries . . . . .	1,780	1,736	44	2.4	3.7	.2	1.9	2.9	.1	6.6	11.0	.5
Service workers . . . . .	9,665	3,356	6,309	13.3	7.2	24.1	10.9	6.3	19.5	32.8	15.4	57.6
Private household workers . . . . .	2,396	60	2,336	3.3	.1	8.9	2.1	.1	5.8	13.1	.2	31.4
Service workers, except private household . . . . .	7,269	3,296	3,973	10.0	7.1	15.2	8.8	6.2	13.7	19.7	15.1	26.2
Protective service workers . . . . .	834	803	31	1.1	1.7	.1	1.2	1.8	.1	.6	1.0	.1
Waiters, cooks, and bartenders . . . . .	2,018	609	1,409	2.8	1.3	5.4	2.6	1.2	5.1	4.6	2.7	7.4
Other service workers . . . . .	4,417	1,884	2,533	6.1	4.0	9.7	5.1	3.2	8.4	14.4	11.4	18.7
Farm workers . . . . .	3,372	2,882	489	4.6	6.2	1.9	4.5	6.0	1.8	5.4	7.6	2.3
Farmers and farm managers . . . . .	2,014	1,899	115	2.8	4.1	.4	2.9	4.2	.5	1.6	2.5	.2
Farm laborers and foremen . . . . .	1,358	983	374	1.9	2.1	1.4	1.6	1.8	1.3	3.9	5.1	2.1
Paid workers . . . . .	863	766	97	1.2	1.6	.4	.9	1.3	.2	3.4	4.7	1.6
Unpaid family workers . . . . .	495	217	277	.7	.5	1.1	.7	.5	1.1	.4	.4	.5

1/ Less than 0.05.

# HOUSEHOLD DATA

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

December 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					
<b>AGE AND SEX</b>											
Total .....	67,254	100.0	84.7	1.1	1.3	12.9	100.0	18.5	48.1	33.4	40.2
<b>Male</b> .....	42,328	100.0	91.0	1.1	.8	7.1	100.0	12.2	46.0	41.8	43.1
14 to 17 years .....	1,446	100.0	13.5	-	1.7	84.9	100.0	86.9	8.6	4.6	16.4
18 and 19 years .....	1,562	100.0	64.6	1.0	2.3	32.2	100.0	39.1	38.6	22.4	33.7
20 to 24 years .....	4,227	100.0	88.7	1.4	1.3	8.6	100.0	13.8	47.6	38.6	41.9
25 to 34 years .....	9,005	100.0	96.7	1.3	.5	1.5	100.0	6.7	47.6	45.7	45.1
35 to 44 years .....	10,046	100.0	97.8	.7	.6	.9	100.0	5.3	46.2	48.5	46.1
45 to 64 years .....	14,517	100.0	96.2	1.2	.7	1.8	100.0	7.3	49.7	42.9	44.5
65 years and over .....	1,524	100.0	68.1	.7	1.7	29.5	100.0	34.7	37.6	27.7	35.1
<b>Female</b> .....	24,926	100.0	74.0	1.3	2.1	22.7	100.0	29.3	51.6	19.2	35.4
14 to 17 years .....	1,242	100.0	7.2	.6	1.7	90.4	100.0	92.9	5.1	1.9	12.4
18 and 19 years .....	1,533	100.0	68.2	1.6	4.3	25.9	100.0	35.3	51.6	13.1	32.4
20 to 24 years .....	3,192	100.0	84.3	1.5	1.8	12.4	100.0	19.3	61.1	19.6	37.8
25 to 34 years .....	4,150	100.0	79.5	1.1	1.9	17.6	100.0	24.8	56.1	19.2	36.4
35 to 44 years .....	5,286	100.0	75.2	1.5	1.9	21.4	100.0	27.9	53.0	19.1	36.2
45 to 64 years .....	8,672	100.0	79.3	1.1	2.0	17.6	100.0	23.9	53.7	22.4	37.8
65 years and over .....	851	100.0	56.3	.9	1.1	41.8	100.0	44.8	32.3	23.0	32.6
<b>MARITAL STATUS AND SEX</b>											
<b>Male: Single</b> .....	6,840	100.0	65.8	1.1	1.9	31.1	100.0	36.4	41.2	22.3	33.6
Married, wife present .....	33,441	100.0	96.1	1.0	.5	2.4	100.0	7.2	46.8	46.0	45.0
Other .....	2,047	100.0	91.0	2.0	2.2	4.7	100.0	12.8	48.8	38.3	42.2
<b>Female: Single</b> .....	6,005	100.0	67.7	.7	2.1	29.6	100.0	34.9	48.7	16.5	32.1
Married, husband present .....	13,961	100.0	74.3	1.2	1.8	22.7	100.0	29.1	52.6	18.3	35.9
Other .....	4,959	100.0	80.5	2.2	2.9	14.4	100.0	22.7	52.4	24.9	38.1
<b>COLOR AND SEX</b>											
<b>White</b> .....	60,126	100.0	85.2	1.0	.9	13.0	100.0	18.1	47.5	34.5	40.5
<b>Male</b> .....	38,249	100.0	91.4	.9	.6	7.2	100.0	11.9	45.0	43.2	43.4
<b>Female</b> .....	21,877	100.0	74.4	1.1	1.3	23.2	100.0	28.8	52.0	19.2	35.5
<b>Nonwhite</b> .....	7,128	100.0	80.5	2.6	4.9	12.0	100.0	22.8	52.7	24.5	37.9
<b>Male</b> .....	4,079	100.0	87.4	2.9	3.0	6.6	100.0	15.9	55.3	28.7	40.1
<b>Female</b> .....	3,049	100.0	71.2	2.1	7.4	19.3	100.0	31.9	49.2	18.9	34.9

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

December 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
<b>Total at work</b> .. thousands .....	70,729	3,476	1,074	1,902	499	67,254	60,899	2,549	9,808	48,542	5,756	598
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
<b>1 to 34 hours</b> .....	19.1	32.2	31.5	26.4	55.8	18.5	18.0	65.8	15.6	16.1	19.9	47.3
1 to 14 hours .....	6.6	9.8	13.2	10.5	-	6.4	6.3	42.1	5.5	4.6	8.3	-
15 to 21 hours .....	5.1	10.2	9.0	5.5	30.5	4.9	4.6	11.3	3.7	4.5	4.9	28.3
22 to 29 hours .....	3.7	8.2	5.9	6.5	19.6	3.5	3.4	7.7	2.4	3.4	3.3	13.6
30 to 34 hours .....	3.7	4.0	3.4	3.9	5.7	3.7	3.7	4.7	4.0	3.6	3.4	5.4
<b>35 to 40 hours</b> .....	46.5	16.8	19.6	14.1	21.1	48.1	50.8	19.2	56.8	51.2	22.0	20.6
35 to 39 hours .....	6.1	6.3	2.8	6.4	13.5	6.1	6.3	4.6	6.3	6.3	4.1	6.4
40 hours .....	40.4	10.5	16.8	7.7	7.6	42.0	44.5	14.6	50.5	44.9	17.9	14.2
<b>41 hours and over</b> .....	34.3	51.0	48.9	59.4	23.2	33.4	31.2	15.0	27.6	32.7	58.2	32.3
41 to 47 hours .....	8.4	4.5	6.8	2.8	6.1	8.6	8.7	4.3	7.9	9.1	7.5	6.1
48 hours .....	6.8	5.2	5.8	6.0	.7	6.9	7.0	3.1	4.0	7.8	6.3	6.2
<b>49 hours and over</b> .....	19.1	41.3	36.3	50.6	16.4	17.9	15.5	7.6	15.7	15.8	44.4	20.0
49 to 54 hours .....	7.2	9.6	9.0	11.1	5.2	7.1	6.6	2.3	6.6	6.8	12.3	4.3
55 to 59 hours .....	3.1	5.3	6.9	5.5	1.1	2.9	2.8	1.8	2.7	2.8	4.9	2.4
60 to 69 hours .....	5.0	10.7	10.5	12.2	5.2	4.7	3.9	1.5	3.9	4.1	13.2	5.2
70 hours and over .....	3.8	15.7	9.9	21.8	4.9	3.2	2.2	2.0	2.5	2.1	14.0	8.1
<b>Average hours, total at work</b> .....	40.4	43.8	41.1	48.0	33.7	40.2	39.6	23.9	40.1	40.3	46.7	37.2

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Employment status	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
Total labor force	79,375	78,847	78,538	78,206	78,465	78,874	78,356	78,127	78,063	77,647	77,755	77,621	77,432
Civilian labor force	76,534	76,052	75,778	75,483	75,772	76,181	75,676	75,443	75,377	74,944	75,051	74,914	74,706
Employed	73,412	72,839	72,486	72,182	72,397	72,766	72,118	71,937	71,717	71,440	71,304	71,284	71,004
Agriculture	4,417	4,244	4,551	4,405	4,576	4,674	4,659	4,958	4,843	4,550	4,595	4,513	4,541
Nonagricultural industries	68,995	68,595	67,935	67,777	67,821	68,092	67,459	66,979	66,874	66,890	66,709	66,771	66,463
Unemployed	3,122	3,213	3,292	3,301	3,375	3,415	3,558	3,506	3,660	3,504	3,747	3,630	3,702

**Table A-25: Seasonally adjusted rates of unemployment**

Selected unemployment rates	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
Total (all civilian workers)	4.1	4.2	4.3	4.4	4.5	4.5	4.7	4.6	4.9	4.7	5.0	4.8	5.0
Men, 20 years and over	2.6	2.8	2.9	3.1	3.2	3.1	3.2	3.3	3.4	3.3	3.6	3.5	3.5
20-24 years	5.0	5.6	5.6	6.2	5.8	5.8	7.2	6.9	7.1	6.3	6.9	7.1	6.8
25 years and over	2.3	2.4	2.6	2.7	2.8	2.8	2.7	2.8	3.0	3.0	3.2	3.1	3.1
Women, 20 years and over	3.9	4.3	4.2	4.2	4.5	4.3	4.8	4.3	4.6	4.6	5.1	4.5	4.7
Both sexes, 14-19 years	13.1	12.5	13.1	13.0	12.4	13.2	14.1	14.5	15.2	13.9	14.4	15.2	15.7
Married men (wife present)	1.8	2.0	2.1	2.2	2.6	2.3	2.4	2.5	2.5	2.5	2.6	2.7	2.6
Experienced wage and salary workers	3.6	4.0	4.0	4.0	4.2	4.2	4.7	4.2	4.5	4.3	4.6	4.5	4.5
Labor force time lost	4.3	4.5	4.6	4.7	5.1	5.2	5.5	5.1	5.3	5.1	5.4	5.3	5.3

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

(In thousands)

Duration of unemployment	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
Less than 5 weeks	1,521	1,556	1,576	1,697	1,739	1,826	1,802	1,876	1,858	1,719	1,752	1,663	1,719
5 to 14 weeks	863	909	1,015	858	990	988	1,023	1,058	1,027	966	1,037	1,032	1,055
15 weeks and over:													
Number	665	652	703	736	705	659	806	696	809	800	905	823	889
Percent of civilian labor force	.9	.9	.9	1.0	.9	.9	1.1	.9	1.1	1.1	1.2	1.1	1.2

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

(In thousands)

Employment status, age and sex	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
Civilian labor force	76,534	76,052	75,778	75,483	75,772	76,181	75,676	75,443	75,377	74,944	75,051	74,914	74,706
Men, 20 years and over	44,700	44,507	44,513	44,573	44,877	44,958	44,996	45,052	44,947	44,943	45,038	44,930	44,687
Women, 20 years and over	24,128	23,933	23,760	23,716	23,772	23,878	23,895	23,375	23,455	23,380	23,501	23,489	23,375
Both sexes, 14 to 19 years	7,706	7,612	7,505	7,194	7,123	7,345	6,785	7,016	6,975	6,621	6,512	6,495	6,644
Employed, all industries	73,412	72,839	72,486	72,182	72,397	72,766	72,118	71,937	71,717	71,440	71,304	71,284	71,004
Men, 20 years and over	43,536	43,281	43,206	43,211	43,456	43,544	43,542	43,579	43,415	43,438	43,418	43,345	43,125
Women, 20 years and over	23,176	22,897	22,756	22,713	22,703	22,846	22,750	22,362	22,387	22,299	22,314	22,434	22,277
Both sexes, 14 to 19 years	6,700	6,661	6,524	6,258	6,238	6,376	5,826	5,996	5,915	5,703	5,572	5,505	5,602
Employed, nonagricultural industries	68,995	68,595	67,935	67,777	67,821	68,092	67,459	66,979	66,874	66,890	66,709	66,771	66,463
Men, 20 years and over	40,544	40,357	40,063	40,085	40,282	40,342	40,262	40,213	40,135	40,265	40,182	40,159	39,954
Women, 20 years and over	22,410	22,209	22,019	22,029	21,952	22,097	22,011	21,526	21,570	21,572	21,553	21,674	21,502
Both sexes, 14 to 19 years	6,041	6,029	5,853	5,663	5,587	5,653	5,186	5,240	5,169	5,053	4,974	4,938	5,007
Unemployed	3,122	3,213	3,292	3,301	3,375	3,415	3,558	3,506	3,660	3,504	3,747	3,630	3,702
Men, 20 years and over	1,164	1,226	1,307	1,362	1,421	1,414	1,454	1,473	1,532	1,505	1,620	1,585	1,562
Women, 20 years and over	952	1,036	1,004	1,003	1,069	1,032	1,145	1,013	1,068	1,081	1,187	1,055	1,098
Both sexes, 14 to 19 years	1,006	951	981	936	885	969	959	1,020	1,060	918	940	990	1,042

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

(In thousands)

Full- or part-time status	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
On full-time schedules	55,884	55,191	54,671	54,955	54,920	55,153	54,656	54,185	53,906	54,335	54,147	54,175	53,682
On part time for economic reasons	1,751	1,792	1,834	1,774	2,018	2,116	2,002	1,895	1,825	1,959	1,997	2,128	2,132
Usually work full time	778	804	852	840	955	977	966	950	818	877	952	1,000	1,044
Usually work part time	973	988	982	934	1,063	1,139	1,036	945	1,007	1,082	1,045	1,128	1,088
On part time for noneconomic reasons; usually work part time	8,052	7,870	7,914	7,734	7,705	7,926	7,931	7,411	7,193	7,219	7,138	7,338	7,351



# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

**Table B-1: Employees on nonagricultural payrolls, by industry division**

**1919 to date**

(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government			
						Total	Wholesale trade	Retail trade			Total	Federal	State and local	
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-	
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-	
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-	
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-	
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-	
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-	
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-	
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-	
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-	
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-	
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532	
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622	
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704	
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666	
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601	
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647	
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728	
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842	
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923	
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054	
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090	
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206	
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320	
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270	
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174	
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116	
1945.....	40,394	836	1,152	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137	
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341	
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582	
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787	
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948	
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098	
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087	
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188	
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340	
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563	
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727	
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069	
1957.....	52,894	828	2,923	17,174	4,241	10,866	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	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	7,947	8,890	2,340	6,550	
1963.....	56,602	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,226	9,225	2,358	6,868	
1964.....	58,156	633	3,056	17,259	3,947	12,132	3,173	8,959	2,964	8,569	9,595	2,348	7,248	
1965.....	60,432	628	3,211	17,984	4,031	12,585	3,263	9,322	3,043	8,903	10,046	2,379	7,667	
1964:														
December..	59,896	633	3,007	17,547	4,002	13,084	3,240	9,844	2,981	8,627	10,015	2,483	7,532	
1965:														
January..	58,234	619	2,800	17,396	3,863	12,190	3,190	9,000	2,973	8,557	9,836	2,323	7,513	
February..	58,341	616	2,713	17,473	3,917	12,112	3,182	8,930	2,986	8,604	9,920	2,319	7,601	
March....	58,784	615	2,820	17,578	3,965	12,167	3,189	8,978	2,999	8,662	9,978	2,326	7,652	
April.....	59,471	623	2,978	17,659	3,977	12,438	3,199	9,219	3,012	8,796	10,008	2,337	7,671	
May.....	60,000	629	3,223	17,745	4,008	12,437	3,213	9,224	3,029	8,905	10,024	2,338	7,686	
June.....	60,848	640	3,412	18,027	4,070	12,596	3,269	9,327	3,062	9,008	10,033	2,374	7,659	
July.....	60,694	641	3,476	18,016	4,083	12,583	3,301	9,282	3,098	9,081	9,716	2,407	7,309	
August....	60,960	640	3,575	18,211	4,098	12,574	3,312	9,262	3,102	9,062	9,698	2,408	7,290	
September	61,515	627	3,495	18,428	4,112	12,639	3,307	9,332	3,073	9,039	10,102	2,377	7,725	
October..	61,786	629	3,465	18,412	4,104	12,736	3,321	9,415	3,066	9,073	10,301	2,384	7,917	
November.	61,984	631	3,379	18,444	4,093	12,949	3,327	9,622	3,061	9,033	10,394	2,402	7,992	
December.	62,563	631	3,200	18,413	4,086	13,622	3,344	10,278	3,058	9,013	10,540	2,550	7,990	

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 and 1965 annual averages are preliminary.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<b>TOTAL</b> . . . . .	62,563	61,984	61,786	59,896	59,405					
	<b>MINING</b> . . . . .	631	631	629	633	640		495	494	497	504
	<b>METAL MINING</b> . . . . .	-	84.0	82.9	81.6	82.2		70.0	68.9	68.0	68.3
101	Iron ores . . . . .	-	26.1	26.4	24.5	25.2		22.1	22.3	20.7	21.4
102	Copper ores . . . . .	-	30.6	29.3	29.2	28.9		25.1	24.0	24.1	23.7
	<b>COAL MINING</b> . . . . .	-	144.8	143.4	149.0	148.3		126.6	125.5	131.3	130.8
11,12	Bituminous . . . . .	-	133.9	132.7	137.6	136.8		116.8	115.9	121.2	120.6
	<b>CRUDE PETROLEUM AND NATURAL GAS</b> . . . . .	-	279.5	278.2	287.0	289.3		196.2	195.2	202.5	204.5
131,2	Crude petroleum and natural gas fields . . . . .	-	151.6	151.9	156.3	157.1		85.2	85.4	88.9	89.8
138	Oil and gas field services . . . . .	-	127.9	126.3	130.7	132.2		111.0	109.8	113.6	114.7
	<b>QUARRYING AND NONMETALLIC MINING</b> . . . . .	-	123.0	124.5	115.0	120.2		102.4	103.9	95.0	99.9
142	Crushed and broken stone . . . . .	-	43.3	44.4	40.3	42.2		37.0	38.1	34.1	35.9
144	Sand and gravel . . . . .	-	40.8	42.3	37.6	41.0		-	-	-	-
	<b>CONTRACT CONSTRUCTION</b> . . . . .	3,200	3,379	3,465	3,007	3,227		2,888	2,975	2,547	2,768
	<b>GENERAL BUILDING CONTRACTORS</b> . . . . .		1,084.3	1,098.6	970.2	1,031.5		937.9	952.5	833.0	894.4
	<b>HEAVY CONSTRUCTION</b> . . . . .		684.6	730.9	544.4	644.3		597.4	642.3	460.8	562.6
161	Highway and street construction . . . . .		353.8	390.4	253.5	328.2		318.2	354.6	219.8	294.5
162	Other heavy construction . . . . .		330.8	340.5	290.9	316.1		279.2	287.7	241.0	268.1
	<b>SPECIAL TRADE CONTRACTORS</b> . . . . .	-	1,610.3	1,635.5	1,492.4	1,551.3		1,352.9	1,380.3	1,253.2	1,311.4
171	Plumbing, heating, and air conditioning . . . . .	-	381.7	385.7	367.3	374.5		310.9	314.9	298.9	305.7
172	Painting, paperhanging, and decorating . . . . .	-	142.2	151.8	129.4	142.1		127.8	137.3	116.0	128.5
173	Electrical work . . . . .	-	246.1	245.4	233.6	234.0		197.4	197.1	187.7	188.5
174	Masonry, plastering, stone and tile work . . . . .	-	245.7	252.3	231.6	243.9		223.8	230.7	211.3	223.3
176	Roofing and sheet metal work . . . . .	-	118.5	120.1	107.6	114.7		97.6	99.0	87.1	93.9
	<b>MANUFACTURING</b> . . . . .	18,413	18,444	18,412	17,547	17,589	13,723	13,768	13,754	13,035	13,078
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	10,709	10,691	10,623	10,050	10,027	7,957	7,950	7,900	7,435	7,412
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	7,704	7,753	7,789	7,497	7,562	5,766	5,818	5,854	5,600	5,666
	<i>Durable Goods</i>										
	<b>ORDNANCE AND ACCESSORIES</b> . . . . .	247.2	247.3	243.8	232.5	235.1	109.5	109.8	108.2	100.7	102.2
192	Ammunition, except for small arms . . . . .	189.1	187.2	183.9	175.4	177.4	74.1	72.2	70.7	66.1	66.9
1925	Guided missiles and spacecraft, complete . . . . .	-	163.5	160.7	156.0	157.5	-	54.1	52.9	51.7	52.1
194	Sighting and fire control equipment . . . . .	-	12.8	12.7	12.8	13.0	-	5.3	5.1	5.3	5.5
191,3,5,6,9	Other ordnance and accessories . . . . .	45.2	47.3	47.2	44.3	44.7	30.2	32.3	32.4	29.3	29.8
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> . . . . .	604.5	614.3	617.8	589.9	601.8	529.6	539.1	543.1	518.3	529.5
241	Logging camps and logging contractors . . . . .	81.7	89.7	91.0	82.5	88.5	-	-	-	-	-
242	Sawmills and planing mills . . . . .	249.6	252.2	253.4	247.3	251.7	227.9	230.5	231.9	225.8	229.8
2421	Sawmills and planing mills, general . . . . .	-	215.9	217.5	212.0	216.1	-	197.4	199.2	193.6	197.4
243	Millwork, plywood, and related products . . . . .	162.2	162.4	163.4	155.2	156.2	136.9	136.9	137.8	131.0	131.9
2431	Millwork . . . . .	-	69.1	69.8	67.0	67.6	-	55.7	56.4	54.3	54.8
2432	Veneer and plywood . . . . .	-	75.2	75.0	71.1	70.9	-	68.9	68.7	65.4	65.2
244	Wooden containers . . . . .	34.4	33.9	34.2	34.3	34.7	31.0	30.5	30.8	30.9	31.4
2441,2	Wooden boxes, shooks, and crates . . . . .	-	26.4	26.5	26.4	26.8	-	23.7	23.8	23.6	24.1
249	Miscellaneous wood products . . . . .	76.6	76.1	75.8	70.6	70.7	65.7	65.3	65.0	60.6	60.8

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES . . . . .	443.5	441.7	439.8	417.7	419.1	369.2	367.2	366.0	347.1	348.4
251	Household furniture . . . . .	323.8	322.1	319.0	303.6	303.9	278.3	276.4	273.5	260.4	260.8
2511	Wood house furniture, upholstered . . . . .	-	168.6	166.8	159.6	159.3	-	150.6	148.8	142.9	142.5
2512	Wood house furniture, upholstered . . . . .	-	83.2	81.9	76.8	76.4	-	69.8	68.5	64.2	63.9
2515	Mattresses and bedsprings . . . . .	-	37.3	37.5	35.3	35.9	-	29.3	29.7	27.6	28.1
252	Office furniture . . . . .	-	29.2	29.3	28.4	28.6	-	22.8	23.0	22.3	22.5
254	Partitions, office and store fixtures . . . . .	-	44.7	45.4	40.2	40.9	-	33.0	34.0	29.4	29.9
253,9	Other furniture and fixtures . . . . .	45.3	45.7	46.1	45.5	45.7	34.7	35.0	35.5	35.0	35.2
32	STONE, CLAY, AND GLASS PRODUCTS . . . . .	621.2	632.1	635.5	604.3	617.2	498.5	509.1	511.3	485.3	498.0
321	Flat glass . . . . .	-	33.4	33.2	31.8	32.3	-	27.0	26.9	25.8	26.3
322	Glass and glassware, pressed or blown . . . . .	113.8	114.8	115.4	109.5	111.3	99.2	100.2	99.9	95.6	97.4
3221	Glass containers . . . . .	-	61.8	62.9	59.9	60.5	-	54.5	54.6	52.7	53.3
3229	Pressed and blown glassware, n.e.c. . . . .	-	53.0	52.5	49.6	50.8	-	45.7	45.3	42.9	44.1
324	Cement, hydraulic . . . . .	37.2	38.9	38.9	38.6	38.9	28.5	30.0	30.2	30.1	30.4
325	Structural clay products . . . . .	70.9	72.3	72.5	69.5	70.6	60.1	61.5	61.5	58.9	60.1
3251	Brick and structural clay tile . . . . .	-	32.7	32.8	30.6	31.2	-	29.1	29.1	26.8	27.6
326	Pottery and related products . . . . .	-	43.3	44.1	41.2	41.6	-	37.1	37.7	34.6	35.0
327	Concrete, gypsum, and plaster products . . . . .	171.6	177.2	179.9	167.1	173.8	132.3	137.5	139.5	128.8	135.2
328,9	Other stone and mineral products . . . . .	129.8	130.1	129.6	127.0	128.4	97.1	97.5	97.5	95.7	97.0
3291	Abrasive products . . . . .	-	25.7	25.4	24.4	24.3	-	17.2	16.9	15.9	15.8
33	PRIMARY METAL INDUSTRIES . . . . .	1,269.6	1,259.6	1,270.2	1,267.3	1,260.5	1,031.2	1,020.9	1,031.6	1,036.1	1,029.4
331	Blast furnace and basic steel products . . . . .	(*)	617.3	631.2	653.3	649.7	(*)	497.6	511.0	537.9	534.3
3312	Blast furnaces, steel and rolling mills . . . . .	-	541.8	555.6	579.9	576.2	-	438.0	451.3	479.9	476.3
332	Iron and steel foundries . . . . .	230.4	225.2	225.2	219.3	217.1	197.1	192.4	192.5	188.5	186.6
3321	Gray iron foundries . . . . .	-	135.1	136.0	131.5	129.6	-	116.4	117.3	114.0	112.1
3322	Malleable iron foundries . . . . .	-	27.2	26.8	25.6	25.4	-	23.2	22.8	22.0	21.9
3323	Steel foundries . . . . .	-	62.9	62.4	62.2	62.1	-	52.8	52.4	52.5	52.6
333,4	Nonferrous smelting and refining . . . . .	73.0	72.6	72.3	70.4	70.3	56.8	56.5	56.2	54.6	54.4
335	Nonferrous rolling, drawing, and extruding . . . . .	195.3	196.8	195.9	186.2	186.1	151.3	152.3	151.6	142.2	141.8
3351	Copper rolling, drawing, and extruding . . . . .	-	45.5	45.4	44.6	45.1	-	35.2	35.1	34.3	34.5
3352	Aluminum rolling, drawing, and extruding . . . . .	-	63.4	63.6	61.2	60.9	-	49.3	49.4	46.6	46.4
3357	Nonferrous wire drawing and insulating . . . . .	-	67.9	67.2	62.5	62.2	-	53.5	53.0	48.8	48.4
336	Nonferrous foundries . . . . .	81.3	80.7	79.2	75.6	75.1	68.6	67.9	66.7	62.9	62.5
3361	Aluminum castings . . . . .	-	39.0	38.0	36.2	35.9	-	33.3	32.5	30.6	30.3
3362,9	Other nonferrous castings . . . . .	-	41.7	41.2	39.4	39.2	-	34.6	34.2	32.3	32.2
339	Miscellaneous primary metal industries . . . . .	66.1	67.0	66.4	62.5	62.2	53.6	54.2	53.6	50.0	49.8
3391	Iron and steel forgings . . . . .	-	45.2	44.9	42.7	42.5	-	37.3	37.0	34.8	34.8
34	FABRICATED METAL PRODUCTS . . . . .	1,306.5	1,306.1	1,292.2	1,222.0	1,214.9	1,017.9	1,018.2	1,004.5	944.1	936.6
341	Metal cans . . . . .	61.0	62.0	61.5	59.9	60.6	51.4	52.2	51.8	50.3	50.8
342	Cutlery, hand tools, and general hardware . . . . .	158.0	159.4	156.3	153.1	152.1	126.1	127.0	123.8	121.6	120.7
3421,3,5	Cutlery and hand tools, including saws . . . . .	-	61.6	60.2	58.1	57.6	-	49.2	47.8	45.8	45.3
3429	Hardware, n.e.c. . . . .	-	97.8	96.1	95.0	94.5	-	77.8	76.0	75.8	75.4
343	Heating equipment and plumbing fixtures . . . . .	79.9	80.3	79.6	79.4	80.6	60.3	60.6	60.0	59.7	60.7
3431,2	Sanitary ware and plumbers' brass goods . . . . .	-	37.5	36.6	37.0	37.0	-	30.6	29.7	30.1	30.2
3433	Heating equipment, except electric . . . . .	-	42.8	43.0	42.4	43.6	-	30.0	30.3	29.6	30.5
344	Fabricated structural metal products . . . . .	391.9	392.6	388.9	363.2	365.7	285.0	286.4	282.8	259.7	261.9
3441	Fabricated structural steel . . . . .	-	107.6	106.7	101.9	102.5	-	80.7	79.9	75.1	75.7
3442	Metal doors, sash, frames, and trim . . . . .	-	73.6	73.3	66.6	69.0	-	54.1	53.9	47.5	49.8
3443	Fabricated plate work (boiler shops) . . . . .	-	101.4	100.5	93.0	92.1	-	71.7	70.8	63.2	62.2
3444	Sheet metal work . . . . .	-	67.8	67.3	62.7	62.7	-	49.1	48.5	46.0	46.0
3446,9	Architectural and misc. metal work . . . . .	-	42.2	41.1	39.0	39.4	-	30.8	29.7	27.9	28.2
345	Screw machine products, bolts, etc. . . . .	97.3	95.9	94.5	89.6	90.3	77.4	76.1	74.8	70.1	70.9
3451	Screw machine products . . . . .	-	40.9	40.2	38.4	38.0	-	35.1	34.3	32.5	32.1
3452	Bolts, nuts, screws, rivets, and washers . . . . .	-	55.0	54.3	51.2	52.3	-	41.0	40.5	37.6	38.8
346	Metal stampings . . . . .	235.8	234.3	231.2	213.4	201.6	193.6	192.5	190.0	175.2	163.7
347	Coating, engraving, and allied services . . . . .	-	75.6	75.5	71.5	72.2	-	63.5	63.3	60.4	60.8
348	Miscellaneous fabricated wire products . . . . .	65.3	64.3	63.2	59.7	59.7	53.2	52.2	51.2	48.1	48.1
349	Miscellaneous fabricated metal products . . . . .	141.7	141.6	141.5	132.2	132.1	107.4	107.4	106.8	99.0	99.0
3494,8	Valves, pipe, and pipe fittings . . . . .	-	81.9	82.8	76.6	76.2	-	59.4	60.0	55.5	55.2

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**

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
<i>Durable Goods--Continued</i>											
35	MACHINERY . . . . .	1,766.5	1,749.9	1,730.9	1,651.7	1,621.7	1,240.7	1,227.0	1,211.5	1,155.0	1,125.6
351	Engines and turbines . . . . .	93.2	93.2	91.8	88.5	87.3	64.3	64.3	63.0	60.0	58.7
3511	Steam engines and turbines . . . . .	-	32.7	32.4	32.3	31.7	-	19.1	18.8	18.2	17.5
3519	Internal combustion engines, n.e.c. . . . .	-	60.5	59.4	56.2	55.6	-	45.2	44.2	41.8	41.2
352	Farm machinery and equipment . . . . .	-	134.8	131.9	129.0	122.0	-	98.0	95.7	94.0	87.0
353	Construction and related machinery . . . . .	252.1	253.8	251.9	243.2	237.1	172.9	174.4	172.8	167.1	161.1
3531,2	Construction and mining machinery . . . . .	-	137.1	136.2	133.1	127.5	-	97.5	96.5	94.8	89.2
3533	Oil field machinery and equipment . . . . .	-	37.6	37.5	35.6	35.5	-	25.9	25.8	24.2	24.1
3535,6	Conveyors, hoists, and industrial cranes . . . . .	-	36.3	36.2	33.5	33.4	-	24.0	24.0	22.2	22.2
354	Metalworking machinery and equipment . . . . .	308.2	304.1	300.6	289.8	282.9	232.5	229.7	226.8	218.4	211.6
3541	Machine tools, metal cutting types . . . . .	-	77.3	76.6	70.6	69.2	-	54.7	54.1	49.5	48.2
3544	Special dies, tools, jigs, and fixtures . . . . .	-	102.9	101.0	99.0	96.0	-	85.2	83.6	81.4	78.1
3545	Machine tool accessories . . . . .	-	53.7	53.1	49.7	49.3	-	39.4	38.9	36.4	36.0
3542,8	Miscellaneous metalworking machinery . . . . .	-	70.2	69.9	70.5	68.4	-	50.4	50.2	51.1	49.3
355	Special industry machinery . . . . .	195.8	194.1	192.8	184.8	183.0	136.4	134.7	133.4	127.8	126.0
3551	Food products machinery . . . . .	-	39.3	39.1	37.4	37.4	-	25.5	25.3	24.2	24.2
3552	Textile machinery . . . . .	-	43.6	43.0	41.1	40.5	-	34.0	33.5	32.0	31.3
3555	Printing trades machinery . . . . .	-	27.3	27.3	26.2	26.1	-	19.4	19.2	18.6	18.5
356	General industrial machinery . . . . .	265.2	263.0	261.7	249.5	246.9	179.8	177.7	176.6	168.3	166.3
3561	Pumps; air and gas compressors . . . . .	-	72.6	72.2	69.0	67.9	-	42.1	41.8	39.9	38.9
3562	Ball and roller bearings . . . . .	-	59.5	59.2	56.2	55.9	-	47.2	46.9	44.4	44.1
3566	Mechanical power transmission goods . . . . .	-	49.6	49.5	48.2	47.9	-	37.0	36.8	36.0	35.8
357	Office, computing, and accounting machines . . . . .	210.8	209.0	205.2	182.8	180.9	126.3	125.2	122.6	107.9	106.5
3571	Computing machines and cash registers . . . . .	-	160.3	156.8	138.2	136.6	-	91.9	89.9	77.4	76.4
358	Service industry machines . . . . .	109.4	108.6	108.9	107.9	107.0	75.6	74.9	75.2	74.7	73.7
3585	Refrigeration, except home refrigerators . . . . .	-	65.5	65.8	67.1	66.5	-	44.8	44.9	46.6	46.1
359	Miscellaneous machinery . . . . .	191.8	189.3	186.1	176.2	174.6	150.3	148.1	145.4	136.8	134.7
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .	1,773.7	1,761.1	1,740.8	1,601.6	1,594.2	1,228.7	1,219.2	1,202.9	1,090.5	1,084.5
361	Electric distribution equipment . . . . .	181.4	180.2	178.1	166.4	165.7	124.6	123.7	121.9	113.1	112.5
3611	Electric measuring instruments . . . . .	-	61.0	59.7	54.3	54.5	-	40.7	39.5	35.7	35.8
3612	Power and distribution transformers . . . . .	-	48.0	47.5	44.1	43.5	-	34.3	33.9	31.0	30.5
3613	Switchgear and switchboard apparatus . . . . .	-	71.2	70.9	68.0	67.7	-	48.7	48.5	46.4	46.2
362	Electrical industrial apparatus . . . . .	199.7	197.2	196.6	183.9	181.4	141.3	139.0	138.2	128.1	125.4
3621	Motors and generators . . . . .	-	107.5	106.3	99.6	98.0	-	76.6	75.4	70.5	69.0
3622	Industrial controls . . . . .	-	54.8	54.4	49.9	48.9	-	36.4	36.0	32.7	31.7
363	Household appliances . . . . .	171.8	169.9	168.8	165.3	165.5	135.5	133.5	132.6	129.1	129.5
3632	Household refrigerators and freezers . . . . .	-	53.2	53.8	54.7	53.7	-	43.0	43.4	44.7	43.8
3633	Household laundry equipment . . . . .	-	25.9	25.0	25.6	25.5	-	19.8	19.1	19.8	19.7
3634	Electric housewares and fans . . . . .	-	41.2	40.9	37.7	38.9	-	32.9	32.6	29.5	30.7
364	Electric lighting and wiring equipment . . . . .	172.7	173.6	171.6	161.7	161.5	135.0	136.1	134.1	126.6	126.6
3641	Electric lamps . . . . .	-	33.1	32.7	30.6	30.4	-	29.3	28.8	26.9	26.8
3642	Lighting fixtures . . . . .	-	60.9	60.3	56.6	57.1	-	47.7	47.0	44.0	44.5
3643,4	Wiring devices . . . . .	-	79.6	78.6	74.5	74.0	-	59.1	58.3	55.7	55.3
365	Radio and TV receiving sets . . . . .	157.5	157.5	155.2	129.0	132.4	126.8	127.2	125.1	101.5	105.0
366	Communication equipment . . . . .	449.0	445.2	439.1	416.4	414.6	227.0	224.5	220.2	208.6	207.7
3661	Telephone and telegraph apparatus . . . . .	-	122.7	121.0	111.3	109.4	-	85.2	83.7	76.4	74.7
3662	Radio and TV communication equipment . . . . .	-	322.5	318.1	305.1	305.2	-	139.3	136.5	132.2	133.0
367	Electronic components and accessories . . . . .	333.7	331.8	325.0	279.1	277.7	254.5	253.1	248.0	206.9	205.5
3671-3	Electron tubes . . . . .	-	73.3	71.4	66.6	66.6	-	51.9	50.1	45.3	45.0
3674,9	Electronic components, n.e.c. . . . .	-	258.5	253.6	212.5	211.1	-	201.2	197.9	161.6	160.5
369	Misc. electrical equipment and supplies . . . . .	107.9	105.7	106.4	99.8	95.4	84.0	82.1	82.8	76.6	72.3
3694	Electrical equipment for engines . . . . .	-	56.4	55.9	54.2	49.4	-	44.4	43.7	42.1	37.3
37	TRANSPORTATION EQUIPMENT . . . . .	1,838.4	1,820.2	1,795.3	1,683.8	1,660.7	1,321.0	1,308.4	1,290.6	1,197.6	1,175.1
371	Motor vehicles and equipment . . . . .	(*)	896.2	884.7	826.3	803.7	(*)	706.3	696.6	648.2	627.0
3711	Motor vehicles . . . . .	-	381.2	375.9	345.0	338.6	-	288.3	283.0	259.5	253.5
3712	Passenger car bodies . . . . .	-	73.4	71.6	68.4	66.8	-	60.4	58.9	56.7	55.2
3713	Truck and bus bodies . . . . .	-	33.6	34.2	31.4	30.7	-	27.2	27.7	25.2	24.6
3714	Motor vehicle parts and accessories . . . . .	-	382.0	377.4	358.0	347.9	-	310.2	307.3	288.6	279.2
372	Aircraft and parts . . . . .	659.6	648.0	637.0	598.3	597.7	383.1	375.6	369.0	336.6	334.9
3721	Aircraft . . . . .	-	350.3	344.2	313.2	314.5	-	195.7	193.5	171.1	172.2
3722	Aircraft engines and engine parts . . . . .	-	193.6	190.5	188.0	187.1	-	108.6	105.9	100.2	99.0
3723,9	Other aircraft parts and equipment . . . . .	-	104.1	102.3	97.1	96.1	-	71.3	69.6	65.3	63.7
373	Ship and boat building and repairing . . . . .	166.3	163.2	163.4	154.1	153.7	138.3	135.6	136.6	128.7	128.3
3731	Ship building and repairing . . . . .	-	133.2	135.0	125.6	125.7	-	110.8	113.0	105.0	105.1
3732	Boat building and repairing . . . . .	-	30.0	28.4	28.5	28.0	-	24.8	23.6	23.7	23.2
374	Railroad equipment . . . . .	-	56.8	53.9	53.4	52.8	-	44.7	41.9	41.7	41.3
375,9	Other transportation equipment . . . . .	-	56.0	56.3	51.7	52.8	-	46.2	46.5	42.4	43.6

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
<i>Durable Goods--Continued</i>											
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . .</b>	397.1	397.3	394.0	374.6	374.5	256.1	256.8	254.3	238.2	238.3
381	Engineering and scientific instruments . . .	-	70.6	70.4	68.4	68.7	-	37.4	36.9	35.4	35.7
382	Mechanical measuring and control devices . .	100.3	100.5	99.0	98.2	97.9	65.8	66.0	64.5	64.6	64.4
3821	Mechanical measuring devices . . . . .	-	61.7	61.5	60.1	59.9	-	38.6	38.4	37.6	37.5
3822	Automatic temperature controls . . . . .	-	38.8	37.5	38.1	38.0	-	27.4	26.1	27.0	26.9
383,5	Optical and ophthalmic goods . . . . .	47.0	47.1	47.0	44.7	44.5	33.9	33.9	34.0	31.7	31.5
385	Ophthalmic goods . . . . .	-	32.7	32.5	30.3	30.3	-	24.9	24.9	22.8	22.8
384	Surgical, medical, and dental equipment . .	59.8	59.8	58.9	55.8	55.5	41.7	41.4	40.8	38.5	38.2
386	Photographic equipment and supplies . . . .	(*)	85.5	85.1	77.7	77.8	(*)	50.2	50.3	44.3	44.4
387	Watches and clocks . . . . .	-	33.8	33.6	29.8	30.1	-	27.9	27.8	23.7	24.1
<b>MISCELLANEOUS MANUFACTURING</b>											
39	<b>INDUSTRIES . . . . .</b>	440.9	461.3	462.2	404.5	426.8	354.7	374.1	375.5	322.4	344.7
391	Jewelry, silverware, and plated ware . . . .	46.4	46.2	46.2	45.0	45.3	36.7	36.3	36.4	35.7	35.9
394	Toys, amusement, and sporting goods . . . .	-	147.3	149.0	107.3	123.7	-	126.3	127.9	88.6	104.8
3941-3	Toys, games, dolls, and play vehicles . . .	-	103.5	105.2	67.3	83.2	-	90.0	91.7	56.6	72.5
3949	Sporting and athletic goods, n.e.c. . . . .	-	43.8	43.8	40.0	40.5	-	36.3	36.2	32.0	32.3
395	Pens, pencils, office, and art materials . . .	-	35.3	34.8	32.5	33.7	-	26.2	25.8	24.1	25.1
396	Costume jewelry, buttons, and notions . . .	-	56.5	56.1	55.4	56.9	-	46.8	46.5	45.7	47.2
393,8,9	Other manufacturing industries . . . . .	173.1	176.0	176.1	164.3	167.2	135.8	138.5	138.9	128.3	131.7
393	Musical instruments and parts . . . . .	-	26.4	25.8	23.7	23.8	-	22.1	21.5	19.6	19.8
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	1,729.3	1,778.8	1,822.6	1,732.9	1,773.9	1,144.5	1,192.3	1,232.5	1,141.8	1,183.2
201	Meat products . . . . .	310.8	316.0	315.7	319.5	323.9	248.0	253.3	252.9	255.8	259.8
2011	Meat packing . . . . .	-	189.5	189.3	195.0	197.1	-	146.9	146.7	152.1	153.5
2013	Sausages and other prepared meats . . . .	-	50.3	50.4	52.1	51.8	-	36.1	36.1	37.5	37.4
2015	Poultry dressing and packing . . . . .	-	76.2	76.0	72.4	75.0	-	70.3	70.1	66.2	68.9
202	Dairy products . . . . .	276.8	278.2	281.3	280.8	281.8	124.7	125.7	127.5	128.8	129.7
2024	Ice cream and frozen desserts . . . . .	-	28.1	29.6	28.9	28.9	-	14.5	15.3	15.4	15.3
2026	Fluid milk . . . . .	-	203.1	203.8	204.5	205.2	-	75.3	75.5	77.6	78.2
203	Canned and preserved food, except meats . .	-	277.4	315.7	228.2	256.7	-	236.4	273.8	189.0	217.7
2031,6	Canned, cured, and frozen sea foods . . . .	-	40.3	42.0	39.8	40.4	-	36.3	37.7	35.5	36.0
2032,3	Canned food, except sea foods . . . . .	-	139.4	170.9	111.0	129.2	-	114.5	145.6	88.0	106.5
2037	Frozen food, except sea foods . . . . .	-	59.3	62.4	48.6	53.6	-	53.7	56.8	43.3	48.3
204	Grain mill products . . . . .	121.4	123.0	126.4	123.8	124.3	84.7	86.3	89.8	87.2	87.6
2041	Flour and other grain mill products . . . .	-	30.2	30.3	31.9	32.5	-	21.8	22.0	23.0	23.4
2042	Prepared feeds for animals and fowls . . .	-	52.8	55.2	53.3	53.4	-	34.6	36.9	35.2	35.5
205	Bakery products . . . . .	279.6	281.9	283.2	290.3	291.8	162.6	164.8	165.4	166.7	168.9
2051	Bread, cake, and perishable products . . .	-	239.3	239.8	248.0	248.4	-	129.4	129.0	131.7	132.9
2052	Biscuit, crackers, and pretzels . . . . .	-	42.6	43.4	42.3	43.4	-	35.4	36.4	35.0	36.0
206	Sugar . . . . .	-	52.3	48.8	47.7	49.1	-	45.3	41.7	40.7	42.0
207	Confectionery and related products . . . . .	80.9	83.9	83.3	83.4	83.7	66.0	68.9	68.3	67.6	68.0
2071	Candy and other confectionery products . .	-	69.2	68.4	69.2	69.0	-	58.2	57.5	57.5	57.5
208	Beverages . . . . .	216.9	222.2	224.6	216.2	217.9	111.1	115.3	117.2	111.4	113.0
2082	Malt liquors . . . . .	-	60.7	60.6	60.8	61.0	-	39.9	39.6	40.3	40.1
2086	Bottled and canned soft drinks . . . . .	-	116.9	117.7	114.5	113.7	-	42.7	43.2	42.0	41.7
209	Miscellaneous food and kindred products . .	142.8	143.9	143.6	143.0	144.7	94.7	96.3	95.9	94.6	96.5
21	<b>TOBACCO MANUFACTURES . . . . .</b>	86.0	86.7	98.2	93.7	99.2	74.1	74.9	86.0	81.9	87.2
211	Cigarettes . . . . .	-	37.8	37.9	37.6	37.6	-	31.4	31.5	31.4	31.3
212	Cigars . . . . .	-	23.7	23.8	25.8	26.1	-	22.1	22.1	24.2	24.6
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	931.9	937.0	935.0	898.3	903.6	832.2	837.0	835.3	803.3	808.1
221	Cotton broad woven fabrics . . . . .	234.8	233.5	232.0	228.8	229.1	215.4	214.1	212.8	210.6	210.9
222	Silk and synthetic broad woven fabrics . . .	92.8	92.3	91.6	90.5	90.6	83.9	83.5	82.8	81.6	81.6
223	Weaving and finishing broad woollens . . . .	42.8	43.0	43.1	42.4	42.8	37.5	37.6	37.7	37.0	37.3
224	Narrow fabrics and small wares . . . . .	29.8	29.5	29.6	28.7	28.6	26.7	26.3	26.4	25.4	25.2
225	Knitting . . . . .	230.2	238.3	240.4	215.8	221.6	205.9	214.1	216.4	193.7	199.1
2251	Women's full and knee length hosiery . . .	-	53.7	53.4	51.5	51.2	-	49.0	48.7	47.1	46.9
2252	Miscellaneous hosiery and socks . . . . .	-	44.2	44.9	43.1	43.5	-	40.5	41.4	39.7	40.1
2253	Knit outerwear . . . . .	-	77.4	79.2	64.8	69.7	-	68.4	70.2	56.7	61.5
2254	Knit underwear . . . . .	-	33.9	33.8	31.3	31.4	-	30.7	30.5	28.4	28.4
226	Finishing textiles, except wool and knit . . .	74.6	74.0	74.2	76.6	76.2	63.4	62.8	63.0	65.7	65.4
227	Floor covering . . . . .	-	41.9	41.7	40.5	40.2	-	34.6	34.3	33.7	33.4
228	Yarn and thread . . . . .	113.0	112.1	111.0	106.7	106.2	104.9	103.8	102.7	98.8	98.4
229	Miscellaneous textile goods . . . . .	72.0	72.4	71.4	68.3	68.3	59.9	60.2	59.2	56.8	56.8

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



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,086	4,093	4,104	4,002	3,984	—	—	—	—	—
40	RAIL ROAD TRANSPORTATION .....	—	730.9	738.0	745.7	744.9	—	—	—	—	—
4011	Class I railroads <sup>2</sup> .....	—	633.6	640.2	649.1	653.3	—	—	—	—	—
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b> .....	270.3	270.9	271.8	270.4	270.4	—	—	—	—	—
411	Local and suburban transportation .....	83.2	83.2	83.2	83.4	83.4	—	78.8	78.9	79.1	79.3
412	Taxicabs .....	108.1	107.3	111.0	109.0	109.0	—	—	—	—	—
413	Intercity and rural bus lines .....	41.1	42.0	41.0	41.2	41.2	—	37.8	38.7	37.7	37.7
42	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE</b> .....	1,002.2	1,005.4	949.4	950.9	950.9	—	915.1	917.0	866.6	867.2
422	Public warehousing .....	89.1	87.8	85.1	89.7	89.7	—	79.3	77.9	75.2	79.7
45	<b>AIR TRANSPORTATION</b> .....	240.7	237.6	220.2	218.8	218.8	—	—	—	—	—
451,2	Air transportation, common carriers .....	215.0	212.7	197.5	196.2	196.2	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION</b> .....	18.9	19.0	19.5	19.5	19.5	—	15.7	15.9	16.5	16.5
44,47	<b>OTHER TRANSPORTATION</b> .....	320.8	321.1	325.5	311.2	311.2	—	—	—	—	—
48	<b>COMMUNICATION</b> .....	892.1	889.9	858.3	857.7	857.7	—	706.0	704.9	681.3	681.5
481	Telephone communication .....	743.7	741.7	714.9	714.0	714.0	—	593.1	591.7	571.8	571.9
482	Telegraph communication <sup>3</sup> .....	31.1	31.0	31.4	31.5	31.5	—	21.7	21.6	22.1	22.2
483	Radio and television broadcasting .....	110.9	110.8	105.6	105.8	105.8	—	89.1	89.6	85.6	85.6
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b> ..	617.4	621.6	611.3	610.6	610.6	—	535.3	540.5	531.8	531.2
491	Electric companies and systems .....	248.3	251.8	248.1	247.7	247.7	—	209.6	213.5	210.4	210.4
492	Gas companies and systems .....	155.6	155.8	152.9	153.0	153.0	—	135.8	136.1	134.3	134.3
493	Combined utility systems .....	175.6	176.1	173.2	172.6	172.6	—	156.8	157.9	155.0	154.3
494-7	Water, steam, and sanitary systems .....	37.9	37.9	37.1	37.3	37.3	—	33.1	33.0	32.1	32.2
—	<b>WHOLESALE AND RETAIL TRADE<sup>4</sup></b> .....	13,622	12,949	12,736	13,084	12,448	—	11,568	11,364	11,767	11,133
50	<b>WHOLESALE TRADE</b> .....	3,344	3,327	3,321	3,240	3,220	—	2,826	2,821	2,764	2,743
501	Motor vehicles and automotive equipment ..	—	253.7	252.5	247.2	248.1	—	213.4	212.5	208.2	208.1
502	Drugs, chemicals, and allied products .....	—	199.5	198.3	193.7	193.4	—	165.9	164.6	161.1	160.8
503	Dry goods and apparel .....	—	141.7	141.2	136.4	136.1	—	115.0	114.1	111.3	111.1
504	Groceries and related products .....	—	505.2	506.6	498.9	499.7	—	446.0	447.6	440.5	441.8
506	Electrical goods .....	—	262.3	260.4	245.8	244.6	—	216.6	214.9	204.0	203.1
507	Hardware, plumbing, and heating goods ..	—	153.5	152.5	147.0	146.9	—	130.7	129.9	125.4	125.5
508	Machinery, equipment, and supplies .....	—	574.2	573.4	548.5	547.6	—	485.3	485.0	464.7	464.1
509	Miscellaneous wholesalers .....	—	1,138.7	1,135.6	1,101.4	1,092.3	—	967.9	964.2	940.6	931.8
52-59	<b>RETAIL TRADE<sup>4</sup></b> .....	10,278	9,622	9,415	9,844	9,228	—	8,742	8,543	9,003	8,390
53	<b>GENERAL MERCHANDISE STORES</b> .....	—	2,053.6	1,905.0	2,319.5	1,925.2	—	1,892.9	1,749.8	2,161.6	1,771.2
531	Department stores .....	—	1,288.0	1,186.3	1,469.7	1,199.9	—	1,186.2	1,089.3	1,374.8	1,108.0
532	Mail order houses .....	—	148.6	129.7	145.5	131.9	—	141.0	122.5	138.2	124.8
533	Limited price variety stores .....	—	336.0	314.1	395.4	325.6	—	315.4	293.7	371.6	301.6
54	<b>FOOD STORES</b> .....	—	1,508.5	1,492.6	1,470.8	1,446.7	—	1,398.1	1,385.7	1,368.9	1,345.8
541-3	Grocery, meat, and vegetable stores .....	—	1,337.0	1,324.9	1,294.4	1,277.8	—	1,237.3	1,227.9	1,202.2	1,186.6
56	<b>APPAREL AND ACCESSORIES STORES</b> .....	—	647.1	629.9	750.6	636.7	—	583.4	566.9	687.8	576.0
561	Men's and boys' apparel stores .....	—	110.9	105.4	132.2	103.8	—	100.0	94.7	121.6	93.9
562	Women's ready-to-wear stores .....	—	235.6	231.1	271.6	236.6	—	213.5	209.8	250.1	215.5
565	Family clothing stores .....	—	104.3	100.8	136.1	107.7	—	97.1	93.8	128.2	100.8
566	Shoe stores .....	—	121.6	119.8	133.3	118.2	—	106.3	104.1	118.0	103.1
57	<b>FURNITURE AND APPLIANCE STORES</b> .....	—	423.1	417.3	416.7	403.7	—	373.4	367.7	371.1	358.2
571	Furniture and home furnishings .....	—	273.8	270.0	271.6	263.3	—	241.6	237.4	241.7	233.8
58	<b>EATING AND DRINKING PLACES</b> .....	—	1,899.9	1,910.8	1,824.1	1,846.0	—	1,768.1	1,777.5	1,702.3	1,715.6
52,55,59	<b>OTHER RETAIL TRADE</b> .....	—	3,089.6	3,059.2	3,057.7	2,969.5	—	2,725.7	2,695.8	2,711.1	2,623.6
52	Building materials and hardware .....	—	549.1	547.0	532.3	536.4	—	473.7	471.7	460.0	463.5
55	Auto dealers and service stations .....	—	1,441.2	1,433.5	1,394.0	1,376.2	—	—	—	—	—
551,2	Motor vehicle dealers .....	—	738.5	734.9	701.9	696.4	—	634.9	631.8	604.6	599.3
553,9	Other vehicle and accessory dealers .....	—	183.3	178.4	179.8	171.0	—	159.4	154.7	157.8	148.5
554	Gasoline service stations .....	—	519.4	520.2	512.3	508.8	—	—	—	—	—
59	Miscellaneous retail stores .....	—	1,099.3	1,078.7	1,131.4	1,056.9	—	—	—	—	—
591	Drug stores .....	—	416.6	409.6	417.0	396.8	—	380.1	373.2	383.0	363.6
596	Farm and garden supply stores .....	—	93.3	95.8	92.2	91.8	—	—	—	—	—
598	Fuel and ice dealers .....	—	110.9	107.8	116.6	109.0	—	97.6	94.4	103.9	95.9

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>5</sup></b>	<b>3,058</b>	<b>3,061</b>	<b>3,066</b>	<b>2,981</b>	<b>2,982</b>		<b>2,444</b>	<b>2,451</b>	<b>2,394</b>	<b>2,397</b>
60	Banking	-	788.8	787.5	770.4	768.0	-	660.1	658.9	647.2	645.9
61	Credit agencies other than banks	-	334.9	334.3	323.7	321.8	-	268.4	268.6	261.3	259.8
612	Savings and loan associations	-	94.1	94.6	94.5	94.2	-	76.9	77.4	78.1	77.9
614	Personal credit institutions	-	183.3	182.8	173.3	171.6	-	-	-	-	-
62	Security dealers and exchanges	-	130.0	129.0	126.7	126.3	-	114.6	113.8	111.8	111.5
63	Insurance carriers	-	919.4	918.7	900.4	900.4	-	645.7	645.5	640.0	641.4
631	Life insurance	-	485.4	485.0	477.5	478.0	-	277.8	277.3	279.0	280.9
632	Accident and health insurance	-	57.2	57.1	56.1	56.1	-	48.5	48.5	47.6	47.7
633	Fire, marine, and casualty insurance	-	330.5	330.2	321.7	321.4	-	280.6	280.8	275.4	275.0
64	Insurance agents, brokers, and services	-	234.4	234.2	227.9	227.5	-	-	-	-	-
65	Real estate	-	572.1	580.3	552.0	558.3	-	-	-	-	-
656	Operative builders	-	46.0	48.1	43.7	45.5	-	-	-	-	-
66,67	Other finance, insurance, and real estate	-	81.6	81.6	80.0	79.3	-	-	-	-	-
-	<b>SERVICES AND MISCELLANEOUS</b>	<b>9,013</b>	<b>9,033</b>	<b>9,073</b>	<b>8,627</b>	<b>8,648</b>					
70	Hotels and lodging places	-	645.7	666.7	610.5	614.4	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	595.4	613.3	561.2	564.1	-	556.2	574.4	524.5	528.6
72	Personal services	-	975.3	977.2	955.4	957.1	-	-	-	-	-
721	Laundries, cleaning and dyeing plants	-	540.5	543.4	532.3	532.2	-	486.3	488.7	475.5	475.3
73	Miscellaneous business services	-	1,110.3	1,105.3	1,032.6	1,019.8	-	-	-	-	-
731	Advertising	-	113.5	114.2	111.7	111.6	-	-	-	-	-
732	Credit reporting and collection agencies	-	67.2	66.7	64.6	64.5	-	-	-	-	-
78	Motion pictures	-	181.6	185.5	173.9	175.1	-	-	-	-	-
781	Motion picture filming and distributing	-	52.5	51.7	47.0	45.2	-	31.9	31.7	29.0	27.7
782,3	Motion picture theaters and services	-	129.1	133.8	126.9	129.9	-	-	-	-	-
80	Medical and other health services	-	2,200.2	2,192.9	2,098.0	2,094.9	-	-	-	-	-
806	Hospitals	-	1,468.9	1,466.5	1,414.5	1,412.7	-	-	-	-	-
81	Legal services	-	182.8	182.4	176.9	175.9	-	-	-	-	-
82	Educational services	-	1,011.9	1,005.9	945.2	948.6	-	-	-	-	-
821	Elementary and secondary schools	-	342.6	337.0	323.5	325.7	-	-	-	-	-
822	Higher educational institutions	-	599.8	599.8	556.5	557.7	-	-	-	-	-
89	Miscellaneous services	-	457.5	454.5	430.6	427.5	-	-	-	-	-
891	Engineering and architectural services	-	250.7	248.2	229.2	228.0	-	-	-	-	-
892	Nonprofit research organizations	-	62.7	62.6	61.4	61.4	-	-	-	-	-
-	<b>GOVERNMENT</b>	<b>10,540</b>	<b>10,394</b>	<b>10,301</b>	<b>10,015</b>	<b>9,887</b>					
	<b>FEDERAL GOVERNMENT<sup>6</sup></b>	<b>2,550</b>	<b>2,402</b>	<b>2,384</b>	<b>2,483</b>	<b>2,352</b>					
	Executive	-	2,370.4	2,352.7	2,452.2	2,321.7	-	-	-	-	-
	Department of Defense	-	955.7	949.4	922.9	926.5	-	-	-	-	-
	Post Office Department	-	617.8	608.0	734.7	596.0	-	-	-	-	-
	Other agencies	-	796.9	795.3	794.6	799.2	-	-	-	-	-
	Legislative	-	25.6	25.6	24.5	24.8	-	-	-	-	-
	Judicial	-	5.9	5.9	5.8	5.8	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b>	<b>7,990</b>	<b>7,992</b>	<b>7,917</b>	<b>7,532</b>	<b>7,535</b>					
92	State government	-	2,060.9	2,045.9	1,919.9	1,925.6	-	-	-	-	-
	State education	-	764.8	745.3	666.0	669.6	-	-	-	-	-
	Other State government	-	1,296.1	1,300.6	1,253.9	1,256.0	-	-	-	-	-
	Local government	-	5,930.7	5,871.2	5,612.1	5,609.6	-	-	-	-	-
	Local education	-	3,355.7	3,301.1	3,131.8	3,124.7	-	-	-	-	-
	Other local government	-	2,575.0	2,570.1	2,480.3	2,484.9	-	-	-	-	-

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

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

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

<sup>4</sup> Beginning January 1964, data for nonsupervisory workers include eating and drinking places.

<sup>5</sup> Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

<sup>6</sup> Prepared by the U. S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

\*Not available.

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



ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

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

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.4	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	46.0	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.3	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.3	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.5	71.3	101.8	59.3
1947.....	83.6	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.3	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.4	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.1	86.0	98.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	98.8	83.9
1956.....	99.8	106.8	103.9	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.8	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.2	103.0	100.9	103.9
1960.....	103.2	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.3	106.5	102.5	108.0
1961.....	102.8	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	110.4	109.5	102.9	112.1
1962.....	105.7	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	115.3	113.3	105.7	116.3
1963.....	107.8	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	119.4	117.6	106.5	121.9
1964.....	110.7	82.2	105.9	104.0	96.8	111.1	109.6	111.6	117.2	124.3	122.3	106.1	128.7
1965.....	115.0	81.6	111.2	108.4	98.9	115.2	112.7	116.2	120.3	129.2	128.0	107.5	136.1
1964: December..	112.6	82.5	110.1	105.8	98.0	112.7	110.7	113.4	118.5	126.3	124.7	106.1	132.0
1965: January..	112.9	82.3	110.3	106.3	96.3	113.3	110.8	114.2	118.7	126.7	124.9	105.8	132.5
February..	113.4	82.3	111.2	106.7	97.8	113.8	111.1	114.7	119.1	127.3	125.4	105.6	133.2
March....	113.9	82.1	112.2	107.0	98.6	114.1	111.6	115.0	119.5	127.6	126.0	105.8	134.0
April....	113.9	81.7	108.9	107.3	98.5	114.4	111.9	115.3	119.5	127.9	126.5	105.9	134.6
May.....	114.3	81.4	110.4	107.5	98.6	114.8	112.3	115.6	119.8	128.3	126.9	105.9	135.1
June.....	114.8	81.3	110.7	108.1	99.0	115.2	113.0	116.0	120.2	128.5	127.6	106.4	136.0
July.....	115.2	82.2	109.2	108.6	98.9	115.5	113.3	116.4	120.5	129.6	128.1	107.3	136.3
August....	115.4	81.4	110.5	108.9	99.3	115.4	113.0	116.2	120.7	129.8	128.5	107.5	136.8
September	115.7	80.1	110.4	109.0	99.8	115.7	113.3	116.6	121.0	130.1	129.0	107.5	137.4
October..	116.1	80.8	110.9	109.4	99.9	116.1	113.5	117.1	121.3	130.9	129.6	107.8	138.2
November.	117.0	81.4	113.3	110.4	100.1	116.7	114.0	117.7	121.5	131.5	130.7	108.4	139.4
December.	117.7	82.2	117.2	111.0	100.0	117.3	114.2	118.4	121.6	132.0	131.2	108.9	140.0

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 and 1965 annual averages are preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Industry	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
<b>TOTAL</b> .....	61,797	61,430	61,001	60,756	60,621	60,501	60,290	60,032	59,846	59,814	59,581	59,295	59,163
<b>MINING</b> .....	633	627	622	617	627	633	626	627	629	632	634	634	635
<b>CONTRACT CONSTRUCTION</b> ....	3,383	3,271	3,202	3,186	3,189	3,154	3,195	3,188	3,145	3,238	3,211	3,185	3,179
<b>MANUFACTURING</b> .....	18,428	18,323	18,163	18,098	18,072	18,032	17,943	17,835	17,803	17,762	17,703	17,638	17,565
<b>DURABLE GOODS</b> .....	10,699	10,621	10,523	10,494	10,476	10,424	10,345	10,266	10,241	10,194	10,150	10,098	10,044
Ordnance and accessories .....	245	245	243	242	239	236	234	231	229	230	230	231	231
Lumber and wood products .....	619	612	605	601	603	602	601	603	607	614	603	600	604
Furniture and fixtures .....	443	436	432	430	427	430	428	428	428	425	423	420	417
Stone, clay, and glass products ..	634	628	624	622	618	618	612	613	619	623	619	621	617
Primary metal industries .....	1,280	1,274	1,284	1,308	1,318	1,317	1,306	1,285	1,285	1,284	1,283	1,282	1,278
Fabricated metal products .....	1,303	1,296	1,274	1,269	1,263	1,269	1,259	1,251	1,247	1,222	1,243	1,230	1,218
Machinery .....	1,772	1,769	1,745	1,736	1,728	1,728	1,707	1,692	1,683	1,678	1,669	1,663	1,657
Electrical equipment .....	1,756	1,740	1,722	1,697	1,683	1,677	1,665	1,647	1,635	1,624	1,609	1,596	1,586
Transportation equipment .....	1,804	1,786	1,767	1,771	1,781	1,740	1,735	1,722	1,712	1,700	1,681	1,670	1,652
Instruments and related products ..	395	394	392	390	388	389	383	378	379	378	376	374	373
Miscellaneous manufacturing .....	448	441	435	428	428	418	415	416	417	416	414	411	411
<b>NONDURABLE GOODS</b> .....	7,729	7,702	7,640	7,604	7,596	7,608	7,598	7,569	7,562	7,568	7,553	7,540	7,521
Food and kindred products .....	1,752	1,760	1,733	1,717	1,723	1,733	1,728	1,734	1,729	1,746	1,749	1,753	1,756
Tobacco manufactures .....	82	81	81	79	80	87	86	86	86	86	87	88	89
Textile mill products .....	935	932	928	924	921	921	916	914	915	912	909	905	901
Apparel and related products .....	1,372	1,367	1,362	1,356	1,345	1,343	1,367	1,346	1,344	1,340	1,334	1,334	1,324
Paper and allied products .....	649	647	643	640	637	641	634	633	633	632	632	631	629
Printing and publishing .....	993	990	984	980	981	981	975	971	971	969	967	963	961
Chemicals and allied products .....	924	915	909	910	911	908	900	894	893	892	890	887	886
Petroleum and related products ..	179	177	177	179	179	179	177	176	178	179	179	179	180
Rubber and plastic products .....	485	477	469	465	466	464	463	460	460	457	453	447	443
Leather and leather products .....	358	356	354	354	353	351	352	355	353	355	353	353	352
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,078	4,081	4,071	4,067	4,049	4,031	4,034	4,020	4,013	4,017	3,985	3,926	3,994
<b>WHOLESALE AND RETAIL TRADE</b> .....	12,807	12,744	12,684	12,641	12,600	12,619	12,580	12,532	12,494	12,460	12,423	12,374	12,303
<b>WHOLESALE TRADE</b> .....	3,308	3,301	3,288	3,281	3,273	3,281	3,272	3,252	3,241	3,231	3,217	3,209	3,205
<b>RETAIL TRADE</b> .....	9,499	9,443	9,396	9,360	9,327	9,338	9,308	9,280	9,253	9,229	9,206	9,165	9,098
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,076	3,073	3,069	3,061	3,053	3,049	3,041	3,032	3,024	3,023	3,013	3,003	2,999
<b>SERVICE AND MISCELLANEOUS</b> ..	9,095	9,060	9,019	8,967	8,946	8,929	8,857	8,843	8,814	8,794	8,771	8,732	8,705
<b>GOVERNMENT</b> .....	10,297	10,251	10,171	10,119	10,085	10,054	10,014	9,955	9,924	9,888	9,841	9,803	9,783
<b>FEDERAL</b> .....	2,410	2,400	2,386	2,379	2,379	2,376	2,355	2,345	2,344	2,342	2,338	2,342	2,348
<b>STATE AND LOCAL</b> .....	7,887	7,851	7,785	7,740	7,706	7,678	7,659	7,610	7,580	7,546	7,503	7,461	7,435

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	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
<b>MANUFACTURING . . . . .</b>	13,732	13,642	13,507	13,457	13,440	13,405	13,340	13,252	13,238	13,220	13,158	13,116	13,045
<b>DURABLE . . . . .</b>	7,946	7,877	7,798	7,781	7,769	7,721	7,662	7,599	7,588	7,557	7,515	7,476	7,427
Ordnance and accessories . . . . .	109	108	107	105	104	102	100	99	98	99	99	99	99
Lumber and wood products, except furniture . . .	544	537	530	527	530	528	527	529	532	541	531	528	532
Furniture and fixtures . . . . .	368	362	358	357	354	357	356	356	356	354	351	349	346
Stone, clay, and glass products . . . . .	511	504	500	500	495	495	490	491	498	502	498	501	497
Primary metal industries . . . . .	1,040	1,035	1,046	1,068	1,079	1,077	1,068	1,050	1,050	1,052	1,050	1,050	1,046
Fabricated metal products . . . . .	1,014	1,007	987	983	977	983	973	968	966	943	962	951	940
Machinery . . . . .	1,243	1,243	1,224	1,218	1,208	1,208	1,192	1,181	1,176	1,174	1,164	1,161	1,157
Electrical equipment and supplies . . . . .	1,213	1,197	1,182	1,163	1,152	1,149	1,142	1,127	1,119	1,109	1,097	1,085	1,077
Transportation equipment . . . . .	1,288	1,276	1,263	1,267	1,280	1,238	1,237	1,227	1,218	1,210	1,192	1,185	1,167
Instruments and related products . . . . .	254	254	252	251	248	250	245	239	241	240	240	238	237
Miscellaneous manufacturing industries . . . . .	362	354	349	342	342	334	332	332	334	333	331	329	329
<b>NONDURABLE GOODS . . . . .</b>	5,786	5,765	5,709	5,676	5,671	5,684	5,678	5,653	5,650	5,663	5,643	5,640	5,618
Food and kindred products . . . . .	1,165	1,172	1,144	1,129	1,135	1,141	1,134	1,141	1,136	1,155	1,155	1,160	1,162
Tobacco manufactures . . . . .	70	69	70	68	68	75	75	74	74	74	75	76	77
Textile mill products . . . . .	835	833	828	825	823	822	818	817	818	815	812	809	806
Apparel and related products . . . . .	1,221	1,216	1,212	1,205	1,195	1,196	1,221	1,198	1,197	1,193	1,186	1,189	1,179
Paper and allied products . . . . .	506	503	500	499	497	500	494	493	494	493	493	492	490
Printing, publishing, and allied industries . . . .	630	629	625	621	622	622	616	615	615	615	613	612	608
Chemicals and allied products . . . . .	554	547	544	546	548	548	542	538	538	540	537	535	534
Petroleum refining and related industries . . . . .	111	111	110	111	110	111	110	108	110	110	110	110	110
Rubber and miscellaneous plastic products . . . .	379	372	365	362	363	361	359	357	358	356	352	347	343
Leather and leather products . . . . .	315	313	311	310	310	308	309	312	310	312	310	310	309

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		
		Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
1	ALABAMA .....	875.8	874.8	850.1	8.2	7.9	8.6	49.5	51.2	49.7	276.2	274.6	261.8
2	Birmingham .....	214.6	211.8	209.1	4.2	3.9	4.4	11.5	11.8	11.5	65.9	63.7	63.6
3	Huntsville .....	74.5	74.3	71.0	(1)	(1)	(1)	4.6	4.8	5.4	14.1	14.0	12.4
4	Mobile .....	104.1	105.1	104.6	(1)	(1)	(1)	5.9	6.0	6.6	21.7	22.4	20.4
5	ALASKA .....	68.2	73.0	65.7	1.0	1.1	1.1	6.0	8.8	6.2	4.7	5.5	4.8
6	ARIZONA .....	414.6	409.2	396.6	15.8	15.7	15.4	23.0	23.3	27.0	70.6	68.8	61.7
7	Phoenix .....	244.0	240.4	230.1	.1	.1	.1	13.7	13.8	15.8	54.2	53.1	46.4
8	Tucson .....	78.1	76.5	76.1	3.8	3.7	3.3	5.4	5.4	5.6	6.7	5.9	6.7
9	ARKANSAS .....	453.4	456.3	437.8	4.9	4.8	4.6	25.3	27.4	26.7	135.9	135.9	129.6
10	Fayetteville .....	20.4	20.4	17.7	(1)	(1)	(1)	1.2	1.3	.9	6.6	6.6	5.0
11	Fort Smith .....	36.8	36.6	38.2	.5	.5	.5	1.7	1.8	2.5	13.0	12.9	13.0
12	Little Rock-North Little Rock .....	97.8	98.3	94.9	(1)	(1)	(1)	7.5	7.8	7.2	19.7	19.8	18.7
13	Pine Bluff .....	21.4	21.4	20.6	(1)	(1)	(1)	1.2	1.2	1.1	5.7	5.7	5.5
14	CALIFORNIA .....	5,903.7	5,916.4	5,640.2	32.0	32.2	31.2	326.0	331.2	308.8	1,432.7	1,454.1	1,383.9
15	Anaheim-Santa Ana-Garden Grove .....	300.6	298.1	279.4	1.8	1.8	1.7	20.5	21.0	21.0	99.5	99.6	93.2
16	Bakersfield .....	82.3	82.6	78.5	7.4	7.5	7.4	3.4	3.6	3.3	8.4	8.4	8.1
17	Fresno .....	101.2	103.3	98.1	1.2	1.2	1.2	4.9	5.2	4.8	16.6	17.6	16.1
18	Los Angeles-Long Beach .....	2,528.6	2,514.7	2,432.2	10.2	10.2	10.1	117.2	118.3	115.5	774.8	771.2	744.3
19	Oxnard-Ventura .....	73.3	73.3	69.6	2.6	2.6	2.4	4.3	4.6	4.3	12.6	12.9	12.6
20	Sacramento .....	233.9	238.2	223.0	.3	.3	.2	13.6	15.0	13.0	29.7	33.2	32.6
21	San Bernardino-Riverside-Ontario .....	247.9	245.8	237.5	2.1	2.0	1.5	15.9	15.3	16.7	43.4	43.2	41.3
22	San Diego .....	272.9	270.6	262.6	.5	.5	.4	13.6	13.7	15.2	51.5	50.8	49.3
23	San Francisco-Oakland <sup>2</sup> .....	1,105.3	1,108.1	1,060.8	1.9	1.9	1.8	65.3	66.2	60.6	199.3	204.3	196.7
24	San Jose <sup>2</sup> .....	278.8	277.7	258.1	.1	.1	.1	17.0	17.7	16.2	89.4	90.2	82.8
25	Santa Barbara .....	65.9	65.7	63.1	.9	1.0	.9	3.5	3.7	4.2	10.6	10.5	10.2
26	Stockton .....	74.5	78.3	69.7	.1	.1	.1	3.8	4.1	3.5	14.1	17.0	13.5
27	Vallejo-Napa <sup>2</sup> .....	58.0	58.0	53.1	.2	.2	.2	2.4	2.7	2.3	6.1	6.1	5.1
28	COLORADO .....	597.5	598.6	580.2	12.9	12.9	12.0	37.9	38.9	37.3	92.7	92.8	90.0
29	Denver <sup>2</sup> .....	375.0	375.3	369.8	3.5	3.5	3.1	22.8	23.6	22.0	64.3	64.2	63.3
30	CONNECTICUT .....	1,044.1	1,036.1	1,004.4	(3)	(3)	(3)	50.4	51.1	51.9	446.6	442.9	425.3
31	Bridgeport .....	139.7	138.6	136.0	(3)	(3)	(3)	6.0	6.0	6.1	71.7	71.1	69.2
32	Hartford .....	273.6	271.3	264.0	(3)	(3)	(3)	12.9	13.2	12.3	100.4	99.3	94.6
33	New Britain .....	43.1	42.9	41.4	(3)	(3)	(3)	2.0	2.1	1.7	24.1	24.0	23.6
34	New Haven .....	143.9	142.8	137.2	(3)	(3)	(3)	8.8	9.1	8.7	46.3	45.8	43.6
35	Stamford .....	66.5	66.3	63.6	(3)	(3)	(3)	3.9	4.0	3.6	23.0	23.0	21.9
36	Waterbury .....	71.5	71.4	69.6	(3)	(3)	(3)	2.5	2.6	2.3	38.2	38.2	37.5
37	DELAWARE .....	181.7	180.2	172.9	(1)	(1)	(1)	14.5	14.3	12.9	67.2	66.8	64.4
38	Wilmington .....	165.4	164.3	158.6	(1)	(1)	(1)	12.1	11.9	10.7	65.0	64.7	63.8
39	DISTRICT OF COLUMBIA <sup>4</sup> .....	626.3	623.9	606.1	(1)	(1)	(1)	27.1	28.1	25.2	21.2	21.2	20.4
40	Washington SMSA .....	942.9	936.6	893.8	(1)	(1)	(1)	67.0	68.5	63.8	41.6	41.4	39.0
41	FLORIDA .....	1,631.5	1,600.7	1,565.7	10.0	10.0	9.7	142.4	142.8	135.5	256.7	248.4	244.0
42	Fort Lauderdale-Hollywood .....	106.9	103.1	100.2	(1)	(1)	(1)	14.8	14.5	14.1	11.7	11.4	10.4
43	Jacksonville .....	161.7	161.1	158.9	(1)	(1)	(1)	11.8	11.7	11.7	21.9	22.4	22.0
44	Miami .....	351.8	347.8	342.9	(1)	(1)	(1)	21.1	21.5	21.0	54.4	53.6	52.3
45	Orlando .....	105.2	101.7	103.1	(1)	(1)	(1)	8.5	8.4	8.9	18.0	17.4	19.0
46	Tampa-St. Petersburg .....	238.6	234.9	228.8	(1)	(1)	(1)	19.9	19.6	18.8	42.8	42.4	40.8
47	GEORGIA .....	1,265.4	1,257.8	1,205.0	4.8	4.9	5.6	74.5	74.3	69.0	404.7	402.3	385.1
48	Atlanta .....	485.4	481.5	457.4	(1)	(1)	(1)	31.5	31.5	31.6	110.5	109.8	102.9

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			
Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	
50.1	50.4	49.2	166.0	165.2	162.9	35.1	35.1	35.2	108.2	108.4	105.8	182.5	182.0	176.9	1
16.6	16.6	16.3	49.6	49.4	48.6	14.8	14.8	14.5	26.9	26.8	26.5	25.1	24.8	23.7	2
2.0	2.0	1.8	11.7	11.5	11.2	1.7	1.6	1.6	14.6	14.6	13.0	25.8	25.8	25.6	3
9.8	10.0	10.0	22.3	22.2	22.7	4.4	4.4	4.3	14.5	14.6	13.9	25.5	25.5	26.7	4
6.9	7.4	6.5	10.1	10.2	9.3	2.2	2.2	2.0	7.5	7.7	7.3	29.8	30.1	28.5	5
24.7	24.4	25.0	97.1	95.7	94.1	22.2	22.1	21.5	67.6	66.8	63.5	93.6	92.4	88.4	6
13.4	13.3	13.7	60.8	59.8	58.8	16.0	15.9	15.4	40.4	39.7	37.5	45.4	44.7	42.4	7
5.0	5.0	5.2	17.9	17.7	17.4	3.7	3.7	3.7	13.9	13.7	13.8	21.7	21.4	20.4	8
30.0	30.6	29.9	94.6	95.0	93.4	17.6	17.5	17.4	60.1	60.7	57.6	85.0	84.4	78.6	9
1.6	1.6	1.5	4.1	4.1	4.0	.5	.5	.4	2.4	2.4	2.2	4.0	4.0	3.6	10
2.7	2.6	2.6	8.3	8.2	8.3	1.2	1.2	1.2	5.2	5.2	5.0	4.2	4.2	5.1	11
8.5	8.5	8.1	21.4	21.5	21.3	7.6	7.6	7.4	14.3	14.4	14.3	18.7	18.7	18.0	12
2.7	2.8	2.7	4.0	3.9	4.0	.8	.8	.8	2.7	2.7	2.6	4.4	4.3	4.0	13
393.4	395.4	375.9	1,304.0	1,290.3	1,253.1	322.5	322.7	310.5	950.3	952.2	901.4	1,142.8	1,138.3	1,075.4	14
10.4	10.5	9.3	64.4	62.4	58.8	13.7	13.6	12.8	43.7	43.3	40.4	46.6	45.9	42.2	15
6.0	6.0	5.9	18.0	18.2	17.3	2.8	2.8	2.9	12.8	12.7	11.5	23.5	23.4	22.1	16
8.0	7.8	7.9	27.8	29.1	26.8	4.6	4.6	4.5	17.4	17.3	16.7	20.7	20.5	20.1	17
150.3	150.3	144.7	564.3	555.2	546.3	146.8	146.8	141.8	425.6	424.3	407.9	339.4	338.4	321.6	18
3.4	3.3	3.2	16.3	16.1	15.5	2.3	2.3	2.1	9.4	9.4	8.5	22.4	22.1	21.0	19
17.7	17.8	17.3	49.5	49.4	46.9	9.9	9.9	9.3	27.4	27.6	25.6	85.8	85.0	78.1	20
17.5	17.6	16.7	53.0	52.6	51.0	9.5	9.5	9.2	41.8	41.1	38.2	64.7	64.5	62.9	21
15.2	15.0	14.5	61.3	60.0	58.6	14.1	14.1	13.2	46.7	47.2	45.1	70.0	69.3	66.3	22
108.7	110.0	104.1	241.7	238.4	237.7	81.8	82.0	80.1	173.9	174.3	165.3	232.7	231.0	214.5	23
12.3	12.6	10.9	51.3	50.4	47.9	10.8	10.8	10.4	52.4	51.4	47.9	45.5	44.5	41.9	24
3.2	3.2	3.0	15.1	15.1	14.6	2.6	2.6	2.5	14.4	14.3	13.5	15.6	15.3	14.2	25
5.9	6.1	5.8	17.4	18.0	17.0	2.5	2.5	2.4	10.3	10.5	9.6	20.4	20.0	17.8	26
2.8	2.9	2.6	10.2	10.2	9.3	1.8	1.8	1.7	8.0	7.9	7.3	26.5	26.2	24.6	27
44.6	44.7	44.5	141.0	140.6	138.8	31.1	31.0	30.5	95.5	96.2	92.0	141.8	141.5	135.1	28
30.5	30.7	30.5	94.7	94.5	93.4	23.7	23.7	23.5	64.1	64.3	61.9	71.4	70.8	72.1	29
46.7	46.1	46.1	189.6	186.9	180.3	59.4	59.1	58.4	136.2	136.5	131.6	115.1	113.6	110.8	30
5.9	5.8	5.8	25.2	24.8	24.6	4.1	4.1	4.2	15.7	15.7	15.1	11.2	11.0	11.0	31
9.9	9.4	9.8	52.0	50.9	51.2	34.9	35.0	33.9	34.1	34.2	33.3	29.5	29.3	28.9	32
1.9	1.8	1.8	6.4	6.4	6.1	1.0	1.0	.9	4.2	4.1	4.0	3.5	3.5	3.2	33
13.2	13.0	12.6	28.3	28.0	26.6	7.1	7.1	7.4	26.0	26.0	24.6	14.2	13.9	13.8	34
2.8	2.8	2.9	14.9	14.6	14.1	2.6	2.6	2.7	13.0	13.0	12.3	6.4	6.4	6.1	35
2.8	2.8	2.8	11.1	10.9	10.4	1.8	1.8	1.8	8.4	8.4	8.2	6.7	6.6	6.6	36
10.2	10.2	10.0	34.3	33.4	32.7	6.9	6.9	6.7	23.2	23.1	22.0	25.4	25.5	24.2	37
8.8	8.7	8.5	30.7	29.9	29.4	6.4	6.4	6.2	20.8	21.0	19.7	21.6	21.7	20.3	38
30.6	30.7	29.9	89.8	88.0	89.9	31.8	31.8	30.9	115.8	115.5	109.7	310.0	308.6	300.1	39
49.6	49.8	47.7	186.6	181.2	176.6	54.9	55.3	51.5	189.1	187.8	174.8	354.1	352.6	340.4	40
111.9	111.5	107.9	435.0	419.7	421.6	96.2	96.4	95.0	280.7	275.9	268.9	298.6	296.0	283.1	41
5.5	5.5	5.4	31.0	29.1	29.5	7.1	7.0	7.2	20.2	19.2	18.2	16.6	16.4	15.4	42
16.8	16.7	16.2	45.0	44.4	44.6	14.6	14.5	14.7	23.5	23.6	23.2	28.1	27.8	26.5	43
37.8	37.5	35.7	94.1	92.3	95.0	24.9	24.8	24.1	71.9	71.0	70.0	47.6	47.1	44.8	44
6.0	6.1	6.0	33.1	31.1	32.0	6.7	6.7	6.4	17.6	16.9	16.3	15.3	15.1	14.5	45
17.0	16.9	16.8	68.9	67.1	67.1	14.1	14.0	13.6	38.8	38.1	36.8	37.1	36.8	34.9	46
85.1	84.9	80.5	267.8	263.4	253.6	58.7	58.9	58.2	142.0	142.3	138.2	227.8	226.8	214.8	47
45.8	45.5	42.4	129.1	126.3	121.0	33.2	33.3	32.5	66.7	66.9	64.0	68.6	68.2	63.0	48

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
1	GEORGIA (continued)												
	Savannah.....	57.0	56.8	54.6	(1)	(1)	(1)	3.4	3.4	2.9	15.5	15.5	14.5
2	HAWAII .....	218.0	215.9	208.8	(1)	(1)	(1)	17.7	17.9	16.6	21.3	21.5	21.9
3	Honolulu.....	184.2	182.0	176.0	(1)	(1)	(1)	15.1	15.3	13.7	14.7	14.6	14.8
4	IDAHO .....	181.5	182.3	174.0	3.4	3.4	3.4	11.9	12.4	10.6	36.5	36.3	34.5
5	Boise.....	31.4	31.5	30.6	(1)	(1)	(1)	2.0	2.1	1.9	3.2	3.3	3.2
6	ILLINOIS .....	3,883.8	3,869.5	3,752.1	24.7	24.9	25.3	162.2	170.1	159.7	1,311.6	1,302.2	1,252.4
7	Chicago.....	2,681.8	2,664.9	2,602.4	6.7	6.8	6.5	102.6	106.5	99.9	919.4	911.8	881.7
8	Davenport-Rock Island-Moline ..	(5)	122.9	119.7	(5)	(3)	(3)	(5)	6.7	6.8	(5)	46.2	44.8
9	Peoria.....	(5)	117.6	112.5	(5)	(3)	(3)	(5)	8.1	7.0	(5)	46.6	44.1
10	Rockford.....	(5)	93.9	89.3	(5)	(3)	(3)	(5)	4.0	4.2	(5)	50.4	47.0
11	INDIANA .....	1,666.5	1,658.5	1,585.6	7.8	8.1	8.6	82.1	82.1	75.4	680.4	678.8	647.9
12	Evansville.....	76.6	76.0	76.8	2.0	2.0	2.4	4.2	4.2	4.1	28.5	28.3	28.5
13	Fort Wayne.....	98.3	98.2	94.9	(1)	(1)	(1)	4.6	4.8	4.8	39.8	39.7	37.9
14	Gary-Hammond-East Chicago.....	197.5	199.0	197.6	(1)	(1)	(1)	12.5	12.5	11.9	102.0	103.7	104.8
15	Indianapolis.....	362.5	361.1	349.7	(1)	(1)	(1)	15.9	16.7	14.5	124.7	124.2	119.4
16	South Bend.....	89.0	88.5	84.6	(1)	(1)	(1)	3.3	3.3	3.1	35.3	35.1	32.2
17	Terre Haute.....	47.3	47.4	46.0	1.0	1.0	1.1	1.6	1.6	1.8	12.8	13.0	12.4
18	IOWA <sup>2</sup> .....	768.3	770.1	731.7	3.4	3.5	3.5	41.9	43.6	36.7	195.6	195.7	185.6
19	Cedar Rapids <sup>2</sup> .....	58.4	57.7	54.7	(1)	(1)	(1)	2.9	2.8	2.7	24.7	24.4	22.3
20	Des Moines <sup>2</sup> .....	106.9	107.5	105.2	(1)	(1)	(1)	5.2	5.3	4.8	22.0	22.0	21.8
21	KANSAS .....	606.5	607.1	595.9	13.6	13.4	14.5	33.1	34.5	31.5	123.6	122.7	122.2
22	Topeka.....	53.6	53.4	52.1	.1	.1	.1	2.9	3.0	3.0	7.4	7.2	6.7
23	Wichita.....	134.3	133.4	134.0	2.9	2.9	3.2	6.6	7.0	5.6	45.8	44.8	47.8
24	KENTUCKY .....	797.8	797.7	749.9	30.7	30.7	30.3	63.0	64.4	52.3	211.6	209.6	195.9
25	Louisville.....	274.0	273.1	264.2	(1)	(1)	(1)	14.0	14.2	13.2	97.0	96.3	91.4
26	LOUISIANA .....	936.4	933.1	887.3	50.9	50.6	47.2	87.1	89.4	75.3	167.3	163.3	162.4
27	Baton Rouge.....	84.6	83.9	78.4	.3	.2	.2	10.9	11.2	7.7	16.1	16.0	15.5
28	New Orleans.....	339.4	339.8	327.3	11.7	11.6	10.9	29.6	29.9	24.7	56.9	56.8	56.3
29	Shreveport.....	79.3	79.0	77.6	5.3	5.3	5.5	6.1	6.1	6.6	11.3	11.0	9.8
30	MAINE .....	291.0	291.5	284.9	(1)	(1)	(1)	14.5	14.8	14.2	107.3	106.9	104.2
31	Lewiston-Auburn.....	25.3	24.8	24.7	(1)	(1)	(1)	1.2	1.2	1.2	12.2	11.8	11.7
32	Portland.....	57.4	57.5	56.0	(1)	(1)	(1)	3.7	3.7	3.6	14.4	14.4	13.6
33	MARYLAND .....	1,085.3	1,081.7	1,039.3	2.5	2.5	2.5	83.6	85.3	81.9	263.7	266.4	258.2
34	Baltimore.....	677.8	674.4	661.4	.9	.9	.9	42.0	42.8	41.9	188.0	189.9	188.1
35	MASSACHUSETTS .....	2,045.3	2,043.1	1,990.5	(1)	(1)	(1)	95.5	97.0	93.1	673.6	672.1	654.6
36	Boston.....	1,157.0	1,153.8	1,123.0	(1)	(1)	(1)	57.0	58.4	57.0	289.1	288.6	278.4
37	Brockton <sup>2</sup> .....	45.1	44.7	43.6	-	-	-	2.0	2.1	1.9	16.6	16.2	16.4
38	Fall River.....	43.2	43.6	42.7	(1)	(1)	(1)	(1)	(1)	(1)	21.4	21.4	21.6
39	Lawrence-Haverhill <sup>6</sup> .....	73.8	74.5	75.0	(1)	(1)	(1)	2.2	2.4	2.3	38.6	38.4	40.3
40	Lowell <sup>6</sup> .....	48.3	48.3	47.8	(1)	(1)	(1)	2.5	2.6	2.4	19.9	19.9	19.9
41	New Bedford.....	50.0	50.4	49.9	(1)	(1)	(1)	1.6	1.7	1.7	26.1	26.2	25.8
42	Springfield-Chicopee-Holyoke ..	182.9	183.6	181.0	(1)	(1)	(1)	7.0	7.5	7.0	71.2	71.6	70.6
43	Worcester.....	120.6	120.2	117.9	(1)	(1)	(1)	5.2	5.3	5.1	49.8	49.5	48.1

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

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	
5.7	5.8	6.0	12.7	12.6	12.2	2.7	2.7	2.7	7.6	7.5	7.2	9.4	9.3	9.1	1
16.5	16.5	15.7	51.4	50.3	49.3	13.3	13.2	12.5	38.6	38.6	37.1	59.2	57.9	55.7	2
13.9	13.9	13.4	43.9	42.9	42.3	12.3	12.3	11.6	32.5	32.4	31.8	51.8	50.6	48.4	3
14.3	14.3	14.1	43.4	43.4	42.2	7.0	7.0	6.9	24.9	25.3	23.7	40.1	40.2	38.6	4
2.9	2.9	2.8	8.8	8.7	8.6	2.2	2.2	2.2	4.6	4.6	4.5	7.7	7.7	7.4	5
274.9	276.2	272.7	833.3	821.5	813.6	200.8	201.5	197.6	564.0	566.1	545.5	512.4	507.1	485.2	6
196.0	196.4	194.6	588.5	575.3	578.1	155.4	156.3	155.4	423.6	426.1	410.0	289.7	285.7	276.2	7
(5)	6.2	6.3	(5)	24.6	24.2	(5)	4.7	4.7	(5)	14.4	14.0	(5)	20.0	18.9	8
(5)	6.4	6.4	(5)	24.4	24.1	(5)	4.2	4.1	(5)	15.3	14.6	(5)	12.8	12.2	9
(5)	3.2	3.1	(5)	16.3	16.0	(5)	2.8	2.7	(5)	10.2	9.7	(5)	7.0	6.6	10
93.7	93.5	89.8	323.0	319.9	308.7	64.5	64.3	63.6	173.5	173.9	164.9	241.3	237.9	226.7	11
4.8	4.8	5.0	16.9	16.7	16.6	2.8	2.8	2.9	9.7	9.7	9.8	7.7	7.5	7.5	12
7.0	7.0	6.8	21.5	21.3	21.0	5.0	5.0	4.9	11.9	11.9	11.3	8.5	8.5	8.2	13
12.4	12.6	12.4	31.9	31.5	30.6	5.4	5.3	5.3	16.7	16.8	16.4	16.6	16.6	16.2	14
24.6	24.6	24.0	79.4	78.0	77.2	23.2	23.3	23.2	40.3	40.0	38.3	54.4	54.3	53.1	15
4.5	4.5	4.5	18.5	18.3	18.2	4.6	4.6	4.7	14.4	14.3	13.8	8.4	8.4	8.1	16
4.3	4.3	4.1	12.1	12.0	11.7	1.7	1.7	1.6	5.2	5.2	5.1	8.6	8.6	8.2	17
49.8	50.2	48.3	188.5	188.4	180.5	35.7	35.9	34.7	112.6	113.2	106.5	140.9	139.6	136.1	18
3.0	3.1	2.9	12.2	11.9	12.2	2.6	2.6	2.5	7.7	7.6	7.2	5.4	5.3	5.0	19
7.9	7.8	7.7	28.2	28.4	27.5	11.8	11.9	11.9	16.6	16.7	16.7	15.5	15.6	15.0	20
49.9	50.2	50.5	141.9	141.4	137.1	25.9	25.9	25.7	84.3	85.1	81.8	134.2	133.9	132.6	21
7.1	7.1	7.0	11.7	11.6	11.5	3.1	3.1	3.0	8.3	8.3	8.1	13.2	13.2	12.8	22
7.2	7.2	7.0	29.8	29.5	29.4	6.1	6.0	6.3	19.2	19.3	18.9	16.8	16.9	16.1	23
54.4	54.7	52.8	161.5	160.6	153.7	30.3	30.3	28.8	101.7	102.3	99.6	144.6	145.2	136.4	24
21.1	21.1	20.7	58.1	57.6	57.4	14.0	14.0	13.8	39.3	39.2	38.3	30.4	30.7	29.4	25
87.7	87.2	83.5	202.8	200.0	193.4	41.0	41.1	39.4	124.4	124.8	118.1	175.2	176.7	168.0	26
4.9	4.9	4.7	17.8	17.5	17.1	4.2	4.2	3.9	10.6	10.4	10.3	20.0	19.5	18.8	27
41.8	42.4	41.4	79.7	78.5	77.6	19.2	19.4	19.1	54.7	54.7	53.3	45.9	46.5	43.8	28
8.6	8.6	8.6	20.3	20.3	20.1	3.8	3.8	3.9	11.2	11.1	11.0	12.6	12.6	12.2	29
16.3	16.5	16.4	55.7	55.7	55.2	10.0	10.0	9.8	32.5	33.1	32.1	54.7	54.5	53.0	30
.9	.9	.9	5.0	5.0	5.0	.8	.8	.8	3.5	3.4	3.4	1.7	1.7	1.7	31
4.7	4.9	4.7	15.2	15.1	15.1	4.2	4.2	4.1	8.8	8.9	8.7	6.4	6.3	6.2	32
72.8	72.9	72.2	246.1	239.6	232.7	53.7	53.8	52.0	171.9	172.2	160.9	191.0	189.0	178.9	33
53.4	53.6	53.2	147.4	142.9	142.6	35.2	35.3	34.8	102.3	101.6	97.9	108.6	107.4	102.0	34
102.4	101.8	103.3	419.5	415.8	408.5	106.8	106.6	106.7	363.3	365.7	351.8	284.2	284.1	272.5	35
65.1	64.7	65.5	258.2	254.6	252.1	77.8	77.4	77.6	246.2	246.7	239.0	163.6	163.4	158.4	36
2.9	2.8	2.8	10.4	10.3	10.2	1.4	1.4	1.3	4.9	5.0	4.7	6.9	6.9	6.3	37
1.5	1.5	1.5	8.5	8.4	8.4	(1)	(1)	(1)	7.4	7.5	7.2	4.4	4.8	4.0	38
1.9	1.9	2.1	13.4	13.4	13.1	2.1	2.1	2.1	8.2	8.9	8.1	7.4	7.4	7.0	39
1.9	1.9	1.9	9.2	9.1	9.1	1.3	1.3	1.3	7.2	7.2	7.0	6.3	6.3	6.2	40
2.2	2.2	2.2	8.7	8.8	8.9	(1)	(1)	(1)	7.4	7.5	7.2	4.0	4.0	4.1	41
8.4	8.4	8.3	35.7	35.5	35.9	8.5	8.6	8.4	27.5	27.7	27.1	24.6	24.3	23.7	42
4.1	4.1	4.2	22.6	22.3	22.5	5.9	5.9	5.8	18.4	18.6	18.1	14.6	14.5	14.1	43

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
1	MICHIGAN	2,693.2	2,675.9	2,547.8	14.9	13.6	13.7	123.9	127.2	109.8	1,113.2	1,106.0	1,041.1
2	Ann Arbor	93.5	93.1	84.9	(1)	(1)	(1)	2.9	2.9	2.7	33.5	33.2	28.3
3	Detroit	1,370.4	1,356.0	1,289.6	.9	.9	.9	56.4	57.4	52.0	580.9	576.8	539.3
4	Flint	151.7	150.3	145.0	(1)	(1)	(1)	6.3	6.7	5.3	85.2	84.0	80.8
5	Grand Rapids	165.1	164.7	157.5	(1)	(1)	(1)	8.6	9.1	7.7	73.8	73.4	69.2
6	Kalamazoo	64.2	64.5	62.1	(1)	(1)	(1)	3.4	3.7	2.7	26.7	26.8	26.9
7	Lansing	108.5	107.8	101.6	(1)	(1)	(1)	4.5	4.8	4.4	39.0	38.2	34.7
8	Muskegon-Muskegon Heights	48.8	48.5	45.3	(1)	(1)	(1)	1.6	1.6	1.3	26.8	26.6	24.1
9	Saginaw	65.0	65.0	60.7	(1)	(1)	(1)	3.0	3.1	3.0	30.8	30.6	28.1
10	MINNESOTA	1,089.9	1,096.1	1,050.9	14.3	15.1	13.8	62.8	66.7	58.6	260.1	262.3	250.9
11	Duluth-Superior	53.4	53.3	50.6	(1)	(1)	(1)	3.0	2.9	2.4	9.6	9.7	9.7
12	Minneapolis-St. Paul	649.5	648.7	624.6	(1)	(1)	(1)	36.3	38.4	34.5	173.5	173.1	165.8
13	MISSISSIPPI	495.3	494.2	471.9	5.6	5.6	5.9	29.5	30.1	29.0	158.3	156.8	144.7
14	Jackson	77.8	77.1	75.0	.8	.8	1.0	5.8	5.5	5.7	12.8	12.6	11.8
15	MISSOURI	1,479.6	1,475.5	1,436.2	8.2	8.2	8.0	86.5	87.3	80.0	415.4	413.7	404.4
16	Kansas City 2	449.7	448.0	438.7	.6	.6	.7	24.8	26.0	25.2	116.6	116.6	113.6
17	St. Louis	812.6	814.4	793.0	2.9	2.9	2.8	46.6	48.1	45.9	276.4	275.6	270.3
18	MONTANA	183.9	186.8	178.4	7.3	7.3	7.7	14.2	15.2	12.0	23.3	23.9	22.3
19	Billings	24.8	25.0	25.1	(1)	(1)	(1)	1.7	1.8	1.9	3.1	3.2	3.1
20	Great Falls	22.3	22.5	22.3	(1)	(1)	(1)	2.2	2.5	2.5	3.2	3.1	3.1
21	NEBRASKA	417.5	417.4	407.5	2.0	2.0	2.0	25.6	25.2	24.2	69.8	70.4	68.5
22	Omaha	174.3	173.6	171.1	(3)	(3)	(3)	10.2	10.0	9.3	35.2	35.3	36.2
23	NEVADA	157.2	154.6	149.2	3.7	3.7	3.2	12.0	12.2	13.2	6.5	6.6	7.0
24	Reno	47.6	48.3	43.8	(7)	(7)	(7)	4.9	5.1	4.2	2.6	2.6	2.5
25	NEW HAMPSHIRE	216.3	220.6	207.2	.2	.2	.3	10.8	11.2	10.1	91.1	90.6	86.3
26	Manchester	45.6	45.5	43.9	(1)	(1)	(1)	2.3	2.4	2.2	17.5	17.4	16.7
27	NEW JERSEY	2,271.8	2,267.2	2,190.4	3.6	3.6	3.6	115.0	117.0	110.9	838.6	835.8	812.2
28	Atlantic City	52.7	55.5	50.9	-	-	-	3.3	3.5	3.4	8.8	9.0	8.1
29	Jersey City 8	253.9	253.7	253.2	-	-	-	6.9	7.1	6.3	112.3	112.3	113.7
30	Newark 8	721.4	716.2	701.4	.9	.9	.8	31.1	31.6	30.9	248.5	245.3	238.7
31	Paterson-Clifton-Passaic 8	423.0	422.3	407.2	.4	.4	.5	24.3	24.7	23.7	172.3	172.7	164.9
32	Perth Amboy 8	215.1	213.6	205.6	.7	.7	.8	11.3	11.3	11.1	99.4	99.4	94.7
33	Trenton	119.3	118.1	116.1	.1	.1	.1	5.8	5.9	5.2	40.4	39.7	39.9
34	NEW MEXICO 2	267.2	267.3	257.8	17.2	17.1	17.1	20.4	20.8	19.2	17.0	17.0	17.2
35	Albuquerque 2	95.4	95.6	92.3	(1)	(1)	(1)	7.0	7.1	7.7	8.2	8.2	8.4
36	NEW YORK	6,575.1	6,568.5	6,461.0	9.2	9.3	9.5	266.5	274.7	276.0	1,871.0	1,873.4	1,834.7
37	Albany-Schenectady-Troy	247.3	246.7	239.6	(1)	(1)	(1)	11.7	11.9	10.4	64.2	63.9	61.9
38	Binghamton	101.1	100.5	95.6	(1)	(1)	(1)	4.5	4.8	3.3	47.3	46.6	44.0
39	Buffalo	454.4	455.9	440.2	(1)	(1)	(1)	19.8	20.8	19.1	177.5	178.7	168.3
40	Elmira 9	35.5	35.6	33.7	-	-	-	-	-	-	15.4	15.3	13.9
41	Nassau and Suffolk Counties 10	567.3	564.1	542.9	(1)	(1)	(1)	35.1	36.1	39.5	133.1	131.7	125.4
42	New York-Northeastern New Jersey	6,121.1	6,105.2	6,019.4	4.7	4.8	5.0	237.3	241.0	253.7	1,729.7	1,731.4	1,710.1
43	New York SMSA 8	4,507.6	4,499.4	4,452.0	2.7	2.8	2.9	163.7	166.3	181.7	1,097.2	1,101.7	1,098.1
44	New York City 10	3,627.0	3,622.8	3,607.7	2.1	2.2	2.3	110.0	111.5	123.9	878.0	884.1	888.1
45	Rochester	305.8	305.3	293.4	(1)	(1)	(1)	12.7	14.1	14.1	137.1	136.3	129.8
46	Syracuse	200.8	201.0	193.5	(1)	(1)	(1)	10.1	10.8	9.7	67.0	66.6	64.7
47	Utica-Rome	104.7	104.9	101.8	(1)	(1)	(1)	3.4	3.7	2.8	40.3	40.0	37.4
48	Westchester County 10	266.8	265.9	257.7	(1)	(1)	(1)	15.9	15.9	15.6	72.5	72.4	71.4

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



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	
139.8	138.7	133.6	504.0	493.7	480.3	95.6	95.5	93.0	324.4	324.6	312.9	377.3	376.6	363.3	1
2.3	2.3	2.2	11.4	11.3	9.8	1.4	1.4	1.4	6.8	6.7	6.9	35.4	35.4	33.6	2
75.1	74.8	72.2	272.0	264.0	258.2	56.3	56.4	55.3	178.5	176.0	169.9	150.3	149.6	141.8	3
5.0	4.9	4.7	22.8	22.3	22.3	3.3	3.3	3.2	13.5	13.4	13.3	15.6	15.7	15.5	4
9.2	9.2	9.3	33.0	32.6	31.2	5.5	5.4	5.5	20.9	20.9	20.9	14.0	14.0	13.9	5
2.2	2.2	2.2	11.4	11.3	10.6	1.8	1.8	1.7	7.4	7.4	7.3	11.5	11.4	10.7	6
3.2	3.2	3.1	18.9	18.6	18.2	3.5	3.5	3.3	9.9	10.0	9.7	29.5	29.4	28.2	7
2.4	2.4	2.3	7.4	7.4	7.1	1.3	1.3	1.2	4.7	4.7	4.7	4.6	4.5	4.6	8
4.0	4.0	3.8	11.7	11.6	11.2	1.8	1.8	1.6	7.4	7.5	6.7	6.4	6.4	6.3	9
82.0	82.2	79.4	262.0	260.7	254.5	52.0	52.0	52.0	163.2	163.9	157.0	193.7	193.2	184.7	10
9.4	9.6	8.5	12.2	12.1	11.5	1.9	2.0	2.0	9.2	9.2	9.0	8.0	7.9	7.6	11
51.6	51.4	50.0	160.5	158.8	155.8	38.2	38.2	38.2	101.6	102.3	96.9	87.7	86.5	83.3	12
26.6	27.2	27.2	93.2	92.5	92.0	16.8	16.7	16.5	56.0	56.4	54.9	109.3	108.8	101.6	13
4.8	4.8	4.7	17.7	17.6	17.1	5.3	5.3	5.2	13.0	13.1	12.9	17.5	17.5	16.7	14
117.0	118.2	115.7	333.1	330.1	327.7	77.4	77.7	76.7	216.0	216.5	209.7	226.0	223.8	214.0	15
45.0	45.1	44.6	112.3	109.2	109.3	28.8	28.8	28.4	63.7	64.1	61.9	57.9	57.6	55.0	16
61.3	64.0	62.9	168.9	167.5	163.8	40.1	40.3	39.7	124.4	124.9	119.3	92.0	91.1	88.3	17
17.5	17.8	17.4	42.2	42.9	41.9	7.0	7.0	6.9	24.9	25.2	24.9	47.5	47.5	45.3	18
2.4	2.4	2.6	7.6	7.7	7.6	1.4	1.4	1.4	4.6	4.6	4.6	4.0	3.9	3.9	19
2.0	2.0	2.0	5.8	5.9	5.7	1.3	1.3	1.3	3.4	3.5	3.5	4.4	4.2	4.2	20
35.9	36.4	36.3	104.5	104.0	101.1	24.7	24.8	24.7	65.3	65.2	63.1	89.7	89.4	87.7	21
19.9	20.2	20.1	42.7	42.3	41.4	14.4	14.4	14.3	28.2	27.9	27.3	23.9	23.6	22.8	22
11.9	11.9	11.5	29.8	30.0	28.3	6.2	6.2	6.0	57.8	54.8	52.1	29.3	29.2	27.9	23
4.3	4.3	4.1	10.3	10.2	9.3	2.5	2.5	2.3	14.5	15.1	13.5	8.5	8.5	7.9	24
9.5	9.5	9.6	39.0	39.9	37.9	8.4	8.4	8.2	30.3	33.7	28.7	27.0	27.1	26.1	25
2.8	2.7	2.7	9.5	9.5	9.4	2.7	2.7	2.6	6.9	7.0	6.6	3.9	3.9	3.8	26
158.3	157.6	154.3	441.6	437.3	427.3	99.1	99.1	97.6	315.0	317.7	300.4	300.6	299.1	284.1	27
3.4	3.4	3.4	13.5	14.1	13.6	2.8	2.8	2.9	12.0	13.7	10.9	8.9	9.0	8.6	28
35.5	35.2	35.7	37.4	37.3	37.0	8.8	8.8	8.8	25.1	25.1	24.7	27.9	27.9	27.0	29
52.1	51.7	51.7	140.3	138.2	138.4	49.0	48.8	48.2	112.1	112.7	109.1	87.4	87.0	83.6	30
23.9	23.7	23.3	91.8	90.6	89.8	14.7	14.9	14.1	54.3	54.2	52.1	41.3	41.1	38.8	31
9.8	9.8	9.8	37.8	36.3	35.7	4.3	4.3	4.2	20.3	20.3	19.7	31.6	31.5	29.6	32
6.3	6.3	6.2	20.1	19.5	19.5	4.4	4.4	4.4	19.6	19.7	19.0	22.6	22.5	21.8	33
20.3	20.3	20.1	56.1	55.7	54.3	11.6	11.6	11.2	47.6	47.7	45.3	77.0	77.1	73.4	34
6.8	6.8	6.8	23.6	23.3	21.6	5.7	5.7	5.7	21.9	22.0	21.0	22.2	22.5	21.1	35
482.5	483.2	477.7	1,345.3	1,324.7	1,328.2	507.2	508.3	503.4	1,126.1	1,134.3	1,092.8	967.2	960.5	938.7	36
13.8	13.9	13.9	48.6	47.7	47.7	9.7	9.7	9.5	39.3	39.7	38.2	60.0	59.9	58.0	37
4.7	4.7	4.6	15.7	15.6	15.7	2.8	2.8	2.8	10.5	10.4	9.9	15.6	15.5	15.3	38
31.3	31.7	31.2	88.2	87.4	87.1	16.8	16.7	16.4	57.9	58.3	57.3	62.9	62.3	60.8	39
-	-	-	6.7	6.5	6.4	-	-	-	-	-	-	-	-	-	40
26.4	26.4	25.6	145.9	142.9	138.1	24.8	24.9	23.3	97.7	98.9	91.7	104.3	103.3	99.3	41
488.7	487.3	482.8	1,285.2	1,263.8	1,257.9	514.7	515.5	508.8	1,059.7	1,064.0	1,025.6	801.1	797.4	775.5	42
367.4	366.9	362.3	977.9	961.4	957.1	437.9	438.7	433.5	847.8	851.8	820.0	612.9	609.9	596.5	43
321.8	321.4	318.0	764.0	751.9	754.3	399.2	399.9	396.7	689.9	691.9	672.1	461.9	459.9	452.3	44
12.8	12.9	12.8	54.3	53.1	51.8	10.0	10.0	9.5	41.8	41.9	39.3	36.9	36.9	36.1	45
13.0	13.0	12.6	42.7	42.5	40.4	9.7	9.8	9.6	29.0	29.3	28.3	29.2	29.0	28.3	46
5.2	5.2	5.2	16.4	16.6	16.3	4.0	4.0	4.1	11.6	12.1	11.2	23.8	23.4	24.8	47
17.0	16.9	16.5	59.6	58.3	57.4	12.2	12.2	11.9	53.9	54.6	50.8	35.7	35.6	34.2	48

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
1	NORTH CAROLINA .....	1,452.3	1,452.4	1,392.3	3.0	2.8	2.5	89.8	88.7	81.1	601.2	606.2	581.4
2	Charlotte .....	138.5	137.1	133.0	(1)	(1)	(1)	9.9	9.8	9.8	35.1	34.8	34.1
3	Greensboro-High Point .....	-	-	-	-	-	-	7.1	7.0	6.7	47.4	47.3	45.6
4	Winston-Salem .....	-	-	-	-	-	-	-	-	-	38.2	38.9	37.7
5	NORTH DAKOTA .....	147.4	148.7	146.6	1.9	2.0	1.9	12.1	13.7	13.7	8.3	8.3	8.8
6	Fargo-Moorhead .....	34.3	34.3	33.4	(1)	(1)	(1)	2.2	2.4	2.3	2.6	2.7	2.5
7	OHIO .....	3,380.4	3,376.4	3,286.6	20.7	20.8	20.6	145.8	152.3	146.0	1,324.8	1,325.2	1,277.4
8	Akron .....	210.9	209.6	204.2	.2	.2	.2	7.3	7.5	7.2	93.0	92.9	90.3
9	Canton .....	118.3	118.4	116.2	.3	.3	.3	4.0	4.1	3.9	58.3	58.5	57.3
10	Cincinnati .....	436.3	435.0	427.6	.4	.4	.4	20.4	21.1	20.2	154.6	154.4	150.8
11	Cleveland .....	774.9	772.4	754.4	1.0	1.1	.9	35.1	36.1	35.7	295.8	296.5	286.2
12	Columbus .....	319.1	317.7	306.1	.9	1.0	.9	16.4	16.9	15.7	82.0	81.8	79.0
13	Dayton .....	286.5	283.5	273.9	.5	.5	.5	12.2	12.4	11.2	118.2	116.8	111.1
14	Toledo .....	207.7	206.3	199.3	.3	.3	.3	8.2	8.7	8.4	77.4	76.9	74.8
15	Youngstown-Warren .....	167.5	168.9	165.0	.4	.4	.4	7.5	7.6	7.2	76.8	78.9	78.3
16	OKLAHOMA .....	652.8	653.2	630.9	41.6	41.9	42.6	34.7	36.4	34.3	105.3	104.7	97.7
17	Oklahoma City .....	214.3	214.1	206.2	6.8	6.8	6.8	13.3	13.8	13.5	29.4	29.1	26.0
18	Tulsa .....	149.6	149.7	145.8	12.8	12.8	12.7	8.8	9.1	9.4	35.8	35.7	32.8
19	OREGON <sup>2</sup> .....	622.0	628.7	583.6	1.6	1.8	1.4	33.4	36.0	30.2	161.6	165.8	152.2
20	Eugene .....	61.8	62.2	57.7	(1)	(1)	(1)	3.6	4.0	3.8	19.9	19.9	18.8
21	Portland <sup>2</sup> .....	322.6	324.0	300.9	(1)	(1)	(1)	16.0	16.4	14.6	75.1	76.5	69.5
22	PENNSYLVANIA .....	3,907.2	3,900.6	3,834.5	45.3	45.6	46.5	163.5	170.1	163.5	1,491.2	1,490.8	1,460.0
23	Allentown-Bethlehem-Easton .....	198.8	197.6	193.0	.5	.5	.5	7.8	8.0	7.5	102.5	101.8	99.2
24	Altoona .....	43.5	43.4	42.2	(1)	(1)	(1)	1.4	1.4	1.3	13.6	13.4	12.3
25	Erie .....	85.8	85.5	83.2	(1)	(1)	(1)	2.8	2.9	2.4	41.5	41.6	40.5
26	Harrisburg .....	159.6	159.9	156.8	(1)	(1)	(1)	9.8	9.7	7.6	35.7	36.4	35.7
27	Johnstown .....	71.8	72.4	70.8	5.3	5.4	5.1	2.2	2.2	1.9	25.6	26.1	25.6
28	Lancaster .....	107.1	107.0	101.8	(1)	(1)	(1)	6.9	7.1	5.6	52.9	52.7	49.5
29	Philadelphia .....	1,591.7	1,532.1	1,557.6	1.4	1.4	1.3	70.7	73.9	73.2	555.9	553.8	537.5
30	Pittsburgh .....	779.7	780.0	781.9	9.7	9.6	9.6	33.0	33.9	35.7	276.8	278.0	283.2
31	Reading .....	112.1	111.9	108.4	(1)	(1)	(1)	4.3	4.5	4.3	56.4	56.3	53.7
32	Scranton .....	78.4	78.3	76.4	.9	.9	1.1	2.2	2.3	2.1	32.5	32.5	31.5
33	Wilkes-Barre-Hazleton .....	109.2	109.1	107.3	4.1	4.1	4.8	4.7	4.7	4.2	47.3	47.3	46.1
34	York .....	113.9	113.1	108.7	(1)	(1)	(1)	5.6	5.8	5.7	58.1	57.5	55.2
35	RHODE ISLAND .....	310.6	310.3	307.8	(1)	(1)	(1)	15.1	15.4	15.7	117.4	117.3	117.4
36	Providence-Pawtucket-Warwick .....	328.5	327.8	320.1	(1)	(1)	(1)	15.3	15.6	16.2	137.9	137.4	133.4
37	SOUTH CAROLINA <sup>2</sup> .....	699.9	698.1	666.1	1.7	1.7	1.6	45.7	46.4	39.3	298.6	297.7	283.1
38	Charleston .....	72.5	71.5	67.8	(1)	(1)	(1)	5.8	5.9	5.1	11.5	11.3	11.3
39	Columbia .....	83.4	83.1	80.5	(1)	(1)	(1)	6.7	6.7	5.7	16.8	16.9	16.1
40	Greenville .....	99.3	98.7	94.7	(1)	(1)	(1)	6.7	6.8	6.2	50.2	49.8	47.2
41	SOUTH DAKOTA .....	150.7	151.4	152.5	2.4	2.4	2.5	9.5	10.4	9.3	13.5	13.3	13.8
42	Sioux Falls .....	30.2	30.2	30.1	(1)	(1)	(1)	2.5	2.6	1.9	5.3	5.3	5.5
43	TENNESSEE .....	1,132.8	1,128.4	1,072.8	7.0	6.9	7.0	60.7	61.6	58.6	393.7	391.5	369.0
44	Chattanooga .....	108.2	107.8	103.0	.2	.2	.2	5.3	5.0	4.8	45.4	45.4	42.7
45	Knoxville .....	131.9	130.1	127.5	1.7	1.7	1.7	6.1	6.1	5.9	45.9	44.9	43.6
46	Memphis .....	224.2	223.5	217.8	.2	.3	.2	12.3	12.2	11.9	50.9	50.9	49.4
47	Nashville .....	190.8	189.6	181.7	(1)	(1)	(1)	13.0	13.4	12.2	56.2	55.5	52.4
48	TEXAS .....	2,931.6	2,922.8	2,829.9	110.2	110.3	111.5	184.7	188.8	185.2	565.8	561.8	542.5
49	Austin .....	-	-	-	-	-	-	-	-	-	6.4	6.4	6.3
50	Beaumont-Port Arthur .....	-	-	-	-	-	-	-	-	-	33.3	33.6	34.0
51	Corpus Christi .....	-	-	-	-	-	-	-	-	-	10.4	10.4	10.0

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

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Service and miscellaneous			Government			
Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	
76.0	75.9	72.4	266.5	262.8	257.2	54.2	54.2	52.0	150.3	159.8	150.9	203.3	202.0	194.8	1
14.9	14.9	14.5	37.4	36.5	35.4	9.1	9.1	8.8	17.4	17.4	16.8	14.7	14.6	13.6	2
6.2	6.3	5.8	24.2	23.1	22.4	6.9	6.9	6.8	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
11.9	12.0	12.0	41.0	40.8	39.7	6.1	6.2	6.2	25.5	25.5	25.0	40.4	40.3	39.3	5
3.0	3.1	3.0	10.4	10.4	10.1	2.1	2.1	2.0	6.5	6.5	6.2	7.5	7.2	7.2	6
205.8	205.5	199.7	657.6	647.2	649.9	132.1	132.0	129.6	420.7	424.5	410.7	472.8	468.9	452.9	7
13.7	13.6	13.4	39.5	39.2	38.7	5.8	5.8	5.7	24.9	24.9	24.1	26.4	25.6	24.5	8
6.0	6.1	5.9	21.6	21.3	21.3	3.8	3.9	3.9	13.8	14.0	13.1	10.4	10.3	10.6	9
31.8	32.0	31.8	93.8	91.1	92.4	23.9	23.9	23.4	57.1	57.8	56.8	54.3	54.2	51.8	10
48.2	47.9	46.7	158.7	155.6	156.9	36.2	36.2	35.4	106.3	107.4	102.9	93.6	91.7	89.5	11
19.5	19.4	18.8	66.9	65.9	65.9	20.0	19.8	19.1	46.8	47.6	44.2	66.6	65.3	62.6	12
10.8	10.8	10.3	50.3	48.7	49.5	8.1	8.0	7.5	36.0	36.1	34.6	50.4	50.1	49.2	13
15.3	15.2	14.4	44.0	43.4	42.8	6.7	6.7	6.5	28.9	28.8	27.4	26.9	26.4	24.7	14
9.0	8.9	8.7	30.9	30.1	29.5	4.5	4.5	4.3	21.7	21.8	20.8	16.7	16.6	15.8	15
48.5	48.4	45.7	146.5	146.3	146.5	31.0	31.2	30.8	88.9	89.1	86.5	156.3	155.2	146.8	16
13.8	13.9	13.5	50.5	50.5	49.5	13.4	13.3	13.1	29.8	29.7	28.7	57.3	57.0	54.8	17
14.4	14.4	14.1	34.2	34.0	34.1	7.3	7.3	7.2	22.0	22.1	21.4	14.3	14.3	14.1	18
46.7	46.8	45.1	141.8	141.5	132.6	28.6	28.4	26.9	86.6	87.6	80.0	121.7	120.8	115.2	19
3.7	3.8	3.6	12.4	12.4	11.4	2.3	2.3	2.2	7.7	7.7	6.7	12.2	12.1	11.2	20
28.3	28.4	27.6	80.5	79.9	76.2	19.1	19.1	18.0	50.0	50.4	46.1	53.6	53.3	48.9	21
260.1	260.9	259.2	717.0	705.9	705.2	163.2	163.1	160.0	550.7	553.7	542.6	516.2	510.5	497.5	22
10.7	10.7	10.6	31.2	30.5	30.9	5.3	5.3	5.3	24.1	24.4	23.4	16.7	16.4	15.6	23
8.9	8.9	9.2	7.3	7.4	7.3	1.1	1.1	1.1	6.0	6.0	5.9	5.2	5.2	5.1	24
4.9	4.9	4.7	14.5	14.2	14.2	2.7	2.6	2.5	10.7	10.7	10.6	8.7	8.6	8.3	25
12.7	12.7	12.6	28.3	27.7	27.4	7.0	7.0	6.8	22.0	22.1	20.7	44.1	44.3	46.0	26
4.7	4.7	4.9	12.0	11.9	11.6	1.8	1.8	1.8	10.0	10.1	9.9	10.2	10.2	10.0	27
5.0	5.0	4.9	18.0	17.7	17.8	2.3	2.3	2.3	13.2	13.4	12.8	8.8	8.8	8.9	28
106.1	106.7	105.6	320.6	314.0	316.8	85.7	85.8	85.2	241.0	239.1	237.5	210.3	207.4	200.5	29
54.4	54.2	54.7	157.2	155.0	153.0	32.1	31.9	32.0	128.1	129.6	127.9	88.4	87.8	85.8	30
5.8	5.8	5.6	16.9	16.6	16.4	4.1	4.1	4.4	14.1	14.2	13.9	10.5	10.4	10.1	31
5.8	5.7	5.6	14.6	14.4	14.3	2.3	2.4	2.4	11.3	11.3	10.9	8.8	8.8	8.5	32
5.7	5.7	5.7	18.4	18.3	18.3	3.5	3.5	3.4	12.3	12.3	12.0	13.2	13.2	12.8	33
5.7	5.7	5.6	18.9	18.6	18.0	2.4	2.4	2.3	12.4	12.4	12.1	10.8	10.6	9.8	34
15.1	15.1	14.8	57.2	56.4	57.7	13.8	13.8	13.5	47.2	47.7	45.7	44.8	44.6	43.0	35
14.6	14.6	14.3	58.5	57.7	57.9	13.8	13.8	13.5	46.3	46.8	44.6	42.1	41.9	40.2	36
28.4	28.4	27.5	116.1	115.1	112.0	23.5	23.5	24.3	68.9	69.0	67.3	117.0	116.3	111.0	37
4.5	4.3	4.3	14.9	14.5	14.1	2.8	2.8	2.8	8.0	8.0	7.6	25.0	24.7	22.6	38
5.1	5.1	4.9	17.5	17.2	17.1	5.8	5.8	5.7	9.9	9.9	9.9	21.6	21.5	21.1	39
3.7	3.8	3.5	16.2	15.9	15.7	3.6	3.6	3.6	10.1	10.1	10.0	8.8	8.7	8.5	40
10.1	10.0	10.1	39.6	39.6	40.5	6.7	6.8	6.8	23.9	24.2	24.9	45.1	44.8	44.9	41
2.9	2.8	2.8	9.1	9.0	9.0	1.7	1.7	1.8	4.9	5.0	5.4	3.8	3.8	3.8	42
58.4	58.5	57.3	225.2	222.6	214.1	46.6	46.8	45.4	149.4	149.8	143.1	191.8	190.7	178.3	43
5.2	5.2	5.1	19.6	19.2	19.6	5.7	5.7	5.6	12.9	13.2	12.3	13.9	13.9	12.7	44
6.9	6.9	6.6	27.2	26.6	26.3	4.6	4.6	4.5	15.6	15.5	15.1	23.9	23.8	23.8	45
17.4	17.3	17.1	59.1	58.3	57.9	11.9	11.9	11.8	32.9	32.8	32.5	39.5	39.8	37.0	46
11.2	11.3	11.0	39.7	39.3	39.0	11.9	11.9	11.5	29.2	28.9	28.9	29.6	29.3	26.7	47
221.6	221.3	219.3	736.0	729.1	704.2	154.1	154.5	148.7	431.1	431.6	408.0	528.1	525.4	510.5	48
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
1	TEXAS (continued)												
1	Dallas . . . . .	488.8	485.7	461.9	7.6	7.7	7.6	27.4	27.4	29.9	122.8	121.2	111.3
2	El Paso . . . . .	-	-	-	-	-	-	-	-	-	17.3	17.1	16.2
3	Fort Worth . . . . .	-	-	-	-	-	-	-	-	-	61.9	61.6	60.2
4	Houston . . . . .	-	-	-	-	-	-	-	-	-	105.9	105.5	101.3
5	San Antonio . . . . .	-	-	-	-	-	-	11.3	11.6	11.6	25.7	25.8	25.9
6	UTAH . . . . .	307.2	308.8	299.2	12.3	12.4	11.8	17.9	18.6	17.3	49.2	50.5	51.7
7	Salt Lake City . . . . .	165.2	165.5	163.0	6.8	6.9	6.6	10.8	11.5	10.4	28.5	28.7	28.9
8	VERMONT . . . . .	120.8	121.3	111.8	1.2	1.2	1.3	6.9	7.1	6.6	40.7	40.3	35.0
9	Burlington <sup>9</sup> . . . . .	27.3	27.1	23.0	-	-	-	-	-	-	7.7	7.5	4.8
10	Springfield <sup>9</sup> . . . . .	12.9	12.7	12.2	-	-	-	-	-	-	7.1	7.0	6.2
11	VIRGINIA <sup>4</sup> . . . . .	1,241.6	1,239.2	1,195.8	15.1	15.1	15.1	93.3	94.1	90.5	331.8	332.7	320.1
12	Newport News-Hampton <sup>2</sup> . . . . .	83.1	83.2	82.9	(1)	(1)	(1)	5.8	5.8	5.3	25.4	25.6	27.2
13	Norfolk-Portsmouth . . . . .	170.3	170.3	165.4	.1	.1	.1	15.1	15.0	14.0	18.7	19.0	18.0
14	Richmond . . . . .	201.4	200.5	194.2	.2	.2	.2	14.3	14.3	13.8	49.6	49.7	48.0
15	Roanoke . . . . .	69.1	69.0	65.7	.1	.1	.1	5.5	5.7	4.9	16.7	16.6	15.7
16	WASHINGTON . . . . .	917.7	922.1	866.5	2.0	2.0	1.8	50.4	49.5	41.3	233.4	237.7	219.5
17	Seattle-Everett . . . . .	426.7	425.6	400.3	(1)	(1)	(1)	20.2	21.2	18.6	125.4	125.3	111.2
18	Spokane . . . . .	76.8	77.4	74.1	(1)	(1)	(1)	3.6	3.8	3.3	12.5	12.6	12.3
19	Tacoma . . . . .	87.6	87.8	83.1	(1)	(1)	(1)	4.5	5.1	4.2	18.0	18.3	17.4
20	WEST VIRGINIA . . . . .	472.3	470.9	466.4	48.6	48.4	48.7	21.9	23.4	23.4	127.2	127.2	127.6
21	Charleston . . . . .	75.4	74.8	75.8	3.5	3.5	3.5	2.8	3.0	3.4	20.5	20.2	21.3
22	Huntington-Ashland . . . . .	73.9	74.0	73.8	.9	.9	.9	4.2	4.3	5.0	25.0	25.4	25.1
23	Wheeling . . . . .	51.6	51.4	53.1	2.7	2.5	2.5	2.9	3.0	3.8	16.0	16.1	16.5
24	WISCONSIN . . . . .	1,347.8	1,350.4	1,293.8	2.8	2.9	2.8	63.0	65.1	60.8	491.3	493.1	470.8
25	Green Bay . . . . .	44.6	44.6	42.4	(1)	(1)	(1)	2.2	2.1	2.1	15.0	15.2	13.9
26	Kenosha . . . . .	36.5	36.4	37.9	(1)	(1)	(1)	1.4	1.5	1.3	20.4	20.2	22.3
27	La Crosse . . . . .	25.7	25.5	23.5	(1)	(1)	(1)	1.0	1.0	1.1	8.8	8.6	7.0
28	Madison . . . . .	94.9	94.9	90.1	(1)	(1)	(1)	6.3	6.7	5.9	14.7	14.7	14.1
29	Milwaukee . . . . .	507.5	503.6	486.2	(1)	(1)	(1)	24.2	24.2	22.6	202.5	200.8	192.3
30	Racine . . . . .	52.7	52.7	49.4	(1)	(1)	(1)	2.2	2.3	1.7	26.6	26.4	24.7
31	WYOMING . . . . .	96.4	98.0	97.2	8.9	8.9	9.2	7.8	7.9	9.1	7.1	7.2	8.5
32	Casper . . . . .	17.3	17.3	18.3	3.0	3.0	3.4	1.1	1.1	1.5	1.3	1.3	1.5
33	Cheyenne . . . . .	16.9	17.4	19.4	(1)	(1)	(1)	1.1	1.3	2.0	.7	.8	2.0

1 Combined with service.  
2 Series revised to 1965 benchmark; not strictly comparable with previously published data.  
3 Combined with construction.  
4 Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for District of Columbia.  
5 Not available.  
6 Initial inclusion in this publication.  
7 Combined with manufacturing.  
8 Area included in New York-Northeastern New Jersey Standard Consolidated Area.  
9 Total includes data for industry divisions not shown separately.  
10 Subarea of New York Standard Metropolitan Statistical Area.  
11 Data for 1964 not comparable with 1965.  
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			
Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	
38.9	38.8	36.8	135.6	133.9	126.2	39.1	39.1	38.4	66.4	67.1	62.8	50.8	50.4	48.8	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
9.7	9.7	9.6	-	-	-	13.2	13.2	13.0	-	-	-	59.3	59.3	56.8	5
21.3	21.7	21.6	69.1	68.7	67.6	12.8	12.9	12.7	42.8	43.0	40.9	81.8	81.0	75.6	6
13.7	13.7	13.7	43.9	43.3	43.1	9.9	10.0	9.8	23.0	23.0	22.7	28.6	28.4	27.8	7
7.0	7.0	6.9	22.3	22.6	21.7	4.3	4.3	4.2	20.2	21.0	18.9	18.4	18.0	17.5	8
1.6	1.6	1.6	5.8	5.7	5.3	-	-	-	-	-	-	-	-	-	9
.8	.8	.8	1.6	1.6	1.6	-	-	-	-	-	-	-	-	-	10
87.2	87.1	83.6	258.4	254.2	248.8	54.6	54.7	52.6	165.4	166.3	157.5	235.8	235.0	227.6	11
3.9	3.9	4.0	13.7	13.6	13.5	2.4	2.4	2.3	8.9	8.9	8.5	23.0	23.0	22.1	12
15.1	15.1	14.4	41.7	41.3	40.5	6.9	6.9	6.9	21.7	22.1	21.6	51.0	50.8	49.9	13
16.2	16.1	15.5	45.9	45.1	44.7	15.2	15.2	14.9	25.8	25.9	24.8	34.2	34.0	32.3	14
9.0	8.9	8.7	15.5	15.4	15.0	3.5	3.5	3.4	10.1	10.1	9.8	8.7	8.7	8.1	15
61.5	62.5	60.1	203.5	204.4	194.2	43.9	44.1	42.8	123.1	123.9	116.6	199.9	198.0	190.2	16
31.6	31.7	30.2	94.1	93.4	90.4	26.0	25.9	25.0	57.9	58.0	55.2	71.5	70.1	69.7	17
7.2	7.3	7.1	20.9	21.0	20.1	4.3	4.4	4.2	13.9	14.3	13.5	14.4	14.0	13.6	18
5.3	5.4	5.4	19.6	19.6	18.3	4.4	4.4	4.2	13.1	12.8	12.5	22.7	22.2	21.1	19
40.5	40.5	40.4	81.4	80.0	81.1	13.6	13.6	13.7	57.3	57.3	55.1	81.7	80.5	76.3	20
8.5	8.5	8.6	16.5	16.1	16.5	3.2	3.2	3.2	9.7	9.6	9.4	10.8	10.8	9.9	21
6.9	7.0	6.8	15.7	15.4	15.9	2.8	2.8	2.7	8.3	8.2	7.9	10.3	10.2	9.5	22
3.7	3.7	3.7	10.7	10.5	11.2	1.9	1.9	1.9	7.8	7.8	7.7	6.0	6.0	5.9	23
76.0	76.2	75.4	280.5	277.1	271.1	52.7	52.9	50.6	174.1	176.7	167.3	207.4	206.5	195.1	24
4.1	4.0	4.0	11.0	11.1	10.6	1.3	1.3	1.2	6.5	6.5	6.2	4.5	4.5	4.4	25
1.5	1.5	1.7	5.4	5.3	5.0	.7	.8	.7	4.0	4.0	3.9	3.1	3.2	3.0	26
2.1	2.1	2.0	5.8	5.8	5.7	.5	.6	.6	4.3	4.3	4.1	3.2	3.2	3.0	27
4.9	4.9	4.7	19.5	19.2	18.7	4.8	4.9	4.7	13.5	13.6	12.5	31.2	31.0	29.6	28
28.6	28.7	28.6	105.0	102.5	101.5	24.5	24.5	23.8	65.9	66.3	64.0	56.9	56.7	53.4	29
1.9	1.9	1.9	9.0	8.9	8.7	1.3	1.3	1.3	6.2	6.3	5.8	5.6	5.5	5.3	30
10.1	10.3	10.5	21.1	21.5	20.6	3.5	3.5	3.4	11.4	11.9	11.0	26.5	26.8	24.9	31
1.6	1.6	1.7	4.1	4.2	4.3	.8	.8	.8	2.3	2.3	2.3	3.1	3.0	2.8	32
2.5	2.6	2.5	4.0	4.0	4.2	1.0	1.0	1.0	2.5	2.6	2.5	5.1	5.1	5.2	33

**ESTABLISHMENT DATA**  
**HISTORICAL HOURS AND EARNINGS**

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

Year and month	Manufacturing			Durable goods			Nondurable goods		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
1919.....	\$21.84	46.3	\$0.472	-	-	-	-	-	-
1920.....	26.02	47.4	.549	-	-	-	-	-	-
1921.....	21.94	43.1	.509	-	-	-	-	-	-
1922.....	21.28	44.2	.482	-	-	-	-	-	-
1923.....	23.56	45.6	.516	\$25.42	-	-	\$21.50	-	-
1924.....	23.67	43.7	.541	25.48	-	-	21.63	-	-
1925.....	24.11	44.5	.541	26.02	-	-	21.99	-	-
1926.....	24.38	45.0	.542	26.23	-	-	22.29	-	-
1927.....	24.47	45.0	.544	26.28	-	-	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	108.09	41.1	2.63	87.91	39.6	2.22
1964.....	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	107.27	41.1	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1964: December.....	107.07	41.5	2.58	117.02	42.4	2.76	93.50	40.3	2.32
1965: January.....	105.52	40.9	2.58	115.37	41.8	2.76	92.50	39.7	2.33
February.....	105.93	40.9	2.59	115.79	41.8	2.77	92.73	39.8	2.33
March.....	106.71	41.2	2.59	117.04	42.1	2.78	93.20	40.0	2.33
April.....	105.82	40.7	2.60	115.93	41.7	2.78	92.20	39.4	2.34
May.....	107.53	41.2	2.61	117.46	42.1	2.79	94.00	40.0	2.35
June.....	107.79	41.3	2.61	117.74	42.2	2.79	94.47	40.2	2.35
July.....	107.01	41.0	2.61	116.06	41.6	2.79	94.87	40.2	2.36
August.....	106.45	41.1	2.59	115.51	41.7	2.77	95.11	40.3	2.36
September.....	107.83	41.0	2.63	117.18	41.7	2.81	95.68	40.2	2.38
October.....	108.62	41.3	2.63	118.72	42.1	2.82	95.68	40.2	2.38
November.....	109.71	41.4	2.65	119.43	42.2	2.83	96.32	40.3	2.39
December.....	110.92	41.7	2.66	120.98	42.6	2.84	97.20	40.5	2.40

**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 and 1965 annual averages are preliminary.

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<b>MINING</b>		\$123.61	\$126.26	\$120.12	\$120.98	-	\$2.95	\$2.95	\$2.86	\$2.86
10	METAL MINING		130.00	130.31	126.72	124.01	-	3.14	3.14	3.01	3.01
101	Iron ores		130.49	129.36	127.80	125.06	-	3.23	3.21	3.14	3.15
102	Copper ores		140.71	143.11	137.02	134.54	-	3.22	3.26	3.10	3.10
11,12	COAL MINING		129.78	143.24	135.20	134.67	-	3.47	3.46	3.33	3.35
12	Bituminous		132.33	146.30	138.17	136.21	-	3.51	3.50	3.37	3.38
	<b>CRUDE PETROLEUM AND NATURAL GAS</b>										
13	GAS		118.15	115.92	113.36	115.18	-	2.78	2.76	2.68	2.71
131,2	Crude petroleum and natural gas fields		126.69	123.42	122.40	123.41	-	3.09	3.04	3.00	3.01
138	Oil and gas field services		111.18	109.91	107.01	108.38	-	2.55	2.55	2.46	2.48
14	QUARRYING AND NONMETALLIC MINING		123.29	123.87	108.75	113.54	-	2.64	2.63	2.50	2.49
142	Crushed and broken stone		121.38	124.71	106.68	115.17	-	2.55	2.54	2.43	2.44
	<b>CONTRACT CONSTRUCTION</b>		135.40	144.01	133.95	131.73	-	3.73	3.76	3.63	3.57
15	GENERAL BUILDING CONTRACTORS		126.35	132.49	126.94	123.53	-	3.61	3.62	3.49	3.47
16	HEAVY CONSTRUCTION		135.09	149.45	127.20	129.68	-	3.42	3.50	3.27	3.21
161	Highway and street construction		133.60	151.70	118.49	125.97	-	3.34	3.44	3.11	3.08
162	Other heavy construction		136.54	146.01	135.43	133.33	-	3.51	3.57	3.42	3.35
17	SPECIAL TRADE CONTRACTORS		142.16	150.00	142.07	138.68	-	3.96	4.00	3.85	3.81
171	Plumbing, heating, and air conditioning		149.29	156.01	152.09	145.16	-	3.96	3.99	3.87	3.81
172	Painting, paperhanging, and decorating		131.48	140.54	129.59	127.45	-	3.80	3.84	3.63	3.57
173	Electrical work		166.57	174.39	172.62	164.11	-	4.43	4.46	4.37	4.33
174	Masonry, plastering, stone and tile work		129.09	137.11	124.32	127.25	-	3.90	3.94	3.70	3.71
176	Roofing and sheet metal work		-	112.85	127.41	111.54	-	3.43	3.51	3.30	3.27
	<b>MANUFACTURING</b>	\$110.92	109.71	108.62	107.07	104.30	\$2.66	2.65	2.63	2.58	2.55
19,24,25,32-39	DURABLE GOODS	120.98	119.43	118.72	117.02	113.42	2.84	2.83	2.82	2.76	2.72
20-23,26-31	NONDURABLE GOODS	97.20	96.32	95.68	93.50	92.17	2.40	2.39	2.38	2.32	2.31
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	137.81	133.56	133.56	127.31	124.95	3.19	3.15	3.15	3.09	3.07
192	Ammunition, except for small arms	143.22	138.55	138.13	131.33	128.30	3.30	3.26	3.25	3.18	3.16
1925	Guided missiles and spacecraft, complete	-	149.82	148.78	139.36	135.79	-	3.46	3.46	3.35	3.32
194	Sighting and fire control equipment	-	127.39	124.40	126.14	126.67	-	3.13	3.11	3.13	3.12
191,3,5,6,9	Other ordnance and accessories	125.40	123.97	124.10	119.48	117.50	2.93	2.91	2.92	2.90	2.88
	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b>	89.40	89.57	91.49	84.42	85.01	2.17	2.19	2.21	2.10	2.12
24	Sawmills and planing mills	82.01	82.22	84.26	78.60	79.40	2.02	2.03	2.05	1.97	1.98
2421	Sawmills and planing mills, general	-	84.44	85.89	79.99	81.00	-	2.09	2.10	2.02	2.03
243	Millwork, plywood, and related products	99.41	97.81	98.47	93.94	94.16	2.35	2.34	2.35	2.28	2.28
2431	Millwork	-	94.13	95.94	91.08	90.23	-	2.33	2.34	2.26	2.25
2432	Veneer and plywood	-	100.39	101.29	97.29	98.64	-	2.34	2.35	2.30	2.31
244	Wooden containers	74.05	74.46	75.96	70.64	69.55	1.78	1.79	1.80	1.74	1.73
2441,2	Wooden boxes, shooks, and crates	-	72.07	73.33	68.71	68.04	-	1.72	1.75	1.68	1.68
249	Miscellaneous wood products	86.11	85.91	86.32	82.80	81.80	2.07	2.07	2.07	2.00	2.00
25	FURNITURE AND FIXTURES	91.58	90.30	90.73	88.83	86.73	2.16	2.15	2.15	2.09	2.07
251	Household furniture	87.76	85.68	85.88	84.97	83.13	2.06	2.04	2.04	1.99	1.97
2511	Wood house furniture, upholstered	-	80.51	80.46	79.61	78.87	-	1.89	1.88	1.83	1.83
2512	Wood house furniture, upholstered	-	94.75	92.77	94.39	90.07	-	2.24	2.23	2.19	2.16
2515	Mattresses and bedsprings	-	90.68	94.53	87.74	86.51	-	2.29	2.30	2.21	2.19
252	Office furniture	-	106.68	106.75	101.46	97.99	-	2.51	2.50	2.41	2.39
254	Partitions; office and store fixtures	-	111.92	115.87	107.98	107.18	-	2.71	2.72	2.64	2.64
253,9	Other furniture and fixtures	94.53	94.08	93.68	91.79	89.23	2.24	2.24	2.22	2.17	2.15
32	STONE, CLAY, AND GLASS PRODUCTS	113.21	112.67	112.94	106.50	107.26	2.67	2.67	2.67	2.56	2.56
321	Flat glass	-	157.18	152.76	146.46	151.28	-	3.63	3.62	3.43	3.51
322	Glass and glassware, pressed or blown	111.24	109.34	108.00	104.70	103.94	2.70	2.68	2.66	2.56	2.56
3221	Glass containers	-	109.89	109.48	106.55	104.60	-	2.70	2.71	2.58	2.57
3229	Pressed and blown glassware, n.e.c.	-	108.65	106.75	102.62	102.87	-	2.65	2.61	2.54	2.54
324	Cement, hydraulic	127.31	131.25	126.79	119.72	123.85	3.09	3.14	3.10	2.92	2.97
325	Structural clay products	94.85	95.08	95.72	91.46	91.88	2.28	2.28	2.29	2.22	2.23
3251	Brick and structural clay tile	-	90.10	91.16	86.29	87.55	-	2.12	2.13	2.04	2.06
326	Pottery and related products	-	96.88	96.32	95.11	95.71	-	2.41	2.39	2.36	2.34
327	Concrete, gypsum and plaster products	115.80	115.72	118.46	105.83	109.19	2.62	2.63	2.65	2.49	2.51
328,9	Other stone and mineral products	115.56	113.25	113.10	108.94	108.26	2.70	2.69	2.68	2.60	2.59
3291	Abrasive products	-	117.18	114.67	108.79	109.61	-	2.79	2.79	2.66	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,<sup>1</sup> by industry**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<b>MINING</b> .....		41.9	42.8	42.0	42.3					
	<b>METAL MINING</b> .....		41.4	41.5	42.1	41.2					
10	Iron ores .....		40.4	40.3	40.7	39.7					
101	Copper ores .....		43.7	43.9	44.2	43.4					
102	<b>COAL MINING</b> .....		37.4	41.4	40.6	40.2					
11,12,12	Bituminous .....		37.7	41.8	41.0	40.3					
	<b>CRUDE PETROLEUM AND NATURAL GAS</b> .....		42.5	42.0	42.3	42.5					
13	Crude petroleum and natural gas fields .....		41.0	40.6	40.8	41.0					
131,2	Oil and gas field services .....		43.6	43.1	43.5	43.7					
138	<b>QUARRYING AND NONMETALLIC MINING</b> .....		46.7	47.1	43.5	45.6					
14	Crushed and broken stone .....		47.6	49.1	43.9	47.2					
142	<b>CONTRACT CONSTRUCTION</b> .....		36.3	38.3	36.9	36.9					
	<b>GENERAL BUILDING CONTRACTORS</b> .....		35.0	36.6	35.8	35.6					
15	<b>HEAVY CONSTRUCTION</b> .....		39.5	42.7	38.9	40.4					
16	Highway and street construction .....		40.0	44.1	38.1	40.9					
161	Other heavy construction .....		38.9	40.9	39.6	39.8					
162	<b>SPECIAL TRADE CONTRACTORS</b> .....		35.9	37.5	36.9	36.4					
17	Plumbing, heating, and air conditioning .....		37.7	39.1	39.3	38.1					
171	Painting, paperhanging, and decorating .....		34.6	36.6	35.7	35.7					
172	Electrical work .....		37.6	39.1	39.5	37.9					
173	Masonry, plastering, stone and tile work .....		33.1	34.8	33.6	34.3					
174	Roofing and sheet metal work .....		32.9	36.3	33.8	34.5					
176	<b>MANUFACTURING</b> .....	41.7	41.4	41.3	41.5	40.9	4.0	3.9	3.9	3.6	3.3
	<b>DURABLE GOODS</b> .....	42.6	42.2	42.1	42.4	41.7	4.4	4.3	4.2	4.0	3.5
19,24,25,32-39	<b>NONDURABLE GOODS</b> .....	40.5	40.3	40.2	40.3	39.9	3.3	3.4	3.4	3.1	3.0
20-23,26-31	<i>Durable Goods</i>										
	<b>ORDNANCE AND ACCESSORIES</b> .....	43.2	42.4	42.4	41.2	40.7	3.7	3.7	2.0	2.0	
19	Ammunition, except for small arms .....	43.4	42.5	42.5	41.3	40.6	3.7	3.6	2.0	1.9	
192	Guided missiles and spacecraft, complete .....		43.3	43.0	41.6	40.9					
1925	Sighting and fire control equipment .....		40.7	40.0	40.3	40.6	2.6	2.5	1.2	1.0	
194	Other ordnance and accessories .....	42.8	42.6	42.5	41.2	40.8	4.0	4.1	2.2	2.2	
191,3,5,6,9	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b> .....	41.2	40.9	41.4	40.2	40.1		3.8	4.1	3.3	3.5
24	Sawmills and planing mills .....	40.6	40.5	41.1	39.9	40.1		3.6	4.0	3.2	3.4
242	Sawmills and planing mills, general .....		40.4	40.9	39.6	39.9					
2421	Millwork, plywood, and related products .....	42.3	41.8	41.9	41.2	41.3		4.4	4.3	3.5	3.7
243	Millwork .....		40.4	41.0	40.3	40.1					
2431	Veneer and plywood .....		42.9	43.1	42.3	42.7					
2432	Wooden containers .....	41.6	41.6	42.2	40.6	40.2		3.9	4.5	3.0	2.7
244	Wooden boxes, shooks, and crates .....		41.9	41.9	40.9	40.5					
2441,2	Miscellaneous wood products .....	41.6	41.5	41.7	41.4	40.9		3.5	3.9	3.6	3.5
249	<b>FURNITURE AND FIXTURES</b> .....	42.4	42.0	42.2	42.5	41.9	4.1	4.2	4.2	4.2	3.7
25	Household furniture .....	42.6	42.0	42.1	42.7	42.2	4.2	4.2	4.5	4.0	
251	Wood house furniture, upholstered .....		42.6	42.8	43.5	43.1					
2511	Wood house furniture, upholstered .....		42.3	41.6	43.1	41.7					
2512	Mattresses and bedsprings .....		39.6	41.1	39.7	39.5					
2515	Office furniture .....		42.5	42.7	42.1	41.0	3.9	4.0	3.4	3.0	
252	Partitions; office and store fixtures .....		41.3	42.6	40.9	40.6	3.8	4.9	2.6	2.6	
254	Other furniture and fixtures .....	42.2	42.0	42.2	42.3	41.5	3.7	3.9	3.9	3.3	
253,9	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	42.4	42.2	42.3	41.6	41.9	4.5	4.6	3.6	4.1	
32	Flat glass .....		43.3	42.2	42.7	43.1	6.3	4.9	4.0	5.7	
321	Glass and glassware, pressed or blown .....	41.2	40.8	40.6	40.9	40.6	4.3	4.2	3.7	3.6	
322	Glass containers .....		40.7	40.4	41.3	40.7					
3221	Pressed and blown glassware, n.e.c. .....		41.0	40.9	40.4	40.5					
3229	Cement, hydraulic .....	41.2	41.8	40.9	41.0	41.7	2.2	1.9	1.7	2.1	
324	Structural clay products .....	41.6	41.7	41.8	41.2	41.2	3.8	3.8	3.1	3.4	
325	Brick and structural clay tile .....		42.5	42.8	42.3	42.5					
3251	Pottery and related products .....		40.2	40.3	40.3	40.9	2.6	2.6	2.1	2.3	
326	Concrete, gypsum and plaster products .....	44.2	44.0	44.7	42.5	43.5	6.2	6.8	4.9	6.0	
327	Other stone and mineral products .....	42.8	42.1	42.2	41.9	41.8	4.0	4.0	3.2	3.2	
328,9	Abrasive products .....		42.0	41.1	40.9	40.9					
3291											

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



# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<i>Durable Goods--Continued</i>										
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	\$131.84	\$129.83	\$130.06	\$133.14	\$130.83	\$3.20	\$3.19	\$3.18	\$3.14	\$3.13
331	Blast furnace and basic steel products . . . . .	(*)	130.64	132.01	141.36	139.26	(*)	3.42	3.42	3.39	3.38
3312	Blast furnaces, steel and rolling mills . . . . .	-	131.17	132.55	142.35	140.56	-	3.47	3.47	3.43	3.42
332	Iron and steel foundries . . . . .	128.18	126.14	125.86	124.68	120.40	2.94	2.92	2.90	2.84	2.80
3321	Gray iron foundries . . . . .	-	125.86	124.41	124.88	120.18	-	2.88	2.86	2.80	2.75
3322	Malleable iron foundries . . . . .	-	129.25	128.41	122.38	120.54	-	3.07	3.05	2.90	2.87
3323	Steel foundries . . . . .	-	124.95	127.89	125.42	120.80	-	2.94	2.94	2.91	2.89
333,4	Nonferrous smelting and refining . . . . .	127.20	125.70	125.58	122.22	121.35	3.00	3.00	2.99	2.91	2.91
335	Nonferrous rolling, drawing, and extruding . . . . .	133.32	131.97	131.67	125.85	123.25	3.03	3.02	3.02	2.92	2.90
3351	Copper rolling, drawing, and extruding . . . . .	-	132.13	134.29	130.20	126.23	-	3.08	3.08	3.00	2.97
3352	Aluminum rolling, drawing, and extruding . . . . .	-	137.90	135.88	129.63	127.98	-	3.17	3.16	3.05	3.04
3357	Nonferrous wire drawing and insulating . . . . .	-	128.32	127.74	119.78	117.98	-	2.89	2.89	2.76	2.75
336	Nonferrous foundries . . . . .	116.75	115.23	115.08	112.67	110.66	2.76	2.75	2.74	2.67	2.66
3361	Aluminum castings . . . . .	-	115.93	115.09	112.52	110.92	-	2.78	2.76	2.66	2.66
3362,9	Other nonferrous castings . . . . .	-	114.51	114.78	112.67	110.12	-	2.72	2.72	2.67	2.66
339	Miscellaneous primary metal industries . . . . .	148.82	148.48	148.72	140.94	137.38	3.39	3.39	3.38	3.24	3.24
3391	Iron and steel forgings . . . . .	-	152.77	152.95	146.45	139.86	-	3.52	3.50	3.39	3.37
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	119.99	119.00	118.30	115.60	112.98	2.81	2.80	2.79	2.72	2.69
341	Metal cans . . . . .	134.41	136.32	134.40	130.24	129.13	3.17	3.20	3.20	3.05	3.06
342	Cutlery, hand tools, and general hardware . . . . .	117.15	114.93	112.71	111.04	107.38	2.75	2.73	2.69	2.65	2.60
3421,3,5	Cutlery and hand tools, including saws . . . . .	-	108.94	108.26	104.83	104.00	-	2.60	2.59	2.52	2.50
3429	Hardware, n.e.c. . . . .	-	118.58	115.50	114.24	109.74	-	2.81	2.75	2.72	2.67
343	Heating equipment and plumbing fixtures . . . . .	108.67	107.73	109.59	103.68	104.04	2.67	2.66	2.66	2.56	2.55
3431,2	Sanitary ware and plumbers' brass goods . . . . .	-	108.14	110.00	105.56	105.15	-	2.67	2.67	2.60	2.59
3433	Heating equipment, except electric . . . . .	-	107.59	109.59	101.81	103.07	-	2.65	2.66	2.52	2.52
344	Fabricated structural metal products . . . . .	118.85	116.89	117.45	113.28	111.76	2.79	2.77	2.77	2.71	2.68
3441	Fabricated structural steel . . . . .	-	118.16	119.85	113.57	112.47	-	2.82	2.84	2.73	2.71
3442	Metal doors, sash, frames, and trim . . . . .	-	101.52	102.43	98.47	96.05	-	2.40	2.41	2.39	2.36
3443	Fabricated plate work (boiler shops) . . . . .	-	124.12	123.40	119.71	118.85	-	2.90	2.89	2.81	2.79
3444	Sheet metal work . . . . .	-	119.97	121.40	119.56	117.04	-	2.87	2.87	2.84	2.80
3446,9	Architectural and misc. metal work . . . . .	-	119.14	118.44	111.38	113.30	-	2.81	2.80	2.71	2.73
345	Screw machine products, bolts, etc. . . . .	124.76	124.76	123.20	117.12	116.48	2.81	2.81	2.80	2.68	2.69
3451	Screw machine products . . . . .	-	116.24	114.22	110.93	109.55	-	2.66	2.65	2.55	2.53
3452	Bolts, nuts, screws, rivets, and washers . . . . .	-	131.85	130.82	122.92	122.11	-	2.93	2.92	2.80	2.82
346	Metal stampings . . . . .	131.81	131.81	130.20	133.06	125.72	3.03	3.03	3.00	2.99	2.89
347	Coating, engraving, and allied services . . . . .	105.83	103.00	102.58	99.17	97.44	2.49	2.47	2.46	2.35	2.32
348	Miscellaneous fabricated wire products . . . . .	108.54	108.03	106.85	103.32	102.83	2.56	2.56	2.55	2.46	2.46
349	Miscellaneous fabricated metal products . . . . .	116.05	114.53	115.23	112.71	110.81	2.75	2.74	2.75	2.69	2.67
3494,8	Valves, pipe, and pipe fittings . . . . .	-	116.90	116.90	115.78	114.93	-	2.79	2.79	2.75	2.73
35	<b>MACHINERY</b> . . . . .	133.18	130.20	129.47	126.44	123.11	3.02	3.00	2.99	2.92	2.89
351	Engines and turbines . . . . .	135.08	134.69	136.08	132.82	129.78	3.24	3.23	3.24	3.17	3.15
3511	Steam engines and turbines . . . . .	-	142.54	147.15	143.22	145.86	-	3.41	3.43	3.41	3.44
3519	Internal combustion engines, n.e.c. . . . .	-	131.36	131.46	128.63	122.91	-	3.15	3.16	3.07	3.02
352	Farm machinery and equipment . . . . .	-	126.54	123.79	121.93	118.37	-	3.02	2.99	2.91	2.88
353	Construction and related machinery . . . . .	130.50	128.10	130.33	123.38	122.38	3.00	3.00	3.01	2.91	2.90
3531,2	Construction and mining machinery . . . . .	-	130.09	132.37	124.68	122.96	-	3.09	3.10	2.99	2.97
3533	Oil field machinery and equipment . . . . .	-	120.93	120.93	119.46	119.74	-	2.78	2.78	2.74	2.74
3535,6	Conveyors, hoists, and industrial cranes . . . . .	-	127.02	131.26	121.92	118.85	-	2.90	2.93	2.79	2.79
354	Metalworking machinery and equipment . . . . .	150.01	146.51	144.00	142.73	135.69	3.24	3.22	3.20	3.13	3.07
3541	Machine tools, metal cutting types . . . . .	-	141.51	139.81	139.23	135.15	-	3.11	3.10	3.04	3.01
3544	Special dies, tools, jigs, and fixtures . . . . .	-	161.58	159.27	156.18	142.00	-	3.46	3.44	3.33	3.22
3545	Machine tool accessories . . . . .	-	133.64	130.54	127.02	124.56	-	2.95	2.94	2.90	2.89
3542,8	Miscellaneous metalworking machinery . . . . .	-	136.03	133.67	136.19	134.23	-	3.12	3.08	3.04	3.03
355	Special industry machinery . . . . .	125.77	122.36	121.52	121.00	117.78	2.82	2.80	2.80	2.75	2.72
3551	Food products machinery . . . . .	-	126.14	124.10	121.40	119.13	-	2.92	2.92	2.87	2.85
3552	Textile machinery . . . . .	-	105.85	103.01	103.40	99.30	-	2.41	2.39	2.35	2.32
3555	Printing trades machinery . . . . .	-	128.23	130.46	129.07	127.01	-	3.01	3.02	2.94	2.94
356	General industrial machinery . . . . .	132.28	129.90	129.17	125.13	123.11	3.02	3.00	2.99	2.91	2.89
3561	Pumps, air and gas compressors . . . . .	-	124.42	124.70	123.67	121.67	-	2.88	2.88	2.83	2.81
3562	Ball and roller bearings . . . . .	-	135.84	134.11	126.35	123.90	-	3.13	3.09	2.98	2.95
3566	Mechanical power transmission goods . . . . .	-	132.16	131.12	127.46	125.72	-	2.99	2.98	2.91	2.89
357	Office, computing, and accounting machines . . . . .	130.85	130.11	129.38	124.62	123.02	3.05	3.04	3.03	2.96	2.95
3571	Computing machines and cash registers . . . . .	-	138.56	136.85	131.86	129.69	-	3.20	3.19	3.11	3.11
358	Service industry machines . . . . .	114.39	113.57	112.61	110.00	108.12	2.73	2.73	2.72	2.67	2.65
3585	Refrigeration, except home refrigerators . . . . .	-	112.61	111.93	110.43	107.73	-	2.74	2.73	2.70	2.66
359	Miscellaneous machinery . . . . .	128.08	124.36	123.36	120.56	116.10	2.84	2.82	2.81	2.74	2.70

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<i>Durable Goods--Continued</i>										
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	41.2	40.7	40.9	42.4	41.8		3.4	3.4	3.6	3.5
331	Blast furnace and basic steel products . .	(*)	38.2	38.6	41.7	41.2	1.4	1.6	2.7	2.9	
3312	Blast furnaces, steel and rolling mills . .	-	37.8	38.2	41.5	41.1	-	-	-	-	
332	Iron and steel foundries . . . . .	43.6	43.2	43.4	43.9	43.0	5.6	5.7	5.4	4.7	
3321	Gray iron foundries . . . . .	-	43.7	43.5	44.6	43.7	-	-	-	-	
3322	Malleable iron foundries . . . . .	-	42.1	42.1	42.2	42.0	-	-	-	-	
3323	Steel foundries . . . . .	-	42.5	43.5	43.1	41.8	-	-	-	-	
333,4	Nonferrous smelting and refining . . . . .	42.4	41.9	42.0	42.0	41.7	3.7	3.5	3.3	3.2	
335	Nonferrous rolling, drawing, and extruding .	44.0	43.7	43.6	43.1	42.5	5.5	5.4	4.2	4.2	
3351	Copper rolling, drawing, and extruding . .	-	42.9	43.6	43.4	42.5	-	-	-	-	
3352	Aluminum rolling, drawing, and extruding .	-	43.5	43.0	42.5	42.1	-	-	-	-	
3357	Nonferrous wire drawing and insulating . .	-	44.4	44.2	43.4	42.9	-	-	-	-	
336	Nonferrous foundries . . . . .	42.3	41.9	42.0	42.2	41.6	4.2	4.0	3.8	3.2	
3361	Aluminum castings . . . . .	-	41.7	41.7	42.3	41.7	-	-	-	-	
3362,9	Other nonferrous castings . . . . .	-	42.1	42.2	42.2	41.4	-	-	-	-	
339	Miscellaneous primary metal industries . . .	43.9	43.8	44.0	43.5	42.4	5.9	6.0	4.7	4.6	
3391	Iron and steel forgings . . . . .	-	43.4	43.7	43.2	41.5	-	-	-	-	
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	42.7	42.5	42.4	42.5	42.0	4.4	4.5	3.9	3.7	
341	Metal cans . . . . .	42.4	42.6	42.0	42.7	42.2	3.6	3.6	3.0	3.2	
342	Cutlery, hand tools, and general hardware .	42.6	42.1	41.9	41.9	41.3	4.0	3.8	3.5	2.9	
3421,3,5	Cutlery and hand tools, including saws . .	-	41.9	41.8	41.6	41.6	-	-	-	-	
3429	Hardware, n.e.c. . . . .	-	42.2	42.0	42.0	41.1	-	-	-	-	
343	Heating equipment and plumbing fixtures . .	40.7	40.5	41.2	40.5	40.8	2.7	3.2	2.3	2.3	
3431,2	Sanitary ware and plumbers' brass goods .	-	40.5	41.2	40.6	40.6	-	-	-	-	
3433	Heating equipment, except electric . . . .	-	40.6	41.2	40.4	40.9	-	-	-	-	
344	Fabricated structural metal products . . . .	42.6	42.2	42.4	41.8	41.7	4.0	4.4	3.3	3.4	
3441	Fabricated structural steel . . . . .	-	41.9	42.2	41.6	41.5	-	-	-	-	
3442	Metal doors, sash, frames, and trim . . . .	-	42.3	42.5	41.2	40.7	-	-	-	-	
3443	Fabricated plate work (boiler shops) . . . .	-	42.8	42.7	42.6	42.6	-	-	-	-	
3444	Sheet metal work . . . . .	-	41.8	42.3	42.1	41.8	-	-	-	-	
3446,9	Architectural and misc. metal work . . . .	-	42.4	42.3	41.1	41.5	-	-	-	-	
345	Screw machine products, bolts, etc. . . . .	44.4	44.4	44.0	43.7	43.3	6.1	5.9	4.9	5.0	
3451	Screw machine products . . . . .	-	43.7	43.1	43.5	43.3	-	-	-	-	
3452	Bolts, nuts, screws, rivets, and washers .	-	45.0	44.8	43.9	43.3	-	-	-	-	
346	Metal stampings . . . . .	43.5	43.5	43.4	44.5	43.5	5.6	5.5	5.8	5.0	
347	Coating, engraving, and allied services . .	42.5	41.7	41.7	42.2	42.0	4.5	4.7	4.2	4.3	
348	Miscellaneous fabricated wire products . . .	42.4	42.2	41.9	42.0	41.8	4.5	4.4	3.4	3.6	
349	Miscellaneous fabricated metal products . . .	42.2	41.8	41.9	41.9	41.5	3.6	3.8	3.1	2.9	
3494,8	Valves, pipe, and pipe fittings . . . . .	-	41.9	41.9	42.1	42.1	-	-	-	-	
35	<b>MACHINERY</b> . . . . .	44.1	43.4	43.3	43.3	42.6	5.0	4.9	4.5	3.9	
351	Engines and turbines . . . . .	42.0	41.7	42.0	41.9	41.2	3.9	4.4	4.1	3.5	
3511	Steam engines and turbines . . . . .	-	41.8	42.9	42.0	42.4	-	-	-	-	
3519	Internal combustion engines, n.e.c. . . . .	-	41.7	41.6	41.9	40.7	-	-	-	-	
352	Farm machinery and equipment . . . . .	-	41.9	41.4	41.9	41.1	2.9	2.9	2.7	2.3	
353	Construction and related machinery . . . .	43.5	42.7	43.3	42.4	42.2	4.3	4.7	3.8	3.5	
3531,2	Construction and mining machinery . . . .	-	42.1	42.7	41.7	41.4	-	-	-	-	
3533	Oil field machinery and equipment . . . . .	-	43.5	43.5	43.6	43.7	-	-	-	-	
3535,6	Conveyors, hoists, and industrial cranes . .	-	43.8	44.8	43.7	42.6	-	-	-	-	
354	Metalworking machinery and equipment . . .	46.3	45.5	45.0	45.6	44.2	7.1	6.4	6.7	5.5	
3541	Machine tools, metal cutting types . . . .	-	45.5	45.1	45.8	44.9	-	-	-	-	
3544	Special dies, tools, jigs, and fixtures . . .	-	46.7	46.3	46.9	44.1	-	-	-	-	
3545	Machine tool accessories . . . . .	-	45.3	44.4	43.8	43.1	-	-	-	-	
3542,8	Miscellaneous metalworking machinery . . .	-	43.6	43.4	44.8	44.3	-	-	-	-	
355	Special industry machinery . . . . .	44.6	43.7	43.4	44.0	43.3	5.3	5.1	5.1	4.5	
3551	Food products machinery . . . . .	-	43.2	42.5	42.3	41.8	-	-	-	-	
3552	Textile machinery . . . . .	-	43.6	43.1	44.0	42.8	-	-	-	-	
3555	Printing trades machinery . . . . .	-	42.6	43.2	43.9	43.2	-	-	-	-	
356	General industrial machinery . . . . .	43.8	43.3	43.2	43.0	42.6	-	5.0	4.8	4.1	
3561	Pumps; air and gas compressors . . . . .	-	43.2	43.3	43.7	43.3	-	-	-	-	
3562	Ball and roller bearings . . . . .	-	43.4	43.4	42.4	42.0	-	-	-	-	
3566	Mechanical power transmission goods . . .	-	44.2	44.0	43.8	43.5	-	-	-	-	
357	Office, computing, and accounting machines .	42.9	42.8	42.7	42.1	41.7	-	4.3	4.0	3.1	
3571	Computing machines and cash registers . .	-	43.3	42.9	42.4	41.7	-	-	-	-	
358	Service industry machines . . . . .	41.9	41.6	41.4	41.2	40.8	-	3.0	3.2	2.4	
3585	Refrigeration, except home refrigerators .	-	41.1	41.0	40.9	40.5	-	-	-	-	
359	Miscellaneous machinery . . . . .	45.1	44.1	43.9	44.0	43.0	5.9	5.6	5.5	4.8	

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 workers,<sup>1</sup> by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
<i>Durable Goods--Continued</i>											
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>											
36	SUPPLIES	\$109.78	\$108.32	\$107.12	\$105.83	\$103.32	\$2.62	\$2.61	\$2.60	\$2.55	\$2.52
361	Electric distribution equipment	115.35	115.23	114.68	114.24	112.17	2.74	2.75	2.75	2.72	2.69
3611	Electric measuring instruments	-	101.09	101.66	101.52	100.12	-	2.49	2.51	2.47	2.46
3612	Power and distribution transformers	-	121.84	120.98	119.28	116.75	-	2.86	2.84	2.80	2.78
3613	Switchgear and switchboard apparatus	-	122.11	121.25	120.84	118.86	-	2.88	2.88	2.85	2.83
362	Electrical industrial apparatus	117.30	114.95	114.68	114.06	112.14	2.76	2.75	2.75	2.69	2.67
3621	Motors and generators	-	117.74	117.46	116.03	113.01	-	2.81	2.81	2.73	2.71
3622	Industrial controls	-	111.07	109.86	112.78	112.73	-	2.67	2.66	2.66	2.64
363	Household appliances	122.11	120.69	119.28	112.88	111.37	2.88	2.86	2.84	2.72	2.69
3632	Household refrigerators and freezers	-	135.77	135.02	124.62	124.20	-	3.15	3.14	2.96	2.95
3633	Household laundry equipment	-	123.77	124.79	111.52	115.36	-	2.94	2.95	2.74	2.80
3634	Electric housewares and fans	-	102.42	101.60	97.41	94.89	-	2.48	2.46	2.37	2.32
364	Electric lighting and wiring equipment	102.59	101.68	101.27	96.46	95.75	2.49	2.48	2.47	2.37	2.37
3641	Electric lamps	-	107.17	105.47	99.70	99.79	-	2.57	2.56	2.48	2.47
3642	Lighting fixtures	-	100.37	99.72	96.29	93.69	-	2.46	2.45	2.36	2.36
3643,4	Wiring devices	-	99.96	100.28	95.06	95.71	-	2.45	2.44	2.33	2.34
365	Radio and TV receiving sets	95.58	93.09	93.03	90.90	88.36	2.32	2.31	2.32	2.25	2.22
366	Communication equipment	123.40	120.12	119.26	116.20	115.23	2.89	2.86	2.86	2.78	2.77
3661	Telephone and telegraph apparatus	-	121.80	120.22	121.41	120.28	-	2.90	2.89	2.83	2.83
3662	Radio and TV communication equipment	-	119.28	118.71	113.71	112.61	-	2.84	2.84	2.76	2.76
367	Electronic components and accessories	92.96	91.84	89.91	89.79	88.29	2.24	2.24	2.22	2.19	2.18
3671-3	Electron tubes	-	112.01	107.35	102.06	101.82	-	2.54	2.52	2.43	2.43
3674,9	Electronic components, n.e.c.	-	86.43	85.60	85.88	84.40	-	2.15	2.14	2.11	2.11
369	Misc. electrical equipment and supplies	118.14	119.00	116.06	119.11	104.28	2.84	2.84	2.79	2.77	2.62
3694	Electrical equipment for engines	-	123.19	120.18	122.69	103.25	-	2.99	2.96	2.88	2.71
37	<b>TRANSPORTATION EQUIPMENT</b>	146.30	144.10	141.48	140.68	132.71	3.31	3.29	3.26	3.19	3.13
371	Motor vehicles and equipment	(*)	156.18	151.53	153.72	139.64	(*)	3.44	3.39	3.32	3.24
3711	Motor vehicles	-	163.79	162.51	168.56	147.17	-	3.53	3.51	3.44	3.36
3712	Passenger car bodies	-	169.46	146.56	167.92	157.08	-	3.66	3.54	3.55	3.46
3713	Truck and bus bodies	-	113.85	114.11	110.81	111.76	-	2.75	2.73	2.67	2.68
3714	Motor vehicle parts and accessories	-	152.43	148.41	144.30	133.56	-	3.41	3.35	3.25	3.15
372	Aircraft and parts	139.96	136.96	134.51	129.36	127.91	3.21	3.20	3.18	3.08	3.06
3721	Aircraft	-	137.07	133.34	127.30	125.86	-	3.21	3.19	3.06	3.04
3722	Aircraft engines and engine parts	-	137.92	135.78	132.93	131.04	-	3.23	3.21	3.15	3.12
3723,9	Other aircraft parts and equipment	-	135.29	135.29	129.13	127.93	-	3.11	3.11	3.01	3.01
373	Ship and boat building and repairing	124.85	123.53	125.86	123.11	124.12	3.06	3.05	3.04	3.01	3.02
3731	Ship building and repairing	-	130.24	132.29	130.29	131.24	-	3.20	3.18	3.17	3.17
3732	Boat building and repairing	-	92.96	96.05	91.54	91.08	-	2.36	2.36	2.30	2.30
374	Railroad equipment	-	132.92	129.03	134.18	134.50	-	3.29	3.25	3.21	3.21
375,9	Other transportation equipment	-	94.77	97.11	93.15	93.32	-	2.34	2.34	2.30	2.31
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	111.83	110.88	109.78	107.49	106.14	2.65	2.64	2.62	2.59	2.57
381	Engineering and scientific instruments	-	129.32	124.80	123.26	121.36	-	3.05	3.00	2.97	2.96
382	Mechanical measuring and control devices	112.14	111.34	110.92	108.58	106.55	2.67	2.67	2.66	2.61	2.58
3821	Mechanical measuring devices	-	112.98	112.56	110.72	108.16	-	2.69	2.68	2.63	2.60
3822	Automatic temperature controls	-	109.03	108.62	105.52	104.45	-	2.64	2.63	2.58	2.56
383,5	Optical and ophthalmic goods	99.54	99.59	98.70	98.23	97.34	2.37	2.36	2.35	2.35	2.34
385	Ophthalmic goods	-	90.47	89.40	88.13	88.13	-	2.18	2.17	2.16	2.16
384	Surgical, medical, and dental equipment	94.71	93.43	91.94	91.35	89.87	2.31	2.29	2.27	2.25	2.23
386	Photographic equipment and supplies	(*)	130.07	131.26	125.70	124.55	(*)	2.99	2.99	2.93	2.91
387	Watches and clocks	-	89.54	88.94	86.55	87.67	-	2.20	2.18	2.18	2.17
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	87.48	86.05	86.46	84.82	83.20	2.16	2.13	2.14	2.11	2.08
391	Jewelry, silverware, and plated ware	104.30	102.48	100.14	99.33	97.94	2.42	2.40	2.39	2.31	2.31
394	Toys, amusement, and sporting goods	-	75.84	77.39	74.88	74.47	-	1.92	1.93	1.92	1.89
3941-3	Toys, games, dolls, and play vehicles	-	73.49	75.39	70.67	71.55	-	1.87	1.88	1.85	1.83
3949	Sporting and athletic goods, n.e.c.	-	82.21	81.80	81.81	80.80	-	2.05	2.05	2.03	2.02
395	Pens, pencils, office and art materials	-	86.11	85.49	82.82	80.80	-	2.07	2.07	2.05	2.01
396	Costume jewelry, buttons, and notions	-	77.62	77.03	75.45	74.47	-	1.96	1.96	1.91	1.89
393,8,9	Other manufacturing industries	95.00	93.79	94.60	91.94	90.00	2.34	2.31	2.33	2.27	2.25
393	Musical instruments and parts	-	101.22	101.22	97.53	99.96	-	2.41	2.41	2.35	2.38
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	101.43	100.77	100.19	99.60	98.29	2.45	2.44	2.42	2.40	2.38
201	Meat products	108.39	109.56	108.05	112.49	111.45	2.65	2.64	2.61	2.61	2.61
2011	Meat packing	-	130.05	127.26	133.50	133.21	-	3.06	3.03	2.96	2.98
2013	Sausages and other prepared meats	-	118.86	115.21	116.88	114.24	-	2.83	2.81	2.75	2.72
2015	Poultry dressing and packing	-	62.88	64.24	61.23	60.92	-	1.60	1.59	1.57	1.57

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
<i>Durable Goods--Continued</i>											
	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>										
36	SUPPLIES	41.9	41.5	41.2	41.5	41.0	-	3.5	3.2	3.0	2.6
361	Electric distribution equipment	42.1	41.9	41.7	42.0	41.7	-	3.4	3.5	3.3	3.0
3611	Electric measuring instruments	-	40.6	40.5	41.1	40.7	-	-	-	-	-
3612	Power and distribution transformers	-	42.6	42.6	42.6	42.3	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	42.4	42.1	42.4	42.0	-	-	-	-	-
362	Electrical industrial apparatus	42.5	41.8	41.7	42.4	42.0	-	3.6	3.5	3.8	3.5
3621	Motors and generators	-	41.9	41.8	42.5	41.7	-	-	-	-	-
3622	Industrial controls	-	41.6	41.3	42.4	42.7	-	-	-	-	-
363	Household appliances	42.4	42.2	42.0	41.5	41.4	-	3.9	3.9	2.9	2.9
3632	Household refrigerators and freezers	-	43.1	43.0	42.1	42.1	-	-	-	-	-
3633	Household laundry equipment	-	42.1	42.3	40.7	41.2	-	-	-	-	-
3634	Electric housewares and fans	-	41.3	41.3	41.1	40.9	-	-	-	-	-
364	Electric lighting and wiring equipment	41.2	41.0	41.0	40.7	40.4	-	3.2	3.1	2.4	2.3
3641	Electric lamps	-	41.7	41.2	40.2	40.4	-	-	-	-	-
3642	Lighting fixtures	-	40.8	40.7	40.8	39.7	-	-	-	-	-
3643,4	Wiring devices	-	40.8	41.1	40.8	40.9	-	-	-	-	-
365	Radio and TV receiving sets	41.2	40.3	40.1	40.4	39.8	-	3.1	3.1	2.5	1.8
366	Communication equipment	42.7	42.0	41.7	41.8	41.6	-	3.5	3.3	2.9	2.8
3661	Telephone and telegraph apparatus	-	42.0	41.6	42.9	42.5	-	-	-	-	-
3662	Radio and TV communication equipment	-	42.0	41.8	41.2	41.1	-	-	-	-	-
367	Electronic components and accessories	41.5	41.0	40.5	41.0	40.5	-	3.3	2.6	2.6	2.4
3671-3	Electron tubes	-	44.1	42.6	42.0	41.9	-	-	-	-	-
3674,9	Electronic components, n.e.c.	-	40.2	40.0	40.7	40.0	-	-	-	-	-
369	Misc. electrical equipment and supplies	41.6	41.9	41.6	43.0	39.8	-	4.0	3.6	4.3	2.0
3694	Electrical equipment for engines	-	41.2	40.6	42.6	38.1	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT</b>	44.2	43.8	43.4	44.1	42.4	-	5.9	5.4	5.7	4.1
371	Motor vehicles and equipment	(*)	45.4	44.7	46.3	43.1	-	7.3	6.6	7.9	5.1
3711	Motor vehicles	-	46.4	46.3	49.0	43.8	-	-	-	-	-
3712	Passenger car bodies	-	46.3	41.4	47.3	45.4	-	-	-	-	-
3713	Truck and bus bodies	-	41.4	41.8	41.5	41.7	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	44.7	44.3	44.4	42.4	-	-	-	-	-
372	Aircraft and parts	43.6	42.8	42.3	42.0	41.8	-	4.7	4.0	2.9	2.7
3721	Aircraft	-	42.7	41.8	41.6	41.4	-	-	-	-	-
3722	Aircraft engines and engine parts	-	42.7	42.3	42.2	42.0	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	43.5	43.5	42.9	42.5	-	-	-	-	-
373	Ship and boat building and repairing	40.8	40.5	41.4	40.9	41.1	-	3.8	4.1	3.6	3.5
3731	Ship building and repairing	-	40.7	41.6	41.1	41.4	-	-	-	-	-
3732	Boat building and repairing	-	39.4	40.7	39.8	39.6	-	-	-	-	-
374	Railroad equipment	-	40.4	39.7	41.8	41.9	-	2.5	2.2	3.7	4.0
375,9	Other transportation equipment	-	40.5	41.5	40.5	40.4	-	2.9	3.7	2.8	2.5
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	42.2	42.0	41.9	41.5	41.3	-	3.5	3.5	3.0	2.8
381	Engineering and scientific instruments	-	42.4	41.6	41.5	41.0	-	4.1	3.8	2.9	2.5
382	Mechanical measuring and control devices	42.0	41.7	41.7	41.6	41.3	-	3.2	3.5	3.3	2.9
3821	Mechanical measuring devices	-	42.0	42.0	42.1	41.6	-	-	-	-	-
3822	Automatic temperature controls	-	41.3	41.3	40.9	40.8	-	-	-	-	-
383,5	Optical and ophthalmic goods	42.0	42.2	42.0	41.8	41.6	-	2.9	2.9	2.7	2.7
385	Ophthalmic goods	-	41.5	41.2	40.8	40.8	-	2.4	2.4	2.1	2.2
384	Surgical, medical, and dental equipment	41.0	40.8	40.5	40.6	40.3	-	2.7	2.5	2.4	2.1
386	Photographic equipment and supplies	(*)	43.5	43.9	42.9	42.8	-	4.7	4.8	4.1	4.1
387	Watches and clocks	-	40.7	40.8	39.7	40.4	-	3.1	3.0	1.6	2.0
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	40.5	40.4	40.4	40.2	40.0	-	3.2	3.3	2.9	2.8
391	Jewelry, silverware, and plated ware	43.1	42.7	41.9	43.0	42.4	-	4.8	4.9	5.0	4.3
394	Toys, amusement, and sporting goods	-	39.5	40.1	39.0	39.4	-	3.0	3.3	2.5	2.7
3941-3	Toys, games, dolls, and play vehicles	-	39.3	40.1	38.2	39.1	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	40.1	39.9	40.3	40.0	-	-	-	-	-
395	Pens, pencils, office and art materials	-	41.6	41.3	40.4	40.2	-	3.3	3.0	2.5	2.0
396	Costume jewelry, buttons, and notions	-	39.6	39.3	39.5	39.4	-	2.8	2.7	2.4	2.5
393,8,9	Other manufacturing industries	40.6	40.6	40.6	40.5	40.0	-	3.1	3.1	2.8	2.7
393	Musical instruments and parts	-	42.0	42.0	41.5	42.0	-	4.3	4.0	3.6	3.6
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	41.4	41.3	41.4	41.5	41.3	-	3.8	4.0	3.7	3.8
201	Meat products	40.9	41.5	41.4	43.1	42.7	-	4.9	4.4	5.2	5.4
2011	Meat packing	-	42.5	42.0	45.1	44.7	-	-	-	-	-
2013	Sausages and other prepared meats	-	42.0	41.0	42.5	42.0	-	-	-	-	-
2015	Poultry dressing and packing	-	39.3	40.4	39.0	38.8	-	-	-	-	-

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 workers,<sup>1</sup> by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<i>Nonurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products . . . . .	\$107.44	\$105.75	\$105.59	\$102.66	\$103.57	\$2.54	\$2.53	\$2.52	\$2.45	\$2.46
2024	Ice cream and frozen desserts . . . . .	-	102.18	103.75	102.68	103.06	-	2.62	2.62	2.58	2.57
2026	Fluid milk . . . . .	-	111.09	110.66	107.02	108.20	-	2.62	2.61	2.53	2.54
203	Canned and preserved food, except meats . . . . .	-	77.22	80.20	76.44	73.53	-	1.96	1.99	1.95	1.90
2031,6	Canned, cured and frozen sea foods . . . . .	-	58.55	62.16	55.49	53.96	-	1.64	1.64	1.55	1.52
2032,3	Canned food, except sea foods . . . . .	-	82.98	84.04	83.79	79.20	-	1.99	2.03	2.10	1.98
2037	Frozen food, except sea foods . . . . .	-	74.10	76.25	75.14	71.76	-	1.95	1.95	1.86	1.84
204	Grain mill products . . . . .	117.07	115.26	117.76	110.75	110.75	2.59	2.59	2.56	2.50	2.50
2041	Flour and other grain mill products . . . . .	-	127.24	130.82	115.72	124.16	-	2.76	2.76	2.63	2.67
2042	Prepared feeds for animals and fowls . . . . .	-	99.43	100.11	96.04	92.82	-	2.19	2.13	2.12	2.10
205	Bakery products . . . . .	102.36	102.62	104.39	97.11	97.76	2.54	2.54	2.54	2.44	2.45
2051	Bread, cake, and perishable products . . . . .	-	104.60	103.79	98.31	98.80	-	2.57	2.55	2.47	2.47
2052	Biscuit, crackers, and pretzels . . . . .	-	96.53	106.14	94.40	92.83	-	2.45	2.48	2.36	2.35
206	Sugar . . . . .	-	104.88	97.14	107.86	105.11	-	2.29	2.51	2.29	2.29
207	Confectionery and related products . . . . .	83.53	83.32	85.20	80.38	80.99	2.12	2.12	2.13	2.04	2.04
2071	Candy and other confectionery products . . . . .	-	79.95	81.18	76.83	78.01	-	2.05	2.05	1.96	1.97
208	Beverages . . . . .	116.69	116.24	114.62	111.08	110.12	2.86	2.87	2.83	2.77	2.76
2082	Malt liquors . . . . .	-	148.34	144.20	141.29	139.79	-	3.69	3.66	3.55	3.53
2086	Bottled and canned soft drinks . . . . .	-	82.62	82.42	81.40	79.79	-	2.05	2.03	2.00	1.98
209	Miscellaneous food and kindred products . . . . .	98.64	101.56	99.56	96.93	97.18	2.31	2.34	2.31	2.27	2.26
21	<b>TOBACCO MANUFACTURERS</b> . . . . .	82.99	80.35	77.62	82.01	73.92	2.15	2.12	1.98	2.02	1.93
211	Cigarettes . . . . .	-	100.73	97.99	106.17	93.94	-	2.63	2.62	2.51	2.44
212	Cigars . . . . .	-	67.30	66.13	65.40	65.40	-	1.73	1.70	1.69	1.69
22	<b>TEXTILE MILL PRODUCTS</b> . . . . .	81.37	80.56	79.99	77.04	76.68	1.91	1.90	1.90	1.83	1.83
221	Cotton broad woven fabrics . . . . .	84.73	84.34	83.18	79.67	79.12	1.93	1.93	1.93	1.84	1.84
222	Silk and synthetic broad woven fabrics . . . . .	87.67	86.24	85.22	83.66	83.10	1.97	1.96	1.95	1.88	1.88
223	Weaving and finishing broad woolsens . . . . .	85.80	83.58	83.78	79.04	77.74	2.00	1.99	1.99	1.90	1.91
224	Narrow fabrics and smallwares . . . . .	78.91	77.56	77.19	75.24	74.26	1.87	1.86	1.86	1.80	1.82
225	Knitting . . . . .	69.60	70.35	70.31	67.51	68.21	1.78	1.79	1.78	1.74	1.74
2251	Women's full and knee length hosiery . . . . .	-	71.91	70.98	70.00	70.07	-	1.78	1.77	1.75	1.73
2252	Miscellaneous hosiery and socks . . . . .	-	60.51	61.46	57.07	57.99	-	1.58	1.58	1.53	1.53
2253	Knit outerwear . . . . .	-	72.20	72.77	69.56	71.05	-	1.91	1.90	1.86	1.86
2254	Knit underwear . . . . .	-	67.43	66.42	65.67	64.68	-	1.69	1.69	1.65	1.65
226	Finishing textiles, except wool and knit . . . . .	91.08	90.05	87.74	86.57	86.83	2.07	2.07	2.05	1.99	2.01
227	Floor covering . . . . .	-	85.11	83.96	81.03	81.22	-	1.93	1.93	1.85	1.85
228	Yarn and thread . . . . .	76.64	76.64	76.11	70.81	70.56	1.77	1.77	1.77	1.67	1.68
229	Miscellaneous textile goods . . . . .	93.52	92.66	90.95	87.34	85.28	2.14	2.14	2.12	2.06	2.05
23	<b>APPAREL AND RELATED PRODUCTS</b> . . . . .	67.70	67.70	67.52	65.16	65.70	1.86	1.86	1.86	1.80	1.81
231	Men's and boys' suits and coats . . . . .	84.70	84.20	84.36	78.49	77.59	2.20	2.21	2.22	2.11	2.12
232	Men's and boys' furnishings . . . . .	58.72	58.88	58.81	57.60	57.60	1.57	1.57	1.56	1.54	1.54
2321	Men's and boys' shirts and nighrwear . . . . .	-	58.34	59.28	56.61	57.61	-	1.56	1.56	1.53	1.52
2327	Men's and boys' separate trousers . . . . .	-	58.03	57.66	57.22	56.00	-	1.56	1.55	1.53	1.53
2328	Work clothing . . . . .	-	57.38	57.23	55.20	55.13	-	1.51	1.51	1.48	1.49
233	Women's, misses', and juniors' outerwear . . . . .	68.41	68.41	68.27	66.19	67.06	2.03	2.03	2.05	1.97	1.99
2331	Women's blouses, waists, and shirts . . . . .	-	60.90	59.68	56.95	57.78	-	1.75	1.75	1.68	1.67
2335	Women's, misses', and juniors' dresses . . . . .	-	66.22	66.46	65.20	64.84	-	2.05	2.09	2.00	2.02
2337	Women's suits, skirts, and coats . . . . .	-	81.89	82.23	78.68	82.80	-	2.43	2.44	2.37	2.40
2339	Women's and misses' outerwear, n.e.c. . . . .	-	62.59	61.20	60.82	60.98	-	1.71	1.70	1.68	1.68
234	Women's and children's undergarments . . . . .	61.66	62.50	62.29	59.82	61.99	1.68	1.68	1.67	1.63	1.64
2341	Women's and children's underwear . . . . .	-	60.75	60.16	57.10	60.04	-	1.62	1.60	1.56	1.58
2342	Corsets and allied garments . . . . .	-	66.07	65.69	64.75	66.02	-	1.81	1.79	1.75	1.77
235	Hats, caps, and millinery . . . . .	-	66.53	68.95	71.22	66.01	-	1.89	1.91	1.93	1.87
236	Girls' and children's outerwear . . . . .	61.52	60.84	61.01	58.08	59.59	1.79	1.69	1.69	1.65	1.66
2361	Children's dresses, blouses, and shirts . . . . .	-	60.84	60.42	57.44	59.26	-	1.69	1.66	1.66	1.66
237,8	Fur goods and miscellaneous apparel . . . . .	-	73.16	75.68	71.20	72.54	-	2.01	2.04	1.94	1.95
239	Miscellaneous fabricated textile products . . . . .	77.22	77.42	75.66	73.12	72.15	1.98	1.98	1.94	1.87	1.85
2391,2	Housefurnishings . . . . .	-	65.91	66.25	62.69	63.18	-	1.69	1.69	1.62	1.62
26	<b>PAPER AND ALLIED PRODUCTS</b> . . . . .	117.65	116.58	117.12	112.32	109.82	2.68	2.68	2.68	2.60	2.59
261,2,6	Paper and pulp . . . . .	131.42	131.12	131.56	124.80	121.54	2.94	2.94	2.93	2.83	2.82
263	Paperboard . . . . .	140.13	136.80	136.64	127.97	120.41	3.02	3.00	2.99	2.85	2.82
264	Converted paper and paperboard products . . . . .	103.28	100.67	100.74	99.36	96.88	2.43	2.42	2.41	2.36	2.34
2643	Bags, except textile bags . . . . .	-	96.46	95.58	94.11	91.69	-	2.33	2.32	2.23	2.22
265	Paperboard containers and boxes . . . . .	107.14	107.07	107.32	102.61	102.61	2.48	2.49	2.49	2.43	2.42
2651,2	Folding and setup paperboard boxes . . . . .	-	96.02	95.34	93.91	92.82	-	2.27	2.27	2.22	2.21
2653	Corrugated and solid fiber boxes . . . . .	-	115.90	119.08	110.77	110.77	-	2.64	2.67	2.57	2.57

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<i>Nondurable Goods--Continued</i>										
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>										
202	Dairy products . . . . .	42.3	41.8	41.9	41.9	42.1	3.2	3.5	3.3	3.2	
2024	Ice cream and frozen desserts . . . . .	-	39.0	39.6	39.8	40.1	-	-	-	-	
2026	Fluid milk . . . . .	-	42.4	42.4	42.3	42.6	-	-	-	-	
203	Canned and preserved food, except meats . . . . .	-	39.4	40.3	39.2	38.7	2.7	2.9	2.9	2.4	
2031,6	Canned, cured and frozen sea foods . . . . .	-	35.7	37.9	35.8	35.5	-	-	-	-	
2032,3	Canned food, except sea foods . . . . .	-	41.7	41.4	39.9	40.0	-	-	-	-	
2037	Frozen food, except sea foods . . . . .	-	38.0	39.1	40.4	39.0	-	-	-	-	
204	Grain mill products . . . . .	45.2	44.5	46.0	44.3	44.3	6.2	7.5	5.5	5.9	
2041	Flour and other grain mill products . . . . .	-	46.1	47.4	44.0	46.5	-	-	-	-	
2042	Prepared feeds for animals and fowls . . . . .	-	45.4	47.0	45.3	44.2	-	-	-	-	
205	Bakery products . . . . .	40.3	40.4	41.1	39.8	39.9	3.4	4.0	2.8	3.0	
2051	Bread, cake, and perishable products . . . . .	-	40.7	40.7	39.8	40.0	-	-	-	-	
2052	Biscuit, crackers, and pretzels . . . . .	-	39.4	42.6	40.0	39.5	-	-	-	-	
206	Sugar . . . . .	-	45.8	38.7	47.1	45.9	3.9	4.0	4.1	4.9	
207	Confectionery and related products . . . . .	39.4	39.3	40.0	39.4	39.7	2.5	3.0	2.4	2.5	
2071	Candy and other confectionery products . . . . .	-	39.0	39.6	39.2	39.6	-	-	-	-	
208	Beverages . . . . .	40.8	40.5	40.5	40.1	39.9	3.2	3.5	2.6	2.5	
2082	Malt liquors . . . . .	-	40.2	39.4	39.8	39.6	-	-	-	-	
2086	Bottled and canned soft drinks . . . . .	-	40.3	40.6	40.7	40.3	-	-	-	-	
209	Miscellaneous food and kindred products . . . . .	42.7	43.4	43.1	42.7	43.0	5.1	4.7	4.0	4.3	
21	<b>TOBACCO MANUFACTURERS</b> . . . . .	38.6	37.9	39.2	40.6	38.3	1.0	1.3	1.8	1.1	
211	Cigarettes . . . . .	-	38.3	37.4	42.3	38.5	.6	1.0	2.2	.8	
212	Cigars . . . . .	-	38.9	38.9	38.7	38.7	1.8	1.7	1.7	1.7	
22	<b>TEXTILE MILL PRODUCTS</b> . . . . .	42.6	42.4	42.1	42.1	41.9	4.7	4.5	4.1	4.1	
221	Cotton broad woven fabrics . . . . .	43.9	43.7	43.1	43.3	43.0	5.4	5.0	5.0	5.0	
222	Silk and synthetic broad woven fabrics . . . . .	44.5	44.0	43.7	44.5	44.2	5.4	5.3	5.6	5.6	
223	Weaving and finishing broad woolsens . . . . .	42.9	42.0	42.1	41.6	40.7	4.2	4.1	3.5	3.3	
224	Narrow fabrics and smallwares . . . . .	42.2	41.7	41.5	41.8	40.8	4.1	4.1	3.5	3.5	
225	Knitting . . . . .	39.1	39.3	39.5	38.8	39.2	2.9	3.0	2.4	2.5	
2251	Women's full and knee length hosiery . . . . .	-	40.4	40.1	40.0	40.5	-	-	-	-	
2252	Miscellaneous hosiery and socks . . . . .	-	38.3	38.9	37.3	37.9	-	-	-	-	
2253	Knit outerwear . . . . .	-	37.8	38.3	37.4	38.2	-	-	-	-	
2254	Knit underwear . . . . .	-	39.9	39.3	39.8	39.2	-	-	-	-	
226	Finishing textiles, except wool and knit . . . . .	44.0	43.5	42.8	43.5	43.2	5.6	4.8	4.6	5.0	
227	Floor covering . . . . .	-	44.1	43.5	43.8	43.9	6.1	5.6	5.3	5.9	
228	Yarn and thread . . . . .	43.3	43.3	43.0	42.4	42.0	5.3	5.0	4.3	4.1	
229	Miscellaneous textile goods . . . . .	43.7	43.3	42.9	42.4	41.6	5.2	5.1	3.9	3.7	
23	<b>APPAREL AND RELATED PRODUCTS</b> . . . . .	36.4	36.4	36.3	36.2	36.3	1.7	1.6	1.3	1.4	
231	Men's and boys' suits and coats . . . . .	38.5	38.1	38.0	37.2	36.6	1.7	1.7	1.1	1.0	
232	Men's and boys' furnishings . . . . .	37.4	37.5	37.7	37.4	37.4	1.4	1.5	1.1	1.2	
2321	Men's and boys' shirts and nightwear . . . . .	-	37.4	38.0	37.0	37.9	-	-	-	-	
2327	Men's and boys' separate trousers . . . . .	-	37.2	37.2	37.4	36.6	-	-	-	-	
2328	Work clothing . . . . .	-	38.0	37.9	37.5	37.0	-	-	-	-	
233	Women's, misses', and juniors' outerwear . . . . .	33.7	33.7	33.3	33.6	33.7	1.3	1.3	1.2	1.2	
2331	Women's blouses, waists, and shirts . . . . .	-	34.8	34.1	33.9	34.6	-	-	-	-	
2335	Women's, misses', and juniors' dresses . . . . .	-	32.3	31.8	32.6	32.1	-	-	-	-	
2337	Women's suits, skirts, and coats . . . . .	-	33.7	33.7	33.2	34.5	-	-	-	-	
2339	Women's and misses' outerwear, n.e.c. . . . .	-	36.6	36.0	36.2	36.3	-	-	-	-	
234	Women's and children's undergarments . . . . .	36.7	37.2	37.3	36.7	37.8	1.9	1.9	1.4	2.0	
2341	Women's and children's underwear . . . . .	-	37.5	37.6	36.6	38.0	-	-	-	-	
2342	Corsets and allied garments . . . . .	-	36.5	36.7	37.0	37.3	-	-	-	-	
235	Hats, caps, and millinery . . . . .	-	35.2	36.1	36.9	35.3	.9	1.3	1.4	1.0	
236	Girls' and children's outerwear . . . . .	36.4	36.0	36.1	35.2	35.9	1.6	1.4	1.0	1.3	
2361	Children's dresses, blouses, and shirts . . . . .	-	36.0	36.4	34.6	35.7	-	-	-	-	
237,8	Fur goods and miscellaneous apparel . . . . .	-	36.4	37.1	36.7	37.2	2.0	1.9	1.6	1.8	
239	Miscellaneous fabricated textile products . . . . .	39.0	39.1	39.0	39.1	39.0	3.0	2.6	2.2	2.2	
2391,2	Housefurnishings . . . . .	-	39.0	39.2	38.7	39.0	-	-	-	-	
26	<b>PAPER AND ALLIED PRODUCTS</b> . . . . .	43.9	43.5	43.7	43.2	42.4	5.6	5.7	5.0	4.9	
261,2,6	Paper and pulp . . . . .	44.7	44.6	44.9	44.1	43.1	6.4	6.4	5.8	5.8	
263	Paperboard . . . . .	46.4	45.6	45.7	44.9	42.7	7.8	7.9	6.6	6.4	
264	Converted paper and paperboard products . . . . .	42.5	41.6	41.8	42.1	41.4	3.8	4.0	3.7	3.3	
2643	Bags, except textile bags . . . . .	-	41.4	41.2	42.2	41.3	-	-	-	-	
265	Paperboard containers and boxes . . . . .	43.2	43.0	43.1	42.6	42.4	5.4	5.6	4.5	4.6	
2651,2	Folding and setup paperboard boxes . . . . .	-	42.3	42.0	42.3	42.0	-	-	-	-	
2653	Corrugated and solid fiber boxes . . . . .	-	43.9	44.6	43.1	43.1	-	-	-	-	

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<i>Nondurable Goods--Continued</i>										
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>										
27	Printing, publishing, and allied industries	\$121.99	\$119.27	\$119.66	\$117.39	\$114.82	\$3.12	\$3.09	\$3.10	\$3.01	\$2.99
271	Newspaper publishing and printing	126.48	122.30	122.33	121.32	117.98	3.40	3.36	3.37	3.27	3.25
272	Periodical publishing and printing	-	124.26	128.47	127.00	124.14	-	3.17	3.18	3.09	3.05
273	Books	-	111.38	111.51	107.33	106.80	-	2.71	2.70	2.65	2.65
275	Commercial printing	124.09	121.75	122.14	119.40	117.21	3.11	3.09	3.10	3.00	2.99
2751	Commercial printing, except litho	-	118.56	119.65	117.22	115.35	-	3.04	3.06	2.96	2.95
2752	Commercial printing, lithographic	-	128.96	128.15	123.72	120.96	-	3.20	3.18	3.07	3.07
278	Bookbinding and related industries	93.69	91.48	92.11	91.03	89.55	2.39	2.37	2.38	2.34	2.32
274,6,7,9	Other publishing and printing industries	124.90	121.21	121.99	118.78	115.80	3.17	3.10	3.12	3.03	3.00
	<b>CHEMICALS AND ALLIED PRODUCTS</b>										
28	Chemicals and allied products	122.93	123.06	122.06	119.13	118.14	2.92	2.93	2.92	2.85	2.84
281	Industrial chemicals	138.55	138.65	137.34	134.72	133.34	3.26	3.27	3.27	3.20	3.19
2812	Alkalies and chlorine	-	140.04	132.89	133.67	130.62	-	3.19	3.21	3.16	3.14
2818	Industrial organic chemicals, n.e.c.	-	147.40	146.20	141.12	141.12	-	3.46	3.44	3.36	3.36
2819	Industrial inorganic chemicals, n.e.c.	-	132.89	131.93	132.82	129.68	-	3.21	3.21	3.17	3.14
282	Plastics and synthetics, except glass	122.40	122.40	120.69	118.72	118.30	2.88	2.88	2.86	2.80	2.79
2821	Plastics and synthetics, except fibers	-	135.89	133.93	128.44	127.87	-	3.04	3.03	2.98	2.96
2823,4	Synthetic fibers	-	110.00	108.12	107.68	107.68	-	2.67	2.65	2.57	2.57
283	Drugs	110.56	110.15	109.20	105.41	104.49	2.69	2.68	2.67	2.59	2.58
2834	Pharmaceutical preparations	-	105.44	104.52	101.20	99.90	-	2.61	2.60	2.53	2.51
284	Soap, cleaners, and toilet goods	117.59	115.92	115.49	110.16	108.95	2.82	2.80	2.81	2.72	2.69
2841	Soap and detergents	-	138.36	140.03	134.82	131.02	-	3.31	3.35	3.21	3.18
2844	Toilet preparations	-	97.00	95.18	88.17	89.67	-	2.36	2.35	2.29	2.27
285	Paints, varnishes, and allied products	113.58	113.30	113.44	110.00	108.12	2.75	2.75	2.74	2.67	2.65
287	Agricultural chemicals	101.46	100.38	100.01	98.79	96.60	2.41	2.39	2.37	2.33	2.30
2871,2	Fertilizers, complete and mixing only	-	94.69	96.02	94.35	92.62	-	2.26	2.27	2.22	2.20
286,9	Other chemical products	114.68	118.30	118.86	115.33	115.75	2.77	2.81	2.83	2.72	2.73
	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>										
29	Petroleum refining and related industries	141.54	142.89	141.10	135.11	134.69	3.37	3.37	3.32	3.24	3.23
291	Petroleum refining	149.58	150.72	147.49	141.86	141.52	3.57	3.58	3.52	3.41	3.41
295,9	Other petroleum and coal products	112.52	116.04	119.97	109.46	110.40	2.66	2.68	2.69	2.60	2.61
	<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS</b>										
30	Rubber and miscellaneous plastic products	113.85	111.94	112.10	109.04	105.73	2.66	2.64	2.65	2.59	2.56
301	Tires and inner tubes	169.55	161.37	165.62	152.77	147.20	3.67	3.61	3.64	3.48	3.48
302,3,6	Other rubber products	107.78	106.34	104.39	102.92	99.88	2.56	2.55	2.54	2.48	2.46
307	Miscellaneous plastic products	93.41	93.02	93.44	92.16	90.47	2.24	2.22	2.23	2.21	2.18
31	<b>LEATHER AND LEATHER PRODUCTS</b>	74.87	72.77	71.82	72.15	69.56	1.91	1.90	1.90	1.85	1.85
311	Leather tanning and finishing	103.57	101.50	101.02	96.59	95.65	2.46	2.44	2.44	2.35	2.35
314	Footwear, except rubber	71.94	69.00	67.53	69.63	66.23	1.84	1.84	1.83	1.79	1.79
312,3,5-7,9	Other leather products	71.81	72.73	72.56	69.50	68.94	1.87	1.86	1.87	1.81	1.80
317	Handbags and personal leather goods	-	71.53	70.80	66.35	67.38	-	1.82	1.82	1.76	1.75
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup>	-	(*)	(*)	128.03	121.70	-	(*)	(*)	2.89	2.85
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation	-	111.54	110.08	104.42	105.59	-	2.60	2.59	2.51	2.52
413	Intercity and rural bus lines	-	137.02	135.91	119.25	124.49	-	3.10	3.11	2.93	2.95
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE:</b>										
42	Motor freight transportation and storage	-	131.44	133.18	128.65	124.27	-	3.10	3.09	3.02	2.98
422	Public warehousing	-	95.17	93.06	94.07	92.60	-	2.31	2.20	2.30	2.21
46	Pipeline transportation	-	149.92	147.50	143.44	147.68	-	3.63	3.58	3.49	3.55
	<b>COMMUNICATION</b>										
48	Communication	-	120.38	116.97	113.24	114.67	-	2.88	2.86	2.81	2.79
481	Telephone communication	-	115.92	111.66	108.68	109.86	-	2.76	2.73	2.69	2.66
4817	Switchboard operating employees <sup>3</sup>	-	88.88	83.63	79.13	85.75	-	2.25	2.23	2.18	2.16
4818	Line construction employees <sup>4</sup>	-	164.95	159.74	157.88	155.82	-	3.48	3.45	3.41	3.38
482	Telegraph communication <sup>5</sup>	-	125.71	124.56	116.34	116.34	-	2.91	2.89	2.77	2.77
483	Radio and television broadcasting	-	149.20	151.93	143.05	144.97	-	3.73	3.77	3.64	3.67
	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>										
49	Electric, gas, and sanitary services	-	134.37	134.69	129.17	128.13	-	3.23	3.23	3.12	3.11
491	Electric companies and systems	-	134.55	134.96	131.24	129.88	-	3.25	3.26	3.17	3.16
492	Gas companies and systems	-	124.50	125.52	119.07	119.77	-	3.00	3.01	2.89	2.90
493	Combined utility systems	-	148.26	147.77	141.78	138.43	-	3.53	3.51	3.40	3.36
494-7	Water, steam, and sanitary systems	-	108.16	106.50	102.75	103.09	-	2.60	2.56	2.47	2.49

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<i>Nondurable Goods--Continued</i>										
	<b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b>										
27	Printing and publishing	39.1	38.6	38.6	39.0	38.4	-	3.2	3.4	3.3	2.9
271	Newspaper publishing and printing	37.2	36.4	36.3	37.1	36.3	-	2.7	2.8	3.1	2.5
272	Periodical publishing and printing	-	39.2	40.4	41.1	40.7	-	3.5	4.4	4.3	4.0
273	Books	-	41.1	41.3	40.5	40.3	-	4.4	4.3	3.4	3.1
275	Commercial printing	39.9	39.4	39.4	39.8	39.2	-	3.4	3.6	3.6	3.1
2751	Commercial printing, except litho	-	39.0	39.1	39.6	39.1	-	-	-	-	-
2752	Commercial printing, lithographic	-	40.3	40.3	40.3	39.4	-	-	-	-	-
278	Bookbinding and related industries	39.2	38.6	38.7	38.9	38.6	-	2.6	2.6	2.4	2.2
274,6,7,9	Other publishing and printing industries	39.4	39.1	39.1	39.2	38.6	-	3.1	3.4	3.2	2.6
	<b>CHEMICALS AND ALLIED PRODUCTS</b>										
28	Chemical and allied products	42.1	42.0	41.8	41.8	41.6	-	3.0	3.0	2.7	2.7
281	Industrial chemicals	42.5	42.4	42.0	42.1	41.8	-	3.0	3.1	2.8	2.7
2812	Alkalies and chlorine	-	43.9	41.4	42.3	41.6	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c.	-	42.6	42.5	42.0	42.0	-	-	-	-	-
2819	Industrial inorganic chemicals, n.e.c.	-	41.4	41.1	41.9	41.3	-	-	-	-	-
282	Plastics and synthetics, except glass	42.5	42.5	42.2	42.4	42.4	-	2.8	2.9	2.8	2.8
2821	Plastics and synthetics, except fibers	-	44.7	44.2	43.1	43.2	-	-	-	-	-
2823,4	Synthetic fibers	-	41.2	40.8	41.9	41.9	-	-	-	-	-
283	Drugs	41.1	41.1	40.9	40.7	40.5	-	3.0	2.8	2.4	2.2
2834	Pharmaceutical preparations	-	40.4	40.2	40.0	39.8	-	-	-	-	-
284	Soap, cleaners, and toilet goods	41.7	41.4	41.1	40.5	40.5	-	3.0	2.9	2.5	2.6
2841	Soap and detergents	-	41.8	41.8	42.0	41.2	-	-	-	-	-
2844	Toilet preparations	-	41.1	40.5	38.5	39.5	-	-	-	-	-
285	Paints, varnishes, and allied products	41.3	41.2	41.4	41.2	40.8	-	2.5	2.6	2.2	1.8
287	Agricultural chemicals	42.1	42.0	42.2	42.4	42.0	-	3.3	3.6	3.4	3.4
2871,2	Fertilizers, complete and mixing only	-	41.9	42.3	42.5	42.1	-	-	-	-	-
286,9	Other chemical products	41.4	42.1	42.0	42.4	42.4	-	3.2	2.9	3.1	3.1
	<b>PETROLEUM REFINING AND RELATED INDUSTRIES</b>										
29	Petroleum refining	42.0	42.4	42.5	41.7	41.7	-	3.0	3.1	2.3	2.5
291	Petroleum refining	41.9	42.1	41.9	41.6	41.5	-	2.3	2.2	2.0	1.9
295,9	Other petroleum and coal products	42.3	43.3	44.6	42.1	42.3	-	5.3	6.1	3.6	4.5
	<b>RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS</b>										
30	Rubber and miscellaneous plastic products	42.8	42.4	42.3	42.1	41.3	-	4.7	4.8	3.9	3.5
301	Tires and inner tubes	46.2	44.7	45.5	43.9	42.3	-	6.5	7.4	5.4	4.8
302,3,6	Other rubber products	42.1	41.7	41.1	41.5	40.6	-	4.0	3.8	3.1	2.7
307	Miscellaneous plastic products	41.7	41.9	41.9	41.7	41.5	-	4.3	4.4	4.0	3.6
31	<b>LEATHER AND LEATHER PRODUCTS</b>	39.2	38.3	37.8	39.0	37.6	-	2.1	1.9	2.0	1.7
311	Leather tanning and finishing	42.1	41.6	41.4	41.1	40.7	-	3.9	3.5	3.4	3.2
314	Footwear, except rubber	39.1	37.5	36.9	38.9	37.0	-	1.6	1.5	1.8	1.2
312,3,5-7,9	Other leather products	38.4	39.1	38.8	38.4	38.3	-	2.8	2.4	2.2	2.3
317	Handbags and personal leather goods	-	39.3	38.9	37.7	38.5	-	2.9	2.6	1.8	2.5
	<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>										
	<b>RAILROAD TRANSPORTATION:</b>										
	Class I railroads <sup>2</sup>		(*)	(*)	44.3	42.7					
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation		42.9	42.5	41.6	41.9					
413	Intercity and rural bus lines		44.2	43.7	40.7	42.2					
	<b>MOTOR FREIGHT TRANSPORTATION AND STORAGE:</b>										
42	Motor freight transportation and storage		42.4	43.1	42.6	41.7					
422	Public warehousing		41.2	42.3	40.9	41.9					
46	Pipeline transportation		41.3	41.2	41.1	41.6					
	<b>COMMUNICATION:</b>										
48	Communication		41.8	40.9	40.3	41.1					
481	Telephone communication		42.0	40.9	40.4	41.3					
4817	Switchboard operating employees <sup>3</sup>		39.5	37.5	36.3	39.7					
4818	Line construction employees <sup>4</sup>		47.4	46.3	46.3	46.1					
482	Telegraph communication <sup>5</sup>		43.2	43.1	42.0	42.0					
483	Radio and television broadcasting		40.0	40.3	39.3	39.5					
	<b>ELECTRIC, GAS, AND SANITARY SERVICES:</b>										
49	Electric, gas, and sanitary services		41.6	41.7	41.4	41.2					
491	Electric companies and systems		41.4	41.4	41.4	41.1					
492	Gas companies and systems		41.5	41.7	41.2	41.3					
493	Combined utility systems		42.0	42.1	41.7	41.2					
494-7	Water, steam, and sanitary systems		41.6	41.6	41.6	41.4					

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



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<b>WHOLESALE AND RETAIL TRADE<sup>6</sup></b>		\$76.80	\$77.42	\$74.68	\$74.25		\$2.07	\$2.07	\$1.96	\$1.98
	<b>WHOLESALE TRADE</b>										
50	Motor vehicles and automotive equipment		107.71	107.57	104.81	104.45		2.64	2.63	2.55	2.56
501	Drugs, chemicals, and allied products		101.16	100.91	98.51	97.86		2.42	2.42	2.34	2.33
502	Dry goods and apparel		111.24	110.84	106.49	107.18		2.74	2.73	2.61	2.64
503	Groceries and related products		104.98	105.46	99.68	101.41		2.77	2.79	2.63	2.69
504	Electrical goods		96.56	97.10	96.18	94.30		2.39	2.38	2.29	2.30
506	Hardware, plumbing, and hearing goods		128.19	127.02	119.71	118.72		2.92	2.92	2.61	2.80
507	Machinery, equipment, and supplies		104.04	104.19	98.66	99.38		2.55	2.56	2.43	2.46
508	Miscellaneous wholesalers		117.16	116.75	114.12	114.12		2.83	2.82	2.77	2.77
509			108.54	107.74	107.45	105.85		2.70	2.68	2.64	2.62
52-59	<b>RETAIL TRADE<sup>6</sup></b>										
53	General merchandise stores		66.96	67.33	65.84	64.79		1.86	1.86	1.77	1.78
531	Department stores		58.56	59.79	58.41	56.45		1.78	1.79	1.65	1.69
532	Mail order houses		61.56	63.69	61.60	60.21		1.90	1.93	1.77	1.83
533	Limited price variety stores		68.99	69.81	81.80	66.61		1.89	1.95	1.83	1.83
54	Food stores		44.64	44.62	43.36	42.08		1.44	1.43	1.31	1.34
541-3	Grocery, meat, and vegetable stores		71.19	70.51	68.40	68.88		2.10	2.08	2.00	2.02
56	Apparel and accessories stores		72.21	71.87	69.43	70.11		2.13	2.12	2.03	2.05
561	Men's and boys' apparel stores		57.23	57.93	57.77	54.95		1.75	1.75	1.66	1.65
562	Women's ready-to-wear stores		69.05	69.89	69.38	66.60		1.99	1.98	1.87	1.85
565	Family clothing stores		51.36	51.99	52.10	49.83		1.59	1.59	1.51	1.51
566	Shoe stores		56.42	57.61	55.06	53.46		1.72	1.73	1.61	1.63
57	Furniture and appliance stores		55.36	57.33	57.73	53.35		1.78	1.82	1.76	1.71
571	Furniture and home furnishings		88.48	89.15	89.98	87.42		2.24	2.24	2.20	2.18
58	Eating and drinking places <sup>7</sup>		87.91	88.18	88.15	85.60		2.22	2.21	2.15	2.14
52,55,59	Other retail trade		45.62	46.02	44.96	44.58		1.33	1.33	1.27	1.27
52	Building materials and hardware		84.03	83.84	81.58	80.38		2.08	2.07	1.98	1.97
531,2	Motor vehicle dealers		89.88	90.52	86.31	85.69		2.14	2.14	2.06	2.05
533,9	Other vehicle and accessory dealers		105.90	105.22	101.87	99.43		2.44	2.43	2.31	2.27
591	Drug stores		85.73	86.17	86.48	85.30		1.98	1.99	1.97	1.97
598	Fuel and ice dealers		61.93	61.94	60.45	60.00		1.79	1.78	1.67	1.69
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>8</sup></b>										
60	Banking		99.92	98.21	98.78	94.38		2.34	2.30	2.24	2.20
61	Credit agencies other than banks		90.27	89.65	87.28	86.81		2.42	2.41	2.34	2.34
612	Savings and loan associations		80.35	80.35	77.58	77.58		2.16	2.16	2.08	2.08
62	Security dealers and exchanges		84.90	84.67	82.62	82.03		2.24	2.24	2.18	2.17
63	Insurance carriers		84.44	84.82	84.00	83.63		2.27	2.28	2.24	2.23
631	Life insurance		136.08	131.89	123.09	124.07		3.60	3.48	3.30	3.39
632	Accident and health insurance		96.12	95.86	93.62	93.74		2.57	2.57	2.51	2.52
633	Fire, marine, and casualty insurance		95.31	94.79	92.96	92.57		2.59	2.59	2.54	2.55
	<b>SERVICES AND MISCELLANEOUS:</b>										
701	Hotels and lodging places: Hotels, tourist courts, and motels <sup>7</sup>		85.47	84.50	83.17	82.43		2.31	2.29	2.26	2.24
721	Personal Services: Laundries, cleaning and dyeing plants		99.06	99.18	96.39	97.16		2.60	2.61	2.53	2.55
781	Motion pictures: Motion picture filming and distributing		51.71	52.30	51.17	50.01		1.39	1.38	1.35	1.33

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	<b>WHOLESALE AND RETAIL TRADE<sup>6</sup></b>		37.1	37.4	38.1	37.5					
	<b>WHOLESALE TRADE</b>		40.8	40.9	41.1	40.8					
50	Motor vehicles and automotive equipment		41.8	41.7	42.1	42.0					
501	Drugs, chemicals, and allied products		40.6	40.6	40.8	40.6					
502	Dry goods and apparel		37.9	37.8	37.9	37.7					
503	Groceries and related products		40.4	40.8	42.0	41.0					
504	Electrical goods		43.9	43.5	42.6	42.4					
506	Hardware, plumbing, and heating goods		40.8	40.7	40.6	40.4					
507	Machinery, equipment, and supplies		41.4	41.4	41.2	41.2					
508	Miscellaneous wholesalers		40.2	40.2	40.7	40.4					
509											
52-59	<b>RETAIL TRADE<sup>6</sup></b>		36.0	36.2	37.2	36.4					
53	General merchandise stores		32.9	33.4	35.4	33.4					
531	Department stores		32.4	33.0	34.8	32.9					
532	Mail order houses		36.5	35.8	44.7	36.4					
533	Limited price variety stores		31.0	31.2	33.1	31.4					
54	Food stores		33.9	33.9	34.2	34.1					
541-3	Grocery, meat, and vegetable stores		33.9	33.9	34.2	34.2					
56	Apparel and accessories stores		32.7	33.1	34.8	33.3					
561	Men's and boys' apparel stores		34.7	35.3	37.1	36.0					
562	Women's ready-to-wear stores		32.3	32.7	34.5	33.0					
565	Family clothing stores		32.8	33.3	34.2	32.8					
566	Shoe stores		31.1	31.5	32.8	31.2					
57	Furniture and appliance stores		39.5	39.8	40.9	40.1					
571	Furniture and home furnishings		39.6	39.9	41.0	40.0					
58	Eating and drinking places		34.3	34.6	35.4	35.1					
52,55,59	Other retail trade		40.4	40.5	41.2	40.8					
52	Building materials and hardware		42.0	42.3	41.9	41.8					
551,2	Motor vehicle dealers		43.4	43.3	44.1	43.8					
553,9	Other vehicle and accessory dealers		43.3	43.3	43.9	43.3					
591	Drug stores		34.6	34.8	36.2	35.5					
598	Fuel and ice dealers		42.7	42.7	44.1	42.9					
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>6</sup></b>		37.3	37.2	37.3	37.1					
60	Banking		37.2	37.2	37.3	37.3					
61	Credit agencies other than banks		37.9	37.8	37.9	37.8					
612	Savings and loan associations		37.2	37.2	37.5	37.5					
62	Security dealers and exchanges		37.8	37.9	37.3	36.6					
63	Insurance carriers		37.4	37.3	37.3	37.2					
631	Life insurance		36.8	36.6	36.6	36.3					
632	Accident and health insurance		37.0	36.9	36.8	36.8					
633	Fire, marine, and casualty insurance		38.1	38.0	38.1	38.1					
	<b>SERVICES AND MISCELLANEOUS:</b>										
	Hotels and lodging places:										
701	Hotels, tourist courts, and motels		37.2	37.9	37.9	37.6					
	Personal Services:										
721	Laundries, cleaning and dyeing plants		38.2	38.8	38.9	38.6					
	Motion pictures:										
781	Motion picture filming and distributing	-	39.2	40.6	40.3	39.9	-	-	-	-	-

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

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

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

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

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

<sup>6</sup> Beginning January 1964, data include eating and drinking places.

<sup>7</sup> Money payments only; tips, not included.

<sup>8</sup> Data for nonoffice salesmen excluded from all series in this division.

\* Not available.

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
<b>MANUFACTURING</b> . . . . .	\$2.54	\$2.53	\$2.52	\$2.47	\$2.45
<b>DURABLE GOODS</b>	2.70	2.69	2.68	2.64	2.61
Ordnance and accessories . . . . .	-	3.02	3.02	3.02	3.00
Lumber and wood products, except furniture . . . . .	-	2.09	2.10	2.01	2.03
Furniture and fixtures . . . . .	-	2.05	2.05	1.99	1.98
Stone, clay, and glass products . . . . .	-	2.54	2.53	2.45	2.44
Primary metal industries . . . . .	-	3.06	3.06	3.02	3.00
Fabricated metal products . . . . .	-	2.66	2.65	2.61	2.57
Machinery . . . . .	-	2.84	2.83	2.77	2.76
Electrical equipment and supplies . . . . .	-	2.51	2.50	2.46	2.45
Transportation equipment . . . . .	-	3.09	3.07	3.00	2.98
Instruments and related products . . . . .	-	2.53	2.52	2.50	2.49
Miscellaneous manufacturing industries . . . . .	-	2.05	2.05	2.04	2.01
<b>NONDURABLE GOODS</b> . . . . .	2.30	2.29	2.28	2.24	2.23
Food and kindred products . . . . .	-	2.33	2.31	2.29	2.27
Tobacco manufactures . . . . .	-	2.09	1.95	1.98	1.90
Textile mill products . . . . .	-	1.81	1.80	1.74	1.75
Apparel and related products . . . . .	-	1.82	1.82	1.77	1.77
Paper and allied products . . . . .	-	2.52	2.51	2.46	2.44
Printing, publishing, and allied industries . . . . .	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products . . . . .	-	2.83	2.82	2.76	2.75
Petroleum refining and related industries . . . . .	-	3.26	3.20	3.16	3.14
Rubber and miscellaneous plastic products . . . . .	-	2.50	2.51	2.47	2.46
Leather and leather products . . . . .	-	1.85	1.85	1.80	1.81

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

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

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

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

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	Nov. 1965	Oct. 1965	Nov. 1964	Worker with no dependents			Worker with three dependents		
				Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
<b>MINING:</b>									
Current dollars . . . . .	\$123.61	\$126.26	\$120.98	\$101.98	\$104.10	\$98.60	\$110.35	\$112.59	\$107.11
1957-59 dollars . . . . .	111.76	114.37	111.30	92.21	94.29	90.71	99.77	101.98	98.54
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars . . . . .	135.40	144.01	131.73	111.43	118.26	107.08	120.33	127.49	116.12
1957-59 dollars . . . . .	122.42	130.44	121.19	100.75	107.12	98.51	108.80	115.48	106.83
<b>MANUFACTURING:</b>									
Current dollars . . . . .	109.71	108.62	104.30	90.83	89.95	85.45	98.61	97.69	93.28
1957-59 dollars . . . . .	99.20	98.39	95.95	82.12	81.48	78.61	89.16	88.49	85.81
<b>WHOLESALE AND RETAIL TRADE:<sup>2</sup></b>									
Current dollars . . . . .	76.80	77.42	74.25	64.42	64.91	61.65	71.34	71.85	68.91
1957-59 dollars . . . . .	69.44	70.13	68.31	58.25	58.80	56.72	64.50	65.08	63.39

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

<sup>2</sup>Beginning January 1964, data include 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 activities<sup>1</sup>**

1957-59=100

Industry	Dec. 1965	Nov. 1965	Oct. 1965	Dec. 1964	Nov. 1964
	Man-hours				
<b>TOTAL</b> .....	112.5	112.5	113.8	106.1	106.6
<b>MINING</b> ... ..	84.0	82.4	83.9	82.9	84.7
<b>CONTRACT CONSTRUCTION</b> ... ..	110.4	114.2	124.1	102.3	111.3
<b>MANUFACTURING</b> ... ..	114.3	113.7	113.5	107.9	106.9
<b>DURABLE GOODS</b> .....	119.7	118.4	117.5	111.2	109.1
Ordnance and accessories .....	132.9	131.1	129.1	116.8	116.9
Lumber and wood products, except furniture ..	97.4	98.3	100.3	93.1	94.8
Furniture and fixtures .....	125.9	124.0	124.2	118.6	117.4
Stone, clay, and glass products .....	108.2	109.9	110.7	103.3	106.7
Primary metal industries .....	107.6	105.3	106.9	111.3	109.1
Fabricated metal products .....	123.2	122.5	120.8	113.6	111.5
Machinery .....	129.1	125.7	123.8	118.0	113.0
Electrical equipment and supplies .....	138.6	136.0	133.4	121.9	119.5
Transportation equipment .....	117.6	115.3	112.7	106.4	100.2
Instruments and related products .....	118.3	118.1	116.7	108.3	107.9
Miscellaneous manufacturing industries .....	117.3	123.4	124.0	105.9	112.6
<b>NONDURABLE GOODS</b> .....	107.3	107.7	108.2	103.6	104.0
Food and kindred products .....	93.9	97.5	101.0	93.9	96.8
Tobacco manufactures .....	87.1	86.6	102.8	101.4	101.8
Textile mill products .....	104.7	104.8	103.8	99.8	99.9
Apparel and related products .....	116.0	117.1	117.2	111.4	112.9
Paper and allied products .....	113.6	112.6	112.5	108.5	107.2
Printing, publishing, and allied industries ..	114.2	112.2	111.9	110.0	107.7
Chemicals and allied products .....	111.2	110.0	109.2	106.4	105.8
Petroleum refining and related industries ..	75.3	76.6	78.0	74.4	75.9
Rubber and miscellaneous plastic products ..	143.4	140.8	138.4	127.6	126.0
Leather and leather products .....	101.6	98.7	96.0	99.2	95.8
	Payrolls				
<b>MINING</b> ... ..	-	97.6	99.4	95.1	97.1
<b>CONTRACT CONSTRUCTION</b> ... ..		151.0	165.3	131.5	140.8
<b>MANUFACTURING</b> .....	143.8	142.3	141.4	131.5	128.9

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

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

# ESTABLISHMENT DATA SEASONALLY ADJUSTED HOURS

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

Industry	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
<b>MINING</b> .....	42.9	42.0	42.2	42.2	42.7	42.6	41.9	42.3	42.0	42.3	41.7	42.0	42.2
<b>CONTRACT CONSTRUCTION</b> .....	39.4	37.0	37.0	36.2	37.3	37.4	37.1	37.5	37.0	37.5	37.5	37.6	39.0
<b>MANUFACTURING</b> .....	41.4	41.4	41.2	40.9	41.0	41.0	41.0	41.1	41.0	41.3	41.2	41.2	41.2
<i>Overtime hours</i> .....	3.8	3.8	3.8	3.5	3.4	3.4	3.5	3.6	3.2	3.7	3.6	3.6	3.4
<b>DURABLE GOODS</b> .....	42.2	42.2	42.0	41.6	41.7	41.7	41.8	42.0	41.9	42.2	42.1	42.1	42.0
<i>Overtime hours</i> .....	4.1	4.1	4.1	3.7	3.7	3.8	3.8	3.9	3.8	4.0	4.1	3.9	3.7
Ordnance and accessories .....	42.7	42.2	42.3	41.9	42.1	42.7	41.8	41.7	41.2	41.5	41.2	41.0	40.7
Lumber and wood products, except furniture .....	41.8	41.4	41.1	40.5	40.7	40.5	39.9	41.0	40.9	41.0	40.3	40.7	40.8
Furniture and fixtures .....	41.6	41.7	41.5	40.9	41.3	41.3	41.4	41.6	41.4	41.8	41.9	41.6	41.7
Stone, clay, and glass products .....	43.2	42.1	41.8	41.9	41.8	41.7	41.6	41.9	41.3	41.9	42.1	42.1	42.4
Primary metal industries .....	41.0	41.1	41.4	41.8	42.1	42.4	42.1	42.1	43.7	42.3	42.3	42.3	42.2
Fabricated metal products .....	42.4	42.5	42.3	41.6	41.7	41.8	42.0	42.1	41.7	42.6	42.3	42.2	42.2
Machinery .....	43.8	43.7	43.5	43.0	42.7	42.9	43.0	43.0	42.3	43.2	43.1	43.1	43.0
Electrical equipment and supplies .....	41.4	41.3	41.0	40.5	40.8	40.6	41.0	41.1	40.5	41.2	41.1	41.0	41.0
Transportation equipment .....	43.0	43.3	43.0	41.8	42.2	42.3	42.9	43.0	42.7	43.5	43.3	43.4	42.9
Instruments and related products .....	41.9	41.7	41.7	41.5	41.3	41.3	41.4	41.6	40.5	41.4	41.3	41.2	41.2
Miscellaneous manufacturing industries .....	40.2	40.2	40.0	39.8	40.0	39.7	39.6	39.8	39.5	39.8	39.8	39.9	39.9
<b>NONDURABLE GOODS</b> .....	40.3	40.3	40.1	40.1	40.0	40.0	39.9	40.0	39.9	40.2	40.2	40.1	40.1
<i>Overtime hours</i> .....	3.3	3.3	3.2	3.2	3.0	3.0	3.0	3.1	3.0	3.1	3.1	3.1	3.1
Food and kindred products .....	41.2	41.1	41.0	40.7	41.1	41.4	41.0	41.0	41.0	41.1	41.2	41.4	41.3
Tobacco manufactures .....	37.3	38.0	37.7	37.8	37.4	38.1	37.2	37.3	36.7	38.3	38.9	38.5	39.2
Textile mill products .....	42.3	42.0	41.8	41.7	41.8	41.4	41.4	41.5	41.5	41.9	41.9	42.0	41.8
Apparel and related products .....	36.7	36.5	36.4	36.0	36.2	36.3	36.5	36.4	36.0	36.6	36.6	36.5	36.5
Paper and allied products .....	43.7	43.6	43.4	43.0	42.9	42.9	43.0	43.1	42.7	43.1	43.1	43.1	43.0
Printing, publishing, and allied industries .....	38.7	38.7	38.4	38.6	38.6	38.6	38.5	38.5	38.5	38.6	38.6	38.6	38.6
Chemicals and allied products .....	42.0	42.0	41.9	42.2	41.8	41.6	41.7	42.0	42.2	41.9	41.9	41.8	41.7
Petroleum refining and related industries .....	42.3	42.5	42.5	42.7	42.7	42.1	41.9	42.2	42.4	42.1	41.9	41.5	42.0
Rubber and miscellaneous plastic products .....	42.3	42.5	42.3	41.6	41.9	41.8	41.8	41.7	41.1	42.2	42.2	42.2	41.6
Leather and leather products .....	38.4	38.7	38.6	38.4	37.9	37.9	37.8	38.4	38.3	38.2	38.2	37.7	38.2
<b>WHOLESALE AND RETAIL TRADE</b> <sup>2</sup> .....	.	37.4	37.5	37.5	37.8	37.8	37.7	37.8	37.8	37.8	37.8	37.8	37.9
<b>WHOLESALE TRADE</b> .....	.	40.8	40.9	40.8	41.0	40.7	40.8	40.9	40.7	40.9	40.8	40.8	40.8
<b>RETAIL TRADE</b> <sup>2</sup> .....	.	36.4	36.4	36.5	36.7	36.8	36.6	36.8	36.9	36.8	36.8	36.8	36.9

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

<sup>2</sup>Beginning January 1964, data include 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 activities<sup>1</sup>  
seasonally adjusted**

Industry	1957-59=100												
	Dec. 1965	Nov. 1965	Oct. 1965	Sept. 1965	Aug. 1965	July 1965	June 1965	May 1965	Apr. 1965	Mar. 1965	Feb. 1965	Jan. 1965	Dec. 1964
<b>TOTAL</b> .....	114.0	111.3	109.6	108.1	108.8	108.5	108.2	108.0	107.1	108.6	107.9	107.5	107.5
<b>MINING</b> ...	84.5	81.7	81.8	80.4	83.1	84.4	81.5	82.5	82.0	83.3	82.3	83.0	83.4
<b>CONTRACT CONSTRUCTION</b> ....	124.4	112.0	109.3	106.5	109.9	108.8	109.8	110.7	107.3	112.9	112.0	111.3	115.4
<b>MANUFACTURING</b> ....	113.6	112.7	111.1	109.8	110.0	109.7	109.2	108.9	108.3	109.1	108.4	108.0	107.2
<b>DURABLE GOODS</b> .....	118.5	117.3	115.6	114.1	114.3	113.8	113.2	112.7	112.0	112.6	111.6	111.0	110.1
Ordnance and accessories .....	131.0	128.2	127.3	123.8	123.2	122.5	117.6	116.2	113.6	115.6	114.8	114.2	113.4
Lumber and wood products, except furniture ...	101.4	99.2	97.2	95.2	96.2	95.4	93.8	96.8	97.1	99.0	95.5	95.9	96.8
Furniture and fixtures .....	123.2	121.4	119.5	117.5	117.6	118.6	118.6	119.1	118.6	119.0	118.3	116.8	116.1
Stone, clay, and glass products .....	112.9	108.5	106.9	107.2	105.8	105.6	104.3	105.2	105.2	107.6	107.2	107.9	107.8
Primary metal industries .....	108.0	107.8	109.7	113.1	115.1	115.7	113.9	112.0	116.3	112.7	112.5	112.5	111.8
Fabricated metal products .....	121.8	121.2	118.3	115.8	115.4	116.4	115.8	115.4	114.1	113.8	115.3	113.7	112.4
Machinery .....	128.4	128.2	125.6	123.6	121.7	122.3	120.9	119.8	117.4	119.7	118.4	118.1	117.4
Electrical equipment and supplies .....	135.1	133.0	130.3	126.7	126.4	125.5	125.9	124.6	121.9	122.9	121.3	119.6	118.8
Transportation equipment .....	111.4	111.2	109.3	106.6	108.7	105.4	106.8	106.2	104.7	105.9	103.9	103.5	100.7
Instruments and related products .....	116.6	116.1	115.2	114.2	112.2	113.2	111.2	109.0	107.0	108.9	108.6	107.5	107.0
Miscellaneous manufacturing industries .....	118.9	116.2	114.0	111.2	111.7	108.3	107.4	107.9	107.8	108.2	107.6	107.2	107.2
<b>NONDURABLE GOODS</b> ....	107.3	106.7	105.2	104.1	104.2	104.5	104.2	103.9	103.5	104.5	104.2	104.1	103.5
Food and kindred products .....	95.0	95.4	92.9	91.0	92.4	93.5	92.1	92.6	92.2	94.0	94.2	95.1	95.0
Tobacco manufactures .....	79.6	79.9	80.5	78.4	77.5	87.1	85.1	84.1	82.8	86.4	89.0	89.2	92.0
Textile mill products .....	104.3	103.3	102.2	101.6	101.6	100.5	100.0	100.1	100.3	100.9	100.5	100.4	99.5
Apparel and related products .....	117.5	116.4	115.7	113.8	113.4	113.9	116.9	114.4	113.0	114.5	113.8	113.8	112.9
Paper and allied products .....	112.9	111.9	110.7	109.5	108.8	109.5	108.4	108.4	107.7	108.4	108.4	108.2	107.5
Printing, publishing, and allied industries .....	112.0	111.9	110.3	110.2	110.3	110.3	109.0	108.8	108.8	109.1	108.7	108.6	107.9
Chemicals and allied products .....	112.1	110.7	109.8	111.0	110.3	109.8	108.9	108.8	109.4	109.0	108.4	107.7	107.3
Petroleum refining and related industries .....	77.5	77.9	77.2	78.3	77.6	77.2	76.1	75.3	77.0	76.5	76.1	75.4	76.3
Rubber and miscellaneous plastic products ...	141.0	139.0	135.8	132.4	133.8	132.7	132.0	130.9	129.4	132.1	130.6	128.8	125.5
Leather and leather products .....	99.0	99.1	98.2	97.4	96.1	95.5	95.6	98.0	97.2	97.5	96.9	95.6	96.6

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

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

**ESTABLISHMENT DATA**  
**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		
	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
ALABAMA	\$94.66	\$94.05	\$90.67	41.7	41.8	41.4	\$2.27	\$2.25	\$2.19
Birmingham	119.43	117.04	115.23	42.2	41.8	41.3	2.83	2.80	2.79
Mobile	113.74	113.48	107.02	42.6	42.5	42.3	2.67	2.67	2.53
ALASKA	(1)	152.83	155.24	(1)	38.4	39.5	(1)	3.98	3.93
ARIZONA	118.14	117.31	110.42	41.6	41.6	40.3	2.84	2.82	2.74
Phoenix	119.00	117.88	111.65	41.9	41.8	40.6	2.84	2.82	2.75
Tucson	125.76	125.33	114.37	40.7	40.3	38.9	3.09	3.11	2.94
ARKANSAS	75.26	76.54	71.96	40.9	41.6	40.2	1.84	1.84	1.79
Fort Smith	74.93	74.44	71.02	41.4	40.9	39.9	1.81	1.82	1.78
Little Rock-North Little Rock	74.89	74.85	71.46	40.7	40.9	39.7	1.84	1.83	1.80
Pine Bluff	92.29	90.13	90.94	41.2	40.6	42.1	2.24	2.22	2.16
CALIFORNIA	127.10	126.28	119.60	41.0	41.0	40.0	3.10	3.08	2.99
Anaheim-Santa Ana-Garden Grove	126.38	125.14	120.09	41.3	41.3	40.3	3.06	3.03	2.98
Bakersfield	135.60	132.00	130.97	40.6	40.0	40.8	3.34	3.30	3.21
Fresno	104.52	106.52	96.00	39.0	39.6	37.5	2.68	2.69	2.56
Los Angeles-Long Beach	125.86	124.12	118.67	41.4	41.1	40.5	3.04	3.02	2.93
Oxnard-Ventura	110.04	107.62	104.56	39.3	38.3	38.3	2.80	2.81	2.73
Sacramento	133.79	132.66	130.87	39.7	41.2	39.9	3.37	3.22	3.28
San Bernardino-Riverside-Ontario	123.42	123.52	118.30	40.6	40.9	40.1	3.04	3.02	2.95
San Diego	137.37	134.89	125.22	41.5	41.0	39.5	3.31	3.29	3.17
San Francisco-Oakland	133.67	134.20	127.01	39.9	40.3	39.2	3.35	3.33	3.24
San Jose	128.52	128.84	120.69	40.8	40.9	39.7	3.15	3.15	3.04
Santa Barbara	122.51	120.80	120.48	40.3	40.4	39.5	3.04	2.99	3.05
Stockton	123.22	122.36	115.24	40.4	41.2	38.8	3.05	2.97	2.97
Vallejo-Napa	111.15	113.62	102.21	37.3	38.0	36.9	2.98	2.99	2.77
COLORADO	117.45	115.21	110.15	41.5	41.0	40.2	2.83	2.81	2.74
Denver	124.41	118.66	112.59	43.5	41.2	40.5	2.86	2.88	2.78
CONNECTICUT	116.02	115.45	111.14	42.5	42.6	42.1	2.73	2.71	2.64
Bridgeport	121.24	121.09	113.01	43.3	43.4	41.7	2.80	2.79	2.71
Hartford	122.41	121.41	117.00	42.8	42.9	42.7	2.86	2.83	2.74
New Britain	116.89	118.00	113.52	42.2	42.6	42.2	2.77	2.77	2.69
New Haven	111.64	111.49	107.42	41.5	41.6	41.0	2.69	2.68	2.62
Stamford	116.48	113.71	113.15	41.9	41.5	41.6	2.78	2.74	2.72
Waterbury	116.14	113.79	111.83	42.7	42.3	42.2	2.72	2.69	2.65
DELAWARE	119.83	119.99	118.58	41.9	42.1	42.5	2.86	2.85	2.79
Wilmington	132.51	132.71	129.93	42.2	42.4	42.6	3.14	3.13	3.05
DISTRICT OF COLUMBIA: Washington SMSA	114.80	115.09	109.81	40.0	40.1	39.5	2.87	2.87	2.78
FLORIDA	93.96	93.51	90.31	43.1	42.7	42.6	2.18	2.19	2.12
Jacksonville	91.98	91.53	96.48	40.7	40.5	42.5	2.26	2.26	2.27
Miami	86.52	85.86	86.53	42.0	40.5	41.6	2.06	2.12	2.08
Tampa-St. Petersburg	99.01	98.35	90.94	44.2	44.5	43.1	2.24	2.21	2.11
GEORGIA	87.35	84.65	80.14	42.2	41.7	41.1	2.07	2.03	1.95
Atlanta	116.21	106.24	98.49	43.2	41.5	40.2	2.69	2.56	2.45
Savannah	106.60	105.50	101.68	42.3	42.2	41.5	2.52	2.50	2.45
HAWAII	91.87	93.93	90.35	38.6	39.3	39.8	2.38	2.39	2.27
IDAHO	103.35	109.85	98.94	39.0	39.8	38.8	2.65	2.76	2.55
ILLINOIS	119.61	119.04	114.98	41.6	41.6	41.4	2.88	2.86	2.78
Chicago	121.51	120.80	116.84	41.8	41.8	41.5	2.91	2.89	2.82
Davenport-Rock Island-Moline	(1)	129.45	125.71	(1)	40.8	40.9	(1)	3.17	3.07

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		
	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
<b>ILLINOIS (continued)</b>									
Peoria .....	(1)	\$134.44	\$127.55	(1)	42.1	41.7	(1)	\$3.20	\$3.06
Rockford .....	(1)	123.07	117.55	(1)	44.1	43.6	(1)	2.79	2.70
<b>INDIANA</b>									
Indianapolis .....	\$123.11	123.48	115.86	41.8	41.9	41.0	\$2.95	2.95	2.83
	(1)	128.10	122.29	(1)	42.8	42.4	(1)	2.99	2.88
<b>IOWA</b>									
Cedar Rapids .....	115.62	115.73	113.27	40.8	41.2	41.1	2.83	2.81	2.76
Des Moines .....	121.28	121.65	116.93	42.7	43.1	41.9	2.84	2.82	2.79
	124.83	124.38	118.80	40.1	39.8	39.8	3.12	3.13	2.99
<b>KANSAS</b>									
Topeka .....	115.83	115.47	114.94	42.4	42.6	42.2	2.73	2.71	2.72
Wichita .....	130.37	134.30	119.47	44.1	45.0	42.6	2.96	2.98	2.80
	120.89	118.28	120.53	41.6	41.7	41.7	2.90	2.84	2.89
<b>KENTUCKY</b>									
Louisville .....	103.82	104.17	100.12	41.2	41.5	40.7	2.52	2.51	2.46
	123.14	123.64	116.76	41.8	42.1	41.7	2.94	2.94	2.80
<b>LOUISIANA</b>									
Baton Rouge .....	111.76	111.02	107.50	44.0	43.2	43.7	2.54	2.57	2.46
New Orleans .....	135.01	133.40	132.92	41.8	41.3	41.8	3.23	3.23	3.18
Shreveport .....	112.88	115.08	108.47	41.5	42.0	41.4	2.72	2.74	2.62
	107.69	108.82	102.19	44.5	44.6	43.3	2.42	2.44	2.36
<b>MAINE</b>									
Lewiston-Auburn .....	86.94	86.94	83.43	41.4	41.4	40.5	2.10	2.10	2.06
Portland .....	72.50	70.49	67.32	39.4	38.1	37.4	1.84	1.85	1.80
	90.23	89.76	89.51	41.2	40.8	40.5	2.19	2.20	2.21
<b>MARYLAND</b>									
Baltimore .....	107.30	106.23	106.14	40.8	40.7	41.3	2.63	2.61	2.57
	113.02	111.78	112.61	40.8	40.5	41.4	2.77	2.76	2.72
<b>MASSACHUSETTS</b>									
Boston .....	100.00	99.10	96.24	40.0	39.8	40.1	2.50	2.49	2.40
Brockton .....	107.06	106.13	103.22	39.8	39.6	39.7	2.69	2.68	2.60
Fall River .....	85.97	80.15	81.72	38.9	36.6	39.1	2.21	2.19	2.09
Lawrence-Haverhill <sup>2</sup> .....	65.80	70.30	65.81	32.9	34.8	34.1	2.00	2.02	1.93
Lowell <sup>2</sup> .....	92.43	92.59	89.44	39.5	39.4	39.4	2.34	2.35	2.27
New Bedford .....	84.32	84.77	82.22	39.4	39.8	38.6	2.14	2.13	2.13
Springfield-Chicopee-Holyoke .....	78.75	77.02	73.43	37.5	36.5	36.9	2.10	2.11	1.99
Worcester .....	104.34	103.68	100.21	40.6	40.5	40.9	2.57	2.56	2.45
	111.51	108.39	108.00	41.3	40.9	41.7	2.70	2.65	2.59
<b>MICHIGAN</b>									
Ann Arbor .....	149.01	145.41	135.51	45.5	44.7	43.6	3.28	3.25	3.11
Detroit .....	151.65	132.80	(1)	45.0	40.6	(1)	3.37	3.27	(1)
Flint <sup>3</sup> .....	157.62	154.44	141.57	45.7	45.0	43.2	3.45	3.43	3.28
Grand Rapids <sup>3</sup> .....	173.80	162.67	150.68	47.1	45.3	44.2	3.69	3.59	3.41
Lansing .....	121.65	123.22	117.22	42.4	42.7	41.7	2.87	2.89	2.81
Muskegon-Muskegon Heights .....	169.72	157.02	146.75	47.7	45.2	44.7	3.56	3.47	3.28
Saginaw .....	129.21	126.85	116.78	42.8	42.1	40.2	3.02	3.01	2.91
	156.56	148.01	134.03	46.1	45.0	43.9	3.40	3.29	3.05
<b>MINNESOTA</b>									
Duluth-Superior .....	113.34	113.58	108.41	41.1	41.4	40.7	2.76	2.74	2.66
Minneapolis-St. Paul .....	110.60	109.53	107.98	39.5	39.2	39.7	2.80	2.79	2.72
	119.54	120.68	113.17	41.2	41.6	40.3	2.90	2.90	2.81
<b>MISSISSIPPI</b>									
Jackson .....	77.61	78.31	73.39	41.5	42.1	41.0	1.87	1.86	1.79
	85.80	85.80	81.03	44.0	44.0	43.8	1.95	1.95	1.85
<b>MISSOURI</b>									
Kansas City .....	103.80	107.80	102.43	39.2	40.5	39.8	2.65	2.66	2.57
St. Louis .....	120.30	117.49	113.61	41.6	41.0	40.9	2.89	2.87	2.78
	115.52	122.09	116.73	39.0	41.3	40.6	2.96	2.96	2.87
<b>MONTANA</b>									
	109.48	113.57	109.47	39.1	41.0	40.1	2.80	2.77	2.73
<b>NEBRASKA</b>									
Omaha .....	104.95	104.03	104.80	43.3	43.3	43.3	2.42	2.40	2.42
	115.67	112.94	116.68	43.4	42.9	43.9	2.66	2.63	2.66

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		
	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
NEVADA .....	\$122.18	\$128.95	\$123.32	38.3	39.8	40.7	\$3.19	\$3.24	\$3.03
NEW HAMPSHIRE .....	85.48	85.07	82.01	40.9	40.9	40.4	2.09	2.08	2.03
Manchester .....	78.38	78.79	76.25	38.8	39.2	39.1	2.02	2.01	1.95
NEW JERSEY .....	114.68	114.26	109.75	41.4	41.4	40.8	2.77	2.76	2.69
Atlantic City .....	83.38	83.85	81.58	38.6	39.0	38.3	2.16	2.15	2.13
Jersey City <sup>4</sup> .....	112.61	111.25	106.37	41.1	40.9	40.6	2.74	2.72	2.62
Newark <sup>4</sup> .....	113.16	114.26	108.53	41.3	41.7	40.8	2.74	2.74	2.66
Paterson-Clifton-Passaic <sup>4</sup> .....	117.32	116.62	111.65	41.9	41.8	41.2	2.80	2.79	2.71
Perth Amboy <sup>4</sup> .....	122.69	123.26	112.31	42.6	42.8	40.4	2.88	2.82	2.78
Trenton .....	114.26	114.40	110.97	41.1	41.3	41.1	2.78	2.77	2.70
NEW MEXICO .....	95.76	97.16	89.40	41.1	41.7	38.7	2.33	2.33	2.31
Albuquerque .....	93.93	96.32	94.95	39.3	40.3	39.4	2.39	2.39	2.41
NEW YORK .....	107.73	108.00	103.74	39.9	40.0	39.9	2.70	2.70	2.60
Albany-Schenectady-Troy .....	122.18	118.78	116.88	41.7	41.1	41.3	2.93	2.89	2.83
Binghamton .....	109.36	108.00	101.84	41.9	41.7	41.4	2.61	2.59	2.46
Buffalo .....	132.71	131.35	126.42	42.4	42.1	42.0	3.13	3.12	3.01
Elmira .....	110.43	109.89	104.38	40.9	40.7	40.3	2.70	2.70	2.59
Nassau and Suffolk Counties <sup>5</sup> .....	110.16	109.35	107.60	40.8	40.5	40.0	2.70	2.70	2.69
New York-Northeastern New Jersey .....	106.38	106.92	102.73	39.4	39.6	39.3	2.70	2.70	2.61
New York SMSA <sup>4</sup> .....	100.70	101.50	98.69	38.0	38.3	38.4	2.65	2.65	2.57
New York City <sup>5</sup> .....	98.36	99.79	96.52	37.4	37.8	38.0	2.63	2.64	2.54
Rochester .....	122.26	121.70	116.47	42.6	42.7	42.2	2.87	2.85	2.76
Syracuse .....	116.62	115.64	110.56	41.5	41.3	41.1	2.81	2.80	2.69
Utica-Rome .....	103.82	103.73	100.12	41.2	41.0	41.2	2.52	2.53	2.43
Westchester County <sup>5</sup> .....	108.26	108.68	108.24	39.8	40.4	41.0	2.72	2.69	2.64
NORTH CAROLINA .....	78.54	76.91	74.23	42.0	41.8	41.7	1.87	1.84	1.78
Charlotte .....	82.26	83.07	81.03	42.4	42.6	43.1	1.94	1.95	1.88
Greensboro-High Point .....	78.88	77.33	75.21	41.3	40.7	41.1	1.91	1.90	1.83
NORTH DAKOTA .....	107.88	109.51	95.62	42.5	43.2	41.6	2.54	2.54	2.30
Fargo-Moorhead .....	109.55	108.86	105.25	41.7	42.4	41.8	2.63	2.57	2.52
OHIO .....	128.94	128.37	122.18	42.2	42.2	41.7	3.06	3.04	2.93
Akron .....	142.80	144.53	137.09	42.6	42.9	42.3	3.35	3.37	3.24
Canton .....	123.44	124.48	119.02	40.2	40.9	40.3	3.07	3.04	2.95
Cincinnati .....	122.57	120.85	115.81	42.8	42.5	42.2	2.86	2.84	2.74
Cleveland .....	133.44	132.17	124.93	43.0	42.7	41.8	3.10	3.10	2.99
Columbus .....	120.06	118.01	114.55	40.7	40.4	40.9	2.95	2.92	2.80
Dayton .....	144.43	145.80	132.35	43.4	43.9	42.4	3.33	3.32	3.12
Toledo .....	137.17	138.71	128.50	43.2	42.8	41.8	3.18	3.24	3.07
Youngstown-Warren .....	128.78	128.15	131.62	39.4	39.0	41.2	3.27	3.29	3.19
OKLAHOMA .....	103.70	102.79	100.73	42.5	42.3	42.5	2.44	2.43	2.37
Oklahoma City .....	98.64	98.44	96.50	42.7	42.8	42.7	2.31	2.30	2.26
Tulsa .....	114.33	114.17	110.24	42.5	42.6	42.4	2.69	2.68	2.60
OREGON .....	117.81	117.31	107.91	39.4	39.9	37.6	2.99	2.94	2.87
Portland .....	118.40	118.59	108.95	39.6	40.2	37.7	2.99	2.95	2.89
PENNSYLVANIA .....	107.30	106.63	103.57	40.8	40.7	40.3	2.63	2.62	2.57
Allentown-Bethlehem-Easton .....	104.80	104.41	98.30	39.4	39.4	38.7	2.66	2.65	2.54
Altoona .....	90.13	89.24	86.46	40.6	40.2	40.4	2.22	2.22	2.14
Erie .....	114.78	113.94	113.05	42.2	42.2	42.5	2.72	2.70	2.66
Harrisburg .....	94.83	94.24	90.50	40.7	40.1	40.4	2.33	2.35	2.24
Johnstown .....	105.36	106.41	104.35	37.1	37.6	37.4	2.84	2.83	2.79
Lancaster .....	101.52	100.44	96.10	42.3	42.2	41.6	2.40	2.38	2.31
Philadelphia .....	114.95	114.11	106.93	41.2	40.9	39.9	2.79	2.79	2.68
Pittsburgh .....	124.57	124.09	128.65	39.8	39.9	41.5	3.13	3.11	3.10
Reading .....	99.12	97.10	92.34	41.3	40.8	40.5	2.40	2.38	2.28
Scranton .....	81.62	80.81	74.40	38.5	38.3	37.2	2.12	2.11	2.00
Wilkes-Barre-Hazleton .....	75.28	74.37	70.76	36.9	36.1	36.1	2.04	2.06	1.96
York .....	93.29	92.65	87.56	42.6	42.5	42.3	2.19	2.18	2.07
RHODE ISLAND .....	90.35	89.51	85.81	40.7	40.5	40.1	2.22	2.21	2.14
Providence-Pawtucket-Warwick .....	89.91	90.13	85.65	40.5	40.6	40.4	2.22	2.22	2.12

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		
	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964	Nov. 1965	Oct. 1965	Nov. 1964
<b>SOUTH CAROLINA</b> .....	\$81.02	\$80.41	\$76.73	42.2	42.1	41.7	\$1.92	\$1.91	\$1.84
Charleston .....	88.19	89.04	84.87	41.6	42.0	41.2	2.12	2.12	2.06
Greenville .....	80.65	80.70	75.60	42.9	42.7	42.0	1.88	1.89	1.80
<b>SOUTH DAKOTA</b> .....	106.36	104.05	113.92	44.5	43.9	48.0	2.39	2.37	2.37
Sioux Falls .....	125.09	123.63	137.96	47.1	46.7	53.6	2.66	2.65	2.57
<b>TENNESSEE</b> .....	87.77	87.56	84.05	41.4	41.5	41.0	2.12	2.11	2.05
Chattanooga .....	94.58	93.52	90.03	41.3	41.2	41.3	2.29	2.27	2.18
Knoxville .....	97.03	97.92	94.47	40.6	40.8	40.2	2.39	2.40	2.35
Memphis .....	96.14	98.33	96.14	41.8	42.2	41.8	2.30	2.33	2.30
Nashville .....	96.87	95.40	90.45	42.3	41.3	41.3	2.29	2.31	2.19
<b>TEXAS</b> .....	105.42	104.83	101.26	42.0	42.1	41.5	2.51	2.49	2.44
Austin .....	73.99	72.80	75.62	41.8	40.9	39.8	1.77	1.78	1.90
Beaumont-Port Arthur .....	136.53	138.69	132.52	41.0	41.4	40.9	3.33	3.35	3.24
Corpus Christi .....	123.54	118.40	119.99	42.6	41.4	42.1	2.90	2.86	2.85
Dallas .....	97.16	97.67	90.64	41.7	42.1	41.2	2.33	2.32	2.20
El Paso .....	76.03	75.44	72.90	38.4	38.1	40.5	1.98	1.98	1.80
Fort Worth .....	116.14	112.67	106.50	42.7	42.2	41.6	2.72	2.67	2.56
Houston .....	124.82	124.41	119.99	42.6	42.9	42.7	2.93	2.90	2.81
San Antonio .....	78.85	78.69	76.91	41.5	41.2	41.8	1.90	1.91	1.84
<b>UTAH</b> .....	113.93	114.28	112.72	40.4	40.1	40.4	2.82	2.85	2.79
Salt Lake City .....	113.71	112.75	108.94	41.5	41.0	40.8	2.74	2.75	2.67
<b>VERMONT</b> .....	91.76	93.51	86.32	41.9	42.7	41.5	2.19	2.19	2.08
Burlington .....	104.63	102.05	95.04	45.1	43.8	41.5	2.32	2.33	2.29
Springfield .....	105.92	108.43	97.86	42.2	43.2	42.0	2.51	2.51	2.33
<b>VIRGINIA</b> .....	88.40	87.57	86.32	41.7	41.7	41.7	2.12	2.10	2.07
Norfolk-Portsmouth .....	94.33	98.34	86.09	42.3	44.1	40.8	2.23	2.23	2.11
Richmond .....	97.58	94.30	93.84	41.0	40.3	40.8	2.38	2.34	2.30
Roanoke .....	89.15	89.32	87.80	43.7	44.0	43.9	2.04	2.03	2.00
<b>WASHINGTON</b> .....	125.14	120.74	113.85	39.6	39.2	37.7	3.16	3.08	3.02
Seattle-Everett .....	129.68	120.82	118.27	39.9	38.6	38.4	3.25	3.13	3.08
Spokane .....	123.72	123.64	120.29	39.4	39.5	39.7	3.14	3.13	3.03
Tacoma .....	120.98	121.52	116.05	38.9	39.2	38.3	3.11	3.10	3.03
<b>WEST VIRGINIA</b> .....	110.29	109.75	108.68	40.4	40.2	40.4	2.73	2.73	2.69
Charleston .....	134.72	137.10	127.51	41.2	41.8	41.0	3.27	3.28	3.11
Huntington-Ashland .....	115.74	113.68	117.09	39.1	38.8	40.1	2.96	2.93	2.92
Wheeling .....	110.76	111.60	108.94	39.7	40.0	40.2	2.79	2.79	2.71
<b>WISCONSIN</b> .....	117.90	116.42	115.56	42.2	42.0	42.4	2.79	2.77	2.73
Green Bay .....	116.65	116.17	114.92	44.3	44.2	44.0	2.63	2.63	2.61
Kenosha .....	122.80	136.69	150.78	38.9	42.0	45.6	3.15	3.25	3.31
La Crosse .....	106.76	105.31	103.94	39.1	38.7	39.7	2.73	2.72	2.62
Madison .....	126.49	121.36	124.36	42.1	40.8	42.5	3.00	2.97	2.93
Milwaukee .....	128.28	127.68	124.68	41.7	41.5	41.8	3.08	3.08	2.99
Racine .....	121.57	121.91	119.55	41.0	41.1	41.4	2.96	2.97	2.88
<b>WYOMING</b> .....	107.73	102.39	107.64	37.8	36.7	37.9	2.85	2.79	2.34
Casper .....	128.97	124.12	127.76	37.6	37.5	39.8	3.43	3.31	3.21

<sup>1</sup> Not available.

<sup>2</sup> Initial inclusion in this publication.

<sup>3</sup> Data for 1965 not comparable with earlier years because of change in area definition.

<sup>4</sup> Area included in New York-Northeastern New Jersey Standard Consolidated Area.

<sup>5</sup> Subarea of New York Standard Metropolitan Statistical Area.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**Table D-1: Labor turnover rates in manufacturing  
1956 to date**

(Per 100 employees)

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

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

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

Data for the current month are preliminary.

# ESTABLISHMENT DATA LABOR TURNOVER

Table D-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965
	<b>MANUFACTURING</b>	3.9	4.5	2.9	3.5	3.8	4.4	1.7	2.2	1.4	1.4
19,24,25,32-39	<b>DURABLE GOODS</b>	3.8	4.2	2.9	3.4	3.4	4.1	1.5	2.0	1.1	1.2
20-23,26-31	<b>NONDURABLE GOODS</b>	4.0	4.8	2.9	3.6	4.3	4.9	1.9	2.5	1.8	1.7
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b>	2.2	3.5	1.2	2.1	1.9	2.4	.8	1.2	.6	.6
192	Ammunition, except for small arms	1.9	3.2	.9	1.8	1.8	2.3	.8	1.2	.6	.5
194	Sighting and fire control equipment	3.0	2.4	1.4	1.4	1.9	1.8	.9	1.0	.3	.3
191,3,5,6,9	Other ordnance and accessories	3.1	4.6	2.5	3.5	2.2	2.8	1.0	1.2	.8	1.1
24	<b>LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE</b>	4.6	5.4	4.0	4.8	5.9	6.1	3.0	3.9	2.1	1.2
242	Sawmills and planing mills	4.1	4.9	3.6	4.4	4.8	5.6	2.6	3.8	1.5	.9
2421	Sawmills and planing mills, general	3.8	4.6	3.3	4.2	4.7	5.3	2.5	3.6	1.6	.9
243	Millwork, plywood, and related products	4.0	4.7	3.6	4.3	4.2	5.7	2.7	3.4	.8	1.3
2431	Millwork	3.0	3.7	2.6	3.4	3.3	5.4	2.0	2.9	.8	1.5
2432	Veneer and plywood	4.8	5.4	4.4	5.0	4.1	5.8	3.1	3.9	.1	.9
244	Wooden containers	5.8	6.2	4.9	4.8	7.2	6.3	2.9	3.3	3.1	2.0
2441,2	Wooden boxes, shooks, and crates	6.2	5.7	5.5	4.6	7.2	6.7	3.1	3.3	2.9	2.3
249	Miscellaneous wood products	4.2	5.6	3.6	4.6	4.8	5.4	2.4	3.3	1.4	1.0
25	<b>FURNITURE AND FIXTURES</b>	5.1	6.2	4.4	5.4	4.4	5.6	2.8	3.6	.6	.9
251	Household furniture	5.4	6.5	4.7	5.8	4.3	5.5	3.0	3.8	.4	.6
2511	Wood house furniture, unupholstered	5.2	6.0	4.8	5.6	4.3	5.3	3.1	3.8	.3	.4
2512	Wood house furniture, upholstered	4.7	6.3	4.3	5.8	4.0	4.7	2.7	3.3	.4	.5
2515	Mattresses and bedsprings	5.2	6.1	4.3	4.4	4.7	5.3	3.2	3.0	.4	1.0
252	Office furniture	5.3	4.1	4.3	3.6	4.9	3.5	2.9	2.4	.4	.3
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	2.7	3.4	2.0	2.8	3.8	4.1	1.4	1.9	1.8	1.4
321	Flat glass	1.6	2.0	.1	.9	2.8	1.8	.2	.4	2.5	1.1
322	Glass and glassware, pressed or blown	2.5	3.1	1.4	2.3	3.1	4.1	.8	1.6	1.4	1.4
3221	Glass containers	2.2	3.0	1.3	2.2	3.6	5.0	.9	2.0	2.3	1.9
3229	Pressed and blown glassware, n.e.c.	2.8	3.2	1.5	2.4	2.5	3.0	.8	1.2	.5	.7
324	Cement, hydraulic	.7	1.4	.5	.8	3.2	1.5	.5	.5	2.4	.4
325	Structural clay products	3.2	3.5	2.7	3.2	4.4	4.2	2.3	2.6	1.5	.9
3251	Brick and structural clay tile	3.9	3.9	3.5	3.7	4.4	4.4	2.9	3.1	.8	.5
326	Pottery and related products	3.7	4.2	3.0	3.5	4.4	4.1	1.5	1.9	2.2	1.5
3291	Abrasive products	1.8	2.1	1.8	1.9	1.2	1.9	.7	1.1	.1	.2
33	<b>PRIMARY METAL INDUSTRIES</b>	2.7	2.5	1.5	1.6	3.3	4.8	.9	1.2	1.8	2.6
331	Blast furnace and basic steel products	2.4	1.5	.3	.5	4.3	6.2	.4	.8	3.2	4.5
3312	Blast furnaces, steel and rolling mills	2.4	1.3	.2	.3	4.5	6.6	.4	.7	3.6	4.8
332	Iron and steel foundries	3.6	4.0	3.0	3.2	3.1	4.1	1.8	2.1	.5	1.0
3321	Gray iron foundries	3.4	3.9	2.8	3.0	3.0	4.3	1.9	2.3	.4	1.1
3322	Malleable iron foundries	4.5	5.0	4.2	4.0	3.9	4.2	2.5	2.0	.1	1.2
3323	Steel foundries	3.6	3.9	2.9	3.4	2.9	3.6	1.2	1.6	.8	.8
333,4	Nonferrous smelting and refining	1.6	1.8	1.3	1.5	1.6	3.2	.7	.9	.3	.4
335	Nonferrous rolling, drawing, and extruding	2.1	2.9	1.7	2.1	1.8	2.5	.8	1.0	.4	.9
3351	Copper rolling, drawing, and extruding	1.3	1.4	.7	1.1	1.2	1.7	.6	.8	.1	.4
3352	Aluminum rolling, drawing, and extruding	2.6	2.2	1.8	1.8	2.5	2.1	.8	.9	1.1	.7
3357	Nonferrous wire drawing, and insulating	(1)	4.7	(1)	2.9	(1)	3.8	(1)	1.4	(1)	1.8
336	Nonferrous foundries	4.7	5.5	4.3	4.7	3.3	4.8	2.0	2.7	.4	.8
3361	Aluminum castings	4.4	6.5	4.0	5.3	3.3	5.2	2.2	2.9	.3	.7
3362,9	Other nonferrous castings	5.0	4.6	4.7	4.1	3.3	4.3	1.9	2.5	.5	.9
339	Miscellaneous primary metal industries	3.2	2.8	2.8	2.4	1.9	2.4	1.0	1.3	.2	.4
3391	Iron and steel forgings	2.9	2.5	2.7	2.2	1.9	2.1	1.1	1.0	.2	.4

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS . . . . .	4.2	4.9	3.5	4.0	3.7	4.8	1.9	2.3	0.9	1.4
341	Metal cans . . . . .	5.3	4.2	1.5	1.3	4.8	8.5	.7	1.0	3.2	6.3
342	Cutlery, hand tools, and general hardware . . . . .	4.4	5.2	3.8	3.8	3.9	3.9	1.9	2.0	.9	.9
3421,3,5	Cutlery and hand tools, including saws . . . . .	3.2	4.0	2.9	3.6	2.5	3.2	1.4	2.0	.4	.4
3429	Hardware, n.e.c. . . . .	5.1	6.0	4.3	3.9	4.7	4.3	2.2	2.0	1.3	1.3
343	Heating equipment and plumbing fixtures . . . . .	3.4	4.0	2.8	3.2	3.3	4.3	1.6	2.2	.9	1.2
3431,2	Sanitary ware and plumbers' brass goods . . . . .	3.0	3.4	2.6	2.4	3.1	3.8	1.6	2.0	.8	1.0
3433	Heating equipment, except electric . . . . .	3.8	4.5	3.1	3.9	3.4	4.7	1.6	2.4	1.0	1.3
344	Fabricated structural metal products . . . . .	3.7	4.8	3.2	4.2	3.8	5.2	1.7	2.5	1.1	1.4
3441	Fabricated structural steel . . . . .	4.2	4.6	3.2	3.9	4.4	5.6	1.7	2.2	1.8	1.7
3443	Fabricated plate work (boiler shops) . . . . .	3.2	3.7	2.9	3.2	3.3	3.5	1.4	1.9	1.0	1.0
3446,9	Architectural and miscellaneous metal work . . . . .	3.4	4.6	3.1	4.3	3.5	5.7	1.7	2.9	.9	1.8
345	Screw machine products, bolts, etc. . . . .	3.9	4.3	3.4	3.9	2.9	3.7	1.9	2.5	.4	.4
3452	Bolts, nuts, screws, rivets, and washers . . . . .	3.1	2.7	2.7	2.9	2.1	2.9	1.2	1.8	.3	.4
346	Metal stampings . . . . .	4.2	5.3	3.5	3.8	3.4	4.1	1.9	1.8	.7	1.3
348	Miscellaneous fabricated wire products . . . . .	3.5	5.2	3.2	4.9	3.0	4.2	1.9	3.0	.4	.3
349	Miscellaneous fabricated metal products . . . . .	3.6	3.9	3.0	3.3	2.7	3.4	1.7	2.0	.3	.7
3494,8	Valves, pipe, and pipe fittings . . . . .	3.4	3.4	2.9	2.9	2.5	3.1	1.6	1.9	.2	.5
35	MACHINERY . . . . .	3.5	3.3	2.8	2.7	2.4	3.0	1.3	1.5	.4	.7
351	Engines and turbines . . . . .	3.4	4.2	2.4	2.5	2.2	2.9	.9	1.4	.3	.6
3511	Steam engines and turbines . . . . .	2.1	2.2	1.3	1.5	1.6	2.3	.4	1.1	.1	.1
3519	Internal combustion engines, n.e.c. . . . .	4.1	5.3	3.0	3.1	2.5	3.3	1.2	1.5	.5	.8
352	Farm machinery and equipment . . . . .	5.3	4.2	2.9	3.3	3.6	4.4	1.5	1.6	1.4	1.9
353	Construction and related machinery . . . . .	3.0	3.0	2.6	2.7	2.3	2.9	1.3	1.4	.4	.5
3531,2	Construction and mining machinery . . . . .	2.7	2.9	2.2	2.6	2.2	3.0	1.2	1.3	.4	.6
3533	Oil field machinery, and equipment . . . . .	2.8	2.5	2.6	2.3	2.1	2.3	1.2	1.5	.2	.2
3535,6	Conveyors, hoists, and industrial cranes . . . . .	3.4	3.1	3.3	2.7	2.6	3.2	1.5	1.6	.5	.9
354	Metalworking machinery and equipment . . . . .	3.1	3.1	2.5	2.6	2.0	2.9	1.2	1.5	.2	.6
3541	Machine tools, metal cutting types . . . . .	2.4	2.6	2.3	2.4	1.6	2.0	.9	1.3	.2	.1
3545	Machine tool accessories . . . . .	2.8	2.7	2.6	2.6	1.8	2.2	1.2	1.4	.1	.1
3542,8	Miscellaneous metalworking machinery . . . . .	3.4	2.4	2.0	2.1	1.8	3.1	1.2	1.2	.1	1.0
355	Special industry machinery . . . . .	2.8	2.8	2.5	2.5	1.9	2.5	1.1	1.5	.3	.4
3551	Food products machinery . . . . .	2.4	2.7	2.1	2.3	2.2	2.8	1.2	1.5	.6	.7
3552	Textile machinery . . . . .	3.7	3.4	3.3	3.0	2.1	2.8	1.3	1.8	.2	.3
356	General industrial machinery . . . . .	2.9	2.9	2.5	2.4	2.0	2.7	1.2	1.4	.3	.7
3561	Pumps; air and gas compressors . . . . .	2.2	2.5	2.0	2.2	2.0	2.5	1.2	1.7	.3	.3
3562	Ball and roller bearings . . . . .	3.2	2.9	2.8	1.8	2.0	2.4	1.1	.9	.5	.9
3566	Mechanical power transmission goods . . . . .	2.7	2.8	2.3	2.5	2.0	2.9	1.1	1.2	.2	1.0
357	Office, computing, and accounting machines . . . . .	3.5	3.4	2.8	2.7	2.0	2.6	1.1	1.4	.1	.2
3571	Computing machines and cash registers . . . . .	3.6	3.4	3.0	2.6	2.0	2.5	1.0	1.2	.1	1.2
358	Service industry machines . . . . .	4.1	3.7	3.0	2.6	3.4	4.0	1.7	1.7	.9	1.4
3585	Refrigeration, except home refrigerators . . . . .	4.4	4.3	3.0	2.6	3.8	4.0	1.7	1.6	1.2	1.4
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .	3.9	4.6	3.0	3.7	2.6	3.2	1.4	1.8	.5	.4
361	Electric distribution equipment . . . . .	2.6	3.4	2.2	2.8	2.0	2.4	1.0	1.4	.3	.2
3611	Electric measuring instruments . . . . .	3.3	4.3	2.8	3.5	2.1	2.5	1.1	1.6	.2	.2
3612	Power and distribution transformers . . . . .	3.1	3.1	2.5	2.5	2.0	2.4	1.1	1.4	.2	.2
3613	Switchgear and switchboard apparatus . . . . .	1.8	2.9	1.5	2.4	1.8	2.4	.8	1.3	.4	.2
362	Electrical industrial apparatus . . . . .	3.5	3.3	2.6	2.7	2.3	2.9	1.4	1.6	.3	.6
3621	Motors and generators . . . . .	3.8	3.3	2.8	2.4	2.5	3.2	1.4	1.6	.4	.8
3622	Industrial controls . . . . .	3.0	3.7	2.3	3.3	2.0	2.4	1.0	1.6	.3	.2
363	Household appliances . . . . .	3.3	4.9	2.3	4.0	2.8	3.4	1.2	1.9	.5	.4
3632	Household refrigerators and freezers . . . . .	3.4	4.3	1.9	3.2	3.5	3.1	1.1	1.5	.6	.3
3633	Household laundry equipment . . . . .	3.1	4.7	2.1	4.0	1.3	2.2	.6	1.4	.1	.1
3634	Electric housewares and fans . . . . .	3.5	6.8	2.6	5.7	3.7	5.2	2.0	3.1	.7	.8
364	Electric lighting and wiring equipment . . . . .	4.3	4.3	3.4	3.6	3.1	3.4	1.6	2.0	.8	.6
3641	Electric lamps . . . . .	2.7	3.0	2.4	2.4	1.4	1.6	.8	.8	.2	.1
3642	Lighting fixtures . . . . .	5.1	4.6	3.5	3.9	4.1	4.2	1.9	2.1	1.5	1.1
3643,4	Wiring devices . . . . .	4.4	4.7	3.8	3.9	3.0	3.6	1.7	2.4	.6	.4
365	Radio and TV receiving sets . . . . .	3.8	7.5	3.0	6.0	3.4	4.8	1.8	2.9	.7	.3
366	Communication equipment . . . . .	3.4	3.5	2.7	2.7	1.9	2.3	1.2	1.3	.3	.3
3661	Telephone and telegraph apparatus . . . . .	(1)	2.7	(1)	2.4	(1)	1.6	(1)	1.0	(1)	(2)
3662	Radio and TV communication equipment . . . . .	3.7	3.8	2.9	2.7	2.2	2.6	1.4	1.5	.4	.4
367	Electronic components and accessories . . . . .	5.5	6.2	4.2	5.1	3.4	3.9	1.9	2.4	.6	.5
3671-3	Electron tubes . . . . .	3.8	3.9	2.9	2.7	2.0	2.8	1.4	1.7	.2	.4
3674,9	Electronic components, n.e.c. . . . .	5.9	6.9	4.6	5.8	3.7	4.2	2.1	2.6	.7	.5
369	Miscellaneous electrical equipment and supplies . . . . .	4.4	4.4	3.5	3.8	3.1	3.7	1.8	1.6	.6	.8
3694	Electrical equipment for engines . . . . .	4.7	3.6	3.5	2.9	2.9	3.3	1.8	1.3	.4	.4

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b>	4.5	4.7	3.3	3.5	3.7	4.0	1.2	1.5	1.5	1.4
371	Motor vehicles and equipment	(1)	4.4	(1)	3.1	(1)	3.6	(1)	1.3	(1)	1.1
3711	Motor vehicles	(1)	4.3	(1)	3.3	(1)	3.4	(1)	1.4	(1)	.8
3712	Passenger car bodies	(1)	6.5	(1)	4.0	(1)	4.5	(1)	.7	(1)	2.6
3713	Truck and bus bodies	(1)	4.0	(1)	2.8	(1)	5.8	(1)	2.2	(1)	2.5
3714	Motor vehicle parts and accessories	(1)	4.0	(1)	2.7	(1)	3.4	(1)	1.1	(1)	1.1
372	Aircraft and parts	3.8	3.7	3.3	3.1	2.1	2.3	1.1	1.4	.5	.4
3721	Aircraft	3.7	3.7	3.3	3.2	1.7	2.0	.9	1.2	.4	.3
3722	Aircraft engines and engine parts	3.0	2.8	2.4	2.1	2.0	2.4	.9	1.3	.5	.5
3723,9	Other aircraft parts and equipment	5.3	5.4	4.7	4.6	3.4	3.2	1.9	1.9	.6	.5
373	Ship and boat building and repairing	10.0	9.9	4.2	6.1	11.1	10.7	1.9	2.9	8.2	6.5
3731	Ship building and repairing	10.3	9.8	3.5	5.5	12.3	11.2	1.5	2.4	9.9	7.5
374	Railroad equipment	4.5	5.0	1.7	3.0	4.8	4.0	.9	1.4	3.1	1.3
375,9	Other transportation equipment	5.4	6.8	4.5	6.0	7.8	8.4	3.3	4.2	3.2	2.5
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	2.8	3.2	2.4	2.8	2.2	3.1	1.3	2.0	.3	.4
381	Engineering and scientific instruments	2.9	2.9	2.2	2.5	2.2	1.9	1.5	1.3	.4	.2
382	Mechanical measuring and control devices	3.0	3.1	2.3	2.6	2.2	2.8	1.3	1.6	.3	.5
3821	Mechanical measuring devices	2.5	2.6	2.3	2.4	2.0	2.4	1.2	1.5	.3	.3
3822	Automatic temperature controls	3.8	3.8	2.5	2.9	2.6	3.5	1.4	1.7	.3	.8
383,5	Optical and ophthalmic goods	2.9	3.7	2.6	3.1	2.5	3.2	1.5	2.0	.5	.3
384	Surgical, medical, and dental equipment	3.5	3.3	3.2	3.0	2.6	3.1	1.5	1.8	.3	.7
386	Photographic equipment and supplies	2.0	2.6	1.9	2.5	1.3	3.7	.8	3.1	.1	.2
387	Watches and clocks	3.0	5.3	2.1	4.2	3.4	4.9	1.8	2.8	.5	.7
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	4.5	6.3	3.6	5.3	5.9	5.7	2.4	3.3	2.5	1.2
391	Jewelry, silverware, and plated ware	3.2	4.9	3.0	4.4	2.7	4.0	1.7	2.8	.5	.5
394	Toys, amusement, and sporting goods	5.8	7.9	4.6	6.8	10.0	8.3	3.5	4.6	5.1	1.9
3941-3	Toys, games, dolls, and play vehicles	5.7	8.3	4.8	7.4	12.4	9.5	3.7	5.0	7.0	2.5
3949	Sporting and athletic goods, n.e.c.	5.9	7.1	4.0	5.4	4.8	5.6	2.9	3.7	1.0	.7
395	Pens, pencils, office and art materials	4.2	3.8	4.0	3.6	2.9	3.7	1.7	2.4	.7	.5
396	Cosume, jewelry, buttons, and notions	4.9	7.8	4.0	6.4	5.6	6.9	2.7	4.2	1.5	1.4
393,8,9	Other manufacturing industries	3.7	5.3	2.9	4.4	4.0	4.1	1.7	2.3	1.5	.8
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	5.1	6.8	3.5	4.8	6.7	7.9	2.2	3.2	3.9	3.9
201	Meat products	5.6	6.1	3.4	3.9	5.5	6.4	2.4	3.1	2.4	2.6
2011	Meat packing	4.8	4.7	1.6	1.7	4.8	5.2	1.0	1.2	3.2	3.5
2015	Poultry dressing and packing	9.6	11.5	8.9	10.4	8.4	10.9	6.7	8.8	.6	.9
204	Grain mill products	3.0	3.3	2.3	2.6	4.1	3.7	1.3	1.7	2.1	1.3
2041	Flour and other grain mill products	2.8	3.8	2.0	2.9	2.3	3.2	1.0	1.4	1.0	1.3
2042	Prepared feeds for animals and fowls	3.6	3.1	2.9	2.6	5.3	4.4	1.6	1.9	2.8	1.8
205	Bakery products	3.2	3.3	2.6	2.9	3.4	3.9	1.9	2.3	1.0	.9
2051	Bread, cake, and perishable products	2.8	3.0	2.5	2.8	2.9	3.6	1.9	2.3	.5	.7
2052	Biscuit, crackers, and pretzels	5.5	4.6	3.2	3.4	6.3	5.7	1.9	2.5	3.6	1.9
207	Confectionery and related products	4.5	8.3	3.5	6.5	6.3	7.0	2.9	3.9	2.7	2.3
2071	Candy and other confectionery products	5.2	9.4	4.0	7.3	6.9	8.0	3.3	4.4	2.8	2.7
208	Beverages	3.9	4.5	2.4	3.0	4.4	5.5	1.7	2.3	2.3	2.4
2082	Malt liquors	4.1	3.6	1.3	1.2	3.6	5.2	.6	.6	2.7	4.0
21	<b>TOBACCO MANUFACTURES</b>	3.7	4.7	1.2	3.1	10.7	8.1	1.1	1.6	9.3	6.0
211	Cigarettes	.4	.9	.3	.7	1.4	.9	.3	.4	.9	(2)
212	Cigars	2.8	4.1	2.2	3.0	3.2	4.3	2.2	3.2	.4	.6

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS . . . . .	3.9	4.6	3.1	3.8	3.8	4.2	2.3	2.9	0.8	0.5
221	Cotton broad woven fabrics . . . . .	3.5	4.3	2.8	3.5	3.1	3.8	2.3	2.9	.1	.1
222	Silk and synthetic broad woven fabrics . . . . .	3.8	4.4	3.1	3.6	3.3	3.6	2.3	2.7	.2	.2
223	Weaving and finishing broad woolens . . . . .	3.9	4.2	2.5	3.1	4.3	5.1	1.9	2.6	1.7	1.5
224	Narrow fabrics and smallwares . . . . .	3.0	4.3	2.5	3.6	3.0	4.1	1.9	3.0	.6	.4
225	Knitting . . . . .	3.7	4.6	2.9	3.8	4.5	4.7	2.2	3.0	1.7	1.0
2251	Women's full and knee length hosiery . . . . .	3.2	3.7	2.7	3.0	2.8	3.2	2.2	2.6	.2	.2
2252	Miscellaneous hosiery and socks . . . . .	3.1	4.1	2.6	3.6	4.0	3.9	2.3	2.7	1.3	.7
2254	Knit underwear . . . . .	3.2	3.8	2.4	3.0	2.6	3.3	2.0	2.5	.3	.4
226	Finishing textiles, except wool and knit . . . . .	3.4	3.5	2.7	2.7	2.7	2.9	1.7	2.0	.4	.3
227	Floor covering . . . . .	4.7	5.4	3.9	4.6	4.0	4.3	2.5	2.8	.8	.6
228	Yarn and thread . . . . .	5.4	6.3	4.3	5.1	4.8	5.4	3.5	4.0	.5	.4
229	Miscellaneous textile goods . . . . .	4.3	4.8	3.6	4.0	3.7	4.0	2.1	2.3	.7	.6
23	APPAREL AND RELATED PRODUCTS . . . . .	4.9	5.7	3.2	4.0	5.0	5.5	2.3	2.9	1.9	1.9
231	Men's and boys' suits and coats . . . . .	4.3	3.3	1.8	2.6	2.7	4.2	1.2	1.8	1.1	1.9
232	Men's and boys' furnishings . . . . .	4.4	5.1	3.3	4.0	4.4	4.9	3.0	3.6	.9	.7
2321	Men's and boys' shirts and nightwear . . . . .	4.1	4.9	3.1	3.7	4.4	4.7	3.1	3.6	.7	.5
2327	Men's and boys' separate trousers . . . . .	4.6	4.4	3.3	3.5	5.5	5.0	3.5	3.7	1.3	.6
2328	Work clothing . . . . .	4.9	5.5	3.9	4.6	4.0	5.0	3.2	3.9	.4	.6
234	Women's and children's undergarments . . . . .	3.7	5.5	2.9	4.1	3.9	4.8	2.2	3.2	1.0	.9
2341	Women's and children's underwear . . . . .	3.8	5.6	2.9	4.1	4.1	5.0	2.3	3.3	1.1	1.0
2342	Corsets and allied garments . . . . .	3.5	5.4	2.8	4.3	3.5	4.5	2.1	3.1	.8	.8
26	PAPER AND ALLIED PRODUCTS . . . . .	2.8	3.4	2.3	3.0	2.7	3.2	1.4	1.9	.6	.6
261,2,6	Paper and pulp . . . . .	1.6	1.8	1.3	1.5	1.4	1.7	.6	.9	.4	.3
263	Paperboard . . . . .	1.4	1.9	1.0	1.6	1.5	2.0	.8	1.1	.3	.2
264	Converted paper and paperboard products . . . . .	3.7	4.3	3.0	3.8	3.6	4.0	1.8	2.4	1.1	.8
2643	Bags, except textile bags . . . . .	4.6	5.2	3.3	4.1	4.8	4.8	2.0	2.8	1.7	1.0
265	Paperboard containers and boxes . . . . .	3.6	5.0	3.2	4.4	3.6	4.6	2.0	2.8	.7	.7
2651,2	Folding and setup paperboard boxes . . . . .	4.5	5.9	4.0	5.2	4.0	5.0	2.3	3.2	.8	.7
2653	Corrugated and solid fiber boxes . . . . .	3.2	4.7	2.9	4.5	3.4	4.3	2.1	2.7	.4	.4
	PRINTING, PUBLISHING, AND ALLIED INDUSTRIES . . . . .	3.0	3.4	2.4	2.9	2.9	3.2	1.5	1.8	.8	.8
28	CHEMICALS AND ALLIED PRODUCTS . . . . .	1.8	2.1	1.4	1.7	1.8	2.2	.7	1.0	.7	.6
281	Industrial chemicals . . . . .	1.1	1.2	.9	1.0	.9	1.1	.4	.6	.1	.1
282	Plastics and synthetics, except glass . . . . .	1.5	1.6	1.1	1.3	1.4	1.6	.6	.8	.4	.4
2821	Plastics and synthetics, except fibers . . . . .	1.7	1.8	1.5	1.6	1.3	1.7	.6	1.0	.2	.2
2823,4	Synthetic fibers . . . . .	1.3	1.5	.8	1.0	1.5	1.6	.6	.7	.5	.6
283	Drugs . . . . .	2.1	2.2	1.8	2.0	1.2	1.7	.7	1.1	.2	.3
2834	Pharmaceutical preparations . . . . .	2.3	2.6	2.0	2.3	1.3	1.8	.7	1.1	.3	.3
284	Soap, cleaners, and toilet goods . . . . .	2.8	3.6	1.9	3.0	4.9	4.0	1.3	1.8	2.8	1.3
2841	Soap and detergents . . . . .	2.2	2.5	.9	2.0	3.5	2.6	.5	.9	2.5	1.3
2844	Toilet preparations . . . . .	3.6	5.0	3.0	4.5	8.1	6.3	2.2	2.9	4.6	2.1
285	Paints, varnishes, and allied products . . . . .	1.7	1.9	1.6	1.7	2.1	3.1	1.0	1.4	.6	.6
286,9	Other chemical products . . . . .	2.9	3.1	2.3	2.3	1.8	2.9	.7	1.2	.7	1.1
29	PETROLEUM REFINING AND RELATED INDUSTRIES . . . . .	1.2	1.6	.9	1.4	1.9	2.1	.7	.9	.7	.7
291	Petroleum refining . . . . .	(1)	1.1	(1)	.9	(1)	1.3	(1)	.5	(1)	.4
295,9	Other petroleum and coal products . . . . .	(1)	3.7	(1)	3.3	(1)	5.2	(1)	2.2	(1)	2.0
30	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS . . . . .	4.4	4.9	3.5	4.0	4.0	4.5	2.1	2.5	.9	1.0
301	Tires and inner tubes . . . . .	1.7	1.8	1.2	1.3	1.3	1.4	.4	.5	.3	.2
302,3,6	Other rubber products . . . . .	4.3	4.3	3.1	3.4	3.7	3.9	2.0	2.1	1.0	.9
307	Miscellaneous plastics products . . . . .	5.9	7.0	5.1	6.0	5.6	6.7	3.2	3.9	1.2	1.4

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

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965	Nov. 1965	Oct. 1965
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS .....	6.0	5.5	4.5	4.3	4.8	5.2	3.0	3.5	1.0	1.0
311	Leather tanning and finishing .....	4.2	4.5	3.5	3.6	4.1	3.9	2.2	2.2	1.1	1.0
314	Footwear, except rubber .....	6.0	5.0	4.3	3.7	4.5	5.1	3.0	3.5	.7	.9
	<b>NONMANUFACTURING</b>										
10	METAL MINING .....	2.1	2.6	1.8	2.0	2.3	3.1	1.1	1.5	.7	.8
101	Iron ores .....	(1)	1.5	(1)	1.2	(1)	2.9	(1)	.5	(1)	1.9
102	Copper Ores .....	1.6	2.4	1.3	1.4	1.3	2.0	.6	1.1	.2	.1
11,12	COAL MINING .....	1.7	1.8	1.0	1.1	1.5	1.7	.6	.7	.4	.5
12	Bituminous .....	1.6	1.8	1.0	1.1	1.4	1.6	.6	.8	.3	.5
	<b>COMMUNICATION:</b>										
481	Telephone communication .....	(1)	1.8	-	-	(1)	1.7	(1)	1.2	(1)	.1
482	Telegraph communication <sup>3</sup> .....	(1)	1.9	-	-	(1)	2.0	(1)	.9	(1)	.6

<sup>1</sup> Not available.

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

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

NOTE: Data for the current month are preliminary.



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

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

(Per 100 employees)

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

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

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

Data for the current month are preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

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

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965
ALABAMA <sup>1</sup>	3.6	4.2	2.4	3.1	4.4	5.4	1.9	2.9	1.8	1.8
Birmingham	3.7	3.4	2.4	2.7	4.1	7.0	1.2	2.1	2.3	4.3
Mobile <sup>1</sup>	5.9	5.2	3.0	3.3	8.8	6.2	2.2	3.4	5.9	2.1
ALASKA	12.6	14.4	9.5	11.4	23.1	42.4	8.5	10.4	13.5	27.0
ARIZONA	6.4	8.1	4.9	6.7	3.8	5.5	2.0	3.3	.9	1.2
Phoenix	6.5	8.8	5.5	7.4	3.9	5.5	2.0	3.4	1.0	1.0
ARKANSAS	6.3	8.1	5.3	6.8	5.7	7.8	3.9	5.5	.9	1.2
Fort Smith	7.7	10.2	7.0	8.7	7.9	11.4	4.8	7.5	2.3	2.9
Little Rock-North Little Rock	6.2	8.1	5.2	6.8	5.0	7.1	3.5	5.1	.5	.6
Pine Bluff	5.0	6.9	4.6	5.8	3.9	6.4	3.2	4.6	.3	1.2
CALIFORNIA <sup>1</sup>	4.9	5.8	3.9	4.5	4.7	5.6	2.2	3.2	1.5	1.4
Anaheim-Santa Ana-Garden Grove <sup>1</sup>	4.3	4.7	3.5	3.8	4.2	5.1	2.2	3.0	.8	1.0
Los Angeles-Long Beach <sup>1</sup>	5.2	6.2	4.3	4.9	4.6	5.6	2.3	3.2	1.2	1.2
Sacramento <sup>1</sup>	2.6	4.2	1.7	2.5	3.9	4.4	1.2	2.1	2.2	1.6
San Bernardino-Riverside-Ontario <sup>1</sup>	4.3	4.9	3.5	4.1	4.2	5.0	1.8	3.2	1.3	.9
San Diego <sup>1</sup>	4.7	4.6	3.7	3.4	3.2	3.2	1.7	2.0	.8	.6
San Francisco-Oakland <sup>1</sup>	5.5	5.8	3.8	4.0	6.0	6.3	1.7	3.0	3.3	2.4
San Jose <sup>1</sup>	3.4	3.7	2.8	3.1	3.3	4.0	1.6	2.4	1.0	.9
Stockton <sup>1</sup>	4.9	7.0	3.6	5.6	6.4	6.5	2.2	3.2	3.3	2.4
COLORADO	8.3	5.1	4.0	4.0	4.6	5.8	1.9	3.9	2.0	1.2
CONNECTICUT	3.5	3.9	3.0	3.3	3.1	4.6	2.0	3.3	.4	.4
Bridgeport	3.3	4.4	3.0	3.7	2.7	4.3	1.6	3.0	.5	.6
Hartford	3.1	3.2	2.8	2.8	2.8	3.8	1.9	2.8	.2	.2
New Britain	3.4	3.3	3.0	2.8	2.6	4.6	1.5	3.0	.2	.2
New Haven	3.6	4.4	3.0	3.8	3.7	5.4	2.3	3.9	.4	.4
Stamford	2.9	3.6	2.6	3.3	3.2	3.3	2.3	2.6	.4	.2
Waterbury	2.9	3.5	2.0	2.5	2.5	4.1	1.4	3.0	.6	.4
DELAWARE <sup>1</sup>	2.6	8.0	2.2	2.8	2.2	3.9	1.1	2.3	.4	.8
Wilmington <sup>1</sup>	2.4	7.6	1.8	2.3	2.1	3.9	1.0	2.2	.3	.8
DISTRICT OF COLUMBIA: Washington SMSA	3.1	2.9	2.9	2.6	2.9	3.7	2.2	2.9	.3	.2
FLORIDA	6.7	7.5	4.7	5.5	5.0	5.0	2.9	3.2	1.2	1.0
Jacksonville	4.0	7.5	3.4	5.0	2.7	4.4	1.8	2.1	.3	1.1
Miami	5.9	7.5	4.6	6.2	4.5	6.0	2.6	3.5	1.0	1.4
Tampa-St. Petersburg	9.9	6.9	5.2	4.7	7.8	6.4	2.6	3.4	3.5	1.7
GEORGIA	4.7	7.3	3.9	4.4	4.3	5.5	2.8	3.8	.6	.8
Atlanta <sup>2</sup>	5.3	11.4	4.5	4.5	4.1	4.7	2.9	3.4	.4	.4
HAWAII <sup>3</sup>	2.5	3.8	2.0	3.2	3.0	4.0	1.7	2.0	.4	.
IDAHO <sup>4</sup>	4.6	5.7	4.1	5.4	6.0	8.3	3.1	6.3	2.0	1.2
ILLINOIS: Chicago	4.9	5.4	4.3	4.8	4.7	6.0	2.9	4.0	.7	
INDIANA <sup>1</sup>	4.0	4.7	3.2	3.5	4.0	5.3	2.2	3.5	.9	.9
Indianapolis <sup>5</sup>	3.6	3.9	2.9	3.2	3.6	4.7	2.1	3.1	.6	.8
IOWA	4.3	5.3	3.3	4.2	3.9	5.8	2.4	4.0	1.0	1.1
Cedar Rapids	5.0	5.3	3.8	3.7	4.3	5.0	2.9	3.2	.8	1.1
Des Moines	2.5	4.3	1.7	3.7	5.4	7.5	1.5	3.7	3.4	2.4

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965
KANSAS .....	4.3	5.1	3.3	3.9	3.7	4.8	2.0	3.1	1.0	0.9
Topeka .....	2.9	3.4	2.8	3.1	3.0	5.4	1.1	3.6	1.0	1.0
Wichita .....	3.9	5.0	2.8	3.6	3.1	3.8	2.0	2.5	.3	.5
KENTUCKY .....	3.6	4.9	2.5	3.4	3.7	4.5	1.6	2.6	1.4	1.2
Louisville .....	3.1	4.3	2.3	2.7	2.9	4.0	1.3	2.2	.8	.9
LOUISIANA .....	5.7	4.7	3.7	3.1	4.3	4.7	1.6	2.4	1.8	1.0
New Orleans <sup>6</sup> .....	4.8	5.3	2.9	2.7	5.0	6.1	1.7	2.1	1.9	1.6
MAINE .....	6.3	6.4	4.7	5.0	6.8	10.0	3.7	6.1	2.3	3.0
Portland .....	4.4	4.7	3.7	4.2	4.2	7.4	2.9	5.5	.8	1.3
MARYLAND .....	3.9	6.1	2.8	3.4	4.8	6.6	1.9	3.0	2.4	2.9
Baltimore .....	3.6	5.9	2.5	2.8	4.9	6.0	1.6	2.7	2.7	2.7
MASSACHUSETTS .....	4.3	5.8	3.5	4.3	3.9	5.6	2.3	3.8	.8	.8
Boston .....	3.8	5.4	3.0	3.7	3.9	4.8	2.0	3.2	1.0	.7
Fall River .....	4.3	6.3	3.4	4.7	4.5	6.6	1.9	3.6	1.9	2.4
New Bedford .....	5.1	5.9	3.8	4.7	4.0	6.5	2.3	4.2	.9	1.1
Springfield-Chicopee-Holyoke .....	5.0	5.8	4.4	5.1	4.6	5.9	2.8	4.3	.6	.5
Worcester .....	3.3	3.9	2.7	3.3	3.1	4.9	1.9	3.3	.7	.6
MICHIGAN .....	4.4	6.1	3.3	4.1	3.9	5.4	1.6	2.8	1.1	1.4
Detroit .....	4.0	5.6	3.1	2.1	3.8	5.3	1.5	2.5	.9	1.1
Grand Rapids .....	5.6	8.5	4.4	5.4	4.3	6.8	2.4	4.4	1.0	1.6
Kalamazoo .....	2.2	2.9	1.9	2.6	2.1	3.8	1.2	2.7	.2	.4
Lansing .....	6.4	7.3	5.5	6.0	4.0	3.5	1.5	1.5	1.1	.8
Muskegon-Muskegon Heights .....	3.3	5.1	2.0	3.1	3.3	4.9	1.9	3.5	.8	.5
Saginaw .....	4.5	4.5	2.2	2.4	4.3	6.7	1.1	2.4	2.2	3.4
MINNESOTA .....	5.1	6.2	3.5	4.6	5.3	7.2	2.3	4.8	2.3	1.7
Duluth-Superior .....	5.0	4.8	4.4	3.5	7.5	8.0	2.1	4.0	4.5	3.0
Minneapolis-St. Paul .....	4.3	5.0	3.2	3.7	3.5	5.2	1.9	3.5	.9	.9
MISSISSIPPI .....	5.5	6.9	4.6	5.7	4.7	6.1	3.1	4.2	.8	.9
Jackson .....	5.0	6.4	4.8	5.8	4.1	5.3	2.8	4.3	.6	.2
MISSOURI .....	3.9	4.8	3.1	3.7	3.8	4.7	2.0	2.9	1.1	1.0
Kansas City .....	4.5	5.0	3.7	3.6	3.7	4.5	2.0	2.9	.9	.9
St. Louis .....	3.1	4.3	2.5	3.4	3.7	4.4	1.6	2.6	1.3	.9
MONTANA <sup>4</sup> .....	3.8	7.0	3.6	6.1	6.3	8.9	3.2	6.2	1.2	1.5
NEBRASKA .....	5.7	4.6	3.3	3.8	4.8	5.2	2.6	3.7	1.6	.
NEVADA .....	3.6	6.6	3.4	5.8	6.2	7.8	3.4	4.1	1.9	2.7
NEW HAMPSHIRE .....	5.3	5.9	4.5	5.1	4.8	6.5	3.4	4.8	7	
NEW JERSEY:										
Jersey City .....	3.6	3.2	2.3	2.4	3.2	4.4	1.2	1.7	1.2	2.0
Paterson-Clifton-Passaic .....	3.7	4.0	3.1	3.4	3.4	4.5	1.8	2.6	.8	1.0
Perth Amboy .....	2.5	3.4	2.1	2.3	2.7	3.8	1.2	2.6	.8	.4
Trenton .....	4.1	3.8	2.0	2.6	3.0	4.7	1.2	2.1	1.2	1.8
NEW MEXICO .....	4.7	4.5	3.1	4.1	3.4	5.3	1.7	3.3	.7	1.2
Albuquerque .....	3.3	3.4	2.5	3.0	2.9	3.8	1.6	2.7	.6	.4
NEW YORK .....	4.5	5.2	3.4	3.6	4.4	4.9	1.9	2.7	1.7	1.4
Albany-Schenectady-Troy .....	2.6	3.1	1.9	2.2	2.8	3.9	1.2	2.0	.7	.7
Binghamton .....	3.1	3.7	2.6	3.0	2.1	3.3	1.5	2.3	.1	.1
Buffalo .....	2.9	6.4	2.1	2.3	4.0	4.5	1.1	2.6	2.3	1.3
Elmira .....	3.6	3.6	3.2	3.0	3.8	4.6	2.0	3.1	.7	.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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965
NEW YORK (continued)										
Nassau and Suffolk Counties <sup>7</sup> . . . . .	4.0	4.7	3.4	4.0	3.8	4.3	1.9	2.8	1.1	0.7
New York SMSA . . . . .	4.7	4.9	3.4	3.6	4.6	4.8	1.7	2.3	2.0	1.6
New York City <sup>7</sup> . . . . .	4.9	4.8	3.5	3.6	4.9	5.0	1.6	2.0	2.3	2.0
Rochester . . . . .	4.8	5.9	4.2	4.7	5.1	4.3	3.5	3.0	1.1	.7
Syracuse . . . . .	3.8	4.0	3.1	3.2	3.1	4.2	1.8	3.0	.5	.5
Utica-Rome . . . . .	4.7	4.3	3.7	3.3	3.5	4.6	1.5	2.5	.9	1.4
Westchester County <sup>7</sup> . . . . .	4.6	6.5	3.3	3.7	4.8	5.5	1.7	2.8	2.2	1.7
NORTH CAROLINA										
Charlotte . . . . .	5.2	6.8	4.7	6.3	4.4	5.8	3.4	4.8	.2	.2
Greensboro-High Point . . . . .	5.1	5.8	4.4	5.1	4.5	5.8	3.6	4.8	.1	.1
NORTH DAKOTA										
Fargo-Moorhead . . . . .	16.3	5.0	7.1	2.8	3.8	8.3	1.4	3.7	1.3	3.6
OHIO										
Akron . . . . .	2.5	3.2	1.8	2.6	1.8	3.1	1.0	1.7	.3	.8
Canton . . . . .	3.3	3.0	2.2	2.0	5.6	4.8	1.7	2.7	2.9	1.2
Cincinnati . . . . .	3.4	3.4	2.6	2.5	3.7	4.3	1.7	2.2	1.2	1.3
Cleveland . . . . .	3.2	5.9	2.6	3.2	3.8	4.9	1.6	3.2	1.4	.8
Columbus . . . . .	3.1	3.4	2.2	2.2	2.7	3.8	1.2	1.9	.9	1.0
Dayton . . . . .	3.7	5.1	3.0	3.1	2.7	3.4	1.3	2.1	.5	.6
Toledo . . . . .	3.6	4.6	2.7	3.4	3.6	5.2	1.3	2.8	1.3	1.2
Youngstown-Warren . . . . .	2.2	4.0	1.6	1.6	6.8	5.7	1.0	2.7	5.1	2.3
OKLAHOMA <sup>8</sup>										
Oklahoma City . . . . .	7.1	7.6	6.2	6.8	5.3	5.7	3.5	3.4	1.0	1.0
Tulsa <sup>8</sup> . . . . .	3.5	4.4	3.0	4.2	3.4	4.9	1.9	3.5	.7	.4
OREGON <sup>1</sup>										
Portland <sup>1</sup> . . . . .	6.5	6.4	5.5	5.7	5.3	7.8	2.6	5.0	2.1	1.9
PENNSYLVANIA										
Allentown-Bethlehem-Easton . . . . .	3.1	3.9	2.1	2.8	3.4	4.7	1.7	2.8	1.2	1.3
Altoona . . . . .	3.1	4.3	2.8	3.5	4.5	4.3	2.0	3.4	2.1	.6
Eric . . . . .	4.5	4.5	3.7	3.5	3.6	5.1	1.9	3.1	1.0	1.1
Harrisburg . . . . .	2.5	3.5	2.0	2.4	4.8	4.6	1.6	2.7	2.8	.8
Johnstown . . . . .	3.2	3.1	1.1	2.4	4.3	7.2	1.0	2.9	2.8	3.7
Lancaster . . . . .	3.2	3.7	3.0	3.4	3.1	4.2	2.1	3.3	.5	.4
Philadelphia . . . . .	3.2	3.6	2.3	2.7	3.1	4.3	1.4	2.3	1.0	1.1
Pittsburgh . . . . .	1.9	2.1	1.0	1.3	4.4	4.5	.6	1.9	2.9	1.9
Reading . . . . .	4.4	4.5	3.4	3.3	3.5	4.1	2.2	3.0	.6	.6
Scranton . . . . .	4.1	4.9	2.9	3.5	4.6	4.5	1.9	2.4	2.1	1.5
Wilkes-Barre-Hazleton . . . . .	4.0	4.2	2.5	2.9	4.4	4.7	1.6	2.3	2.2	1.6
York . . . . .	6.1	7.8	4.9	5.1	4.7	6.5	3.4	4.6	.9	1.3
RHODE ISLAND										
Providence-Pawtucket-Warwick . . . . .	6.0	7.3	4.9	6.0	5.1	7.8	3.3	5.5	.8	1.2
SOUTH CAROLINA <sup>9</sup>										
Charleston . . . . .	6.7	5.7	5.3	4.7	4.2	5.9	3.0	3.5	.6	1.5
Greenville . . . . .	(10)	5.7	(10)	5.0	(10)	5.1	(10)	4.3	(10)	.1
SOUTH DAKOTA										
Sioux Falls . . . . .	5.7	5.1	2.6	2.2	6.3	6.4	2.1	3.1	4.0	3.0
TENNESSEE <sup>9</sup>										
Chattanooga <sup>6</sup> . . . . .	4.2	3.6	3.9	3.1	3.4	4.1	2.3	2.8	.5	.6
Knoxville . . . . .	2.2	3.7	1.9	2.4	1.7	3.6	1.2	2.2	.2	.3
Memphis . . . . .	5.5	5.7	4.8	4.1	4.7	6.2	2.6	3.7	1.0	1.3
Nashville . . . . .	4.3	4.5	3.8	3.6	3.3	3.9	2.3	3.1	.5	.3
TEXAS <sup>11</sup>										
Dallas <sup>11</sup> . . . . .	5.0	4.1	4.5	3.7	3.5	4.9	2.3	3.4	.3	.7
Fort Worth <sup>11</sup> . . . . .	4.1	9.5	3.3	2.9	3.8	4.5	2.2	3.1	1.1	1.0
Houston <sup>11</sup> . . . . .	3.6	3.3	2.4	2.8	2.8	4.5	1.8	3.3	.4	.5
San Antonio <sup>11</sup> . . . . .	3.6	2.7	2.9	2.3	3.6	3.5	2.0	2.0	.4	.9

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	
	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965	Oct. 1965	Sept. 1965
UTAH <sup>4</sup> .....	3.4	4.4	2.6	3.1	4.6	6.6	2.0	3.5	2.1	2.2
Salt Lake City <sup>4</sup> .....	3.4	3.9	2.7	3.3	3.1	5.2	2.2	3.2	.5	1.2
VERMONT .....	4.5	5.1	3.7	4.3	3.1	5.2	2.3	4.2	.2	.3
Burlington .....	8.6	6.7	6.9	5.4	2.9	5.9	2.1	4.1	.1	1.4
Springfield .....	2.3	2.3	1.8	2.1	1.5	3.6	1.1	3.2	(12)	.1
VIRGINIA .....	3.9	5.0	3.1	3.8	3.6	4.3	2.1	3.0	.8	.6
Norfolk-Portsmouth .....	3.4	5.1	2.6	3.5	3.5	4.3	1.5	2.1	1.4	1.5
Richmond .....	3.5	4.9	3.3	4.3	3.9	4.2	2.4	3.2	.8	.2
Roanoke .....	3.9	6.1	3.3	5.0	3.8	4.6	2.2	3.5	.8	.2
WASHINGTON <sup>13</sup> .....	5.6	5.5	4.3	4.8	5.2	6.7	2.5	4.4	1.6	1.3
Seattle-Everett <sup>13</sup> .....	5.7	5.5	4.4	4.8	4.6	5.3	2.3	3.3	1.1	1.1
Spokane <sup>13</sup> .....	3.9	4.3	2.6	3.3	4.2	7.9	1.1	4.0	2.5	3.1
Tacoma <sup>13</sup> .....	5.4	6.1	4.2	5.6	6.0	7.6	2.9	5.1	2.2	1.3
WEST VIRGINIA .....	2.7	4.1	1.7	2.1	3.1	3.5	1.1	2.0	1.3	.8
Charleston .....	2.1	2.0	.8	1.0	.8	1.9	.4	1.3	.1	.2
Huntington-Ashland .....	1.6	2.0	1.1	1.5	3.1	3.6	.9	2.1	1.8	1.0
Wheeling .....	3.4	3.9	2.0	1.6	4.9	2.5	.7	1.2	3.3	.7
WISCONSIN .....	3.7	5.0	2.9	3.9	4.4	7.0	2.2	4.8	1.4	1.4
Green Bay .....	2.4	5.6	2.2	5.3	3.1	6.8	2.1	5.4	.5	.9
Kenosha .....	3.2	6.9	1.0	1.2	3.1	4.1	1.0	1.7	1.5	1.3
La Crosse .....	4.6	3.9	2.8	3.1	4.3	6.5	1.3	2.8	2.0	2.9
Madison .....	3.3	5.3	2.4	4.0	4.3	4.6	2.5	3.4	1.1	.7
Milwaukee .....	3.5	3.9	2.8	3.0	3.5	5.1	1.9	3.6	.7	.6
Racine .....	4.1	5.2	3.8	4.8	4.0	5.8	2.5	4.7	.5	.2
WYOMING <sup>4</sup> .....	2.9	4.3	2.4	3.5	5.5	7.4	3.1	4.4	1.1	1.5

<sup>1</sup> Excludes canning and preserving.  
<sup>2</sup> Excludes agricultural chemicals and miscellaneous manufacturing.  
<sup>3</sup> Excludes canned fruits, vegetables, preserves, jams, and jellies.  
<sup>4</sup> Excludes canning and preserving, and sugar.  
<sup>5</sup> Excludes canning and preserving, and newspapers.  
<sup>6</sup> Excludes printing and publishing.  
<sup>7</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>8</sup> Excludes new-hire rate for transportation equipment.  
<sup>9</sup> Excludes tobacco stemming and redrying.  
<sup>10</sup> Not available.  
<sup>11</sup> Excludes canning and preserving, sugar, and tobacco.  
<sup>12</sup> Less than 0.05.  
<sup>13</sup> Excludes canning and preserving, printing and publishing.  
NOTE: Data for the current month are preliminary.  
SOURCE: Cooperating State agencies listed on inside back cover.

# ANNUAL AVERAGES

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# HOUSEHOLD DATA ANNUAL AVERAGES

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

Employment status	(In thousands)								
	Total			Male			Female		
	1965	1964	1963	1965	1964	1963	1965	1964	1963
Total . . . . .	136,241	134,143	132,124	66,027	65,065	64,163	70,215	69,079	67,962
Total labor force . . . . .	78,357	76,971	75,712	51,705	51,118	50,573	26,653	25,854	25,141
Civilian labor force . . . . .	75,635	74,233	72,975	49,014	48,410	47,867	26,621	25,823	25,109
Employed . . . . .	72,179	70,357	68,809	47,034	46,139	45,330	25,145	24,218	23,479
Agriculture . . . . .	4,585	4,761	4,946	3,729	3,884	4,021	856	877	925
Nonagricultural industries . . . . .	67,594	65,596	63,863	43,304	42,255	41,309	24,289	23,341	22,554
Unemployed . . . . .	3,456	3,876	4,166	1,980	2,271	2,537	1,476	1,605	1,629
Looking for full-time work . . . . .	2,817	3,201	3,536	1,655	1,933	2,222	1,162	1,268	1,313
Looking for part-time work . . . . .	639	676	631	325	339	315	314	337	316
Not in labor force . . . . .	57,884	57,172	56,412	14,322	13,947	13,590	43,562	43,225	42,822

Table A-2: Unemployed persons, by age and sex

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	1965	1964	1963	1965	1964	1963	1965	1964	1963
Total . . . . .	3,456	3,876	4,166	4.6	5.2	5.7	100.0	100.0	100.0
Male . . . . .	1,980	2,271	2,537	4.0	4.7	5.3	57.3	58.6	60.9
14 to 19 years . . . . .	545	553	566	13.1	14.5	15.5	15.8	14.3	13.6
14 and 15 years . . . . .	66	66	65	8.6	9.0	8.8	1.9	1.7	1.6
16 to 19 years . . . . .	479	487	500	14.1	15.8	17.2	13.9	12.6	12.0
20 to 24 years . . . . .	311	384	396	6.3	8.1	8.8	9.0	9.9	9.5
25 to 34 years . . . . .	293	345	444	3.0	3.5	4.5	8.5	8.9	10.7
35 to 44 years . . . . .	284	323	386	2.6	2.9	3.5	8.2	8.3	9.3
45 to 54 years . . . . .	253	319	358	2.5	3.2	3.6	7.3	8.2	8.6
55 to 64 years . . . . .	221	262	289	3.3	3.9	4.3	6.4	6.8	6.9
65 years and over . . . . .	75	85	97	3.5	4.0	4.5	2.2	2.2	2.3
Female . . . . .	1,476	1,605	1,629	5.5	6.2	6.5	42.7	41.4	39.1
14 to 19 years . . . . .	420	409	413	14.3	15.0	15.7	12.1	10.6	9.9
14 and 15 years . . . . .	24	24	31	5.7	5.9	7.6	.7	.6	.7
16 to 19 years . . . . .	395	386	383	15.7	16.7	17.2	11.4	10.0	9.2
20 to 24 years . . . . .	246	276	262	7.3	8.6	8.9	7.1	7.1	6.3
25 to 34 years . . . . .	236	262	286	5.5	6.3	6.9	6.8	6.8	6.9
35 to 44 years . . . . .	263	281	287	4.6	5.0	5.1	7.6	7.2	6.9
45 to 54 years . . . . .	183	223	231	3.2	3.9	4.2	5.3	5.8	5.5
55 to 64 years . . . . .	101	122	120	2.8	3.5	3.6	2.9	3.1	2.9
65 years and over . . . . .	27	33	29	2.8	3.4	3.2	.8	.9	.7

Table A-3: Unemployed persons, by industry of last job

Industry	Unemployment rate			Percent distribution		
	1965	1964	1963	1965	1964	1963
Total . . . . .	4.6	5.2	5.7	100.0	100.0	100.0
Experienced wage and salary workers . . . . .	4.2	5.0	5.5	79.5	81.4	82.5
Agriculture . . . . .	7.3	9.3	8.9	3.4	4.2	3.9
Nonagricultural industries . . . . .	4.2	4.8	5.4	76.1	77.2	78.5
Mining, forestry, fisheries . . . . .	5.5	7.6	7.5	1.0	1.3	1.2
Construction . . . . .	9.0	9.9	11.9	10.9	10.5	11.4
Manufacturing . . . . .	4.0	4.9	5.7	22.5	24.4	25.6
Durable goods . . . . .	3.4	4.7	5.4	11.1	12.9	13.8
Nondurable goods . . . . .	4.6	5.3	6.0	11.4	11.5	11.8
Transportation and public utilities . . . . .	2.7	3.3	3.9	3.7	3.9	4.3
Wholesale and retail trade . . . . .	5.0	5.7	6.2	17.1	16.9	16.7
Finance, insurance, and real estate . . . . .	2.3	2.5	2.7	2.1	2.0	1.9
Service industries . . . . .	3.8	4.1	4.4	16.8	16.0	15.2
Public administration . . . . .	1.9	2.3	2.5	2.1	2.2	2.2
Self-employed and unpaid family workers . . . . .	.9	1.0	1.1	2.7	2.7	2.7
No previous work experience . . . . .	-	-	-	17.7	16.0	14.8
14 to 19 years . . . . .	-	-	-	14.6	12.5	11.7
20 years and over . . . . .	-	-	-	3.1	3.4	3.1

## HOUSEHOLD DATA ANNUAL AVERAGES

**Table A-4: Unemployed persons, by occupation of last job**

Occupation	Unemployment rate			Percent distribution		
	1965	1964	1963	1965	1964	1963
Total .....	4.6	5.2	5.7	100.0	100.0	100.0
White-collar workers .....	2.3	2.6	2.8	21.8	21.2	21.2
Professional and technical .....	1.5	1.7	1.8	3.8	3.9	3.7
Managers, officials, and proprietors .....	1.1	1.4	1.5	2.4	2.7	2.6
Clerical workers .....	3.2	3.7	4.0	10.8	10.6	10.4
Sales workers .....	3.3	3.4	4.2	4.7	4.0	4.5
Blue-collar workers .....	5.3	6.3	7.2	42.5	44.4	46.8
Craftsmen and foremen .....	3.6	4.2	4.8	9.9	10.1	10.9
Operatives .....	5.5	6.5	7.4	22.4	23.3	24.1
Nonfarm laborers .....	8.4	10.6	12.1	10.2	11.0	11.8
Service workers .....	5.2	5.8	6.0	14.8	14.7	13.8
Private household workers .....	4.2	4.9	5.2	2.9	3.1	3.0
Other service workers .....	5.5	6.1	6.2	11.9	11.6	10.8
Farm workers .....	2.6	3.1	3.0	3.3	3.7	3.4
Farmers and farm managers .....	.4	.5	.5	.3	.3	.3
Farm laborers and foremen .....	4.8	5.8	5.5	3.0	3.4	3.1
No previous work experience .....	-	-	-	17.7	16.0	14.8

**Table A-5: Unemployed persons, by color, marital status, and household relationship**

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	1965	1964	1963	1965	1964	1963	1965	1964	1963
<b>COLOR</b>									
Total .....	3,456	3,876	4,166	4.6	5.2	5.7	100.0	100.0	100.0
White, total .....	2,754	3,064	3,281	4.1	4.6	5.1	79.7	79.1	78.8
Male .....	1,603	1,829	2,028	3.6	4.2	4.7	46.4	47.2	48.7
Female .....	1,152	1,235	1,253	5.0	5.5	5.8	33.3	31.9	30.1
Nonwhite, total .....	702	812	885	8.3	9.8	10.9	20.3	20.9	21.2
Male .....	377	443	509	7.6	9.1	10.6	10.9	11.4	12.2
Female .....	324	369	376	9.3	10.8	11.3	9.4	9.5	9.0
<b>MARITAL STATUS</b>									
Total .....	3,456	3,876	4,166	4.6	5.2	5.7	100.0	100.0	100.0
Male .....	1,980	2,271	2,537	4.0	4.7	5.3	57.3	58.6	60.9
Married, wife present .....	883	1,039	1,235	2.4	2.8	3.4	25.6	26.8	29.6
Single .....	909	1,006	1,058	10.1	11.5	12.4	26.3	26.0	25.4
14 to 19 years .....	528	538	552	13.4	14.9	15.9	15.3	13.9	13.3
20 years and over .....	381	469	506	7.6	9.1	10.0	11.0	12.1	12.1
Other marital status .....	187	226	243	7.2	8.9	9.6	5.4	5.8	5.8
Female .....	1,476	1,605	1,629	5.5	6.2	6.5	42.7	41.4	39.1
Married, husband present .....	664	727	743	4.5	5.1	5.4	19.2	18.8	17.8
Single .....	522	538	534	8.2	8.7	8.9	15.1	13.9	12.8
14 to 19 years .....	359	356	350	13.9	14.8	15.2	10.4	9.2	8.4
20 years and over .....	163	181	184	4.3	4.8	5.0	4.7	4.7	4.4
Other marital status .....	289	340	353	5.4	6.4	6.7	8.4	8.8	8.5
<b>HOUSEHOLD RELATIONSHIP</b>									
Total .....	3,456	3,876	4,166	4.6	5.2	5.7	100.0	100.0	100.0
Household head .....	1,257	1,462	1,645	2.8	3.2	3.7	36.4	37.7	39.5
Living with relatives .....	1,023	1,186	1,382	2.5	3.0	3.5	29.6	30.6	33.2
Not living with relatives .....	233	277	263	4.4	5.4	5.4	6.7	7.1	6.3
Wife of head .....	641	699	716	4.4	5.0	5.3	18.6	18.0	17.2
Other relative of head .....	1,485	1,623	1,699	10.6	11.8	12.7	43.0	41.9	40.8
Non-relative of head .....	71	92	105	5.1	6.4	6.7	2.1	2.4	2.5



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**Table A-6: Unemployed persons, by duration of unemployment**

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	1965	1964	1963	1965	1964	1963		1965	1964	1963	1965	1964	1963
<b>Total</b> . . . . .	<b>3,456</b>	<b>3,876</b>	<b>4,166</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>Total</b> . . . . .	<b>3,456</b>	<b>3,876</b>	<b>4,166</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than 5 weeks . . . . .	1,718	1,787	1,847	49.7	46.1	44.3	Persons on temporary layoff . . . . .	108	109	116	3.1	2.8	2.8
5 to 14 weeks . . . . .	983	1,116	1,231	28.5	28.8	29.5							
5 and 6 weeks . . . . .	286	314	358	8.3	8.1	8.6	Persons scheduled to begin new jobs within 30 days.	138	137	138	4.0	3.5	3.3
7 to 10 weeks . . . . .	422	483	519	12.2	12.5	12.5							
11 to 14 weeks . . . . .	276	319	354	8.0	8.2	8.5							
15 weeks and over . . . . .	755	973	1,088	21.8	25.1	26.1	All other unemployed . . .	3,210	3,630	3,912	92.9	93.7	93.9
15 to 26 weeks . . . . .	404	490	535	11.7	12.6	12.8							
27 weeks and over . . . . .	351	482	553	10.2	12.4	13.3							
Average (mean) duration . . .	11.8	13.3	14.0	-	-	-							

**Table A-7: 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		
	1965	1964	1965	1964	1965	1964	1965	1964	
<b>INDUSTRY</b>									
<b>Total</b> . . . . .	21.8	25.1	100.0	100.0	10.2	12.4	100.0	100.0	100.0
Experienced wage and salary workers . . . . .	22.8	26.0	83.1	84.3	10.5	12.8	82.6	83.8	85.9
Agriculture . . . . .	20.5	17.3	3.2	2.9	8.5	7.4	2.8	2.5	2.1
Nonagricultural industries . . . . .	22.9	26.5	79.9	81.4	10.6	13.1	79.8	81.3	83.8
Mining, forestry, fisheries . . . . .	(1)	(1)	1.3	2.3	(1)	(1)	2.0	3.5	.8
Construction . . . . .	21.2	22.0	10.6	9.2	6.3	9.1	6.8	7.7	5.6
Manufacturing . . . . .	24.4	29.6	25.2	28.6	12.0	15.0	26.5	29.5	26.0
Durable goods . . . . .	26.0	31.9	13.3	16.5	13.0	16.8	14.2	17.5	14.8
Nondurable goods . . . . .	22.8	26.6	12.0	12.1	10.9	13.1	12.3	12.1	11.2
Transportation and public utilities . . . . .	28.3	28.3	4.8	4.4	15.7	15.8	5.7	5.0	6.1
Wholesale and retail trade . . . . .	21.7	24.7	17.0	16.7	10.5	11.5	17.7	15.6	15.7
Finance, insurance, and real estate, and service industries . . . . .	21.8	24.0	18.9	17.2	10.0	11.9	18.5	17.3	24.5
Public administration . . . . .	22.2	34.5	2.1	3.1	12.5	14.9	2.6	2.7	5.1
Self-employed and unpaid family workers . . . . .	24.5	28.2	3.1	3.0	17.0	14.6	4.6	3.1	13.2
No previous work experience . . . . .	17.0	20.0	13.8	12.8	7.4	10.2	12.8	13.1	.8
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	21.8	25.1	100.0	100.0	10.2	12.4	100.0	100.0	100.0
White-collar workers . . . . .	21.9	27.5	21.9	23.3	11.0	13.3	23.6	22.7	43.4
Professional and technical . . . . .	20.1	24.5	3.6	3.8	11.2	10.6	4.3	3.3	11.9
Managers, officials, and proprietors . . . . .	32.1	32.7	3.6	3.5	17.9	18.3	4.3	4.0	9.8
Clerical workers . . . . .	20.8	29.0	10.3	12.3	9.9	13.2	10.5	11.2	15.3
Sales workers . . . . .	20.4	23.1	4.4	3.7	9.9	12.8	4.5	4.2	6.4
Blue-collar workers . . . . .	23.4	26.4	45.6	46.8	10.3	13.0	43.2	46.6	36.9
Craftsmen and foremen . . . . .	23.9	26.4	10.9	10.6	11.1	12.3	10.8	10.0	12.6
Operatives . . . . .	23.6	26.4	24.3	24.6	10.3	13.5	22.7	25.4	18.7
Nonfarm laborers . . . . .	22.4	26.2	10.5	11.5	9.7	12.6	9.7	11.2	5.6
Service workers . . . . .	23.0	24.7	15.5	14.5	12.0	12.8	17.3	15.2	13.0
Private household workers . . . . .	23.5	20.0	3.1	2.5	12.2	9.2	3.4	2.3	3.1
Other service workers . . . . .	22.9	25.9	12.5	12.0	11.9	13.7	13.9	12.9	9.9
Farm workers . . . . .	21.2	18.3	3.2	2.7	9.7	8.5	3.1	2.5	5.8
Farmers and farm managers . . . . .	(1)	(1)	.5	.4	(1)	(1)	1.1	.4	3.0
Farm laborers and foremen . . . . .	19.4	16.8	2.7	2.3	6.8	7.6	2.0	2.1	2.8
No previous work experience . . . . .	17.0	20.0	13.8	12.8	7.4	10.2	12.8	13.1	.8

<sup>1</sup>Percent not shown where base is less than 50,000.

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**Table A-8: 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		
	1965	1964	1965	1964	1965	1964	1965	1964	
<b>AGE</b>									
Total . . . . .	21.8	25.1	100.0	100.0	10.2	12.4	100.0	100.0	100.0
Male . . . . .	23.2	26.7	60.8	62.3	11.5	13.8	65.0	64.8	64.8
14 to 19 years . . . . .	14.7	17.2	10.6	9.8	5.9	7.8	9.1	8.8	5.5
20 to 24 years . . . . .	16.4	19.3	6.8	7.6	7.4	8.1	6.6	6.4	6.5
25 to 44 years . . . . .	24.0	26.0	18.3	17.9	11.7	11.7	19.1	16.0	27.8
45 years and over . . . . .	34.6	39.5	25.2	27.1	19.3	24.5	30.2	33.5	25.0
Female . . . . .	20.0	22.7	39.2	37.7	8.3	10.5	35.0	35.2	35.2
14 to 19 years . . . . .	14.8	14.4	8.2	6.1	4.3	5.9	5.1	4.9	3.9
20 to 24 years . . . . .	15.0	20.7	4.9	5.9	5.7	9.8	4.0	5.6	4.4
25 to 44 years . . . . .	21.2	24.9	14.0	13.9	9.6	10.9	13.7	12.1	13.3
45 years and over . . . . .	29.3	30.6	12.1	11.8	13.8	16.2	12.3	12.6	13.6
<b>COLOR</b>									
Total . . . . .	21.8	25.1	100.0	100.0	10.2	12.4	100.0	100.0	100.0
White, total . . . . .	21.1	24.4	77.1	77.1	9.5	11.8	74.6	74.7	88.8
Male . . . . .	22.5	26.1	47.9	49.2	10.9	13.2	49.6	50.2	58.3
Female . . . . .	19.1	21.9	29.2	27.9	7.6	9.6	25.1	24.5	30.6
Nonwhite, total . . . . .	24.6	27.6	22.9	22.9	12.7	14.9	25.4	25.3	11.2
Male . . . . .	26.0	29.1	13.0	13.3	14.3	16.0	15.4	14.7	6.5
Female . . . . .	23.1	25.5	9.9	9.7	10.8	13.8	10.0	10.6	4.6
<b>MARITAL STATUS</b>									
Total . . . . .	21.8	25.1	100.0	100.0	10.2	12.4	100.0	100.0	100.0
Male . . . . .	23.2	26.7	60.8	62.3	11.5	13.8	65.0	64.8	64.8
Married, wife present . . . . .	26.0	29.3	30.5	31.3	13.5	14.7	33.8	31.7	49.5
Single . . . . .	18.8	21.5	22.6	22.2	8.8	10.4	22.7	21.6	11.9
14 to 19 years . . . . .	14.8	17.3	10.3	9.6	6.1	7.8	9.1	8.7	5.2
20 years and over . . . . .	24.4	26.2	12.3	12.7	12.6	13.2	13.6	12.9	6.6
Other marital status . . . . .	31.0	38.5	7.7	9.0	16.0	24.3	8.5	11.4	3.5
Female . . . . .	20.0	22.7	39.2	37.7	8.3	10.5	35.0	35.2	35.2
Married, husband present . . . . .	19.6	23.5	17.2	17.6	7.7	10.0	14.5	15.1	19.6
Single . . . . .	16.1	19.3	11.3	10.7	5.9	8.9	8.8	10.2	8.5
14 to 19 years . . . . .	15.0	14.6	7.2	5.3	4.2	5.9	4.3	4.4	3.4
20 years and over . . . . .	19.0	28.7	4.1	5.3	9.8	15.5	4.5	5.8	5.0
Other marital status . . . . .	28.0	26.5	10.7	9.3	14.2	14.1	11.6	10.0	7.1

**Table A-9: 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		
	1965	1964	1963	1965	1964	1963	1965	1964	1963
Total . . . . .	2,817	3,201	3,536	639	676	631	18.5	17.4	15.1
Male . . . . .	1,655	1,933	2,222	325	339	315	16.4	14.9	12.4
14 to 19 years . . . . .	305	323	361	240	230	202	44.0	41.6	35.9
Major activity:									
Going to school . . . . .	47	52	51	182	171	150	79.5	76.7	74.6
All other . . . . .	258	271	312	58	59	54	18.4	17.9	14.7
20 to 24 years . . . . .	280	350	365	31	34	31	10.0	8.9	7.8
25 to 54 years . . . . .	811	961	1,163	19	25	28	2.3	2.5	2.4
55 years and over . . . . .	260	298	334	36	49	52	12.2	14.1	13.5
Female . . . . .	1,162	1,268	1,313	314	337	316	21.3	21.0	19.4
14 to 19 years . . . . .	285	273	285	135	137	130	32.1	33.4	31.3
Major activity:									
Going to school . . . . .	51	41	42	96	91	86	65.3	68.9	67.2
All other . . . . .	234	231	243	39	45	45	14.3	16.3	15.6
20 to 24 years . . . . .	211	241	228	35	35	34	14.2	12.7	13.0
25 to 54 years . . . . .	570	636	683	113	129	121	16.5	16.9	15.0
55 years and over . . . . .	97	118	117	31	35	31	24.2	22.9	20.9

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**Table A-10: Total labor force, by age and sex**

Age and sex	Thousands of persons			Labor force participation rate		
	1965	1964	1963	1965	1964	1963
<b>Total</b> . . . . .	<b>78,357</b>	<b>76,971</b>	<b>75,712</b>	<b>57.5</b>	<b>57.4</b>	<b>57.3</b>
<b>Male</b> . . . . .	<b>51,705</b>	<b>51,118</b>	<b>50,573</b>	<b>78.3</b>	<b>78.6</b>	<b>78.8</b>
14 to 19 years . . . . .	4,591	4,307	4,142	44.5	43.6	43.5
14 and 15 years . . . . .	759	731	738	21.4	20.8	20.9
16 and 17 years . . . . .	1,577	1,549	1,372	44.6	43.6	42.7
18 and 19 years . . . . .	2,254	2,026	2,034	70.0	72.0	73.1
20 to 24 years . . . . .	5,926	5,704	5,471	88.0	88.2	88.3
25 to 34 years . . . . .	10,653	10,636	10,635	97.4	97.5	97.3
35 to 44 years . . . . .	11,504	11,559	11,589	97.4	97.4	97.6
45 to 54 years . . . . .	10,131	10,043	9,923	95.6	95.8	95.8
55 to 64 years . . . . .	6,768	6,745	6,679	84.7	85.6	86.2
55 to 59 years . . . . .	3,929	3,914	3,865	90.2	91.1	91.3
60 to 64 years . . . . .	2,839	2,831	2,814	78.0	79.1	80.1
65 years and over . . . . .	2,131	2,123	2,135	27.9	28.0	28.4
<b>Female</b> . . . . .	<b>26,653</b>	<b>25,854</b>	<b>25,141</b>	<b>38.0</b>	<b>37.4</b>	<b>37.0</b>
14 to 19 years . . . . .	2,940	2,732	2,643	29.2	28.3	28.4
14 and 15 years . . . . .	421	411	405	12.2	12.0	11.8
16 and 17 years . . . . .	954	950	850	27.7	27.4	27.1
18 and 19 years . . . . .	1,565	1,371	1,388	49.4	49.3	50.6
20 to 24 years . . . . .	3,375	3,220	2,970	50.0	49.5	47.6
25 to 34 years . . . . .	4,326	4,187	4,181	38.6	37.3	37.2
35 to 44 years . . . . .	5,734	5,618	5,604	46.1	45.0	44.9
45 to 54 years . . . . .	5,714	5,682	5,505	50.9	51.4	50.6
55 to 64 years . . . . .	3,587	3,447	3,332	41.1	40.2	39.7
55 to 59 years . . . . .	2,209	2,132	2,054	47.1	46.4	45.6
60 to 64 years . . . . .	1,378	1,315	1,278	34.0	33.1	32.9
65 years and over . . . . .	976	966	905	10.0	10.1	9.6

**Table A-11: Employed persons, by age and sex**

Age and sex	(In thousands)					
	Male			Female		
	1965	1964	1963	1965	1964	1963
<b>All industries</b> . . . . .	<b>47,034</b>	<b>46,139</b>	<b>45,330</b>	<b>25,145</b>	<b>24,218</b>	<b>23,479</b>
14 to 19 years . . . . .	3,612	3,253	3,079	2,515	2,316	2,223
20 to 24 years . . . . .	4,583	4,370	4,118	3,119	2,934	2,697
25 to 34 years . . . . .	9,611	9,531	9,431	4,093	3,918	3,888
35 to 44 years . . . . .	10,837	10,832	10,801	5,457	5,335	5,313
45 to 54 years . . . . .	9,792	9,637	9,479	5,528	5,457	5,272
55 to 64 years . . . . .	6,542	6,477	6,385	3,486	3,326	3,211
65 years and over . . . . .	2,057	2,039	2,039	948	934	877
<b>Nonagricultural industries</b> . . . . .	<b>43,304</b>	<b>42,255</b>	<b>41,309</b>	<b>24,289</b>	<b>23,341</b>	<b>22,554</b>
14 to 19 years . . . . .	3,057	2,672	2,486	2,407	2,195	2,096
20 to 24 years . . . . .	4,329	4,084	3,834	3,071	2,883	2,638
25 to 34 years . . . . .	9,165	9,058	8,917	3,984	3,786	3,746
35 to 44 years . . . . .	10,218	10,181	10,107	5,280	5,155	5,128
45 to 54 years . . . . .	9,048	8,906	8,732	5,318	5,258	5,073
55 to 64 years . . . . .	5,869	5,788	5,666	3,339	3,195	3,055
65 years and over . . . . .	1,618	1,566	1,568	890	869	817
<b>Agriculture</b> . . . . .	<b>3,729</b>	<b>3,884</b>	<b>4,021</b>	<b>856</b>	<b>877</b>	<b>925</b>
14 to 19 years . . . . .	555	581	593	108	121	127
20 to 24 years . . . . .	254	286	284	48	50	59
25 to 34 years . . . . .	446	471	513	108	131	141
35 to 44 years . . . . .	619	650	694	177	179	186
45 to 54 years . . . . .	744	732	747	210	200	198
55 to 64 years . . . . .	673	690	719	147	131	155
65 years and over . . . . .	438	474	470	58	66	59

**Table A-12: Employed persons, by class of worker and occupation**

Characteristics	(In thousands)								
	Total			Male			Female		
	1965	1964	1963	1965	1964	1963	1965	1964	1963
<b>CLASS OF WORKER</b>									
<b>Total</b> . . . . .	<b>72,179</b>	<b>70,357</b>	<b>68,809</b>	<b>47,034</b>	<b>46,139</b>	<b>45,330</b>	<b>25,145</b>	<b>24,218</b>	<b>23,479</b>
<b>Nonagricultural industries</b> . . . . .	<b>67,594</b>	<b>65,596</b>	<b>63,863</b>	<b>43,304</b>	<b>42,255</b>	<b>41,309</b>	<b>24,289</b>	<b>23,341</b>	<b>22,554</b>
Wage and salary workers . . . . .	60,765	58,736	57,081	38,434	37,312	36,412	22,331	21,423	20,669
Private household workers . . . . .	2,548	2,621	2,583	334	340	329	2,214	2,282	2,254
Government workers . . . . .	9,623	9,363	9,093	5,685	5,581	5,456	3,938	3,782	3,636
Other wage and salary workers . . . . .	48,594	46,752	45,405	32,415	31,391	30,627	16,179	15,359	14,779
Self-employed workers . . . . .	6,213	6,266	6,195	4,794	4,866	4,816	1,419	1,400	1,379
Unpaid family workers . . . . .	616	594	587	77	77	81	540	517	506
<b>Agriculture</b> . . . . .	<b>4,585</b>	<b>4,761</b>	<b>4,946</b>	<b>3,729</b>	<b>3,884</b>	<b>4,021</b>	<b>856</b>	<b>878</b>	<b>925</b>
Wage and salary workers . . . . .	1,492	1,582	1,676	1,243	1,322	1,375	249	260	300
Self-employed workers . . . . .	2,307	2,366	2,437	2,170	2,229	2,301	137	137	136
Unpaid family workers . . . . .	786	813	834	316	333	345	470	480	489
<b>OCCUPATION</b>									
<b>Total</b> . . . . .	<b>72,179</b>	<b>70,357</b>	<b>68,809</b>	<b>47,034</b>	<b>46,139</b>	<b>45,330</b>	<b>25,145</b>	<b>24,218</b>	<b>23,479</b>
<b>White-collar workers</b> . . . . .	<b>32,104</b>	<b>31,125</b>	<b>30,182</b>	<b>17,964</b>	<b>17,701</b>	<b>17,261</b>	<b>14,137</b>	<b>13,421</b>	<b>12,920</b>
Professional and technical . . . . .	8,883	8,550	8,263	5,602	5,438	5,311	3,280	3,110	2,951
Managers, officials, and proprietors . . . . .	7,340	7,452	7,293	6,229	6,342	6,180	1,110	1,109	1,113
Clerical workers . . . . .	11,166	10,667	10,270	3,293	3,214	3,128	7,873	7,453	7,142
Sales workers . . . . .	4,715	4,456	4,356	2,840	2,707	2,642	1,874	1,749	1,714
<b>Blue-collar workers</b> . . . . .	<b>26,466</b>	<b>25,534</b>	<b>24,982</b>	<b>22,314</b>	<b>21,546</b>	<b>21,151</b>	<b>4,153</b>	<b>3,990</b>	<b>3,831</b>
Craftsmen and foremen . . . . .	9,221	8,986	8,924	8,951	8,736	8,683	270	250	241
Operatives . . . . .	13,390	12,924	12,507	9,620	9,276	9,011	3,772	3,649	3,496
Nonfarm laborers . . . . .	3,855	3,624	3,551	3,743	3,534	3,457	111	91	94
Service workers . . . . .	9,342	9,256	9,032	3,287	3,269	3,165	6,057	5,988	5,867
Private household workers . . . . .	2,251	2,322	2,306	57	63	60	2,195	2,259	2,246
Other service workers . . . . .	7,091	6,934	6,726	3,230	3,206	3,105	3,862	3,729	3,621
<b>Farm workers</b> . . . . .	<b>4,265</b>	<b>4,444</b>	<b>4,615</b>	<b>3,466</b>	<b>3,620</b>	<b>3,751</b>	<b>799</b>	<b>821</b>	<b>864</b>
Farmers and farm managers . . . . .	2,244	2,320	2,396	2,112	2,187	2,265	132	132	131
Farm laborers and foremen . . . . .	2,021	2,124	2,219	1,354	1,433	1,486	667	689	733

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**Table A-13: Employed persons, by hours worked**

(In thousands)

Hours worked	All industries			Nonagricultural industries			Agriculture		
	1965	1964	1963	1965	1964	1963	1965	1964	1963
	Total	72,179	70,357	68,809	67,594	65,596	63,863	4,585	4,761
With a job but not at work	3,525	3,494	3,501	3,368	3,326	3,327	157	169	174
At work	68,654	66,863	65,308	64,227	62,270	60,536	4,427	4,592	4,772
1-34 hours	14,019	15,360	13,412	12,617	13,850	11,856	1,402	1,511	1,556
1-4 hours	1,004	982	920	934	918	855	70	64	64
5-14 hours	3,413	3,402	3,341	3,091	3,053	2,972	322	345	368
15-34 hours	9,601	10,977	9,151	8,590	9,877	8,028	1,011	1,101	1,124
35 hours or more	54,635	51,502	51,896	51,611	48,421	48,679	3,027	3,079	3,216
35-40 hours	31,494	29,817	30,138	30,802	29,127	29,422	692	689	715
41 hours and over	23,141	21,685	21,758	20,809	19,294	19,257	2,335	2,390	2,501
Average hours, total at work	40.5	40.0	40.4	40.2	39.7	40.1	45.7	45.1	45.0

**Table A-14: Employed persons, by full- or part-time status**

(In thousands)

Full- or part-time status	All industries			Nonagricultural industries		
	1965	1964	1963	1965	1964	1963
	Total	72,179	70,357	68,809	67,594	65,596
With a job but not at work	3,525	3,494	3,501	3,368	3,326	3,327
At work	68,654	66,863	65,308	64,227	62,270	60,536
On full-time schedules	57,979	56,252	54,941	54,692	52,871	51,439
35 hours or more	54,635	51,502	51,896	51,611	48,421	48,679
1-34 hours for noneconomic reasons	3,344	4,750	3,045	3,081	4,450	2,760
Bad weather	458	718	472	298	534	314
Industrial dispute	30	22	21	30	22	21
Vacation	325	333	290	316	320	279
Illness	865	757	765	828	727	722
Holiday	980	2,225	808	977	2,216	806
All other reasons	686	695	689	632	631	618
On part time for economic reasons	2,209	2,455	2,620	1,928	2,137	2,288
Usually work full time	1,052	1,148	1,227	897	986	1,069
Average hours	23.0	23.1	23.4	23.3	23.4	23.6
Usually work part time	1,157	1,307	1,393	1,031	1,151	1,219
Average hours	17.6	17.6	17.6	17.6	17.6	17.5
On part time for noneconomic reasons; usually work part time	8,466	8,155	7,746	7,607	7,262	6,808

**Table A-15: 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								
	1965	1964	1963	Total			Wage and salary workers					
				1965	1964	1963	Number			Percent paid		
							1965	1964	1963	1965	1964	1963
Total	3,525	3,494	3,501	3,368	3,326	3,327	3,019	2,948	2,928	56.7	55.6	55.2
Bad weather	79	108	106	55	70	75	35	45	45	(1)	(1)	(1)
Industrial dispute	48	51	41	48	51	41	48	51	41	-	-	-
Vacation	1,738	1,635	1,655	1,717	1,612	1,632	1,616	1,511	1,541	79.5	79.6	78.5
Illness	1,039	994	1,000	982	943	936	878	835	820	36.1	37.6	36.3
All other reasons	621	707	698	566	651	642	443	509	483	24.2	23.2	22.2

1/ Percent not shown where base is less than 50,000

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**Table A-16: Employment status of the noninstitutional population, by age and sex**

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 . . . . .	51,705	78.3	49,014	47,034	3,729	43,304	1,980	4.0	14,322	143	5,517	1,090	7,572
14 and 15 years . . . . .	759	21.4	759	694	182	512	66	8.6	2,795	6	2,302	5	482
16 and 17 years . . . . .	1,577	44.6	1,531	1,284	224	1,061	247	16.1	1,956	7	1,634	11	304
18 and 19 years . . . . .	2,254	70.0	1,866	1,634	149	1,485	232	12.4	965	2	811	14	138
20 to 24 years . . . . .	5,926	88.0	4,894	4,583	254	4,329	311	6.3	807	3	640	29	136
25 to 29 years . . . . .	5,370	96.9	4,944	4,782	197	4,585	163	3.3	172	1	91	20	60
30 to 34 years . . . . .	5,283	98.0	4,958	4,829	249	4,580	130	2.6	108	3	21	28	57
35 to 39 years . . . . .	5,693	97.9	5,466	5,322	275	5,047	144	2.6	125	2	8	46	69
40 to 44 years . . . . .	5,811	97.0	5,655	5,515	344	5,171	140	2.5	181	6	6	59	110
45 to 49 years . . . . .	5,307	96.1	5,241	5,111	346	4,765	130	2.5	213	4	2	75	132
50 to 54 years . . . . .	4,825	95.0	4,804	4,681	398	4,283	123	2.6	254	7	2	76	170
55 to 59 years . . . . .	3,929	90.2	3,925	3,800	347	3,453	125	3.2	428	7	-	138	283
60 to 64 years . . . . .	2,839	78.0	2,838	2,742	326	2,416	96	3.4	799	9	-	164	627
65 to 69 years . . . . .	1,209	43.0	1,209	1,159	203	955	50	4.2	1,602	20	-	104	1,479
70 years and over . . . . .	922	19.1	922	898	235	663	25	2.7	3,916	66	-	322	3,528
White . . . . .	46,531	78.6	44,069	42,466	3,236	39,230	1,603	3.6	12,692	120	4,837	920	6,815
Nonwhite . . . . .	5,174	76.0	4,945	4,568	493	4,075	377	7.6	1,631	23	680	170	757
Female . . . . .	26,653	38.0	26,621	25,145	856	24,289	1,476	5.5	43,562	35,413	5,577	649	1,922
14 and 15 years . . . . .	421	12.2	421	397	42	355	24	5.7	3,031	87	2,393	7	544
16 and 17 years . . . . .	954	27.7	954	790	40	750	164	17.2	2,494	280	1,853	8	353
18 and 19 years . . . . .	1,565	49.4	1,559	1,328	26	1,302	231	14.8	1,605	649	814	6	136
20 to 24 years . . . . .	3,375	50.0	3,364	3,119	48	3,071	246	7.3	3,376	2,854	415	17	90
25 to 29 years . . . . .	2,212	38.9	2,208	2,083	43	2,039	125	5.7	3,471	3,389	32	14	36
30 to 34 years . . . . .	2,124	38.2	2,121	2,010	65	1,945	111	5.2	3,435	3,369	19	12	36
35 to 39 years . . . . .	2,648	43.6	2,646	2,518	85	2,433	128	4.8	3,423	3,340	18	16	50
40 to 44 years . . . . .	3,076	48.5	3,074	2,939	92	2,847	135	4.4	3,262	3,188	13	20	41
45 to 49 years . . . . .	3,019	51.7	3,018	2,910	118	2,792	107	3.6	2,820	2,736	10	29	45
50 to 54 years . . . . .	2,695	50.1	2,694	2,618	92	2,526	76	2.8	2,685	2,610	3	31	41
55 to 59 years . . . . .	2,209	47.1	2,209	2,145	83	2,062	64	2.9	2,481	2,400	2	34	46
60 to 64 years . . . . .	1,378	34.0	1,378	1,341	64	1,277	37	2.7	2,670	2,563	2	39	66
65 to 69 years . . . . .	585	17.4	585	567	27	539	18	3.1	2,786	2,638	1	47	100
70 years and over . . . . .	391	6.1	391	381	31	351	9	2.4	6,022	5,312	1	371	339
White . . . . .	23,147	37.0	23,118	21,966	675	21,291	1,152	5.0	39,456	32,396	4,812	558	1,690
Nonwhite . . . . .	3,506	46.1	3,503	3,179	181	2,998	324	9.3	4,106	3,017	765	91	1,323

**Table A-17: Nonagricultural wage and salary workers, by full- or part-time status, hours of work, and industry**

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 <sup>1</sup> . . . . .	100.0	85.6	1.4	1.6	11.4	100.0	19.3	50.9	15.1	14.8
Construction . . . . .	100.0	91.0	3.6	2.0	3.6	100.0	18.7	54.5	14.2	12.8
Manufacturing . . . . .	100.0	95.0	1.9	.5	2.8	100.0	10.5	58.9	17.5	13.3
Durable goods . . . . .	100.0	97.1	1.2	.3	1.4	100.0	8.3	59.7	17.9	14.1
Nondurable goods . . . . .	100.0	91.8	2.7	.8	4.7	100.0	13.2	57.7	16.9	12.2
Transportation and public utilities . . . . .	100.0	93.9	1.3	.9	3.9	100.0	10.5	59.7	13.7	16.1
Wholesale and retail trade . . . . .	100.0	77.6	1.1	2.3	19.1	100.0	25.0	38.3	18.0	18.8
Finance, insurance, and real estate . . . . .	100.0	90.2	.4	.6	8.7	100.0	15.3	59.5	10.9	14.2
Service industries . . . . .	100.0	72.5	.9	3.3	23.2	100.0	31.6	42.1	12.3	13.9

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

**HOUSEHOLD DATA  
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**Table A-18: Persons at work in nonfarm occupations by full- or part-time status, hours of work, and occupation**

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
	Thousands	Percent		Economic reasons		Other reasons						
				Usually work full time	Usually work part time	Usually work part time						
White-collar workers	30,440	100.0	86.9	.5	.7	11.9	100.0	17.6	48.3	13.3	20.8	41.3
Professional and technical	8,283	100.0	89.1	.4	.4	10.0	100.0	16.2	48.6	13.7	21.4	41.4
Managers, officials, and proprietors	7,003	100.0	95.7	.5	.2	3.6	100.0	7.6	32.8	16.8	42.8	49.4
Clerical workers	10,661	100.0	85.2	.5	.8	13.5	100.0	20.2	63.9	10.1	5.8	37.4
Sales workers	4,493	100.0	73.5	.7	1.6	24.2	100.0	29.2	35.2	14.5	21.1	37.8
Blue-collar workers	25,165	100.0	90.2	2.5	1.6	5.7	100.0	15.5	51.7	17.4	15.4	40.7
Craftsmen and foremen	8,777	100.0	94.8	1.7	.9	2.6	100.0	10.9	52.3	19.1	17.7	42.3
Operatives	12,701	100.0	91.0	2.9	1.2	4.8	100.0	14.4	52.7	17.5	15.3	41.2
Nonfarm laborers	3,687	100.0	75.9	3.1	4.8	16.3	100.0	30.6	46.3	13.2	10.0	35.5
Service workers	8,933	100.0	64.8	1.4	4.7	29.2	100.0	38.4	35.6	12.9	13.2	34.4
Private household workers	2,189	100.0	36.3	1.2	10.5	52.0	100.0	65.9	19.1	7.1	7.9	24.1
Other service workers	6,744	100.0	73.9	1.4	2.8	21.8	100.0	29.4	40.9	14.7	14.9	37.8

**Table A-19: Occupation group of employed persons, by sex and color**

1965

Occupation	Thousands			Percent distribution									
	Total	Male	Female	Total	Male	Female	White			Nonwhite			
							Total	Male	Female	Total	Male	Female	
Total	72,179	47,034	25,145	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	32,104	17,964	14,137	44.5	38.2	56.2	47.5	40.5	60.9	19.5	16.5	23.7	
Professional and technical	8,883	5,602	3,280	12.3	11.9	13.0	13.0	12.6	13.7	6.8	5.6	8.4	
Medical and other health	1,486	593	893	2.1	1.3	3.5	2.2	1.3	3.8	1.2	.7	1.9	
Teachers, except college	1,881	554	1,327	2.6	1.2	5.3	2.6	1.2	5.4	2.5	1.1	4.6	
Other professional and technical	5,516	4,455	1,060	7.6	9.5	4.2	8.2	10.1	4.5	3.1	3.9	1.9	
Managers, officials, and proprietors	7,340	6,229	1,110	10.2	13.2	4.4	11.1	14.3	4.8	2.6	3.4	1.5	
Salaried workers	4,427	3,773	654	6.1	8.0	2.6	6.7	8.7	2.9	1.1	1.5	.6	
Self-employed workers in retail trade	1,389	1,082	306	1.9	2.3	1.2	2.1	2.5	1.3	.8	.9	.7	
Self-employed workers, except retail trade	1,524	1,374	150	2.1	2.9	.6	2.3	3.1	.6	.7	1.0	.3	
Clerical workers	11,166	3,293	7,873	15.5	7.0	31.3	16.3	7.1	34.1	8.2	5.7	11.8	
Stenographers, typists, and secretaries	2,880	52	2,828	4.0	.1	11.2	4.3	.1	12.4	1.4	.1	3.4	
Other clerical workers	8,286	3,241	5,045	11.5	6.9	20.1	12.1	7.0	21.8	6.7	5.6	8.4	
Sales workers	4,715	2,840	1,874	6.5	6.0	7.4	7.1	6.5	8.2	1.9	1.8	2.0	
Retail trade	2,877	1,202	1,674	4.0	2.6	6.7	4.3	2.7	7.4	1.4	1.1	1.8	
Other sales workers	1,838	1,638	200	2.5	3.5	.8	2.8	3.8	.9	.5	.7	.2	
Blue-collar workers	26,466	22,314	4,153	36.7	47.4	16.5	36.2	46.3	16.6	40.7	58.0	15.9	
Craftsmen, foremen	9,221	8,951	270	12.8	19.0	1.1	13.5	19.9	1.1	6.7	10.9	.7	
Carpenters	850	849	1	1.2	1.8	(1)	1.3	1.9	(1)	.5	.9	-	
Construction craftsmen, except carpenters	1,839	1,826	13	2.5	3.9	.1	2.6	4.0	.1	1.8	3.1	(1)	
Mechanics and repairmen	2,337	2,322	15	3.2	4.9	.1	3.4	5.1	.1	1.9	3.2	(1)	
Metal craftsmen, except mechanics	1,112	1,100	12	1.5	2.3	(1)	1.6	2.5	(1)	.7	1.1	.1	
Other craftsmen and kindred workers	1,818	1,679	139	2.5	3.6	.6	2.7	3.7	.6	1.3	1.9	.4	
Foremen, not elsewhere classified	1,265	1,175	90	1.8	2.5	.4	1.9	2.7	.4	.5	.7	.2	
Operatives	13,390	9,620	3,772	18.6	20.5	15.0	18.2	19.8	15.1	21.3	26.1	14.4	
Drivers and deliverymen	2,505	2,462	44	3.5	5.2	.2	3.4	5.0	.2	4.3	7.3	.1	
Other operatives	10,885	7,158	3,728	15.1	15.2	14.8	14.9	14.8	14.9	17.0	18.8	14.4	
Durable goods manufacturing	4,298	3,288	1,011	6.0	7.0	4.0	6.0	6.9	4.2	5.8	8.0	2.6	
Nondurable goods manufacturing	3,700	1,740	1,960	5.1	3.7	7.8	5.2	3.6	8.1	4.9	4.3	5.8	
Other industries	2,887	2,130	757	4.0	4.5	3.0	3.7	4.3	2.6	6.3	6.5	6.0	
Nonfarm laborers	3,855	3,743	111	5.3	8.0	.4	4.5	6.5	.4	12.7	21.1	.7	
Construction	805	801	4	1.1	1.7	(1)	.9	1.4	(1)	2.9	4.9	-	
Manufacturing	1,091	1,038	53	1.5	2.2	.2	1.3	1.8	.2	3.5	5.8	.3	
Other industries	1,959	1,904	54	2.7	4.0	.2	2.3	3.4	.2	6.3	10.4	.5	
Service workers	9,342	3,287	6,057	12.9	7.0	24.1	10.7	6.1	19.6	31.7	15.5	54.9	
Private household workers	2,251	57	2,195	3.1	.1	8.7	2.0	.1	5.6	12.7	.4	30.3	
Service workers, except private household	7,091	3,230	3,862	9.8	6.9	15.4	8.7	6.0	14.0	19.0	15.1	24.5	
Protective service workers	874	833	41	1.2	1.8	.2	1.3	1.9	.2	.5	.7	.1	
Waiters, cooks, and bartenders	1,958	558	1,401	2.7	1.2	5.6	2.6	1.0	5.5	3.8	2.5	5.8	
Other service workers	4,259	1,839	2,420	5.9	3.9	9.6	4.8	3.0	8.3	14.7	11.9	18.7	
Farm workers	4,265	3,466	799	5.9	7.4	3.2	5.6	7.1	2.8	8.1	9.9	5.5	
Farmers and farm managers	2,244	2,112	132	3.1	4.5	.5	3.3	4.7	.5	1.8	2.7	.5	
Farm laborers and foremen	2,021	1,354	667	2.8	2.9	2.7	2.4	2.4	2.3	6.3	7.2	5.1	
Paid workers	1,249	1,041	208	1.7	2.2	.8	1.3	1.8	.4	5.3	6.5	3.6	
Unpaid family workers	772	313	459	1.1	.7	1.8	1.1	.7	1.9	1.0	.7	1.4	

1/ Less than 0.05

**HOUSEHOLD DATA  
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**Table A-20: Persons at work in nonagricultural industries, by full-time and part-time status, hours of work, and selected characteristics**

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					
<b>AGE AND SEX</b>											
Total .....	64,227	100.0	85.2	1.4	1.6	11.8	100.0	19.6	47.9	32.5	40.2
Male .....	41,366	100.0	91.1	1.3	1.1	6.4	100.0	13.4	46.0	40.5	42.9
14 to 17 years .....	1,533	100.0	21.0	.9	6.1	72.0	100.0	80.5	12.0	7.5	18.8
18 and 19 years .....	1,452	100.0	69.0	2.5	3.6	24.9	100.0	34.6	39.7	25.7	35.2
20 to 24 years .....	4,206	100.0	89.6	1.9	1.3	7.1	100.0	14.6	46.6	38.7	42.0
25 to 34 years .....	8,836	100.0	96.8	1.3	.6	1.4	100.0	7.9	47.5	44.7	45.0
35 to 44 years .....	9,773	100.0	97.7	1.0	.6	.7	100.0	6.9	46.7	46.4	45.6
45 to 64 years .....	14,082	100.0	96.0	1.3	.9	1.9	100.0	9.2	49.9	41.0	44.2
65 years and over .....	1,483	100.0	67.8	.7	1.9	29.5	100.0	36.2	36.2	27.5	35.6
Female .....	22,861	100.0	74.3	1.6	2.5	21.6	100.0	30.9	51.5	17.6	35.2
14 to 17 years .....	1,090	100.0	15.8	.8	4.3	79.1	100.0	84.8	10.7	4.5	15.4
18 and 19 years .....	1,273	100.0	70.5	2.6	4.5	22.4	100.0	33.6	54.0	12.4	33.2
20 to 24 years .....	2,934	100.0	84.1	1.6	2.4	11.9	100.0	21.5	62.4	16.1	36.9
25 to 34 years .....	3,744	100.0	78.4	1.5	1.8	18.4	100.0	27.5	55.8	16.8	35.8
35 to 44 years .....	4,940	100.0	76.2	1.7	2.0	20.1	100.0	29.3	52.7	18.0	36.0
45 to 64 years .....	8,061	100.0	78.5	1.5	2.5	17.6	100.0	27.2	52.1	20.8	37.1
65 years and over .....	818	100.0	53.5	.7	2.9	42.9	100.0	50.2	29.8	20.0	31.2
<b>MARITAL STATUS AND SEX</b>											
Male: Single .....	6,854	100.0	68.9	1.9	3.3	26.0	100.0	35.0	41.1	24.0	34.5
Married, wife present .....	32,424	100.0	95.9	1.1	.6	2.4	100.0	8.8	46.8	44.4	44.7
Other .....	2,087	100.0	90.4	2.0	2.4	5.2	100.0	14.7	49.6	35.7	42.1
Female: Single .....	5,497	100.0	70.9	1.1	2.9	25.0	100.0	33.6	51.1	15.2	32.8
Married, husband present .....	12,675	100.0	73.6	1.7	1.9	22.8	100.0	31.8	51.3	16.9	35.3
Other .....	4,689	100.0	80.2	1.8	3.5	14.5	100.0	25.2	52.2	22.6	37.5
<b>COLOR AND SEX</b>											
White .....	57,492	100.0	85.6	1.3	1.2	11.9	100.0	19.1	47.5	33.4	40.4
Male .....	37,460	100.0	91.4	1.2	.9	6.5	100.0	13.1	45.2	41.7	43.2
Female .....	20,031	100.0	74.9	1.5	1.7	22.0	100.0	30.4	51.9	17.8	35.3
Nonwhite .....	6,735	100.0	80.9	2.4	5.3	11.4	100.0	24.4	51.6	24.0	37.8
Male .....	3,905	100.0	88.3	2.6	3.4	5.6	100.0	17.1	53.7	29.1	40.2
Female .....	2,830	100.0	70.5	2.2	7.9	19.4	100.0	34.5	48.6	16.9	34.5

**Table A-21: Persons at work, by hours of work, and class of worker**

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 .....	68,654	4,427	1,457	2,185	786	64,227	57,749	2,484	8,932	46,333	5,864	614
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 .....	20.5	31.6	34.6	23.2	49.6	19.6	19.3	66.8	17.2	17.1	20.7	42.7
1 to 14 hours .....	6.4	8.8	12.6	9.5	-	6.3	6.1	41.7	4.0	4.5	9.0	-
15 to 21 hours .....	5.1	10.3	10.0	5.3	25.0	4.7	4.5	12.2	3.7	4.2	5.0	23.5
22 to 29 hours .....	4.0	7.2	6.3	4.3	16.7	3.7	3.7	7.9	3.2	3.6	3.1	10.8
30 to 34 hours .....	5.0	5.3	5.7	4.1	7.9	4.9	5.0	5.0	6.3	4.8	3.6	8.4
35 to 40 hours .....	45.8	15.6	19.3	12.4	17.8	47.9	50.9	18.5	57.1	51.5	21.4	22.4
35 to 39 hours .....	6.3	6.6	5.5	5.8	11.1	6.3	6.5	4.9	5.9	6.7	4.2	8.2
40 hours .....	39.5	9.0	13.8	6.6	6.7	41.6	44.4	13.6	51.2	44.8	17.2	14.2
41 hours and over .....	33.8	52.7	46.0	64.4	32.6	32.5	29.9	14.7	25.6	31.3	58.1	34.8
41 to 47 hours .....	8.0	5.6	7.3	4.1	6.4	8.2	8.4	3.8	7.6	8.7	6.8	5.8
48 hours .....	6.5	4.2	4.3	4.8	2.6	6.7	6.7	3.0	4.3	7.3	6.6	4.1
49 hours and over .....	19.3	42.9	34.4	55.5	23.6	17.6	14.8	7.9	13.7	15.3	44.7	24.9
49 to 54 hours .....	6.7	7.7	8.8	8.0	5.0	6.6	6.2	3.0	5.5	6.5	11.2	6.8
55 to 59 hours .....	2.9	3.9	4.5	3.8	3.0	2.8	2.6	1.3	2.4	2.7	4.6	2.6
60 to 69 hours .....	5.2	12.0	10.6	15.0	6.1	4.7	3.7	1.5	3.3	3.9	14.2	6.2
70 hours and over .....	4.5	19.3	10.5	28.7	9.5	3.5	2.3	2.1	2.5	2.2	14.7	9.3
Average hours, total at work .....	40.5	45.7	40.8	51.8	37.6	40.2	39.5	23.5	40.0	40.3	46.8	39.1

**ESTABLISHMENT DATA  
ANNUAL AVERAGES**

**Table B-1: Employees on nonagricultural payrolls, by industry**

(In thousands)

Industry	1965 <sup>1</sup>	1964	1963	1962	Change to 1965 from	
					1964	1963
<b>TOTAL . . . . .</b>	<b>60,432</b>	<b>58,156</b>	<b>56,602</b>	<b>55,515</b>	<b>2,276</b>	<b>3,830</b>
<b>MINING . . . . .</b>	<b>628</b>	<b>633</b>	<b>635</b>	<b>650</b>	<b>-5</b>	
<b>CONTRACT CONSTRUCTION . . . . .</b>	<b>3,211</b>	<b>3,056</b>	<b>2,963</b>	<b>2,902</b>	<b>155</b>	<b>248</b>
<b>MANUFACTURING . . . . .</b>	<b>17,984</b>	<b>17,259</b>	<b>16,995</b>	<b>16,853</b>	<b>725</b>	<b>989</b>
<b>DURABLE GOODS . . . . .</b>	<b>10,379</b>	<b>9,813</b>	<b>9,616</b>	<b>9,480</b>	<b>566</b>	<b>763</b>
Ordnance and accessories . . . . .	236.4	247.1	265.5	264.4	-10.7	-29.1
Lumber and wood products . . . . .	605.8	602.5	592.6	589.3	3.3	13.2
Furniture and fixtures . . . . .	429.1	405.9	389.9	385.1	23.2	39.2
Stone, clay, and glass products . . . . .	620.9	611.8	600.8	592.3	9.1	20.1
Primary metal industries . . . . .	1,292.5	1,231.2	1,172.2	1,165.6	61.3	120.3
Fabricated metal products . . . . .	1,260.8	1,187.3	1,150.1	1,127.7	73.5	110.7
Machinery . . . . .	1,713.9	1,606.1	1,529.3	1,493.2	107.8	184.6
Electrical equipment . . . . .	1,671.1	1,548.4	1,553.9	1,567.0	122.7	117.2
Transportation equipment . . . . .	1,739.3	1,604.8	1,609.7	1,547.0	134.5	129.6
Instruments and related products . . . . .	384.8	369.3	364.8	358.7	15.5	20.0
Miscellaneous manufacturing . . . . .	424.4	398.5	386.8	389.6	25.9	37.6
<b>NONDURABLE GOODS . . . . .</b>	<b>7,604</b>	<b>7,446</b>	<b>7,380</b>	<b>7,373</b>	<b>158</b>	<b>224</b>
Food and kindred products . . . . .	1,737.7	1,745.8	1,752.0	1,763.0	-8.1	-14.3
Tobacco manufactures . . . . .	83.5	89.1	88.6	90.5	-5.6	-5.1
Textile mill products . . . . .	919.3	891.1	885.4	902.3	28.2	33.9
Apparel and related products . . . . .	1,350.8	1,302.0	1,282.8	1,263.7	48.8	68.0
Paper and allied products . . . . .	637.5	625.2	618.5	614.4	12.3	19.0
Printing and publishing . . . . .	977.3	950.5	930.6	926.4	26.8	46.7
Chemicals and allied products . . . . .	902.7	877.4	865.3	848.5	25.3	37.4
Petroleum and related products . . . . .	178.1	182.7	188.7	195.3	-4.6	-10.6
Rubber and plastic products . . . . .	463.9	433.6	418.5	408.4	30.3	45.4
Leather and leather products . . . . .	353.7	348.4	349.2	360.7	5.3	4.5
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	<b>4,031</b>	<b>3,947</b>	<b>3,903</b>	<b>3,906</b>	<b>84</b>	<b>128</b>
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	<b>12,585</b>	<b>12,132</b>	<b>11,778</b>	<b>11,566</b>	<b>453</b>	<b>807</b>
WHOLESALE TRADE . . . . .	3,263	3,173	3,104	3,056	90	159
RETAIL TRADE . . . . .	9,322	8,959	8,675	8,511	363	647
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	<b>3,043</b>	<b>2,964</b>	<b>2,877</b>	<b>2,800</b>	<b>79</b>	<b>166</b>
<b>SERVICE AND MISCELLANEOUS . . . . .</b>	<b>8,903</b>	<b>8,569</b>	<b>8,226</b>	<b>7,947</b>	<b>334</b>	<b>677</b>
<b>GOVERNMENT . . . . .</b>	<b>10,046</b>	<b>9,595</b>	<b>9,225</b>	<b>8,890</b>	<b>451</b>	<b>821</b>
FEDERAL . . . . .	2,379	2,348	2,358	2,340	31	21
STATE AND LOCAL . . . . .	7,667	7,248	6,868	6,550	419	799

<sup>1</sup> Preliminary.



**ESTABLISHMENT DATA  
ANNUAL AVERAGES**

**Table B-2: Production workers on manufacturing payrolls, by industry**

Industry	(in thousands)					
	1965 <sup>1</sup>	1964	1963	1962	Change to 1965 from	
					1964	1963
<b>MANUFACTURING</b> .....	13,376	12,769	12,555	12,488	607	821
<b>DURABLE GOODS</b> .....	7,692	7,209	7,027	6,935	483	665
Ordnance and accessories.....	102.3	106.1	115.2	119.3	-3.8	-12.9
Lumber and wood products.....	531.9	530.2	526.6	526.7	1.7	5.3
Furniture and fixtures.....	356.4	337.1	324.1	319.6	19.3	32.3
Stone, clay, and glass products.....	498.7	492.2	483.9	477.7	6.5	14.8
Primary metal industries.....	1,055.7	1,001.9	947.4	937.3	53.8	108.3
Fabricated metal products.....	976.3	912.5	881.6	863.7	63.8	94.7
Machinery.....	1,199.2	1,117.8	1,059.2	1,037.8	81.4	140.0
Electrical equipment.....	1,145.0	1,038.5	1,034.3	1,050.7	106.5	110.7
Transportation equipment.....	1,240.3	1,120.3	1,112.3	1,059.9	120.0	128.0
Instruments and related products.....	246.3	233.8	232.3	229.1	12.5	14.0
Miscellaneous manufacturing.....	339.8	318.7	310.4	313.2	21.1	29.4
<b>NONDURABLE GOODS</b> .....	5,684	5,560	5,527	5,553	124	157
Food and kindred products.....	1,146.9	1,154.3	1,167.1	1,178.4	-7.4	-20.2
Tobacco manufactures.....	72.0	77.4	76.6	78.7	-5.4	-4.6
Textile mill products.....	821.2	797.5	793.4	812.1	23.7	27.8
Apparel and related products.....	1,202.6	1,157.8	1,138.0	1,122.9	44.8	64.6
Paper and allied products.....	497.1	488.7	486.4	486.0	8.4	10.7
Printing and publishing.....	619.6	601.4	590.3	594.5	18.2	29.3
Chemicals and allied products.....	542.9	528.6	525.3	519.3	14.3	17.6
Petroleum and related products.....	110.1	113.6	119.9	125.5	-3.5	-9.8
Rubber and plastic products.....	361.0	334.7	322.7	316.5	26.3	38.3
Leather and leather products.....	310.8	306.3	307.8	318.9	4.5	3.0

<sup>1</sup> Preliminary.

**Table B-3: Gross hours and earnings of production workers on manufacturing payrolls, by industry**

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1965 <sup>1</sup>	1964	1963	1962	1965 <sup>1</sup>	1964	1963	1962	1965 <sup>1</sup>	1964	1963	1962
<b>MANUFACTURING</b> .....	41.1	40.7	40.5	40.4	\$2.61	\$2.53	\$2.46	\$2.39	\$107.27	\$102.97	\$99.63	\$96.56
Overtime hours.....	3.6	3.1	2.8	2.8	-	-	-	-	-	-	-	-
<b>DURABLE GOODS</b> .....	42.0	41.4	41.1	40.9	2.79	2.71	2.63	2.56	117.18	112.19	108.09	104.70
Overtime hours.....	3.9	3.3	2.9	2.8	-	-	-	-	-	-	-	-
<b>NONDURABLE GOODS</b> .....	40.1	39.7	39.6	39.6	2.36	2.29	2.22	2.17	94.64	90.91	87.91	85.93
Overtime hours.....	3.1	2.9	2.7	2.7	-	-	-	-	-	-	-	-
<i>Durable goods</i>												
Ordnance and accessories....	41.9	40.5	41.1	41.2	3.12	3.02	2.93	2.83	130.73	122.31	120.42	116.60
Lumber and wood products....	40.8	40.4	40.1	39.8	2.16	2.11	2.04	1.99	88.13	85.24	81.80	79.20
Furniture and fixtures.....	41.5	41.2	40.9	40.7	2.11	2.05	2.00	1.95	87.57	84.46	81.80	79.37
Stone, clay, and glass products.....	41.9	41.7	41.4	40.9	2.62	2.53	2.47	2.41	109.78	105.50	102.26	98.57
Primary metal industries.....	42.1	41.8	41.0	40.2	3.18	3.11	3.04	2.98	133.88	130.00	124.64	119.80
Fabricated metal products....	42.1	41.7	41.4	41.1	2.76	2.67	2.61	2.55	116.20	111.34	108.05	104.81
Machinery.....	43.1	42.4	41.8	41.7	2.95	2.87	2.78	2.71	127.15	121.69	116.20	113.01
Electrical equipment.....	41.0	40.5	40.3	40.6	2.58	2.51	2.46	2.40	105.78	101.66	99.14	97.44
Transportation equipment....	42.9	42.1	42.1	42.0	3.21	3.09	3.01	2.91	137.71	130.09	126.72	122.22
Instruments and related products.....	41.4	40.8	40.8	40.9	2.61	2.54	2.49	2.44	108.05	103.63	101.59	99.80
Miscellaneous manufacturing..	39.9	39.6	39.6	39.7	2.13	2.08	2.03	1.98	84.99	82.37	80.39	78.61
<i>Nondurable goods</i>												
Food and kindred products....	41.1	41.0	41.0	41.0	2.43	2.37	2.30	2.24	99.87	97.17	94.30	91.84
Tobacco manufactures.....	37.8	38.8	38.7	38.6	2.11	1.96	1.91	1.85	79.76	76.05	73.92	71.41
Textile mill products.....	41.8	41.0	40.6	40.6	1.87	1.79	1.71	1.68	78.17	73.39	69.43	68.21
Apparel and related products..	36.4	35.9	36.1	36.2	1.83	1.79	1.73	1.69	66.61	64.26	62.45	61.18
Paper and allied products....	43.1	42.8	42.7	42.5	2.65	2.56	2.48	2.40	114.22	109.57	105.90	102.00
Printing and publishing.....	38.6	38.5	38.3	38.3	3.06	2.97	2.89	2.82	118.12	114.35	110.69	108.01
Chemicals and allied products..	41.9	41.6	41.5	41.6	2.89	2.80	2.72	2.65	121.09	116.48	112.88	110.24
Petroleum and related products.....	42.2	41.9	41.7	41.6	3.28	3.19	3.16	3.05	138.42	133.66	131.77	126.88
Rubber and plastic products....	42.0	41.3	40.8	41.0	2.61	2.54	2.47	2.44	109.62	104.90	100.78	100.04
Leather and leather products..	38.2	37.9	37.5	37.6	1.88	1.82	1.76	1.72	71.82	68.98	66.00	64.67

<sup>1</sup> Preliminary unweighted averages.

# 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 enumerations

and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

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

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

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

Table B. Standard error of level of monthly estimates

(In thousands)

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

*Illustration:* Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 160,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 160,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 160,000 as the

standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 135,000.

Table C. Standard error of estimates of month-to-month change

(In thousands)

Standard error of monthly level	Standard error of month-to-month change	
	Estimates relating to agricultural employment	All estimates except those relating to agricultural employment
10	14	12
25	35	26
50	70	48
100	100	90
150	110	130
200	250	160
250	...	190
300	...	220

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

Table D. Standard error of 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 comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the data to the BLS for use in preparing the national series.

### Shuttle Schedules

Two types of data collection schedules are used: Form BLS 790--Monthly Report on Employment, Payroll, and Hours; and Form DL 1219--Monthly Report on Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The schedule is returned to the respondent each month by the collecting agency so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

The BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of non-agricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period which most nearly coincides with the *standard survey reference week* (the calendar week, Sunday through Saturday, which includes the 12th of the month). The labor turnover schedule provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

## CONCEPTS

### Industrial Classification

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

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual* Bureau of the Budget, 1957, as amended by the *1963 Supplement*.

### Industry Employment

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

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

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period, or who are hired but do not report to work during the period.

### Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining nonfarm components. For Federal Government, hours and earnings relate to all employees who worked or received pay during the pay period which includes the 12th of the month. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

*Production and related workers* include working foremen and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

*Construction workers* include the following employees in the contract construction division: Working foremen, journeymen, mechanics, apprentices, laborers, etc.,

whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

*Nonsupervisory employees* include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, attendants, service employees, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

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

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

*Overtime hours* cover premium overtime hours of production and related workers during the pay period which includes the 12th of the month. Overtime hours are those for which premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or workweek. Weekend and holiday hours are included, only if premium wage rates were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

#### **Gross Average Hourly and Weekly Earnings**

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

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time, while rates are the amounts stipulated for a given unit of work or time. The earnings series, however, does not measure the level of total labor costs on

the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction worker, or nonsupervisory-employee definitions.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings, but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

#### **Average Weekly Hours**

The workweek information relates to the average hours for which pay was received, and is different from standard or scheduled hours. Such factors as absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

#### **Average Overtime Hours**

The overtime hours represent that portion of the gross average weekly hours which were in excess of regular hours and for which premium payments were made. If an employee worked on a paid holiday at regular rates, receiving as total compensation his holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction, from month-to-month; for example, premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level may also be caused by a marked change in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

#### **Railroad Hours and Earnings**

The figures for class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees who received pay during the month, except executives, officials, and staff assistants (ICC group I). Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.



### **Spendable Average Weekly Earnings**

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from gross weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents, and a worker with three dependents. The computations are based on the gross average weekly earnings for all production or nonsupervisory workers in the industry division without regard to marital status, family composition, or total family income.

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

### **Average Hourly Earnings Excluding Overtime**

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

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

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1957-59 period. The man-hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of gross average weekly earnings and production-worker employment.

### **Labor Turnover**

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included, beginning with January 1959.

*Accessions* are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

*New hires* are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

*Other accessions*, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from another establishment of the company.

*Separations* are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, are defined as follows:

*Quits* are terminations of employment initiated by employees, failure to report after being hired, and unauthorized absences, if on the last day of the month the person has been absent more than 7 consecutive calendar days.

*Layoffs* are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

*Other separations*, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

### **Comparability With Employment Series**

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

### **ESTIMATING METHODS**

The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of

ratio estimation, and (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

#### The "Link Relative" Technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." Other features of the general procedures are described later in the table, Summary of Methods for Computing Industry Statistics on Employment, Hours, Earnings, and Labor Turnover. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Non-agricultural Industries* and on *Measurement of Labor Turnover*, which are available upon request.

#### Size and Regional Stratification

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

#### Benchmark Adjustments

Employment estimates are periodically compared with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1964 levels. Normally, benchmark adjustments are made annually.

The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations, covering three-fourths of the total nonfarm employment in the United States, are prepared under the direction of the Bureau of Employment Security. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under

this procedure, the benchmark is used to establish the level of employment, while the sample is used to measure the month-to-month changes in the level.

Data for all months since the last benchmark to which the series has been adjusted are therefore subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics. The current volume in this series is *Employment and Earnings Statistics for the United States, 1909-65*, Bulletin 1312-3 (Dec. 1965), and contains monthly statistics from the earliest date of availability through August 1965.

#### THE SAMPLE

##### Design

The sampling plan used in the current employment statistics program is an optimum allocation design known as "sampling proportionate to average size of establishment." The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry the total size of sample is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the samples for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in a relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the larger establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments, and also for a substantial number of the smaller ones. Many industries in the trade and service divisions fall into this category. In order to keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics program, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries; With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail. The tendency of such a sample to produce biased estimates of the level of earnings for certain industries is counteracted by the stratified estimating procedure described under "Estimating Methods."

#### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. The table that follows shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Approximate size and coverage of BLS employment and payrolls sample, March 1964<sup>1</sup>

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

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

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

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

Approximate size and coverage of BLS labor turnover sample, March 1964

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

#### Reliability of the Employment Estimate

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

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

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

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

Differences between the benchmarks and the estimates, as well as the sampling and response errors, result from changes in the industrial classification of individual establishments (resulting from changes in their product), which are not reflected in the levels of estimates until the data are adjusted to new benchmarks. At more detailed industry levels, particularly within manufacturing, changes in classification are the major

cause of benchmark adjustments; however, they become less important at broader aggregations of industries. Another cause of differences, generally minor, between the estimates and the benchmark arises from improvements in the quality of benchmark data. A detailed description of the latest adjustment, "BLS Establishment Estimates Revised to March 1964 Benchmark Levels" was published in the December 1965 issue of *Employment and Earnings*. Reprints of this article are available upon request to the Bureau.

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

### STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State

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

Users of State and area employment, hours, and earnings statistics may be interested in *Employment and Earnings Statistics for States and Areas, 1939-64*, BLS Bulletin 1370-2. For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented from the earliest data of availability of each series through 1964.

## Seasonal Adjustment

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

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the booklet, *The BLS Seasonal Factor Method (1964)*, which may be obtained from the Bureau on request. An earlier version of the method is described in Appendix G of the 1962 Report of the President's Committee to Appraise Employment and Unemployment Statistics, *Measuring Employment and Unemployment*.

For establishment data, the seasonally adjusted series on weekly hours and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series, but seasonally adjusted employment totals for all employees and production workers by industry divisions are obtained by summing the seasonally adjusted data which are published for component industries. Indexes of aggregate weekly man-hours seasonally adjusted, for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted and dividing by the 1957-59 base. For total, manufacturing, and durable and nondurable goods, the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries and dividing by the 1957-59 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Post Office Department in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Post Office Department.

Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based. Factors currently in use for the establishment data are shown in the December 1965 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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

aggregated. The seasonally adjusted rate of unemployment is derived by dividing the seasonally adjusted figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the seasonally adjusted civilian labor force (the sum of twelve seasonally adjusted age-sex components).

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 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)
<b>Monthly Data</b>		
All employees . . . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers; women employees . . . . .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . . . .	Production- or nonsupervisory-worker man-hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours . . . . .	Production-worker overtime man-hours divided by number of production workers.	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings . . . . .	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker man-hours.	Average, weighted by aggregate man-hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates (total, men, and women) . . . . .	The number of particular actions (e.g., quits) in reporting firms divided by total employment in those firms. The result is multiplied by 100. For men (or women), the number of men (women) who quit is divided by the total number of men (women) employed.	Average, weighted by employment, of the rates for component cells.
<b>Annual Average Data</b>		
All employees and production or nonsupervisory workers . . . . .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . . . .	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . . . .	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

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

ALABAMA	-Department of Industrial Relations, Montgomery 36104
ALASKA	-Employment Security Division, Department of Labor, Juneau 99801
ARIZONA	-Unemployment Compensation Division, Employment Security Commission, Phoenix 85005
ARKANSAS	-Employment Security Division, Department of Labor, Little Rock 72203
CALIFORNIA	-Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 94102 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
COLORADO	-Department of Employment, Denver 80203
CONNECTICUT	-Employment Security Division, Department of Labor, Hartford 06115
DELAWARE	-Employment Security Commission, Wilmington 19801
DISTRICT OF COLUMBIA	-U. S. Employment Service for D. C., Washington 20212
FLORIDA	-Industrial Commission, Tallahassee 32304
GEORGIA	-Employment Security Agency, Department of Labor, Atlanta 30303
HAWAII	-Department of Labor and Industrial Relations, Honolulu 96813
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MASSACHUSETTS	-Division of Statistics, Department of Labor and Industries, Boston 02108 (Employment). Division of Employment Security, Boston 02215 (Turnover).
MICHIGAN	-Employment Security Commission, Detroit 48202
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MISSISSIPPI	-Employment Security Commission, Jackson 39205
MISSOURI	-Division of Employment Security, Jefferson City 65102
MONTANA	-Unemployment Compensation Commission, Helena 59601
NEBRASKA	-Division of Employment, Department of Labor, Lincoln 68501
NEVADA	-Employment Security Department, Carson City 89701
NEW HAMPSHIRE	-Department of Employment Security, Concord 03301
NEW JERSEY	-Department of Labor and Industry: Bureau of Statistics and Records (Employment); Division of Employment Security (Turnover), Trenton 08625
NEW MEXICO	-Employment Security Commission, Albuquerque 87103
NEW YORK	-Research and Statistics Office, Division of Employment, State Department of Labor, State Campus Building 12, Albany 12201
NORTH CAROLINA	-Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
NORTH DAKOTA	-Unemployment Compensation Division, Workmen's Compensation Bureau, Bismarck 58502
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