

EMPLOYMENT AND EARNINGS

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Employment and Unemployment Developments, November 1969

Unemployment dropped sharply in November, while nonfarm employment was virtually unchanged. The overall unemployment rate, which had risen substantially in September and remained about the same in October, fell from 3.9 to 3.4 percent in November, a return to the August level.

Unemployment rates for secondary workers—teenagers, adult women, and part-time workers—were reduced significantly over the month. Among primary breadwinners—adult men, married men, and all full-time workers—rates of unemployment also moved down, but more moderately. Jobless rates for blue-collar and manufacturing workers, however, remained at their October levels.

Nonfarm payroll employment remained virtually unchanged in November, after seasonal adjustment, but would have increased modestly except for a large net rise in the number of manufacturing workers off payrolls because of strikes. (Workers on strike are not counted as employed in the payroll employment series, whereas they are classified as employed—with a job but not at work—in the household series.) The slowdown in the pace of payroll employment growth, which began in July, remained evident in November. After allowance for strikes, monthly payroll employment advances have averaged only 80,000 in the June–November period compared to 240,000 in the November 1968 to June 1969 period.

Unemployment

The number of unemployed persons totaled 2.7 million in November. Unemployment usually rises at this time of year, but this November it dropped, as a number of workers unemployed in October either found jobs or left the labor force. After seasonal adjustment, unemployment was down by 360,000 from October, with nearly all of the decline among workers who were either new entrants or re-entrants to the labor force.

The November drop in unemployment was primarily among teenagers, young men (age 20

to 24), and adult women. Jobless rates for teenagers fell from 13.0 to 11.6 percent, for young men from 6.5 to 5.3 percent, and for adult women from 4.0 to 3.5 percent. The over-the-month declines for teenagers and women reduced these unemployment rates to the post-Korean lows of early 1969, while the rate for young men dropped to its mid-summer level.

Jobless rates also moved down for adult men (2.2 percent), married men (1.5 percent), and all full-time workers (3.0 percent), although not to the same extent as for the more marginal workers. The rates of joblessness among these primary workers dropped back to their August levels but were somewhat above their post-Korean lows of early 1969.

Rates of unemployment for white workers (3.1 percent) and Negro workers (6.2 percent) were both down over the month. The November rates were about the same as in August but slightly above the rates posted in early 1969.

Despite the declines in jobless rates for most groups of workers, rates for blue-collar workers (4.2 percent) and for persons who had last worked in the manufacturing industry (3.8 percent) were unchanged over the month. These rates have risen gradually since late spring. For workers covered under State unemployment insurance programs, the jobless rate moved from 2.2 to 2.4 percent over the month. Their rate has also inched upward since late spring.

Industry Employment

Nonfarm payroll employment was virtually unchanged in November but would have shown a modest gain (about 100,000) except for substantially increased strike activity, particularly in manufacturing. Employment gains were reported in State and local government (50,000) and trade and construction (35,000 each).

Manufacturing employment declined by 175,000 between October and November. Most of this decline was attributable to new strike

activity in the durable goods industries, primarily in electrical equipment. However, small employment declines were also reported in most other durable goods industries. The nondurable goods industries reported a job gain of 50,000 in November. Nearly all of the increase occurred in the food industry, reflecting the end of a strike and a rise from the artificially low October employment level in this industry which resulted from a late survey week.

Workweek

The workweek for all rank-and-file workers on private nonagricultural payrolls declined seasonally in November. On a seasonally adjusted basis, the average workweek was unchanged at 37.6 hours, after falling 0.2 hour in October. Except for February 1969, when hours of work were affected by unusually bad weather, this was the lowest level reported since late 1968. A decline in average hours in trade offset longer workweeks in other major industry divisions. The average workweek in manufacturing was unchanged over the month, following a 0.3 hour decline to 40.5 hours in the previous month. The manufacturing workweek was at its lowest level in more than 1-1/2 years (with the exception of February 1969).

For the second month, factory overtime declined, edging down over the month by 0.1 hour to 3.4 hours (seasonally adjusted). In the durable goods sector, overtime registered a 0.3 hour drop from October and was at its lowest point in 2 years (with the exception of April 1968). Since September, overtime in durables has declined

by one-half hour. Overtime hours in nondurable goods industries were unchanged in November.

Earnings

Average hourly earnings for production and nonsupervisory workers on private payrolls were unchanged in November at \$3.11. Hourly earnings were up 19 cents, or 6.5 percent, from a year ago.

Average weekly earnings fell by 62 cents in November to \$116.63, reflecting the seasonal decrease in average weekly hours. Over-the-month declines in construction and trade offset the gains registered in manufacturing and finance, insurance, and real estate. Compared to a year ago, average weekly earnings were up by \$7.13 (6.5 percent).

Labor Force and Total Employment

The civilian labor force totaled 81.4 million workers in November, about 2.2 million more than a year ago. On a seasonally adjusted basis, nearly three-fifths of the over-the-year rise occurred between November 1968 and February 1969. Labor force growth in recent months has slowed significantly.

Total employment was 78.7 million, up 2.1 million over the year. Total nonagricultural employment, which rose sharply in late 1968 and early 1969, has shown only moderate growth in the summer and fall of this year. Employment in agriculture has been on an unusually sharp downward trend since February, although it edged up in November.

New Data on Persons Not in the Labor Force

by Paul O. Flaim*

Regular publication of new data on persons not in the labor force—that is, those who are neither working nor looking for work—begins with this issue of Employment and Earnings and will continue on a quarterly basis. Presentation of these data is designed to answer such questions as: How many of the persons outside the labor force want work but are prevented from looking for a job because of illness, home responsibilities, or other impediments? How many of them are “discouraged workers,” that is, persons who are willing and able to work but think that any search for a job would be in vain? How many have worked previously, and when and why did they leave their last job? How many intend to seek work in the near future? 1/

The new information on nonparticipants in the labor force is based on data collected for the Bureau of Labor Statistics by the Bureau of the Census as part of the Current Population Survey (CPS). This nationwide sample survey is conducted monthly in about 50,000 households and provides the basic national labor force and unemployment data. To obtain the new data, a series of special questions on nonparticipation in the labor force—questions 24A through 24E—were added beginning in January 1967. (A portion of the questionnaire showing these questions appears on page 6.)

Because a person's reasons for being outside the labor force are not likely to change from 1 month to another, the CPS interviewers ask the special questions in only 1 of the 4 consecutive monthly visits to the household. 2/ Repeating the questions every month would unnecessarily lengthen the interview and may even lead to a reduction in cooperation from some of the respondents.

Since the new data on persons not in the labor force are derived from only one-fourth of the CPS sample (or about 12,500 households), they are subject to somewhat greater sampling

variability than are estimates based on the full sample. It is mainly for this reason that the results are presented on a quarterly average basis. Standard errors for these quarterly data may be approximated by applying a factor of 1.4 to the standard errors of the monthly data from the entire CPS sample, shown in tables B, C, and D of the “Technical Note” in the back of this publication.

Comparability with Other Data

The new quarterly data on the nonparticipants in the labor force are designed to supplement some limited data which always have been available from the CPS and appear monthly in table A-3 of this publication. The data in this table, however, describe only the major activity of the nonparticipants, who are classified as either “in school,” “keeping house,” “unable to work,” or “other reasons.”

By asking the additional questions, some of the nonparticipants now can be placed in two additional categories which better describe their reasons for being outside the labor force. These two categories are: “retirement or old age” and “think cannot get job.” More importantly, how many of the nonparticipants want jobs and how

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1/ Some of these new data on the reasons for nonparticipation in the labor force already have been presented and analyzed in a recent Special Labor Force Report. See Paul O. Flaim, “Persons Not in the Labor Force: Who They Are and Why They Don't Work,” Monthly Labor Review, July 1969, pp. 3-14. A companion report now being prepared will focus on the nonparticipants as a labor force reserve.

2/ A household selected for the CPS sample is visited by interviewers for an initial period of 4 consecutive months. The household is then dropped from the survey for an 8-month interval before being returned to the sample for a second 4-month period.

many intend to seek work in the future can now be determined. Additional information also is gathered about their education, previous work experience, and reasons for leaving their last job.

The classification of the nonparticipants on the basis of the data obtained through this special series of questions (24A-D) is carried out as follows: If he states that he wants a job (24C), he is generally classified according to the reasons for not seeking work cited in answer to 24D, with ill health and disability given priority over other reasons. If he does not want a job when interviewed but has worked during the preceding 5 years, the nonparticipant is classified either on the basis of his major activity during the reference week (question 19) or his reasons for leaving his last job (24B), whichever is deemed to describe more accurately his current status. If he neither wants a job when interviewed nor has worked in the preceding 5 years, his classification is based solely on his activity during the reference week.

The classification system for the new data on the nonparticipants is not without some problems and limitations. One such problem arises when persons give more than one reason for not seeking work. When this occurs, they are generally classified according to the reason or impediment which is deemed to be the most serious obstacle to participation. Under this system, ill health and disability are given priority over other reasons. Thus, a woman citing both family responsibilities and poor health as reasons for not seeking work would be placed in the "ill health, disability" category. Although both conditions may be equally forbidding to her, she could conceivably make some arrangement whereby she could work despite the family needs, but she would generally have much less control over her health conditions.

Because of technical problems arising from separate estimating procedures, the total number of nonparticipants as computed from the one-fourth sample may differ slightly from data derived from the entire CPS. For most demographic groups, these differences are usually very minor.

More important differences between the two series of data arise in the classification of the nonparticipants according to their reasons for not seeking work. These differences are outlined schematically at the end of this article.

The Tables

The new quarterly data on persons not in the labor force will be presented in 10 special tables. In addition to classifying the nonparticipants according to their reasons for being outside the labor force, these tables also will contain information on the job desire of these persons, their previous work experience, and their future jobseeking intentions.

Three of the 10 tables—1, 6, and 9—will present data only for the most recent quarter. The other seven tables will present data for the comparable year-ago quarter as well as for the most recent one. The 10 tables which are published in this issue on pages 10-17 cover the third quarter of 1969, and seven of them also present comparable data for the third quarter of 1968.

In addition to these 10 tables, which will be published on a regular quarterly basis, this issue contains a series of special tables which present historical quarterly data on persons outside the labor force from the first quarter of 1967 through the second quarter of 1969. Whereas the data in the regular tables are presented by age group as well as by sex and race, the special tables contain no age detail and more limited coverage of other characteristics.

Portion of Current Population Survey questionnaire showing questions used to obtain data on persons not in labor force

<p>18. Line No.</p> <p>19. What was . . . doing most of LAST WEEK-</p> <p style="margin-left: 20px;">Working <input type="checkbox"/></p> <p style="margin-left: 20px;">Keeping house <input type="checkbox"/></p> <p style="margin-left: 20px;">Going to school or something else <input type="checkbox"/></p> <p>Working (Skip to 20A) . . . WK <input type="checkbox"/></p> <p>With a job but not at work J <input type="checkbox"/></p> <p>Looking for work LK <input type="checkbox"/></p> <p>Keeping house H <input type="checkbox"/></p> <p>Going to school S <input type="checkbox"/></p> <p>Unable to work (Go to 24) U <input type="checkbox"/></p> <p>Other (Specify) OT <input type="checkbox"/></p>	<p>20. Did . . . do any work at all LAST WEEK, not counting work around the house? (Note: If farm or business operator in hh, ask about unpaid work)</p> <p style="text-align: center;">Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 21)</p> <p>20A. How many hours did . . . work LAST WEEK at all jobs?</p> <p style="text-align: center;">49 <input type="checkbox"/> (Skip to item 22)</p> <p style="text-align: center;">1-34 <input type="checkbox"/> (Go to 20C)</p> <p style="text-align: center;">35-49 <input type="checkbox"/> (Go to 20B)</p> <p>20B. INTERVIEWER CHECK ITEM</p> <p>20C. Does . . . USUALLY work 35 hours or more a week at this job?</p> <p style="margin-left: 20px;">Yes <input type="checkbox"/> What is the reason . . . worked less than 35 hours LAST WEEK?</p> <p style="margin-left: 20px;">No <input type="checkbox"/> What is the reason . . . USUALLY works less than 35 hours a week? (Mark the appropriate reason)</p> <p>Slack work <input type="checkbox"/></p> <p>Material shortage . . . <input type="checkbox"/></p> <p>Plant or machine repair . . . <input type="checkbox"/></p> <p>New job started during week <input type="checkbox"/></p> <p>Job terminated during week <input type="checkbox"/></p> <p>Could find only part-time work <input type="checkbox"/></p> <p>Holiday (Legal or religious) . . . <input type="checkbox"/></p> <p>Labor dispute <input type="checkbox"/></p> <p>Bad weather <input type="checkbox"/></p> <p>Own illness <input type="checkbox"/></p> <p>On vacation <input type="checkbox"/></p> <p>Too busy with housework, school, personal bus. etc. <input type="checkbox"/></p> <p>Did not want full-time work <input type="checkbox"/></p> <p>Full-time work week under 35 hours <input type="checkbox"/></p> <p>Other reason (Specify) <input type="checkbox"/></p> <p>(Skip to 23 and enter job worked at last week)</p>	<p>21. (If J in 19, skip to 21A.) Did . . . have a job or business from which he was temporarily absent or on layoff LAST WEEK?</p> <p style="text-align: center;">Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 22)</p> <p>21A. Why was . . . absent from work LAST WEEK?</p> <p>Own illness <input type="checkbox"/></p> <p>On vacation <input type="checkbox"/></p> <p>Bad weather <input type="checkbox"/></p> <p>Labor dispute <input type="checkbox"/></p> <p>New job to begin within 30 days (Ask 22B and 22C) <input type="checkbox"/></p> <p>Temporary layoff (Under 30 days) <input type="checkbox"/> (Ask 22C)</p> <p>Indefinite layoff (30 days or more or no def. recall date) <input type="checkbox"/> (Ask 22C)</p> <p>Other (Specify) <input type="checkbox"/></p> <p>21B. Is . . . getting wages or salary for any of the time off LAST WEEK?</p> <p style="margin-left: 20px;">Yes <input type="checkbox"/></p> <p style="margin-left: 20px;">No <input type="checkbox"/></p> <p style="margin-left: 20px;">Self employed <input type="checkbox"/></p> <p>21C. Does . . . usually work 35 hours or more a week at this job?</p> <p style="margin-left: 20px;">Yes <input type="checkbox"/></p> <p style="margin-left: 20px;">No <input type="checkbox"/></p> <p style="text-align: center;">(Go to 23 and enter job held last week)</p>	<p>22. (If LK in 19, skip to 22A.) Has . . . been looking for work during the past 4 weeks?</p> <p style="text-align: center;">Yes <input type="checkbox"/> No <input type="checkbox"/> (Go to 24)</p> <p>22A. What has . . . been doing in the last 4 weeks to find work? (Mark all methods used; do not read list.)</p> <p>Checked with-</p> <p style="margin-left: 20px;">pub. employ. agency <input type="checkbox"/></p> <p style="margin-left: 20px;">pvt. employ. agency <input type="checkbox"/></p> <p style="margin-left: 20px;">employer directly <input type="checkbox"/></p> <p style="margin-left: 20px;">friends or relatives <input type="checkbox"/></p> <p>Placed or answered ads <input type="checkbox"/></p> <p>Nothing (Skip to 24) <input type="checkbox"/></p> <p>Other (Specify in notes, e.g., M.F.A., nation or prof. register, etc.) <input type="checkbox"/></p> <p>22B. Why did . . . start looking for work? Was it because . . . last or quit a job at that time (specify) or was there some other reason?</p> <p style="margin-left: 20px;">Last job <input type="checkbox"/></p> <p style="margin-left: 20px;">Quit job <input type="checkbox"/></p> <p style="margin-left: 20px;">Left school <input type="checkbox"/></p> <p style="margin-left: 20px;">Wanted temporary work <input type="checkbox"/></p> <p style="margin-left: 20px;">Other (Specify in notes) <input type="checkbox"/></p> <p>22C. 1) How many weeks has . . . been looking for work?</p> <p style="margin-left: 20px;">2) How many weeks ago did . . . start looking for work?</p> <p style="margin-left: 20px;">3) How many weeks ago was . . . laid off?</p> <p>22D. Has . . . been looking for full-time or part-time work?</p> <p style="margin-left: 20px;">Full <input type="checkbox"/> Part <input type="checkbox"/> <input checked="" type="checkbox"/></p> <p>22E. Is there any reason why . . . could not take a job LAST WEEK?</p> <p style="margin-left: 20px;">Already has a job <input type="checkbox"/></p> <p style="margin-left: 20px;">Yes <input type="checkbox"/> Temporary illness <input type="checkbox"/></p> <p style="margin-left: 20px;">No <input type="checkbox"/> Going to school <input type="checkbox"/></p> <p style="margin-left: 20px;">Other (Specify in notes) <input type="checkbox"/></p> <p>22F. When did . . . last work at a full-time job or business (lasting 2 consecutive weeks or more)?</p> <p>1964 or later (Write month and year) <input type="checkbox"/></p> <p>(Month and year) <input type="checkbox"/></p> <p>Before 1964 <input type="checkbox"/></p> <p>Never worked full-time 2 wks. or more <input type="checkbox"/></p> <p>Never worked at all <input type="checkbox"/></p> <p>(Enter in 23, last full-time civilian job lasting 2 weeks or more, job from which laid off, or "Never Worked")</p>	<p>24. INTERVIEWER CHECK ITEM</p> <p><input type="checkbox"/> Unit not in 1st or 5th month (End questions)</p> <p><input type="checkbox"/> Unit in 1st or 5th month (Ask 24A-E)</p> <p>24A. When did . . . last work for pay at a regular job or business, either full- or part-time?</p> <p style="margin-left: 20px;">Within past 12 months <input type="checkbox"/></p> <p style="margin-left: 20px;">1 up to 2 years ago <input type="checkbox"/></p> <p style="margin-left: 20px;">2 up to 3 years ago <input type="checkbox"/> (Go to 24B)</p> <p style="margin-left: 20px;">3 up to 4 years ago <input type="checkbox"/></p> <p style="margin-left: 20px;">4 up to 5 years ago <input type="checkbox"/></p> <p style="margin-left: 20px;">5 or more years ago <input type="checkbox"/> (Skip to 24C)</p> <p style="margin-left: 20px;">Never worked <input type="checkbox"/></p> <p>24B. Why did . . . leave that job?</p> <p style="margin-left: 20px;">Personal, family (Incl. pregnancy) or school . . . <input type="checkbox"/></p> <p style="margin-left: 20px;">Health <input type="checkbox"/></p> <p style="margin-left: 20px;">Retirement or old age <input type="checkbox"/></p> <p style="margin-left: 20px;">Seasonal job completed <input type="checkbox"/></p> <p style="margin-left: 20px;">Slack work or business conditions . . . <input type="checkbox"/></p> <p style="margin-left: 20px;">Temporary nonseasonal job completed <input type="checkbox"/></p> <p style="margin-left: 20px;">Unsatisfactory work arrangements (Hours, pay, etc.) <input type="checkbox"/></p> <p style="margin-left: 20px;">Other <input type="checkbox"/></p> <p>24C. Does . . . want a regular job now, either full- or part-time?</p> <p style="margin-left: 20px;">Yes <input checked="" type="checkbox"/> (Go to 24D)</p> <p style="margin-left: 20px;">Maybe it depends (Specify in notes) <input type="checkbox"/> (Go to 24D)</p> <p style="margin-left: 20px;">No <input type="checkbox"/> (Go to 24E)</p> <p style="margin-left: 20px;">Don't know <input type="checkbox"/> (Go to 24E)</p> <p>24D. What are the reasons . . . is not looking for work? (Mark each reason mentioned)</p> <p><input type="checkbox"/> Believes no work available in line of work or area <input type="checkbox"/></p> <p><input type="checkbox"/> Couldn't find any work <input type="checkbox"/></p> <p><input type="checkbox"/> Lacks nec. schooling, training, skills or experience <input type="checkbox"/></p> <p><input type="checkbox"/> Employers think too young or too old <input type="checkbox"/></p> <p><input type="checkbox"/> Other pers. handicap in finding job <input type="checkbox"/></p> <p><input type="checkbox"/> Can't arrange child care <input checked="" type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> Family responsibilities <input type="checkbox"/></p> <p><input type="checkbox"/> In school or other training <input type="checkbox"/></p> <p><input type="checkbox"/> Ill health, physical disability <input type="checkbox"/></p> <p><input type="checkbox"/> Other (Specify in notes) <input type="checkbox"/></p> <p><input type="checkbox"/> Don't know <input type="checkbox"/></p> <p>24E. Does . . . intend to look for work of any kind in the next 12 months?</p> <p style="margin-left: 20px;">Yes <input type="checkbox"/></p> <p style="margin-left: 20px;">It depends (Specify in notes) <input type="checkbox"/></p> <p style="margin-left: 20px;">No <input type="checkbox"/></p> <p style="margin-left: 20px;">Don't know <input type="checkbox"/></p> <p style="text-align: center;">(If entry in 24B, describe job in 23)</p>																																																			
<p>20C. Does . . . USUALLY work 35 hours or more a week at this job?</p> <p style="margin-left: 20px;">Yes <input type="checkbox"/> What is the reason . . . worked less than 35 hours LAST WEEK?</p> <p style="margin-left: 20px;">No <input type="checkbox"/> What is the reason . . . USUALLY works less than 35 hours a week? (Mark the appropriate reason)</p> <p>Slack work <input type="checkbox"/></p> <p>Material shortage . . . <input type="checkbox"/></p> <p>Plant or machine repair . . . <input type="checkbox"/></p> <p>New job started during week <input type="checkbox"/></p> <p>Job terminated during week <input type="checkbox"/></p> <p>Could find only part-time work <input type="checkbox"/></p> <p>Holiday (Legal or religious) . . . <input type="checkbox"/></p> <p>Labor dispute <input type="checkbox"/></p> <p>Bad weather <input type="checkbox"/></p> <p>Own illness <input type="checkbox"/></p> <p>On vacation <input type="checkbox"/></p> <p>Too busy with housework, school, personal bus. etc. <input type="checkbox"/></p> <p>Did not want full-time work <input type="checkbox"/></p> <p>Full-time work week under 35 hours <input type="checkbox"/></p> <p>Other reason (Specify) <input type="checkbox"/></p> <p>(Skip to 23 and enter job worked at last week)</p>		<p>20D. Did . . . lose any time or take any time off LAST WEEK for any reason such as illness, holiday or slack work?</p> <p style="margin-left: 20px;">Yes <input type="checkbox"/> How many hours did . . . take off?</p> <p style="margin-left: 20px;">No <input type="checkbox"/> (Correct 20A if lost time not already deducted; if 20A reduced below 35, correct 20B and fill 20C; otherwise, skip to 23.)</p> <p>20E. Did . . . work any overtime or at more than one job LAST WEEK?</p> <p style="margin-left: 20px;">Yes <input type="checkbox"/> How many extra hours did . . . work?</p> <p style="margin-left: 20px;">No <input type="checkbox"/> (Correct 20A and 20B as necessary if extra hours not already included and skip to 23.)</p> <p style="text-align: center;">(Skip to 23)</p>		<p style="text-align: center;">OFFICE USE ONLY</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">INDUSTRY</th> <th style="width: 50%;">OCCUPATION</th> </tr> </thead> <tbody> <tr> <td>0 <input type="checkbox"/></td> <td>A <input type="checkbox"/></td> <td>0 <input type="checkbox"/></td> <td>N <input type="checkbox"/></td> </tr> <tr> <td>1 <input type="checkbox"/></td> <td>B <input type="checkbox"/></td> <td>1 <input type="checkbox"/></td> <td>P <input type="checkbox"/></td> </tr> <tr> <td>2 <input type="checkbox"/></td> <td>C <input type="checkbox"/></td> <td>2 <input type="checkbox"/></td> <td>Q <input type="checkbox"/></td> </tr> <tr> <td>3 <input type="checkbox"/></td> <td>D <input type="checkbox"/></td> <td>3 <input type="checkbox"/></td> <td>R <input type="checkbox"/></td> </tr> <tr> <td>4 <input type="checkbox"/></td> <td>E <input type="checkbox"/></td> <td>4 <input type="checkbox"/></td> <td>S <input type="checkbox"/></td> </tr> <tr> <td>5 <input type="checkbox"/></td> <td>F <input type="checkbox"/></td> <td>5 <input type="checkbox"/></td> <td>T <input type="checkbox"/></td> </tr> <tr> <td>6 <input type="checkbox"/></td> <td>G <input type="checkbox"/></td> <td>6 <input type="checkbox"/></td> <td>U <input type="checkbox"/></td> </tr> <tr> <td>7 <input type="checkbox"/></td> <td>H <input type="checkbox"/></td> <td>7 <input type="checkbox"/></td> <td>V <input type="checkbox"/></td> </tr> <tr> <td>8 <input type="checkbox"/></td> <td>I <input type="checkbox"/></td> <td>8 <input type="checkbox"/></td> <td>W <input type="checkbox"/></td> </tr> <tr> <td>9 <input type="checkbox"/></td> <td>K <input type="checkbox"/></td> <td>9 <input type="checkbox"/></td> <td>X <input type="checkbox"/></td> </tr> <tr> <td></td> <td>L <input type="checkbox"/></td> <td></td> <td>Y <input type="checkbox"/></td> </tr> <tr> <td></td> <td>M <input type="checkbox"/></td> <td></td> <td>Z <input type="checkbox"/></td> </tr> </tbody> </table>		INDUSTRY	OCCUPATION	0 <input type="checkbox"/>	A <input type="checkbox"/>	0 <input type="checkbox"/>	N <input type="checkbox"/>	1 <input type="checkbox"/>	B <input type="checkbox"/>	1 <input type="checkbox"/>	P <input type="checkbox"/>	2 <input type="checkbox"/>	C <input type="checkbox"/>	2 <input type="checkbox"/>	Q <input type="checkbox"/>	3 <input type="checkbox"/>	D <input type="checkbox"/>	3 <input type="checkbox"/>	R <input type="checkbox"/>	4 <input type="checkbox"/>	E <input type="checkbox"/>	4 <input type="checkbox"/>	S <input type="checkbox"/>	5 <input type="checkbox"/>	F <input type="checkbox"/>	5 <input type="checkbox"/>	T <input type="checkbox"/>	6 <input type="checkbox"/>	G <input type="checkbox"/>	6 <input type="checkbox"/>	U <input type="checkbox"/>	7 <input type="checkbox"/>	H <input type="checkbox"/>	7 <input type="checkbox"/>	V <input type="checkbox"/>	8 <input type="checkbox"/>	I <input type="checkbox"/>	8 <input type="checkbox"/>	W <input type="checkbox"/>	9 <input type="checkbox"/>	K <input type="checkbox"/>	9 <input type="checkbox"/>	X <input type="checkbox"/>		L <input type="checkbox"/>		Y <input type="checkbox"/>		M <input type="checkbox"/>		Z <input type="checkbox"/>
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3 <input type="checkbox"/>	D <input type="checkbox"/>	3 <input type="checkbox"/>	R <input type="checkbox"/>																																																				
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	L <input type="checkbox"/>		Y <input type="checkbox"/>																																																				
	M <input type="checkbox"/>		Z <input type="checkbox"/>																																																				
<p>23. DESCRIPTION OF JOB OR BUSINESS</p> <p>23A. For whom did . . . work? (Name of company, business, organization or other employer.)</p> <p>23B. What kind of business or industry is this? (For example: TV and radio mfg., retail store, State Labor Dept., farm.)</p> <p>23C. What kind of work was . . . doing? (For example: electrical engineer, stock clerk, typist, farmer.)</p> <p>23D. Was this person</p> <p style="margin-left: 20px;">An employee of PRIVATE Co., bus., or individual for wages, salary or comm. P <input type="checkbox"/></p> <p style="margin-left: 20px;">A GOVT. employee (Federal, State, or county) G <input type="checkbox"/></p> <p style="margin-left: 20px;">Self-employed in OWN bus., prof. practice, or farm. O <input type="checkbox"/></p> <p style="margin-left: 20px;">Working WITHOUT PAY in fam. bus. or farm. WP <input type="checkbox"/></p> <p style="margin-left: 20px;">NEVER WORKED NEV <input type="checkbox"/></p> <p style="margin-left: 40px;">(If not a farm) Is the business incorporated? Yes <input type="checkbox"/> No <input type="checkbox"/></p>																																																							

PRINCIPAL DIFFERENCES BETWEEN TWO SERIES OF DATA ON
NONPARTICIPATION IN LABOR FORCE

Data obtained through regular
interview of all nonparticipants
in CPS sample

Data obtained through special series of
questions asked of one-fourth of
nonparticipants in CPS sample

“Going to school”—Includes all the nonparticipants who report “going to school” as their major activity during the reference week (question 19).

“Unable to work”—This group includes only those persons who are afflicted by a physical or mental ailment or disability which is expected to prevent them from working for at least 6 months.

“Keeping house”—This group includes all those persons (mostly women) who report housekeeping as their major activity during the reference week.

“Other reasons”—This group includes all nonparticipants whose activity during the reference week does not fall within the three categories discussed above. (In the new data obtained from

“In school”—In addition to all the nonparticipants who report “going to school” as their major activity during the reference week (question 19), this group includes a small number of persons who, in response to 24D, give “in school or other training” as their reason for not seeking work. As a result, the number of “in school” nonparticipants obtained through the additional questions asked of one-fourth of the CPS sample is slightly higher (about 1 percent) than the number obtained through the regular interview of the entire sample.

“Ill health, disability”—This group includes all persons who attribute their nonparticipation in the labor force to ill health or disability, regardless of the intensity or expected duration of the condition afflicting them. Consequently, the number of nonparticipants placed in the “ill health or disability category” is about twice as large as the number of nonparticipants classified as “unable to work.”

“Home responsibilities”—This category of nonparticipants is roughly synonymous to the “keeping house” group obtained from the entire CPS sample. However, it excludes those persons who, although having kept house during the reference week, cite an illness or disability as the reasons for leaving their last job or as an obstacle to current work-seeking, or who think that it would be impossible for them to find a job. Because of this, the average number of persons placed in the “home responsibilities” category runs about 6 to 7 percent lower than the number classified as “keeping house.”

“Retirement or old age”—The nonparticipants placed in this category through the additional questions are part of those who fall within the “other reasons” category in data collected from

Data obtained through regular
interview of all nonparticipants
in CPS sample

one-fourth of the CPS sample, this group of nonparticipants is divided roughly into the three groups listed in the opposite column: "Retirement or old age," "think cannot get job," and "all other reasons.")

Data obtained through special series of
questions asked of one-fourth of
nonparticipants in CPS sample

the entire sample. However, this group does not include all persons who might consider themselves "retired" in terms of having permanently separated themselves from their jobs. As used here, the retirement or old age concept applies, first of all, only to persons 60 years and over who have not worked during the previous 5 years and to persons who, regardless of their age, have left their last job because of "retirement or old age." Even within these two groups, however, a person is not classified as retired if reported as either wanting a job, keeping house (which allows few women to be classified as retired), or if prevented from seeking work by an illness or disability.

"Think cannot get job"—This category includes all nonparticipants who say they want a job (24C) but add that they think it would be impossible for them to find work (24D). These persons are often referred to as "discouraged workers."

"All other reasons"—This group includes all the nonparticipants who, even on the basis of their responses to the additional questions, cannot be placed in any of the five categories discussed above.

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HOUSEHOLD DATA

QUARTERLY AVERAGES

**Table 1. Labor force status of civilian noninstitutional population by age, sex, and reasons for nonparticipation
3rd quarter, 1969**

Labor force status and reasons for nonparticipation	Total	Age in years							
		16-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over
Total									
Civilian noninstitutional population (in thousands) . . .	134,595	14,096	14,561	23,711	22,678	22,866	9,790	8,195	18,699
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	61.0	57.9	70.5	68.7	72.0	73.0	68.8	53.7	17.3
Not in labor force	39.0	42.1	29.5	31.3	28.0	27.0	31.2	46.3	82.7
In school	2.7	18.1	5.5	.7	.2	.1	--	--	--
Ill health, disability	3.4	.8	1.1	1.3	2.2	3.8	5.1	7.4	8.3
Home responsibilities	24.6	6.4	18.5	27.1	23.6	20.7	22.2	29.9	44.5
Retirement, old age	4.3	--	--	--	--	.1	.4	6.7	27.8
Think cannot get job . . . . .	.4	1.2	.4	.3	.2	.3	.4	.5	.5
All other reasons	3.6	15.6	4.1	1.9	1.7	2.0	3.0	1.8	1.5
Male									
Civilian noninstitutional population (in thousands)	62,990	6,913	6,409	11,330	10,878	10,965	4,665	3,826	8,005
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	81.6	66.2	87.5	97.1	96.9	94.4	89.7	75.5	27.7
Not in labor force	18.4	33.8	12.5	2.9	3.1	5.6	10.3	24.5	72.3
In school	2.8	17.2	6.9	.8	.1	--	--	--	--
Ill health, disability	3.6	.9	.9	.9	1.8	3.7	5.6	9.9	10.1
Home responsibilities . . . . .	.3	.4	.1	.1	.1	.1	.2	.5	1.3
Retirement, old age	8.1	--	--	--	--	.1	.8	11.8	57.5
Think cannot get job . . . . .	.3	1.1	.2	.1	.1	.1	.1	.5	.7
All other reasons	3.3	14.2	4.3	1.0	1.0	1.5	3.6	1.8	2.8
Female									
Civilian noninstitutional population (in thousands) . . .	71,605	7,182	8,152	12,381	11,801	11,900	5,125	4,369	10,694
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	42.9	50.0	57.0	42.7	49.0	53.2	49.8	34.6	9.5
Not in labor force	57.1	50.0	43.0	57.3	51.0	46.8	50.2	65.4	90.5
In school	2.6	19.0	4.3	.6	.3	.2	.1	--	--
Ill health, disability	3.3	.8	1.3	1.7	2.7	3.9	4.7	5.2	7.0
Home responsibilities	45.9	12.1	33.0	51.9	45.3	39.7	42.2	55.7	76.8
Retirement, old age	1.0	--	--	--	--	--	--	2.1	5.6
Think cannot get job . . . . .	.5	1.3	.5	.4	.4	.5	.7	.5	.5
All other reasons	3.8	16.9	3.9	2.7	2.3	2.4	2.4	1.9	.6

HOUSEHOLD DATA QUARTERLY AVERAGES

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

Nonparticipants by reason for status	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968
Thousands of persons										
Total	52,496	52,344	5,929	5,982	4,301	4,263	23,004	23,274	19,262	18,825
In school	3,602	3,622	2,555	2,597	795	758	244	259	9	9
Ill health, disability	4,620	4,347	113	97	162	174	2,186	2,063	2,159	2,012
Home responsibilities	33,065	33,640	901	1,012	2,691	2,735	18,706	19,263	10,766	10,628
Retirement, old age	5,812	5,598	--	--	--	--	60	48	5,748	5,551
Think cannot get job	597	724	165	184	54	66	235	277	143	196
All other reasons	4,800	4,413	2,196	2,092	600	527	1,573	1,364	437	429
Male	11,614	11,268	2,334	2,342	799	761	1,753	1,636	6,729	6,529
In school	1,742	1,769	1,189	1,234	442	412	109	119	4	4
Ill health, disability	2,257	2,156	59	54	60	86	956	933	1,184	1,084
Home responsibilities	196	159	31	12	4	4	41	40	121	102
Retirement, old age	5,115	4,979	--	--	--	--	56	41	5,057	4,938
Think cannot get job	204	231	74	76	16	10	41	45	73	101
All other reasons	2,100	1,973	983	967	278	249	551	457	290	300
Female	40,882	41,077	3,594	3,640	3,502	3,502	21,251	21,639	12,534	12,295
In school	1,860	1,853	1,366	1,364	353	346	135	140	6	4
Ill health, disability	2,362	2,191	54	44	102	90	1,230	1,131	975	928
Home responsibilities	32,868	33,481	870	1,000	2,687	2,731	18,667	19,223	10,646	10,526
Retirement, old age	697	619	--	--	--	--	4	7	692	612
Think cannot get job	393	493	91	108	38	56	195	233	70	95
All other reasons	2,701	2,440	1,213	1,126	321	278	1,020	908	147	130
Percent distribution										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	6.9	6.9	43.1	43.4	18.5	17.8	1.1	1.1	--	--
Ill health, disability	8.8	8.3	1.9	1.6	3.8	4.1	9.5	8.9	11.2	10.7
Home responsibilities	63.0	64.3	15.2	16.9	62.6	64.2	81.3	82.8	55.9	56.5
Retirement, old age	11.1	10.7	--	--	--	--	.3	.2	29.8	29.5
Think cannot get job	1.1	1.4	2.8	3.1	1.3	1.5	1.0	1.2	.7	1.0
All other reasons	9.1	8.4	37.1	35.0	13.9	12.4	6.8	5.9	2.3	2.3
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	15.0	15.7	50.9	52.7	55.3	54.1	6.2	7.3	.1	.1
Ill health, disability	19.4	19.1	2.5	2.3	7.5	11.3	54.5	57.1	17.6	16.6
Home responsibilities	1.7	1.4	1.3	.5	.5	.5	2.3	2.4	1.8	1.6
Retirement, old age	44.0	44.2	--	--	--	--	3.2	2.5	75.2	75.6
Think cannot get job	1.8	2.1	3.2	3.2	2.0	1.3	2.3	2.8	1.1	1.5
All other reasons	18.1	17.5	42.1	41.3	34.8	32.7	31.4	28.0	4.3	4.6
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	4.5	4.5	38.0	37.5	10.1	9.9	.6	.6	--	--
Ill health, disability	5.8	5.3	1.5	1.2	2.9	2.6	5.8	5.2	7.8	7.5
Home responsibilities	80.4	81.5	24.2	27.5	76.7	78.0	87.8	88.8	84.9	85.6
Retirement, old age	1.7	1.5	--	--	--	--	--	--	5.5	5.0
Think cannot get job	1.0	1.2	2.5	3.0	1.1	1.6	.9	1.1	.6	.8
All other reasons	6.6	5.9	33.8	30.9	9.2	7.9	4.8	4.2	1.2	1.1

HOUSEHOLD DATA

QUARTERLY AVERAGES

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

Nonparticipants by reason for status	Total		Age in years					
			16-24		25-59		60 and over	
	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968
White								
Male (in thousands)	10,226	9,951	2,682	2,655	1,401	1,324	6,144	5,973
In school	1,495	1,523	1,398	1,431	94	87	4	4
Ill health, disability	1,816	1,724	102	106	729	731	986	887
Home responsibilities	181	137	35	12	36	31	111	94
Retirement, old age	4,782	4,658	--	--	54	39	4,726	4,619
Think cannot get job	160	195	63	59	33	42	65	94
All other reasons	1,793	1,714	1,087	1,047	454	394	254	274
Female (in thousands)	36,991	37,222	6,083	6,195	19,341	19,675	11,567	11,351
In school	1,536	1,588	1,411	1,466	120	118	6	4
Ill health, disability	1,844	1,669	128	109	924	828	791	733
Home responsibilities	30,336	30,870	3,141	3,311	17,259	17,719	9,935	9,839
Retirement, old age	640	568	--	--	2	7	636	561
Think cannot get job	295	386	92	126	140	170	63	90
All other reasons	2,341	2,141	1,311	1,182	893	837	136	122
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	14.6	15.3	52.1	53.9	6.7	6.6	.1	.1
Ill health, disability	17.8	17.3	3.8	4.0	52.1	55.2	16.0	14.9
Home responsibilities	1.8	1.4	1.3	.5	2.6	2.3	1.8	1.6
Retirement, old age	46.8	46.8	--	--	3.9	2.9	76.9	77.3
Think cannot get job	1.6	2.0	2.3	2.2	2.4	3.2	1.1	1.6
All other reasons	17.5	17.2	40.5	39.4	32.4	29.8	4.1	4.6
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	4.2	4.3	23.2	23.7	.6	.6	.1	--
Ill health, disability	5.0	4.5	2.1	1.8	4.8	4.2	6.8	6.5
Home responsibilities	82.0	82.9	51.6	53.5	89.2	90.0	85.9	86.7
Retirement, old age	1.7	1.5	--	--	--	--	5.5	4.9
Think cannot get job . . . . .	.8	1.0	1.5	2.0	.7	.9	.5	.8
All other reasons	6.3	5.8	21.5	19.1	4.6	4.3	1.2	1.1
Negro and other races								
Male (in thousands)	1,387	1,316	452	447	352	312	584	556
In school	247	246	232	214	15	32	--	--
Ill health, disability	442	432	17	33	226	202	197	196
Home responsibilities	15	22	--	5	5	9	11	7
Retirement, old age	334	321	--	--	2	2	331	319
Think cannot get job	44	36	28	26	8	3	9	7
All other reasons	307	259	175	169	96	64	36	26
Female (in thousands)	3,890	3,855	1,014	947	1,911	1,964	967	945
In school	324	265	308	243	16	22	--	--
Ill health, disability	519	522	27	24	307	302	183	195
Home responsibilities	2,532	2,611	416	420	1,407	1,505	710	686
Retirement, old age	57	51	--	--	2	--	55	51
Think cannot get job	98	107	36	38	55	64	7	4
All other reasons	360	300	223	221	124	71	11	7
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	17.8	18.7	51.3	47.9	4.3	10.3	--	--
Ill health, disability	31.8	32.8	3.8	7.4	64.2	64.7	33.7	35.3
Home responsibilities	1.1	1.7	--	1.1	1.4	2.9	1.9	1.3
Retirement, old age	24.0	24.4	--	--	.6	.6	56.7	57.4
Think cannot get job	3.2	2.7	6.2	5.8	2.3	1.0	1.5	1.3
All other reasons	22.1	19.7	38.7	37.8	27.3	20.5	6.2	4.7
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	8.3	6.9	30.5	25.7	.8	1.1	--	--
Ill health, disability	13.3	13.5	2.7	2.5	16.1	15.4	18.9	20.7
Home responsibilities	65.1	67.7	41.2	44.4	73.6	76.6	73.5	72.7
Retirement, old age	1.5	1.3	--	--	.1	--	5.7	5.4
Think cannot get job	2.5	2.8	3.6	4.0	2.9	3.3	.7	.4
All other reasons	9.3	7.8	22.1	23.4	6.5	3.6	1.1	.7

HOUSEHOLD DATA QUARTERLY AVERAGES

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

Reasons for not seeking work	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968
Thousands of persons										
Total not in labor force . . .	52,496	52,344	5,929	5,982	4,301	4,263	23,004	23,274	19,262	18,825
Do not want job now . . .	48,153	48,099	4,951	5,097	3,696	3,679	20,740	21,040	18,764	18,285
Want job now - total	4,343	4,245	978	885	605	584	2,264	2,234	499	540
In school	575	559	421	400	111	113	42	44	2	3
Ill health, disability	678	657	37	25	29	37	430	415	183	179
Home responsibilities	1,426	1,409	98	104	236	237	1,051	1,016	42	51
Think cannot get job	597	724	165	184	54	66	235	277	143	196
All other reasons	1,067	896	257	172	175	131	506	482	129	111
Male	1,070	1,033	400	385	153	131	284	265	235	256
In school	272	320	201	227	62	72	10	19	--	2
Ill health, disability	301	289	21	14	13	18	163	152	104	107
Think cannot get job	204	231	74	76	16	10	41	45	73	101
All other reasons ¹	293	193	104	68	62	31	70	49	58	46
Female	3,271	3,213	579	501	453	454	1,979	1,972	264	284
In school	302	240	220	173	50	40	32	25	2	1
Ill health, disability	376	368	17	12	15	21	266	264	79	72
Home responsibilities	1,399	1,392	88	104	233	237	1,045	1,007	34	43
Think cannot get job	393	493	91	108	38	56	195	233	70	95
All other reasons	801	720	163	104	117	100	441	443	79	73
Percent distribution										
Want job now - total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	13.2	13.2	43.0	45.2	18.3	19.3	1.9	2.0	.4	.6
Ill health, disability	15.6	15.5	3.8	2.8	4.8	6.3	19.0	18.6	36.7	33.1
Home responsibilities	32.8	33.2	10.0	11.8	39.0	40.6	46.4	45.5	8.4	9.4
Think cannot get job	13.7	17.1	16.9	20.8	8.9	11.3	10.4	12.4	28.7	36.3
All other reasons	24.6	21.1	26.3	19.4	28.9	22.4	22.3	21.6	25.9	20.6
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	25.4	31.0	50.3	59.0	40.5	55.0	3.5	7.2	--	.8
Ill health, disability	28.1	28.0	5.3	3.6	8.5	13.7	57.4	57.4	44.3	41.8
Think cannot get job	19.1	22.4	18.5	19.7	10.5	7.6	14.4	17.0	31.1	39.5
All other reasons ¹	27.4	18.7	26.0	17.7	40.5	23.7	24.6	18.5	24.7	18.0
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	9.2	7.5	38.0	34.5	11.0	8.8	1.6	1.3	.8	.4
Ill health, disability	11.5	11.5	2.9	2.4	3.3	4.6	13.4	13.4	29.9	25.4
Home responsibilities	42.8	43.3	15.2	20.8	51.4	52.2	52.8	51.1	12.9	15.1
Think cannot get job	12.0	15.3	15.7	21.6	8.4	12.3	9.9	11.8	26.5	33.5
All other reasons	24.5	22.4	28.2	20.8	25.8	22.0	22.3	22.5	29.9	25.7

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

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

Reasons for not seeking work	White				Negro and other races			
	Male		Female		Male		Female	
	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968
Thousands of persons								
Total not in labor force	10,226	9,951	36,991	37,222	1,387	1,316	3,890	3,855
Do not want job now	9,350	9,110	34,359	34,675	1,192	1,125	3,250	3,189
Want job now	876	841	2,632	2,547	195	191	640	666
In school	224	264	227	174	49	55	75	65
Ill health, disability	237	213	272	256	64	76	105	113
Home responsibilities ¹	--	--	1,160	1,106	--	--	239	286
Think cannot get job	160	195	295	386	44	36	98	107
All other reasons	255	169	678	625	38	24	123	95
Percent distribution								
Want job now	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	25.6	31.4	8.6	6.8	25.1	28.8	11.7	9.8
Ill health, disability	27.1	25.3	10.3	10.1	32.8	39.8	16.4	17.0
Home responsibilities ¹	--	--	44.1	43.4	--	--	37.3	42.9
Think cannot get job	18.3	23.2	11.2	15.2	22.6	18.8	15.3	16.1
All other reasons	29.1	20.1	25.8	24.5	19.5	12.6	19.2	14.3

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

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

3rd quarter, 1969

(In thousands)

Detailed reason for not seeking work	Total	Age in years				Color	
		16-19	20-24	25-59	60 and over	White	Negro and other races
Total	597	165	54	235	143	455	142
Employers think too young or old	134	34	2	12	86	119	16
Lacks education or training	98	22	17	53	7	77	21
Other personal handicap	52	2	10	27	13	40	11
Could not find job	186	75	16	80	15	115	71
Thinks no job available	128	31	9	66	23	104	24
Male	204	74	16	41	73	160	44
Employers think too young or old	69	17	--	--	51	61	9
Lacks education or training	15	8	--	7	--	10	5
Other personal handicap	7	--	--	7	--	7	--
Could not find job	71	33	14	15	10	46	26
Thinks no job available	40	15	2	12	12	36	4
Female	393	91	38	195	70	295	98
Employers think too young or old	65	17	2	12	33	58	7
Lacks education or training	82	14	17	46	7	67	16
Other personal handicap	44	2	10	19	13	33	11
Could not find job	114	42	2	65	6	69	45
Thinks no job available	88	16	7	54	12	68	20

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

Most recent work experience and reason leaving job	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1969
Total										
Not in labor force (in thousands)	52,495	52,344	5,929	5,982	4,300	4,263	23,004	23,274	19,261	18,824
Never worked	9,147	9,591	3,150	3,352	742	808	2,486	2,675	2,768	2,755
Last worked over 5 years ago	24,689	24,805	40	28	335	311	11,884	12,311	12,430	12,156
Last worked 1 to 5 years ago	9,280	8,966	391	364	1,383	1,431	4,771	4,586	2,736	2,586
Left job previous 12 months	9,379	8,982	2,348	2,237	1,840	1,713	3,863	3,704	1,328	1,328
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	49.2	48.0	63.5	61.9	71.1	69.3	44.4	43.5	8.0	9.5
Ill health, disability	10.7	10.4	2.0	2.8	3.4	5.1	15.0	14.9	23.5	17.6
Retirement, old age	6.1	7.0	.1	--	--	.1	.9	1.0	40.4	44.2
Economic reasons	17.5	18.6	16.2	20.0	10.6	12.0	21.2	21.6	18.5	16.9
End of seasonal job	8.0	9.2	8.2	10.5	5.3	6.9	9.4	10.6	7.1	6.4
Slack work	3.4	3.2	3.4	3.2	1.6	1.0	4.3	4.3	3.0	2.8
End of temporary job	6.1	6.2	4.5	6.3	3.6	4.1	7.4	6.7	8.3	7.7
All other reasons	16.5	16.0	18.3	15.3	14.9	13.6	18.6	19.0	9.6	11.9
Male										
Not in labor force (in thousands)	11,614	11,267	2,334	2,342	799	761	1,752	1,636	6,729	6,529
Never worked	1,314	1,418	1,034	1,120	126	148	125	126	29	24
Last worked over 5 years ago	5,015	4,919	20	11	10	21	596	604	4,390	4,284
Last worked 1 to 5 years ago	2,390	2,274	107	133	150	132	535	485	1,600	1,524
Left job previous 12 months	2,894	2,656	1,174	1,079	512	461	499	420	709	696
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	41.3	37.8	63.6	58.9	65.7	59.4	18.2	16.9	3.0	3.3
Ill health, disability	14.2	14.3	2.0	2.7	4.3	7.6	39.4	45.7	23.7	17.5
Retirement, old age	14.0	16.2	--	--	--	--	4.8	4.0	53.7	59.3
Economic reasons	14.3	15.8	15.8	20.9	10.9	11.7	14.8	11.7	13.9	13.2
End of seasonal job	6.5	7.7	8.0	10.3	6.6	6.7	6.4	4.5	4.1	6.0
Slack work	3.4	2.9	4.3	4.2	1.6	--	4.4	2.9	2.8	2.7
End of temporary job	4.3	5.3	3.5	6.4	2.7	5.0	4.0	4.3	7.0	4.4
All other reasons	16.3	16.0	18.6	17.5	19.1	21.3	22.8	21.7	5.8	6.7
Female										
Not in labor force (in thousands)	40,881	41,076	3,594	3,640	3,502	3,502	21,251	21,638	12,533	12,295
Never worked	7,833	8,173	2,116	2,232	616	660	2,363	2,550	2,739	2,731
Last worked over 5 years ago	19,674	19,886	21	18	325	290	11,289	11,705	8,039	7,872
Last worked 1 to 5 years ago	6,890	6,692	284	230	1,233	1,299	4,235	4,102	1,136	1,062
Left job previous 12 months	6,484	6,326	1,174	1,160	1,328	1,252	3,364	3,282	619	632
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	52.8	52.3	63.3	64.9	73.3	72.9	48.2	46.9	13.7	16.3
Ill health, disability	9.1	8.8	1.9	2.8	3.0	4.1	11.3	11.0	23.4	17.6
Retirement, old age	2.6	3.1	.2	--	--	.2	.3	.6	25.2	27.5
Economic reasons	18.9	19.8	16.6	19.0	10.4	12.2	22.1	22.8	23.7	20.9
End of seasonal job	8.7	9.9	8.4	10.5	4.8	7.0	9.9	11.4	10.6	6.6
Slack work	3.4	3.3	2.6	2.3	1.7	1.4	4.3	4.5	3.2	2.8
End of temporary job	6.9	6.6	5.5	6.1	4.0	3.8	7.9	7.0	9.8	11.4
All other reasons	16.6	16.0	18.0	13.3	13.3	10.7	18.0	18.6	14.0	17.7

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

Most recent work experience and reason leaving job	White				Negro and other races			
	Male		Female		Male		Female	
	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1968	3rd qtr 1969	3rd qtr 1968	3rd qtr 1969
Total not in labor force (in thousands)	10,226	9,951	36,991	37,22	1,387	1,316	3,890	3,855
Never worked	1,081	1,174	7,021	7,352	233	244	811	821
Last worked over 5 years ago	4,482	4,421	18,139	18,357	533	498	1,536	1,528
Last worked 1 to 5 years ago	2,122	2,017	6,162	6,017	268	257	727	675
Left job previous 12 months	2,541	2,339	5,669	5,495	353	317	816	831
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	42.1	37.8	54.1	53.6	35.4	37.5	43.5	43.4
Ill health, disability	13.7	13.5	8.1	7.6	17.3	19.9	16.0	16.6
Retirement, old age	15.2	17.6	2.9	3.5	5.4	5.4	.7	.6
Economic reasons	13.3	15.0	18.6	19.4	21.0	21.5	21.2	22.5
End of seasonal job	5.7	7.3	8.2	9.6	11.9	10.4	11.5	11.8
Slack work	3.5	2.7	3.3	3.1	3.1	4.1	4.0	4.9
End of temporary job	4.1	5.0	7.1	6.8	5.9	6.9	5.6	5.8
All other reasons	15.7	16.1	16.4	15.9	21.0	15.8	18.6	16.9

Table 9. Industry and occupation of last job for persons not in labor force who worked during previous 12 months by reasons leaving job 3rd quarter, 1969

Industry and class of worker and major occupation	Total (thousands of persons)	Reason left job (percent distribution)					
		Total	School, home responsibilities	Ill health, disability	Retirement, old age	Economic reasons	All other
Total who left jobs in previous 12 months	9,391	100.0	49.3	10.6	6.2	17.4	16.5
Industry							
Agriculture ¹	566	100.0	20.0	10.8	4.8	30.9	33.6
Unpaid family workers	188	100.0	3.7	1.1	1.1	6.3	87.8
Wage and salary workers	321	100.0	31.4	10.6	2.2	48.8	7.1
Nonagricultural industries	8,825	100.0	51.2	10.6	6.2	16.6	15.4
Self-employed workers	245	100.0	23.6	20.3	12.2	21.1	22.8
Unpaid family workers	166	100.0	13.2	1.2	1.2	6.0	78.4
Wage and salary workers	8,413	100.0	52.7	10.5	6.2	16.6	14.0
Private household workers	529	100.0	32.8	22.6	2.1	24.7	17.7
Government workers	1,440	100.0	47.0	7.4	9.9	24.3	11.4
All other ²	6,444	100.0	55.6	10.2	5.7	14.3	14.2
Construction	289	100.0	45.7	19.7	3.1	15.6	15.9
Manufacturing	1,611	100.0	52.1	11.0	10.1	12.9	13.9
Transportation and public utilities	279	100.0	54.5	8.2	9.3	10.0	17.9
Trade	2,270	100.0	56.6	9.6	3.1	15.5	15.2
Finance and services	1,963	100.0	59.2	8.7	4.7	14.5	12.9
Occupation							
White-collar workers	4,184	100.0	55.1	6.2	5.9	17.6	15.3
Professional and technical	976	100.0	53.0	5.1	8.3	22.0	11.6
Managers, officials, and proprietors	309	100.0	28.5	14.9	22.3	12.3	22.0
Clerical and sales	2,899	100.0	58.6	5.6	3.4	16.6	15.8
Blue-collar workers	2,535	100.0	47.0	13.0	9.0	16.6	14.4
Craftsmen and foremen	417	100.0	27.3	20.6	22.1	17.5	12.5
Operatives	1,527	100.0	49.0	12.4	7.2	17.6	13.8
Nonfarm laborers	591	100.0	55.4	9.3	4.2	13.5	17.6
Service workers	2,161	100.0	48.0	16.1	3.5	15.1	17.3
Farm workers	511	100.0	18.6	12.0	5.3	30.0	34.1

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

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

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

Work-seeking intentions, most recent work experience, and major occupation	Total		Male		Female	
	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968	3rd qtr. 1969	3rd qtr. 1968
Total						
Total not in labor force (in thousands)	52,495	52,344	11,614	11,267	40,881	41,076
Do not intend to seek work	45,103	44,753	9,470	9,106	35,633	35,647
Intend to seek work in next 12 months	7,392	7,591	2,144	2,162	5,248	5,430
Never worked	1,197	1,293	326	391	871	902
Last worked over 5 years ago	997	1,162	105	133	891	1,029
Last worked 1 to 5 years ago	1,420	1,385	334	378	1,086	1,008
Worked during previous 12 months	3,778	3,751	1,378	1,260	2,401	2,491
Percent distribution by occupation	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	39.8	40.4	24.0	23.5	49.0	49.2
Professional and technical	9.8	10.4	7.2	9.2	11.3	11.0
Managerial	2.8	2.0	4.5	2.7	1.8	1.7
Clerical and sales	27.2	28.0	12.2	11.5	35.9	36.5
Blue-collar workers	30.9	29.1	53.9	55.7	17.5	15.3
Craftsman and foremen	4.4	4.0	10.9	10.8	.5	.5
Operatives	18.2	16.6	21.2	20.9	16.4	14.3
Nonfarm laborers	8.3	8.5	21.8	24.0	.6	.5
Service workers	25.7	26.4	16.5	14.9	31.1	32.3
Farm workers	3.6	4.1	5.6	5.8	2.4	3.2
White						
Total not in labor force (in thousands)	47,217	47,172	10,226	9,951	36,991	37,221
Do not intend to seek work	41,027	40,931	8,354	8,135	32,673	32,796
Intend to seek work in next 12 months	6,191	6,241	1,873	1,816	4,318	4,425
Never worked	980	1,047	282	326	698	721
Last worked over 5 years ago	850	994	90	102	760	892
Last worked 1 to 5 years ago	1,130	1,106	287	308	843	798
Worked during previous 12 months ¹	3,231	3,094	1,214	1,080	2,017	2,014
Negro and other races						
Total not in labor force (in thousands)	5,277	5,171	1,387	1,316	3,890	3,855
Do not intend to seek work	4,076	3,821	1,116	970	2,960	2,851
Intend to seek work in next 12 months	1,201	1,350	271	346	930	1,004
Never worked	217	246	44	65	173	181
Last worked over 5 years ago	147	168	16	31	131	137
Last worked 1 to 5 years ago	290	280	47	70	243	210
Worked during previous 12 months ¹	547	657	164	180	383	477

¹Occupational data not available by color.

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

Labor force status and reasons for nonparticipation	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
Total										
Civilian noninstitutional population (in thousands) . .	134,020	133,476	132,880	132,249	131,713	131,267	130,757	130,165	129,527	129,043
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	60.1	59.1	59.5	60.4	59.9	58.7	59.7	60.5	59.5	58.6
Not in labor force	39.9	40.9	40.5	39.6	40.1	41.3	40.3	39.5	40.5	41.4
In school	5.4	6.8	6.6	2.7	5.2	6.8	6.3	2.7	5.2	6.5
Ill health, disability	3.3	3.3	3.3	3.3	3.2	3.4	3.3	3.4	3.5	3.7
Home responsibilities	24.4	24.4	24.4	25.4	25.1	24.9	24.7	25.3	25.3	25.0
Retirement, old age	4.3	4.3	4.2	4.2	4.2	4.2	4.0	4.2	4.2	4.1
Think cannot get job . . . . .	.4	.5	.4	.5	.5	.5	.5	.6	.5	.6
All other reasons	2.0	1.7	1.6	3.3	1.9	1.6	1.4	3.3	1.8	1.5
Male										
Civilian noninstitutional population (in thousands)	62,758	62,534	62,236	61,921	61,701	61,535	61,310	61,035	60,735	60,540
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	80.1	78.6	79.1	81.8	80.6	78.8	79.6	82.2	80.7	79.2
Not in labor force	19.9	21.4	20.9	18.2	19.4	21.2	20.4	17.8	19.3	20.8
In school	5.7	7.4	7.1	2.9	5.4	7.2	6.8	2.8	5.5	7.0
Ill health, disability	3.6	3.4	3.4	3.5	3.3	3.5	3.5	3.4	3.5	3.8
Home responsibilities . . . . .	.2	.3	.3	.3	.3	.3	.3	.2	.2	.2
Retirement, old age	8.2	8.1	8.0	8.0	8.0	8.0	7.9	8.0	7.9	7.8
Think cannot get job . . . . .	.2	.3	.3	.4	.3	.4	.3	.5	.3	.4
All other reasons	2.0	1.8	1.7	3.2	2.0	1.8	1.6	2.9	1.9	1.6
Female										
Civilian noninstitutional population (in thousands) . .	71,262	70,942	70,645	70,328	70,012	69,733	69,448	69,130	68,792	68,503
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	42.5	41.9	42.2	41.6	41.7	41.0	42.2	41.3	40.7	40.4
Not in labor force	57.5	58.1	57.8	58.4	58.3	59.0	57.8	58.7	59.3	59.6
In school	5.2	6.2	6.1	2.6	4.9	6.3	5.9	2.6	5.0	6.2
Ill health, disability	3.0	3.3	3.2	3.1	3.1	3.2	3.2	3.4	3.4	3.6
Home responsibilities	45.8	45.7	45.6	47.6	46.9	46.6	46.2	47.5	47.5	46.9
Retirement, old age	1.0	.9	.8	.9	.8	.7	.6	.8	.9	.8
Think cannot get job5	.6	.6	.7	.6	.7	.7	.8	.6	.8
All other reasons	2.1	1.6	1.6	3.5	1.9	1.4	1.3	3.7	1.8	1.4

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Table 2. Reasons for nonparticipation in labor force by sex

Nonparticipants by reason for status	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
Thousands of persons										
Total	53,506	54,603	53,821	52,344	52,794	54,198	52,656	51,451	52,504	53,329
In school	7,293	9,011	8,750	3,622	6,789	8,868	8,272	3,496	6,779	8,431
Ill health, disability	4,370	4,441	4,377	4,347	4,240	4,398	4,379	4,458	4,491	4,709
Home responsibilities	32,762	32,583	32,407	33,640	33,004	32,670	32,233	32,970	32,833	32,219
Retirement, old age	5,802	5,693	5,561	5,598	5,535	5,467	5,207	5,402	5,400	5,244
Think cannot get job	535	617	573	724	662	709	694	840	628	767
All other reasons	2,745	2,256	2,152	4,413	2,565	2,087	1,872	4,285	2,373	1,958
Male	12,504	13,353	12,990	11,268	11,960	13,038	12,485	10,863	11,704	12,547
In school	3,581	4,618	4,445	1,769	3,349	4,451	4,189	1,700	3,317	4,221
Ill health, disability	2,234	2,124	2,145	2,156	2,044	2,131	2,150	2,103	2,138	2,270
Home responsibilities	147	187	167	159	196	180	164	145	133	127
Retirement, old age	5,123	5,069	4,998	4,979	4,942	4,951	4,813	4,868	4,781	4,722
Think cannot get job	149	213	177	231	207	235	183	303	188	213
All other reasons	1,271	1,142	1,057	1,973	1,222	1,089	985	1,745	1,147	994
Female	41,002	41,250	40,830	41,077	40,835	41,160	40,172	40,588	40,800	40,782
In school	3,712	4,394	4,306	1,853	3,440	4,416	4,083	1,796	3,462	4,210
Ill health, disability	2,136	2,318	2,232	2,191	2,196	2,266	2,228	2,356	2,353	2,439
Home responsibilities	32,615	32,396	32,240	33,481	32,808	32,490	32,069	32,824	32,700	32,092
Retirement, old age	679	625	562	619	593	515	394	534	619	522
Think cannot get job	386	404	396	493	455	474	510	537	440	555
All other reasons	1,474	1,114	1,095	2,440	1,343	998	887	2,539	1,226	964
Percent distribution										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	13.6	16.5	16.3	6.9	12.9	16.4	15.7	6.8	12.9	15.8
Ill health, disability	8.2	8.1	8.1	8.3	8.0	8.1	8.3	8.7	8.6	8.8
Home responsibilities	61.2	59.7	60.2	64.3	62.5	60.3	61.2	64.1	62.5	60.4
Retirement, old age	10.8	10.4	10.3	10.7	10.5	10.1	9.9	10.5	10.3	9.8
Think cannot get job	1.0	1.1	1.1	1.4	1.3	1.3	1.3	1.6	1.2	1.4
All other reasons	5.1	4.1	4.0	8.4	4.9	3.9	3.6	8.3	4.5	3.7
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	28.6	34.6	34.2	15.7	28.0	34.1	33.6	15.6	28.3	33.6
Ill health, disability	17.9	15.9	16.5	19.1	17.1	16.3	17.2	19.4	18.3	18.1
Home responsibilities	1.2	1.4	1.3	1.4	1.6	1.4	1.3	1.3	1.1	1.0
Retirement, old age	41.0	38.0	38.5	44.2	41.3	38.0	38.6	44.8	40.8	37.6
Think cannot get job	1.2	1.6	1.4	2.1	1.7	1.8	1.5	2.8	1.6	1.7
All other reasons	10.2	8.6	8.1	17.5	10.2	8.4	7.9	16.1	9.8	7.9
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	9.1	10.7	10.5	4.5	8.4	10.7	10.2	4.4	8.5	10.3
Ill health, disability	5.2	5.6	5.5	5.3	5.4	5.5	5.5	5.8	5.8	6.0
Home responsibilities	79.5	78.5	79.0	81.5	80.3	78.9	79.8	80.9	80.1	78.7
Retirement, old age	1.7	1.5	1.4	1.5	1.5	1.3	1.0	1.3	1.5	1.3
Think cannot get job9	1.0	1.0	1.2	1.1	1.2	1.3	1.3	1.1	1.4
All other reasons	3.6	2.7	2.7	5.9	3.3	2.4	2.2	6.3	3.0	2.4

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

Nonparticipants by reason for status	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
White	48,039	48,975	48,394	47,173	47,597	48,718	47,495	46,474	47,431	48,038
Male (in thousands)	11,004	11,742	11,472	9,951	10,591	11,510	11,045	9,641	10,416	11,099
In school	3,060	3,998	3,865	1,523	2,897	3,879	3,655	1,478	2,902	3,662
Ill health, disability	1,825	1,782	1,714	1,724	1,651	1,780	1,732	1,732	1,801	1,896
Home responsibilities	127	159	152	137	176	159	150	125	119	120
Retirement, old age	4,793	4,712	4,684	4,658	4,639	4,597	4,526	4,544	4,468	4,396
Think cannot get job	116	163	134	195	160	175	149	234	161	174
All other reasons	1,083	927	923	1,714	1,067	921	831	1,527	966	851
Female (in thousands)	37,035	37,233	36,922	37,222	37,006	37,208	36,450	36,833	37,015	36,939
In school	3,165	3,779	3,727	1,588	2,958	3,825	3,545	1,545	2,952	3,605
Ill health, disability	1,688	1,801	1,811	1,669	1,718	1,796	1,788	1,851	1,871	1,917
Home responsibilities	30,010	29,856	29,621	30,870	30,288	29,921	29,608	30,331	30,167	29,677
Retirement, old age	619	562	503	568	537	475	358	499	582	485
Think cannot get job	304	300	333	386	344	364	401	421	356	409
All other reasons	1,249	935	928	2,141	1,161	826	750	2,186	1,086	844
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	27.8	34.1	33.7	15.3	27.4	33.7	33.1	15.3	27.9	33.0
Ill health, disability	16.6	15.2	14.9	17.3	15.6	15.5	15.7	18.0	17.3	17.1
Home responsibilities	1.2	1.4	1.3	1.4	1.7	1.4	1.4	1.3	1.1	1.1
Retirement, old age	43.6	40.1	40.8	46.8	43.8	39.9	41.0	47.1	42.9	39.6
Think cannot get job	1.1	1.4	1.2	2.0	1.5	1.5	1.3	2.4	1.5	1.6
All other reasons	9.8	7.9	8.0	17.2	10.1	8.0	7.5	15.8	9.3	7.7
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	8.5	10.1	10.1	4.3	8.0	10.3	9.7	4.2	8.0	9.8
Ill health, disability	4.6	4.8	4.9	4.5	4.6	4.8	4.9	5.0	5.1	5.2
Home responsibilities	81.0	80.2	80.2	82.9	81.8	80.4	81.2	82.3	81.5	80.3
Retirement, old age	1.7	1.5	1.4	1.5	1.5	1.3	1.0	1.4	1.6	1.3
Think cannot get job	.8	.8	.9	1.0	.9	1.0	1.1	1.1	1.0	1.1
All other reasons	3.4	2.5	2.5	5.8	3.1	2.2	2.1	5.9	2.9	2.3
Negro and other races	5,468	5,628	5,426	5,171	5,198	5,480	5,162	4,976	5,074	5,292
Male (in thousands)	1,500	1,611	1,518	1,316	1,369	1,528	1,440	1,222	1,288	1,449
In school	520	619	579	246	452	573	534	222	415	560
Ill health, disability	409	341	431	432	392	352	418	370	338	373
Home responsibilities	20	28	16	22	20	21	14	20	14	8
Retirement, old age	330	357	314	321	303	354	286	324	314	326
Think cannot get job	33	50	43	36	47	60	34	68	27	39
All other reasons	189	215	135	259	155	168	154	219	181	144
Female (in thousands)	3,967	4,017	3,908	3,855	3,829	3,952	3,722	3,754	3,786	3,843
In school	547	615	579	265	482	591	538	251	510	605
Ill health, disability	448	517	421	522	478	470	440	504	481	522
Home responsibilities	2,605	2,539	2,619	2,611	2,520	2,568	2,461	2,493	2,533	2,415
Retirement, old age	60	62	60	51	56	40	36	35	36	37
Think cannot get job	82	105	63	107	111	110	110	117	84	146
All other reasons	225	179	167	300	182	172	137	353	141	119
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	34.6	38.4	38.1	18.7	33.0	37.5	37.1	18.2	32.2	38.6
Ill health, disability	27.2	21.2	28.4	32.8	28.6	23.0	29.0	30.3	26.2	25.7
Home responsibilities	1.3	1.7	1.1	1.7	1.5	1.4	1.0	1.6	1.1	.6
Retirement, old age	22.0	22.2	20.7	24.4	22.1	23.2	19.9	26.5	24.4	22.5
Think cannot get job	2.2	3.1	2.8	2.7	3.4	3.9	2.4	5.6	2.1	2.7
All other reasons	12.6	13.4	8.9	19.7	11.3	11.0	10.7	17.9	14.0	9.9
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	13.8	15.3	14.8	6.9	12.6	15.0	14.5	6.7	13.5	15.7
Ill health, disability	11.8	12.9	10.8	13.5	12.5	11.9	11.8	13.4	12.7	13.6
Home responsibilities	65.7	63.2	67.0	67.7	65.8	65.0	66.1	66.4	66.9	62.8
Retirement, old age	1.5	1.5	1.5	1.3	1.5	1.0	1.0	.9	1.0	1.0
Think cannot get job	2.1	2.6	1.6	2.8	2.9	2.8	3.0	3.1	2.2	3.8
All other reasons	5.7	4.5	4.3	7.8	4.8	4.4	3.7	9.4	3.7	3.1

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

Reasons for not seeking work	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
Thousands of persons										
Total not in labor force . . .	53,506	54,603	53,821	52,344	52,794	54,198	52,656	51,451	52,504	53,329
Do not want job now . . .	48,792	50,110	49,462	48,098	48,074	49,613	48,353	46,767	47,723	48,303
Want job now - total	4,714	4,493	4,359	4,246	4,720	4,585	4,303	4,684	4,781	5,026
In school	1,590	1,259	1,028	559	1,613	1,261	1,083	542	1,521	1,271
Ill health, disability	519	698	676	657	633	658	696	790	692	894
Home responsibilities	1,262	1,156	1,263	1,409	1,133	1,247	1,141	1,542	1,254	1,363
Think cannot get job	535	617	573	724	662	709	694	840	628	767
All other reasons	808	763	819	896	681	711	690	970	686	729
Male	1,361	1,334	1,219	1,033	1,512	1,338	1,267	1,119	1,419	1,438
In school	791	642	571	320	847	651	551	269	730	669
Ill health, disability	219	301	276	289	268	266	352	311	295	369
Think cannot get job	149	213	177	231	207	235	183	303	188	213
All other reasons ¹	202	178	195	193	190	186	181	236	206	187
Female	3,353	3,159	3,140	3,213	3,208	3,247	3,036	3,565	3,362	3,588
In school	799	618	457	240	766	609	532	273	791	602
Ill health, disability	300	396	400	368	364	392	344	479	397	525
Home responsibilities	1,248	1,135	1,238	1,392	1,110	1,220	1,115	1,520	1,223	1,353
Think cannot get job	386	404	396	493	455	474	510	537	440	555
All other reasons	620	606	649	720	513	552	535	756	511	553
Percent distribution										
Want job now - total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	33.7	28.0	23.6	13.2	34.2	27.5	25.2	11.6	31.8	25.3
Ill health, disability	11.0	15.5	15.5	15.5	13.4	14.3	16.2	16.9	14.5	17.8
Home responsibilities	26.8	25.7	29.0	33.2	24.0	27.2	26.5	32.9	26.2	27.1
Think cannot get job	11.3	13.7	13.1	17.1	14.0	15.5	16.1	17.9	13.1	15.3
All other reasons	17.1	17.0	18.8	21.1	14.4	15.5	16.0	20.7	14.3	14.5
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	58.1	48.1	46.8	31.0	56.0	48.7	43.5	24.0	51.4	46.5
Ill health, disability	16.1	22.6	22.6	28.0	17.7	19.9	27.8	27.8	20.8	25.7
Think cannot get job	10.9	16.0	14.5	22.4	13.7	17.6	14.4	27.1	13.2	14.8
All other reasons ¹	14.8	13.3	16.0	18.7	12.6	13.9	14.3	21.1	14.5	13.0
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	23.8	19.6	14.6	7.5	23.9	18.8	17.5	7.7	23.5	16.8
Ill health, disability	8.9	12.5	12.7	11.5	11.3	12.1	11.3	13.4	11.8	14.6
Home responsibilities	37.2	35.9	39.4	43.3	34.6	37.6	36.7	42.6	36.4	37.7
Think cannot get job	11.5	12.8	12.6	15.3	14.2	14.6	16.8	15.1	13.1	15.5
All other reasons	18.5	19.2	20.7	22.4	16.0	17.0	17.6	21.2	15.2	15.4

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

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

Reasons for not seeking work	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
White										
Total not in labor force	48,039	48,975	48,394	47,173	47,597	48,718	47,495	46,474	47,431	48,038
Do not want job now	44,341	45,512	45,028	43,785	43,839	45,165	44,106	42,770	43,640	44,053
Want job now - total	3,698	3,463	3,366	3,388	3,758	3,553	3,389	3,704	3,791	3,985
In school	1,267	1,013	778	438	1,324	1,007	856	422	1,215	1,035
Ill health, disability	392	505	496	469	471	487	503	580	530	660
Home responsibilities	944	860	923	1,119	882	931	897	1,233	950	1,363
Think cannot get job	420	463	467	581	504	539	550	655	517	583
All other reasons	675	622	702	781	577	589	584	814	579	643
Male	1,119	1,064	936	841	1,240	1,080	1,016	890	1,170	1,180
In school	636	513	429	264	702	536	447	207	606	555
Ill health, disability	185	235	203	213	216	213	254	241	237	286
Think cannot get job	116	163	134	195	160	175	149	234	161	174
All other reasons ¹	182	153	170	169	162	156	166	208	166	165
Female	2,579	2,399	2,430	2,547	2,518	2,473	2,373	2,814	2,621	2,805
In school	631	500	349	174	622	471	409	215	609	480
Ill health, disability	207	270	293	256	255	274	249	339	293	374
Home responsibilities	932	841	902	1,106	863	910	871	1,211	922	1,053
Think cannot get job	304	300	333	386	344	364	401	421	356	409
All other reasons	505	488	553	625	434	454	443	628	441	489
Negro and other races										
Total not in labor force	5,467	5,628	5,426	5,171	5,198	5,480	5,162	4,976	5,074	5,292
Do not want job now	4,452	4,597	4,433	4,314	4,235	4,447	4,249	3,996	4,084	4,252
Want job now - total	1,015	1,031	993	857	963	1,033	913	980	990	1,040
In school	322	246	249	120	289	254	226	120	306	236
Ill health, disability	127	193	181	189	162	171	192	210	161	235
Home responsibilities	318	296	340	290	250	316	245	309	304	299
Think cannot get job	115	155	106	143	158	170	144	185	111	185
All other reasons	133	141	117	115	104	122	106	156	108	85
Male	242	270	282	191	272	259	251	228	249	258
In school	155	128	141	55	145	116	103	62	124	114
Ill health, disability	34	67	73	76	52	53	98	70	58	83
Think cannot get job	33	50	43	36	47	60	34	68	27	39
All other reasons ¹	20	25	25	24	28	30	16	28	40	22
Female	773	761	711	666	691	774	662	752	741	782
In school	167	118	108	65	144	138	123	58	182	122
Ill health, disability	93	126	108	113	110	118	94	140	103	152
Home responsibilities	316	294	336	286	247	310	243	309	301	299
Think cannot get job	82	105	63	107	111	110	110	117	84	146
All other reasons	115	118	96	95	79	98	92	128	71	63

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

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

(In thousands)

Detailed reason for not seeking work	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
Total										
Total	535	617	573	724	662	709	694	840	628	767
Employers think too young or old	144	137	143	203	156	180	204	224	199	236
Lacks education or training	73	78	56	88	80	72	89	98	69	82
Other personal handicap	40	47	43	66	47	51	52	61	37	46
Could not find job	148	164	135	173	159	178	151	235	135	150
Thinks no job available	130	191	197	194	220	228	198	222	188	254
Male										
Male	149	213	177	231	207	235	183	302	188	213
Employers think too young or old	62	71	67	87	78	94	86	115	90	83
Lacks education or training	11	16	5	30	18	11	11	18	12	16
Other personal handicap	10	22	14	22	8	12	20	26	10	16
Could not find job	34	52	45	48	42	47	28	88	37	35
Thinks no job available	31	52	46	44	61	70	38	56	40	62
Female										
Female	386	404	396	493	455	474	510	537	440	555
Employers think too young or old	81	66	76	116	78	86	118	110	109	153
Lacks education or training	62	62	51	58	62	61	77	80	57	66
Other personal handicap	30	25	29	43	39	39	33	35	27	30
Could not find job	113	112	90	125	116	130	123	147	99	114
Thinks no job available	99	139	151	150	159	158	160	166	148	192
White										
Total	420	463	467	581	504	539	550	655	517	583
Employers think too young or old	121	121	128	188	133	161	180	200	184	210
Lacks education or training	55	60	44	73	68	49	73	79	58	68
Other personal handicap	33	38	36	61	32	31	43	53	30	40
Could not find job	109	85	94	120	104	122	94	157	102	89
Thinks no job available	102	158	165	141	166	176	159	165	143	176
Male										
Male	116	163	134	195	160	175	149	234	161	174
Employers think too young or old	47	60	59	78	65	79	73	96	79	72
Lacks education or training	9	12	5	25	15	10	9	16	10	11
Other personal handicap	8	17	8	22	3	7	16	26	10	15
Could not find job	26	31	28	36	27	30	21	57	33	26
Thinks no job available	26	42	34	35	50	50	30	39	29	50
Female										
Female	304	300	333	386	344	364	401	421	356	409
Employers think too young or old	74	61	69	110	68	82	107	104	105	138
Lacks education or training	46	48	39	48	53	39	64	63	48	57
Other personal handicap	25	21	28	39	29	24	27	27	20	25
Could not find job	83	54	66	84	77	92	73	100	69	63
Thinks no job available	76	116	131	106	116	126	129	126	114	126
Negro and other races										
Total	115	155	106	143	158	170	144	185	111	185
Employers think too young or old	23	16	15	16	23	19	24	24	15	26
Lacks education or training	17	18	12	15	12	24	16	18	12	13
Other personal handicap	6	9	7	5	14	19	9	8	7	5
Could not find job	40	79	42	53	54	56	57	78	34	62
Thinks no job available	28	33	31	53	54	52	39	56	44	78
Male										
Male	33	50	43	36	47	60	34	68	27	39
Employers think too young or old	15	11	8	9	13	15	13	19	11	11
Lacks education or training	2	4	--	6	3	2	3	2	2	5
Other personal handicap	1	5	6	--	4	5	4	--	--	1
Could not find job	9	21	18	12	15	18	7	31	4	10
Thinks no job available	5	10	12	9	11	20	8	16	11	12
Female										
Female	82	105	63	107	111	110	110	117	84	146
Employers think too young or old	8	5	7	7	10	4	11	5	4	15
Lacks education or training	15	14	12	9	9	22	13	16	10	8
Other personal handicap	5	4	1	5	10	14	5	8	7	4
Could not find job	31	58	24	41	39	38	50	47	30	52
Thinks no job available	23	23	19	44	43	32	31	40	33	66

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

Most recent work experience and reason leaving job	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
Total										
Not in labor force (in thousands)	53,506	54,602	53,820	52,344	52,794	54,197	52,656	51,450	52,503	53,328
Never worked	9,878	10,011	10,032	9,591	10,059	10,495	10,156	9,817	10,294	10,741
Last worked over 5 years ago	24,677	24,650	24,322	24,805	24,564	24,324	23,923	24,089	24,187	24,015
Last worked 1 to 5 years ago	9,136	9,003	9,073	8,966	8,973	8,941	9,006	9,092	8,721	8,584
Left job previous 12 months	9,815	10,939	10,393	8,982	9,198	10,437	9,570	8,452	9,301	9,987
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	46.8	51.1	53.4	48.0	47.4	51.9	55.4	46.1	43.4	51.2
Ill health, disability	9.6	9.4	9.4	10.4	9.2	8.1	8.5	11.1	9.5	9.0
Retirement, old age	6.4	5.4	5.8	7.0	6.2	5.2	5.3	5.3	5.5	5.2
Economic reasons	15.1	18.3	16.2	18.6	16.6	19.7	16.9	18.3	15.6	17.9
End of seasonal job	7.4	10.5	8.2	9.2	7.8	11.0	9.3	9.5	7.7	10.2
Slack work	3.0	2.9	3.0	3.2	3.3	3.2	2.9	3.4	3.5	3.6
End of temporary job	4.7	4.9	5.0	6.2	5.5	5.5	4.7	5.5	4.4	4.1
All other reasons	22.1	15.8	15.2	16.0	20.6	15.1	13.9	19.1	26.0	16.8
Male										
Not in labor force (in thousands)	12,504	13,352	12,990	11,267	11,959	13,038	12,485	10,863	11,703	12,547
Never worked	1,733	1,797	1,698	1,418	1,610	1,738	1,577	1,318	1,453	1,560
Last worked over 5 years ago	4,955	4,891	4,804	4,919	4,844	4,934	4,788	4,826	4,767	4,834
Last worked 1 to 5 years ago	2,474	2,426	2,472	2,274	2,417	2,433	2,414	2,310	2,274	2,356
Left job previous 12 months	3,342	4,238	4,017	2,656	3,089	3,933	3,705	2,410	3,209	3,797
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	40.1	48.7	52.4	37.8	40.8	51.4	55.6	37.9	38.1	50.3
Ill health, disability	12.6	10.1	10.6	14.3	11.1	9.1	8.9	16.7	11.4	10.2
Retirement, old age	13.2	9.8	9.9	16.2	12.0	9.1	9.6	12.6	11.5	9.5
Economic reasons	10.2	15.7	13.1	15.8	11.6	16.5	14.1	14.4	11.5	13.9
End of seasonal job	5.1	9.8	7.4	7.7	5.5	9.8	8.4	7.4	6.1	8.6
Slack work	2.4	2.5	2.3	2.9	2.9	2.5	2.3	2.7	2.6	2.5
End of temporary job	2.7	3.4	3.4	5.3	3.2	4.1	3.4	4.3	2.7	2.8
All other reasons	24.0	15.6	14.0	16.0	24.5	14.0	11.9	18.3	27.6	16.1
Female										
Not in labor force (in thousands)	41,002	41,250	40,830	41,076	40,834	41,159	40,171	40,587	40,800	40,781
Never worked	8,144	8,214	8,334	8,173	8,450	8,758	8,579	8,499	8,841	9,181
Last worked over 5 years ago	19,723	19,759	19,519	19,886	19,720	19,390	19,134	19,263	19,419	19,182
Last worked 1 to 5 years ago	6,661	6,577	6,601	6,692	6,556	6,508	6,592	6,782	6,447	6,229
Left job previous 12 months	6,474	6,701	6,376	6,326	6,109	6,504	5,865	6,042	6,092	6,190
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	50.2	52.6	54.0	52.3	50.7	52.2	55.3	49.4	46.2	51.7
Ill health, disability	8.0	9.0	8.6	8.8	8.2	7.5	8.3	8.9	8.6	8.2
Retirement, old age	3.0	2.6	3.2	3.1	3.2	2.9	2.6	2.4	2.3	2.6
Economic reasons	17.6	20.0	18.2	19.8	19.1	21.7	18.6	19.9	17.7	20.3
End of seasonal job	8.5	11.0	8.8	9.9	8.9	11.6	9.8	10.3	8.6	11.1
Slack work	3.4	3.1	3.4	3.3	3.5	3.6	3.4	3.6	3.9	4.2
End of temporary job	5.7	5.9	6.0	6.6	6.7	6.4	5.5	5.9	5.2	5.0
All other reasons	21.2	15.8	16.0	16.0	18.7	15.8	15.2	19.4	25.2	17.2

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

Most recent work experience and reason leaving job	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
White										
Not in labor force (in thousands)	48,039	48,974	48,394	47,172	47,595	48,717	47,494	46,474	47,429	48,036
Never worked	8,712	8,837	8,895	8,526	9,013	9,325	9,036	8,773	9,239	9,543
Last worked over 5 years ago	22,635	22,677	22,339	22,778	22,607	22,329	21,999	22,223	22,266	22,103
Last worked 1 to 5 years ago	8,169	7,991	8,116	8,034	7,998	7,944	8,096	8,166	7,835	7,678
Left job previous 12 months	8,523	9,468	9,042	7,834	7,979	9,120	8,364	7,311	8,090	8,713
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	47.2	52.4	54.1	48.8	49.3	53.4	56.8	47.6	44.3	52.1
Ill health, disability	8.9	8.6	8.7	9.4	8.1	7.4	7.7	10.1	8.7	8.5
Retirement, old age	7.0	5.8	6.3	7.7	6.7	5.7	5.7	5.8	6.2	5.7
Economic reasons	14.4	17.3	15.6	18.1	15.7	18.5	15.9	17.8	14.4	16.9
End of seasonal job	6.7	9.3	7.8	8.9	7.0	9.9	8.5	9.0	6.7	9.1
Slack work	2.9	2.9	2.8	3.0	3.2	3.0	2.9	3.3	3.1	3.5
End of temporary job	4.8	5.0	5.0	6.3	5.6	5.5	4.5	5.5	4.5	4.3
All other reasons	22.5	15.9	15.3	16.0	20.2	15.1	13.8	18.6	26.4	16.8
Negro and other races										
Not in labor force (in thousands)	5,467	5,628	5,426	5,171	5,198	5,480	5,162	4,976	5,073	5,292
Never worked	1,165	1,174	1,137	1,065	1,046	1,171	1,121	1,044	1,055	1,198
Last worked over 5 years ago	2,043	1,972	1,982	2,026	1,957	1,995	1,924	1,866	1,922	1,913
Last worked 1 to 5 years ago	966	1,012	957	932	976	997	911	925	886	906
Left job previous 12 months	1,293	1,470	1,351	1,148	1,219	1,317	1,206	1,141	1,211	1,274
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	44.1	42.4	48.5	41.8	34.7	41.6	45.4	36.5	37.0	44.3
Ill health, disability	14.2	15.0	13.8	17.5	16.2	13.2	13.5	17.9	15.0	12.2
Retirement, old age	2.8	2.2	2.4	1.9	2.7	2.0	2.2	2.0	.9	2.4
Economic reasons	19.3	25.4	20.4	22.2	22.7	28.6	23.7	21.5	23.6	24.6
End of seasonal job	11.6	18.5	11.1	11.4	12.9	18.7	14.7	12.8	14.9	17.3
Slack work	3.6	3.0	3.8	4.7	4.2	4.2	3.2	3.5	5.5	4.0
End of temporary job	4.2	3.9	5.5	6.1	5.7	5.7	5.9	5.3	3.2	3.4
All other reasons	19.6	14.9	14.9	16.6	23.7	14.6	15.1	22.1	23.5	16.5

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Table 9. Industry and occupation of last job for persons not in labor force who stopped working during previous 12 months for economic reasons as percent of total who stopped working.

Industry and class of worker and major occupation	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
Total who left jobs in previous 12 months	15.1	18.3	16.2	18.6	16.5	19.6	16.9	18.2	15.6	17.9
Industry										
Agriculture ¹	26.7	40.9	32.0	31.1	33.1	39.3	37.2	31.7	33.8	39.7
Unpaid family workers	1.2	9.3	4.0	6.5	8.2	19.7	12.7	13.0	14.1	27.0
Wage and salary workers	44.2	54.1	49.8	50.6	53.5	54.3	51.7	48.3	50.6	45.9
Nonagricultural industries	14.2	15.8	14.7	17.7	15.2	17.3	14.9	17.2	13.8	15.3
Self-employed workers	17.5	22.2	19.7	21.1	21.4	23.1	16.8	19.4	9.5	21.5
Unpaid family workers	2.6	5.3	3.4	9.7	5.1	9.1	11.2	10.0	11.9	9.3
Wage and salary workers	14.4	15.8	14.7	17.8	15.3	17.4	14.9	17.3	14.0	15.3
Private household workers	14.7	19.6	21.8	23.6	23.4	20.5	19.1	25.1	18.5	17.9
Government workers	19.3	17.4	18.1	28.5	17.8	21.1	17.1	27.9	18.3	14.0
All other ²	13.4	15.2	13.6	15.0	14.1	16.5	14.2	14.6	12.8	15.3
Construction	11.6	18.2	17.2	21.3	15.0	17.8	13.9	16.1	14.6	14.2
Manufacturing	9.9	12.5	11.8	11.4	13.3	14.2	12.9	13.5	12.3	15.7
Transportation and public utilities	11.9	9.4	10.7	9.7	7.5	14.6	7.0	6.4	6.7	2.6
Trade	14.9	19.6	13.0	15.0	14.9	19.3	14.0	16.7	14.4	17.1
Finance and services	15.1	12.8	15.5	18.1	14.8	14.9	16.4	14.0	11.6	14.7
Occupation										
White-collar workers	15.4	16.7	14.4	18.6	16.2	18.3	14.7	17.7	14.4	16.1
Professional and technical	14.3	13.2	14.3	23.5	17.1	19.2	14.9	23.0	11.9	10.6
Managers, officials, and proprietors	12.5	12.5	12.7	9.7	9.4	15.7	18.1	11.9	9.2	15.0
Clerical and sales	16.0	18.2	14.5	17.7	16.5	18.2	14.4	16.5	15.7	17.6
Blue-collar workers	13.3	17.1	15.0	16.8	15.3	17.7	15.3	16.5	14.6	16.5
Craftsmen and foremen	11.3	19.3	13.5	13.2	16.8	15.2	13.1	11.6	14.7	16.5
Operatives	14.5	16.6	14.2	17.0	15.6	18.7	15.8	17.7	15.1	17.5
Nonfarm laborers	11.9	16.7	17.3	19.0	13.5	17.3	15.4	16.2	13.3	14.5
Service workers	13.4	13.7	15.7	17.8	13.8	15.3	15.3	17.8	12.1	12.9
Farm workers	26.3	40.3	31.5	29.8	32.6	41.1	37.3	30.3	33.2	40.1

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

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

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

Work-seeking intentions, most recent work experience, and major occupation	1969		1968				1967			
	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.	4th qtr.	3rd qtr.	2nd qtr.	1st qtr.
Total										
Total not in labor force (in thousands)	53,506	54,602	53,820	52,344	52,794	54,197	52,656	51,450	52,503	53,328
Do not intend to seek work	45,397	44,718	44,381	44,753	44,897	44,415	43,599	43,886	44,823	43,686
Intend to seek work in next 12 months	8,109	9,884	9,439	7,591	7,897	9,782	9,056	7,565	7,680	9,642
Never worked	1,794	1,969	1,795	1,293	1,745	2,085	1,761	1,370	1,780	2,057
Last worked over 5 years ago	1,032	962	948	1,162	1,041	1,017	985	1,204	1,050	1,146
Last worked 1 to 5 years ago	1,342	1,490	1,505	1,385	1,362	1,537	1,499	1,456	1,243	1,468
Worked during previous 12 months	3,940	5,464	5,191	3,751	3,748	5,143	4,811	3,535	3,607	4,971
Percent distribution by occupation	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	39.5	35.3	36.6	40.4	39.4	35.2	36.4	40.5	36.2	33.5
Professional and technical	8.6	7.8	8.9	10.4	8.5	8.5	9.2	9.4	7.4	6.6
Managerial	2.1	1.6	1.9	2.0	2.3	1.4	1.6	2.0	1.9	1.5
Clerical and sales	28.8	25.8	25.8	28.0	28.6	25.3	25.7	29.2	26.8	25.4
Blue-collar workers	31.1	33.9	33.8	29.1	30.9	33.2	33.2	30.0	31.4	34.8
Craftsman and foremen	4.9	5.3	5.8	4.0	4.5	5.2	4.8	3.8	4.4	4.6
Operatives	17.0	17.6	16.1	16.6	16.7	16.5	16.3	18.0	18.7	18.4
Nonfarm laborers	9.2	11.0	11.8	8.5	9.8	11.5	12.1	8.2	8.3	11.8
Service workers	23.5	22.4	23.7	26.4	23.5	23.5	23.5	24.5	24.6	22.2
Farm workers	6.0	8.4	5.9	4.1	6.2	8.1	6.9	5.0	7.8	9.5
White										
Total not in labor force (in thousands)	48,039	48,974	48,394	47,172	47,595	48,717	47,494	46,474	47,429	48,036
Do not intend to seek work	41,502	40,985	40,631	40,931	41,091	40,717	39,986	40,257	41,135	40,151
Intend to seek work in next 12 months	6,537	7,989	7,763	6,241	6,505	8,000	7,508	6,217	6,294	7,885
Never worked	1,369	1,550	1,450	1,047	1,421	1,676	1,428	1,109	1,417	1,670
Last worked over 5 years ago	865	809	774	994	893	827	803	1,051	902	930
Last worked 1 to 5 years ago	1,076	1,123	1,173	1,106	1,097	1,190	1,195	1,164	994	1,134
Worked during previous 12 months ¹	3,229	4,506	4,365	3,094	3,093	4,307	4,083	2,893	2,981	4,152
Negro and other races										
Total not in labor force (in thousands)	5,467	5,628	5,426	5,171	5,198	5,480	5,162	4,976	5,073	5,292
Do not intend to seek work	3,896	3,733	3,750	3,821	3,806	3,699	3,613	3,629	3,687	3,535
Intend to seek work in next 12 months	1,571	1,895	1,676	1,350	1,392	1,781	1,548	1,348	1,386	1,757
Never worked	425	419	346	246	325	408	334	261	363	387
Last worked over 5 years ago	168	153	173	168	148	190	182	153	149	217
Last worked 1 to 5 years ago	267	366	332	280	264	347	305	292	249	334
Worked during previous 12 months ¹	771	958	825	657	656	836	729	642	626	819

¹Occupational data not available by color.

Age Adjustments to Occupational Employment Data

The minimum age coverage revision for labor force data from 14 to 16 years in January 1967 prompted a number of immediate adjustments to insure historical comparability. One such adjustment at that time was for occupational employment statistics. Annual average revisions covering the 1958-66 period for the 11 major occupations first appeared in the July 1967 issue of Employment and Earnings, with further breakdowns by sex in the December 1967 issue.

During the last few years, interest in occupational detail by color has greatly increased. The Bureau of Labor Statistics, accordingly, undertook a complete reexamination of the comparability adjustment procedures in order to extend the 16-and-over revisions to color, sex, and more detailed occupations. The nine tables on pages 27-35 present the results of the reexamination.

The adjustment process used to develop these new estimates was considerably more exacting than the earlier one and was facilitated by utilizing all available information pertinent to 14 and 15 year-olds by sex and occupation for the 1958-66 period. The procedures were actually divided into two separate techniques, one for 1966 and the other for the years 1958-65.

In 1966, the entire set of statistics had been retabulated on a 16-year-and-over basis in order to assist in the analysis of differences due to the age change. Although not precisely comparable to the official estimates for that year because

certain minor estimating procedures could not be used, the availability of these retabulations permitted a differential adjustment of the detailed occupation statistics, which were ratioed to published employment controls by color and sex for 14 and 15 year-olds. When these specially calculated occupational estimates for 14 and 15 year-olds were resubtracted from the original 14-year-and-over data, comparable 16 and over estimates of detailed occupation by sex and color became available.

For years prior to 1966, adjustments were calculated based upon the following four controls: (1) total employment levels for 14-15 year-olds by sex and color for 1958-65, (2) detailed occupation statistics on 14-17 year-olds by sex for the years 1958-65, (3) unpublished data on 14-15 year-olds by the major occupations and sex, covering the 1961-65 period, and (4) the detailed occupational distribution by color from the 1966 calculations. The first of these four was the overall control, while the other three were the individual occupation controls.

Because of the more detailed methods, the revised occupation group totals differ somewhat from the earlier estimated annual average occupational data for the 1958-66 period, which have appeared in Employment and Earnings, The Manpower Report of the President, The Handbook of Labor Statistics, and other publications. The new estimates should now be used in lieu of the previously published data. A comparable monthly series on total employment by major occupations will be available in early 1970.

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Table 1. Employed persons 16 years and over by occupation, annual averages, 1958-68

All persons
(In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	75,920	74,372	72,895	71,088	69,305	67,762	66,702	65,746	65,778	64,630	63,036
White-collar workers	35,551	34,232	33,068	31,852	30,861	29,949	29,634	28,888	28,522	27,593	26,837
Professional and technical	10,325	9,879	9,310	8,872	8,542	8,255	8,030	7,698	7,469	7,140	6,952
Medical and other health	1,635	1,578	1,506	1,483	1,405	1,350	1,354	1,328	1,299	1,240	1,247
Teachers, except college.....	2,237	2,159	2,019	1,880	1,876	1,816	1,712	1,642	1,620	1,501	1,492
Other professional and technical	6,453	6,143	5,785	5,509	5,261	5,089	4,964	4,728	4,550	4,399	4,213
Managers, officials, and proprietors	7,776	7,495	7,405	7,340	7,449	7,293	7,408	7,120	7,067	6,936	6,785
Salaried workers	5,502	5,284	4,686	4,426	4,295	4,148	4,052	3,750	3,524	3,424	3,258
Self-employed workers in retail trade.....	1,099	1,074	1,263	1,389	1,473	1,441	1,583	1,665	1,766	1,733	1,770
Self-employed workers, except retail trade	1,176	1,137	1,456	1,525	1,681	1,704	1,773	1,705	1,777	1,779	1,757
Clerical workers	12,803	12,333	11,812	11,141	10,634	10,250	10,079	9,838	9,762	9,307	9,115
Stenographers, typists, and secretaries...	3,347	3,190	3,086	2,878	2,705	2,629	2,507	2,402	2,383	2,319	2,240
Other clerical workers	9,455	9,144	8,726	8,263	7,929	7,621	7,572	7,436	7,379	6,988	6,875
Sales workers.....	4,647	4,525	4,541	4,499	4,236	4,151	4,117	4,232	4,224	4,210	3,985
Retail trade.....	2,788	2,761	2,746	2,730	2,504	2,466	2,411	2,469	2,487	2,470	2,358
Other sales workers	1,859	1,765	1,795	1,769	1,733	1,685	1,706	1,763	1,737	1,740	1,627
Blue-collar workers	27,525	27,261	26,950	26,247	25,339	24,775	24,052	23,683	24,057	23,993	23,348
Craftsmen and foremen.....	10,015	9,845	9,589	9,216	8,979	8,915	8,668	8,617	8,554	8,554	8,463
Carpenters	869	840	853	849	820	813	810	815	832	845	853
Construction craftsmen, except carpenters	1,901	1,923	1,975	1,838	1,790	1,794	1,702	1,688	1,720	1,725	1,619
Mechanics and repairmen.....	2,628	2,539	2,390	2,335	2,223	2,203	2,143	2,120	2,014	2,043	2,074
Metal craftsmen, except mechanics	1,261	1,260	1,179	1,112	1,091	1,079	1,046	1,021	1,090	1,080	1,049
Other craftsmen and kindred workers.....	1,912	1,858	1,847	1,816	1,830	1,783	1,748	1,826	1,761	1,738	1,709
Foremen, not elsewhere classified	1,444	1,427	1,345	1,266	1,225	1,243	1,219	1,147	1,137	1,123	1,159
Operatives	13,955	13,884	13,829	13,345	12,880	12,464	11,994	11,719	11,950	11,816	11,402
Drivers and deliverymen	2,547	2,511	2,569	2,497	2,502	2,437	2,343	2,342	2,367	2,368	2,246
Other operatives	11,407	11,372	11,260	10,848	10,379	10,027	9,651	9,377	9,583	9,448	9,156
Durable goods manufacturing	4,717	4,751	4,645	4,294	3,963	3,859	3,606	3,354	3,475	3,480	3,202
Nondurable goods manufacturing	3,849	3,761	3,774	3,692	3,566	3,456	3,307	3,305	3,341	3,211	3,201
Other industries	2,841	2,861	2,841	2,862	2,850	2,712	2,738	2,718	2,767	2,757	2,753
Nonfarm laborers	3,555	3,533	3,532	3,686	3,480	3,396	3,390	3,347	3,553	3,623	3,483
Construction	742	732	715	789	773	714	732	739	787	825	794
Manufacturing	1,076	1,107	1,095	1,078	1,017	993	1,006	975	1,127	1,168	1,070
Other industries	1,737	1,694	1,722	1,819	1,690	1,689	1,652	1,633	1,639	1,630	1,619
Service workers	9,381	9,325	9,212	8,936	8,893	8,671	8,383	8,261	8,023	7,697	7,487
Private household workers	1,725	1,769	1,904	1,956	2,041	2,029	2,023	2,035	1,973	1,948	1,969
Service workers, except private household ..	7,656	7,556	7,308	6,980	6,852	6,642	6,360	6,226	6,050	5,749	5,518
Protective service workers	952	954	884	873	889	844	804	774	765	756	739
Waiters, cooks, and bartenders	2,080	2,061	1,981	1,923	1,884	1,839	1,743	1,686	1,653	1,608	1,516
Other service workers	4,624	4,541	4,443	4,184	4,079	3,959	3,813	3,766	3,632	3,385	3,263
Farm workers	3,464	3,554	3,666	4,053	4,212	4,364	4,632	4,913	5,176	5,344	5,361
Farmers and farm managers.....	1,926	1,970	2,091	2,238	2,313	2,388	2,587	2,706	2,776	3,013	3,079
Farm laborers and foremen	1,538	1,584	1,575	1,815	1,899	1,976	2,045	2,207	2,400	2,331	2,282
Paid workers	1,000	1,049	1,010	1,147	1,215	1,280	1,281	1,378	1,471	1,346	1,333
Unpaid family workers	538	536	565	668	684	696	764	829	929	985	949

HOUSEHOLD DATA

Table 2. Employed persons 16 years and over by occupation, annual averages, 1958-68

Male
(In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	48,114	47,479	46,919	46,340	45,474	44,657	44,177	43,656	43,904	43,466	42,423
White-collar workers	19,117	18,527	18,094	17,746	17,480	17,059	17,008	16,617	16,423	15,974	15,485
Professional and technical	6,449	6,183	5,836	5,596	5,435	5,309	5,170	4,952	4,766	4,582	4,416
Medical and other health	635	621	604	592	571	566	572	590	554	522	530
Teachers, except college	668	640	595	552	546	533	512	474	456	396	376
Other professional and technical	5,145	4,923	4,637	4,452	4,318	4,210	4,086	3,888	3,756	3,664	3,510
Managers, officials, and proprietors	6,535	6,318	6,238	6,230	6,341	6,180	6,275	6,002	5,968	5,858	5,751
Salaried workers	4,678	4,510	3,958	3,772	3,657	3,505	3,428	3,175	2,996	2,909	2,804
Self-employed workers in retail trade	836	814	985	1,083	1,167	1,140	1,251	1,297	1,386	1,367	1,384
Self-employed workers, except retail trade	1,021	996	1,295	1,375	1,517	1,535	1,596	1,530	1,586	1,582	1,563
Clerical workers	3,409	3,406	3,348	3,279	3,198	3,117	3,128	3,110	3,145	2,985	2,909
Stenographers, typists, and secretaries	49	58	51	52	57	61	73	71	66	73	75
Other clerical workers	3,359	3,349	3,297	3,227	3,141	3,056	3,055	3,039	3,079	2,912	2,834
Sales workers	2,724	2,622	2,672	2,641	2,506	2,453	2,435	2,553	2,544	2,549	2,409
Retail trade	1,088	1,068	1,092	1,072	974	961	924	1,001	1,006	998	944
Other sales workers	1,635	1,554	1,580	1,569	1,532	1,492	1,511	1,552	1,538	1,551	1,465
Blue-collar workers	22,812	22,683	22,514	22,107	21,360	20,956	20,372	20,072	20,420	20,422	19,833
Craftsmen and foremen	9,696	9,560	9,334	8,947	8,731	8,675	8,445	8,401	8,332	8,341	8,237
Carpenters	868	837	850	848	818	810	808	813	831	844	852
Construction craftsmen, except carpenters	1,888	1,911	1,963	1,825	1,779	1,780	1,687	1,677	1,705	1,712	1,610
Mechanics and repairmen	2,602	2,515	2,377	2,320	2,206	2,187	2,131	2,108	2,000	2,028	2,057
Metal craftsmen, except mechanics	1,242	1,243	1,165	1,101	1,081	1,068	1,035	1,014	1,082	1,071	1,042
Other craftsmen and kindred workers	1,759	1,726	1,718	1,677	1,709	1,667	1,645	1,718	1,652	1,649	1,615
Foremen, not elsewhere classified	1,337	1,331	1,261	1,176	1,138	1,163	1,139	1,071	1,062	1,037	1,061
Operatives	9,687	9,706	9,756	9,581	9,237	8,974	8,623	8,401	8,617	8,558	8,215
Drivers and deliverymen	2,469	2,449	2,512	2,453	2,456	2,392	2,301	2,304	2,336	2,341	2,217
Other operatives	7,218	7,257	7,244	7,128	6,781	6,582	6,322	6,097	6,281	6,217	5,998
Durable goods manufacturing	3,385	3,438	3,439	3,285	3,013	2,912	2,710	2,518	2,613	2,625	2,441
Nondurable goods manufacturing	1,733	1,714	1,726	1,736	1,641	1,637	1,588	1,583	1,592	1,539	1,523
Other industries	2,100	2,105	2,079	2,107	2,127	2,033	2,024	1,996	2,076	2,053	2,034
Nonfarm laborers	3,429	3,417	3,424	3,579	3,392	3,307	3,304	3,270	3,471	3,523	3,381
Construction	739	730	712	785	770	712	728	737	784	823	791
Manufacturing	1,003	1,041	1,033	1,026	968	950	965	938	1,083	1,110	1,016
Other industries	1,687	1,647	1,679	1,768	1,654	1,645	1,611	1,595	1,604	1,590	1,574
Service workers	3,308	3,334	3,319	3,194	3,199	3,095	2,980	2,906	2,844	2,732	2,711
Private household workers	35	33	43	40	46	44	46	44	30	33	37
Service workers, except private household ..	3,273	3,301	3,276	3,154	3,153	3,051	2,934	2,862	2,814	2,699	2,674
Protective service workers	902	911	840	832	844	804	765	742	734	723	715
Waiters, cooks, and bartenders	539	539	572	541	524	504	479	478	469	456	453
Other service workers	1,832	1,853	1,864	1,781	1,785	1,743	1,690	1,642	1,611	1,520	1,506
Farm workers	2,878	2,936	2,990	3,295	3,434	3,547	3,817	4,061	4,219	4,335	4,392
Farmers and farm managers	1,844	1,872	1,968	2,107	2,181	2,257	2,456	2,578	2,667	2,894	2,957
Farm laborers and foremen	1,034	1,066	1,022	1,188	1,253	1,290	1,361	1,483	1,552	1,441	1,435
Paid workers	857	876	840	960	1,016	1,051	1,077	1,161	1,217	1,096	1,091
Unpaid family workers	177	189	182	228	237	239	284	322	335	345	344

HOUSEHOLD DATA

Table 3. Employed persons 16 years and over by occupation, annual averages, 1958-68

Female
(In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	27,807	26,893	25,976	24,748	23,831	23,105	22,525	22,090	21,874	21,164	20,613
White-collar workers	16,435	15,705	14,974	14,106	13,381	12,890	12,626	12,272	12,099	11,619	11,352
Professional and technical	3,877	3,697	3,474	3,276	3,107	2,946	2,860	2,746	2,703	2,558	2,536
Medical and other health	999	958	902	891	834	784	782	738	745	718	717
Teachers, except college	1,569	1,520	1,424	1,328	1,330	1,283	1,200	1,168	1,164	1,105	1,116
Other professional and technical	1,308	1,221	1,148	1,057	943	879	878	840	794	735	703
Managers, officials, and proprietors	1,241	1,177	1,167	1,110	1,108	1,113	1,133	1,118	1,099	1,078	1,034
Salaried workers	824	775	728	654	638	643	624	575	528	515	454
Self-employed workers in retail trade	263	261	278	306	306	301	332	368	380	366	386
Self-employed workers, except retail trade	155	142	161	150	164	169	177	175	191	197	194
Clerical workers	9,394	8,928	8,464	7,862	7,436	7,133	6,951	6,728	6,617	6,322	6,206
Stenographers, typists, and secretaries	3,298	3,132	3,035	2,826	2,648	2,568	2,434	2,331	2,317	2,246	2,165
Other clerical workers	6,096	5,795	5,429	5,036	4,788	4,565	4,517	4,397	4,300	4,076	4,041
Sales workers	1,923	1,904	1,869	1,858	1,730	1,698	1,682	1,680	1,680	1,661	1,576
Retail trade	1,700	1,693	1,654	1,658	1,530	1,505	1,487	1,468	1,481	1,472	1,414
Other sales workers	224	211	215	200	201	193	195	211	199	189	162
Blue-collar workers	4,712	4,580	4,436	4,140	3,982	3,819	3,680	3,612	3,637	3,571	3,515
Craftsmen and foremen	319	286	255	269	250	240	223	216	222	213	226
Carpenters	1	3	3	1	2	3	2	2	1	1	1
Construction craftsmen, except carpenters	13	13	12	13	11	14	15	11	15	13	9
Mechanics and repairmen	26	25	13	15	18	16	12	12	14	15	17
Metal craftsmen, except mechanics	19	17	14	11	10	11	11	7	8	9	7
Other craftsmen and kindred workers	153	132	129	139	121	116	103	108	109	89	94
Foremen, not elsewhere classified	107	97	84	90	88	80	80	76	75	86	98
Operatives	4,267	4,178	4,073	3,764	3,643	3,490	3,371	3,318	3,333	3,258	3,187
Drivers and deliverymen	79	62	57	44	46	45	42	38	31	27	29
Other operatives	4,188	4,116	4,016	3,720	3,598	3,445	3,329	3,280	3,302	3,231	3,158
Durable goods manufacturing	1,331	1,313	1,206	1,009	950	947	896	836	862	855	761
Nondurable goods manufacturing	2,117	2,047	2,048	1,956	1,925	1,819	1,719	1,722	1,749	1,672	1,678
Other industries	740	756	762	755	723	679	714	722	691	704	719
Nonfarm laborers	126	117	108	107	88	89	86	77	82	100	102
Construction	3	3	3	4	3	2	4	2	3	2	3
Manufacturing	73	67	62	52	49	43	41	37	44	58	54
Other industries	50	49	43	51	36	44	41	38	35	40	45
Service workers	6,072	5,992	5,893	5,742	5,694	5,576	5,403	5,355	5,179	4,965	4,776
Private household workers	1,689	1,737	1,861	1,916	1,995	1,985	1,977	1,991	1,943	1,915	1,932
Service workers, except private household ..	4,383	4,255	4,032	3,826	3,699	3,591	3,426	3,364	3,236	3,050	2,844
Protective service workers	50	44	44	41	45	40	39	32	31	33	24
Waiters, cooks, and bartenders	1,541	1,524	1,409	1,382	1,360	1,335	1,264	1,208	1,184	1,152	1,063
Other service workers	2,792	2,688	2,579	2,403	2,294	2,216	2,123	2,124	2,021	1,865	1,757
Farm workers	587	618	676	758	778	817	815	852	957	1,009	969
Farmers and farm managers	82	98	123	131	132	131	131	128	109	119	122
Farm laborers and foremen	505	520	553	627	646	686	684	724	848	890	847
Paid workers	144	172	170	187	199	229	204	217	254	250	242
Unpaid family workers	361	348	383	440	447	457	480	507	594	640	605

HOUSEHOLD DATA

Table 4. Employed persons 16 years and over by occupation, annual averages, 1958-68

White
(In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	67,751	66,361	65,019	63,445	61,922	60,622	59,698	58,912	58,850	58,005	56,614
White-collar workers	33,561	32,395	31,424	30,359	29,477	28,681	28,459	27,771	27,409	26,639	25,953
Professional and technical	9,685	9,287	8,759	8,348	8,043	7,821	7,658	7,380	7,138	6,836	6,690
Medical and other health	1,516	1,458	1,396	1,391	1,317	1,276	1,282	1,261	1,243	1,179	1,197
Teachers, except college	2,024	1,957	1,825	1,687	1,689	1,639	1,574	1,535	1,503	1,389	1,389
Other professional and technical	6,145	5,872	5,538	5,270	5,037	4,906	4,802	4,584	4,392	4,268	4,104
Managers, officials, and proprietors	7,551	7,287	7,198	7,136	7,257	7,101	7,219	6,946	6,889	6,773	6,631
Salaried workers	5,384	5,169	4,590	4,340	4,227	4,073	3,974	3,685	3,465	3,374	3,213
Self-employed workers in retail trade	1,045	1,023	1,208	1,326	1,406	1,380	1,524	1,607	1,704	1,663	1,701
Self-employed workers, except retail trade	1,122	1,094	1,400	1,470	1,624	1,648	1,721	1,654	1,720	1,736	1,717
Clerical workers	11,836	11,435	11,064	10,511	10,066	9,730	9,570	9,310	9,259	8,903	8,725
Stenographers, typists, and secretaries	3,169	3,027	2,951	2,766	2,595	2,534	2,412	2,302	2,288	2,245	2,175
Other clerical workers	8,666	8,408	8,113	7,745	7,471	7,196	7,158	7,008	6,971	6,658	6,550
Sales workers	4,489	4,387	4,403	4,364	4,111	4,029	4,012	4,135	4,123	4,127	3,907
Retail trade	2,677	2,662	2,646	2,630	2,416	2,386	2,340	2,405	2,421	2,416	2,304
Other sales workers	1,811	1,726	1,757	1,734	1,695	1,643	1,672	1,730	1,702	1,711	1,603
Blue-collar workers	24,063	23,863	23,650	23,114	22,344	21,922	21,269	20,989	21,277	21,265	20,734
Craftsmen and foremen	9,359	9,229	8,989	8,695	8,456	8,446	8,240	8,191	8,139	8,165	8,085
Carpenters	821	788	804	807	767	766	767	784	802	816	826
Construction craftsmen, except carpenters	1,742	1,766	1,813	1,697	1,644	1,668	1,591	1,572	1,606	1,629	1,530
Mechanics and repairmen	2,418	2,347	2,229	2,187	2,077	2,058	2,010	1,983	1,893	1,915	1,949
Metal craftsmen, except mechanics	1,193	1,191	1,107	1,059	1,045	1,039	1,009	990	1,048	1,045	1,015
Other craftsmen and kindred workers	1,789	1,758	1,745	1,715	1,728	1,701	1,672	1,740	1,680	1,658	1,627
Foremen, not elsewhere classified	1,395	1,378	1,291	1,230	1,195	1,214	1,191	1,123	1,110	1,102	1,138
Operatives	12,023	12,002	12,047	11,699	11,365	10,996	10,586	10,326	10,536	10,495	10,109
Drivers and deliverymen	2,197	2,157	2,211	2,166	2,165	2,110	2,042	2,042	2,061	2,058	1,953
Other operatives	9,827	9,844	9,836	9,533	9,200	8,886	8,544	8,284	8,475	8,437	8,156
Durable goods manufacturing	4,110	4,176	4,137	3,844	3,592	3,488	3,248	3,018	3,121	3,176	2,922
Nondurable goods manufacturing	3,336	3,277	3,335	3,311	3,213	3,123	3,001	2,982	3,029	2,941	2,913
Other industries	2,381	2,392	2,364	2,378	2,395	2,275	2,295	2,284	2,325	2,320	2,321
Nonfarm laborers	2,681	2,635	2,614	2,720	2,523	2,480	2,443	2,472	2,602	2,605	2,540
Construction	536	535	512	568	540	511	509	530	546	574	564
Manufacturing	798	822	836	807	762	741	743	735	839	867	804
Other industries	1,347	1,278	1,266	1,345	1,221	1,228	1,191	1,207	1,217	1,164	1,172
Service workers	7,065	6,971	6,740	6,517	6,512	6,327	6,088	6,020	5,827	5,585	5,365
Private household workers	947	934	976	993	1,043	1,011	1,001	1,046	991	975	983
Service workers, except private household	6,118	6,037	5,764	5,524	5,469	5,316	5,087	4,974	4,836	4,613	4,382
Protective service workers	885	887	840	838	840	801	767	743	730	730	711
Waiters, cooks, and bartenders	1,761	1,757	1,664	1,628	1,614	1,575	1,490	1,435	1,406	1,377	1,306
Other service workers	3,473	3,392	3,260	3,058	3,015	2,940	2,830	2,796	2,700	2,506	2,365
Farm workers	3,062	3,130	3,206	3,454	3,591	3,689	3,879	4,133	4,335	4,514	4,557
Farmers and farm managers	1,828	1,862	1,963	2,100	2,168	2,221	2,392	2,504	2,557	2,781	2,839
Farm laborers and foremen	1,234	1,268	1,243	1,354	1,423	1,468	1,487	1,629	1,778	1,733	1,718
Paid workers	726	768	719	758	824	863	857	918	1,013	911	900
Unpaid family workers	507	500	524	596	599	605	630	711	765	822	818

HOUSEHOLD DATA

Table 5. Employed persons 16 years and over by occupation, annual averages, 1958-68

White - male
(In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	43,411	42,834	42,330	41,844	41,114	40,428	40,016	39,588	39,755	39,493	38,592
White-collar workers	18,218	17,673	17,288	17,004	16,792	16,410	16,397	16,009	15,833	15,473	15,018
Professional and technical	6,138	5,895	5,570	5,339	5,185	5,101	4,988	4,787	4,606	4,440	4,295
Medical and other health	596	575	565	561	539	538	540	559	534	502	512
Teachers, except college	617	596	547	504	495	488	479	447	427	371	355
Other professional and technical	4,926	4,725	4,458	4,274	4,151	4,075	3,969	3,781	3,645	3,517	3,428
Managers, officials, and proprietors	6,364	6,158	6,081	6,075	6,196	6,033	6,131	5,874	5,842	5,748	5,643
Salaried workers	4,589	4,418	3,885	3,704	3,604	3,446	3,367	3,128	2,952	2,872	2,770
Self-employed workers in retail trade	800	781	948	1,041	1,123	1,101	1,213	1,261	1,352	1,328	1,344
Self-employed workers, except retail trade	975	960	1,248	1,330	1,469	1,486	1,551	1,485	1,538	1,548	1,529
Clerical workers	3,075	3,067	3,042	3,022	2,972	2,895	2,899	2,852	2,901	2,782	2,710
Stenographers, typists, and secretaries	44	52	46	48	53	54	69	65	61	67	71
Other clerical workers	3,031	3,015	2,996	2,974	2,919	2,841	2,830	2,787	2,840	2,715	2,639
Sales workers	2,641	2,553	2,595	2,568	2,439	2,381	2,379	2,496	2,484	2,503	2,370
Retail trade	1,043	1,028	1,043	1,027	937	923	897	970	971	972	921
Other sales workers	1,598	1,525	1,552	1,541	1,502	1,458	1,482	1,526	1,513	1,531	1,449
Blue-collar workers	20,005	19,910	19,782	19,478	18,821	18,533	18,027	17,819	18,069	18,101	17,629
Craftsmen and foremen	9,067	8,964	8,758	8,449	8,224	8,221	8,035	7,992	7,931	7,964	7,876
Carpenters	819	786	801	806	765	763	765	782	801	815	825
Construction craftsmen, except carpenters	1,730	1,755	1,802	1,685	1,633	1,655	1,577	1,561	1,591	1,617	1,522
Mechanics and repairmen	2,396	2,325	2,217	2,173	2,059	2,043	1,998	1,973	1,879	1,901	1,933
Metal craftsmen, except mechanics	1,177	1,178	1,097	1,050	1,036	1,028	1,000	984	1,041	1,036	1,008
Other craftsmen and kindred workers	1,650	1,635	1,626	1,589	1,619	1,593	1,579	1,643	1,580	1,575	1,544
Foremen, not elsewhere classified	1,294	1,287	1,215	1,146	1,112	1,139	1,116	1,050	1,039	1,020	1,044
Operatives	8,361	8,400	8,496	8,393	8,145	7,901	7,612	7,413	7,601	7,612	7,293
Drivers and deliverymen	2,123	2,102	2,159	2,124	2,124	2,067	2,003	2,006	2,033	2,033	1,926
Other operatives	6,237	6,298	6,337	6,269	6,021	5,834	5,609	5,407	5,568	5,579	5,367
Durable goods manufacturing	2,927	2,988	3,031	2,919	2,706	2,607	2,424	2,247	2,322	2,379	2,213
Nondurable goods manufacturing	1,486	1,479	1,504	1,538	1,469	1,460	1,430	1,419	1,446	1,406	1,384
Other industries	1,824	1,831	1,802	1,812	1,846	1,767	1,755	1,741	1,800	1,794	1,770
Nonfarm laborers	2,577	2,546	2,528	2,636	2,452	2,411	2,380	2,414	2,537	2,525	2,460
Construction	534	533	509	564	537	509	507	528	544	573	561
Manufacturing	736	768	782	763	720	703	707	703	800	816	758
Other industries	1,306	1,245	1,237	1,309	1,195	1,199	1,166	1,183	1,193	1,136	1,141
Service workers	2,627	2,639	2,604	2,500	2,509	2,402	2,319	2,270	2,217	2,155	2,116
Private household workers	23	22	29	24	30	25	25	27	16	17	16
Service workers, except private household	2,604	2,617	2,575	2,476	2,479	2,377	2,294	2,243	2,201	2,138	2,100
Protective service workers	840	848	801	799	800	765	733	714	701	700	690
Waiters, cooks, and bartenders	420	435	457	429	409	378	372	370	362	358	365
Other service workers	1,343	1,334	1,317	1,248	1,270	1,234	1,189	1,159	1,138	1,080	1,045
Farm workers	2,561	2,614	2,655	2,862	2,992	3,081	3,272	3,491	3,637	3,762	3,826
Farmers and farm managers	1,753	1,771	1,857	1,984	2,055	2,112	2,278	2,396	2,466	2,677	2,733
Farm laborers and foremen	808	843	798	878	937	969	994	1,095	1,171	1,085	1,093
Paid workers	642	669	629	678	735	764	769	825	898	807	802
Unpaid family workers	166	174	169	200	202	205	225	270	273	278	291

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Table 6. Employed persons 16 years and over by occupation, annual averages, 1958-68

White - female
(In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	24,340	23,528	22,689	21,601	20,808	20,194	19,682	19,324	19,095	18,512	18,022
White-collar workers	15,342	14,723	14,136	13,355	12,685	12,271	12,062	11,762	11,576	11,166	10,935
Professional and technical	3,547	3,392	3,189	3,009	2,858	2,720	2,670	2,593	2,532	2,396	2,395
Medical and other health	921	883	831	830	778	738	742	702	709	677	685
Teachers, except college	1,407	1,362	1,278	1,183	1,194	1,151	1,095	1,088	1,076	1,018	1,034
Other professional and technical	1,219	1,148	1,080	996	886	831	833	803	747	701	676
Managers, officials, and proprietors	1,187	1,128	1,117	1,061	1,061	1,068	1,088	1,072	1,047	1,025	988
Salaried workers	795	751	705	636	623	627	607	557	513	502	443
Self-employed workers in retail trade	244	243	260	285	283	279	311	346	352	335	357
Self-employed workers, except retail trade	148	135	152	140	155	162	170	169	182	188	188
Clerical workers	8,761	8,368	8,022	7,489	7,094	6,835	6,671	6,458	6,358	6,121	6,015
Stenographers, typists, and secretaries	3,125	2,975	2,905	2,718	2,542	2,480	2,343	2,237	2,227	2,178	2,104
Other clerical workers	5,635	5,393	5,117	4,771	4,552	4,355	4,328	4,221	4,131	3,943	3,911
Sales workers	1,847	1,835	1,808	1,796	1,672	1,648	1,633	1,639	1,639	1,624	1,537
Retail trade	1,634	1,634	1,603	1,603	1,479	1,463	1,443	1,435	1,450	1,444	1,383
Other sales workers	213	201	205	193	193	185	190	204	189	180	154
Blue-collar workers	4,058	3,957	3,868	3,636	3,523	3,389	3,242	3,170	3,208	3,164	3,105
Craftsmen and foremen	292	265	231	246	232	225	205	199	208	201	209
Carpenters	1	3	3	1	2	3	2	2	1	1	1
Construction craftsmen, except carpenters	12	12	11	12	11	13	14	11	15	12	8
Mechanics and repairmen	22	22	12	14	18	15	12	10	14	14	16
Metal craftsmen, except mechanics	17	13	10	9	9	11	9	6	7	9	7
Other craftsmen and kindred workers	139	123	119	126	109	108	93	97	100	83	83
Foremen, not elsewhere classified	101	92	76	84	83	75	73	73	71	82	94
Operatives	3,662	3,602	3,551	3,306	3,220	3,095	2,974	2,913	2,935	2,883	2,816
Drivers and deliverymen	74	55	52	42	41	43	39	36	28	25	27
Other operatives	3,589	3,546	3,499	3,264	3,179	3,052	2,935	2,877	2,907	2,858	2,789
Durable goods manufacturing	1,182	1,187	1,106	925	886	881	824	771	799	797	709
Nondurable goods manufacturing	1,850	1,798	1,831	1,773	1,744	1,663	1,571	1,563	1,583	1,535	1,529
Other industries	557	561	562	566	549	508	540	543	525	526	551
Nonfarm laborers	104	90	86	84	71	69	63	58	65	80	80
Construction	2	2	3	4	3	2	2	2	2	1	3
Manufacturing	61	55	54	44	42	38	36	32	39	51	46
Other industries	40	34	29	36	26	29	25	24	24	28	31
Service workers	4,439	4,332	4,136	4,017	4,003	3,925	3,769	3,750	3,610	3,433	3,249
Private household workers	925	912	947	969	1,013	986	976	1,019	975	958	967
Service workers, except private household ..	3,514	3,420	3,189	3,048	2,990	2,939	2,793	2,731	2,635	2,475	2,282
Protective service workers	45	39	39	39	40	36	34	29	29	30	21
Waiters, cooks, and bartenders	1,340	1,324	1,207	1,199	1,205	1,197	1,118	1,065	1,044	1,019	941
Other service workers	2,130	2,058	1,943	1,810	1,745	1,706	1,641	1,637	1,562	1,426	1,320
Farm workers	502	517	551	592	599	608	607	642	698	752	731
Farmers and farm managers	76	92	106	116	113	109	114	108	91	104	106
Farm laborers and foremen	426	425	445	476	486	499	493	534	607	648	625
Paid workers	84	99	90	80	89	99	88	93	115	104	98
Unpaid family workers	342	327	355	396	397	400	405	441	492	544	527

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Table 7. Employed persons 16 years and over by occupation, annual averages, 1958-68
Negro and other races
(In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	8,169	8,011	7,875	7,643	7,383	7,140	7,004	6,832	6,927	6,624	6,422
White-collar workers	1,991	1,837	1,644	1,493	1,385	1,268	1,175	1,117	1,113	954	884
Professional and technical	641	592	551	524	499	434	372	318	331	304	262
Medical and other health	118	120	110	92	88	74	72	67	56	61	50
Teachers, except college	213	202	194	193	187	177	138	107	117	112	103
Other professional and technical	308	271	247	239	224	183	162	144	158	131	109
Managers, officials, and proprietors	225	209	207	204	192	192	189	174	178	163	154
Salaried workers	118	115	96	86	68	75	78	65	59	50	45
Self-employed workers in retail trade	54	51	55	63	67	61	59	58	62	70	69
Self-employed workers, except retail trade	53	43	56	55	57	56	52	51	57	43	40
Clerical workers	967	899	748	630	568	520	509	528	503	404	390
Stenographers, typists, and secretaries	178	163	135	112	110	95	95	100	95	74	65
Other clerical workers	789	736	613	518	458	425	414	428	408	330	325
Sales workers	158	138	138	135	125	122	105	97	101	83	78
Retail trade	110	99	100	100	87	80	71	64	66	54	54
Other sales workers	48	39	38	35	38	42	34	33	35	29	24
Blue-collar workers	3,462	3,398	3,300	3,133	2,998	2,853	2,783	2,694	2,780	2,728	2,614
Craftsmen and foremen	656	617	600	521	525	469	428	426	415	389	378
Carpenters	48	52	49	42	53	47	43	31	30	29	27
Construction craftsmen, except carpenters	159	157	162	141	146	126	111	116	114	96	89
Mechanics and repairmen	209	192	161	148	147	145	133	137	121	128	125
Metal craftsmen, except mechanics	68	69	72	53	45	40	37	31	42	35	34
Other craftsmen and kindred workers	123	100	102	101	102	82	76	86	81	80	82
Foremen, not elsewhere classified	49	49	54	36	32	29	28	24	27	21	21
Operatives	1,932	1,882	1,782	1,646	1,515	1,468	1,408	1,393	1,414	1,321	1,293
Drivers and deliverymen	350	354	358	331	337	327	301	300	306	310	293
Other operatives	1,581	1,528	1,424	1,315	1,179	1,141	1,107	1,093	1,108	1,011	1,000
Durable goods manufacturing	607	575	508	450	371	371	358	336	354	304	280
Nondurable goods manufacturing	514	484	439	381	353	333	306	323	312	270	288
Other industries	460	469	477	484	455	437	443	434	442	437	432
Nonfarm laborers	874	899	918	966	957	916	947	875	951	1,018	943
Construction	206	197	203	221	233	203	223	209	241	251	266
Manufacturing	278	285	259	271	255	252	263	240	288	301	266
Other industries	390	416	456	474	469	461	461	426	422	466	447
Service workers	2,315	2,353	2,472	2,419	2,381	2,344	2,295	2,241	2,196	2,109	2,122
Private household workers	777	835	928	963	998	1,018	1,022	989	982	973	986
Service workers, except private household	1,538	1,519	1,544	1,456	1,383	1,326	1,273	1,252	1,214	1,136	1,136
Protective service workers	67	67	44	35	49	43	37	31	35	26	28
Waiters, cooks, and bartenders	319	304	317	295	270	264	253	251	247	231	210
Other service workers	1,151	1,149	1,183	1,126	1,064	1,019	983	970	932	879	898
Form workers	403	423	460	599	621	675	753	780	841	830	804
Farmers and farm managers	98	107	128	138	145	167	195	202	219	232	240
Farm laborers and foremen	305	317	332	461	476	508	558	578	622	598	564
Paid workers	274	281	291	389	391	417	424	460	458	435	433
Unpaid family workers	31	36	41	72	85	91	134	118	164	163	131

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Table 8. Employed persons 16 years and over by occupation, annual averages, 1958-68
 Negro and other races - male
 (In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	4,702	4,646	4,588	4,496	4,359	4,229	4,160	4,067	4,148	3,972	3,831
White-collar workers	896	856	806	742	688	649	611	608	590	501	467
Professional and technical	310	288	266	257	250	208	182	165	160	142	121
Medical and other health	40	46	39	31	32	28	32	31	20	20	18
Teachers, except college	51	44	48	48	51	45	33	27	29	25	21
Other professional and technical	220	198	179	178	167	135	117	107	111	97	82
Managers, officials, and proprietors	170	160	157	155	145	147	144	128	126	110	108
Salaried workers	89	92	73	68	53	59	61	47	44	37	34
Self-employed workers in retail trade	36	33	37	42	44	39	38	36	34	39	40
Self-employed workers, except retail trade	46	36	47	45	48	49	45	45	48	34	34
Clerical workers	334	339	306	257	226	222	229	258	244	203	199
Stenographers, typists, and secretaries	5	6	5	4	4	7	4	6	5	6	4
Other clerical workers	328	334	301	253	222	215	225	252	239	197	195
Sales workers	82	69	77	73	67	72	56	57	60	46	39
Retail trade	45	40	49	45	37	38	27	31	35	26	23
Other sales workers	37	29	28	28	30	34	29	26	25	20	16
Blue-collar workers	2,808	2,774	2,732	2,629	2,539	2,423	2,345	2,253	2,351	2,321	2,204
Craftsmen and foremen	629	596	576	498	507	454	410	409	401	377	361
Carpenters	48	51	49	42	53	47	43	31	30	29	27
Construction craftsmen, except carpenters	157	156	161	140	146	125	110	116	114	95	88
Mechanics and repairmen	206	190	160	147	147	144	133	135	121	127	124
Metal craftsmen, except mechanics	65	65	68	51	45	40	35	30	41	35	34
Other craftsmen and kindred workers	110	91	92	88	90	74	66	75	72	74	71
Foremen, not elsewhere classified	43	44	46	30	26	24	23	21	23	17	17
Operatives	1,327	1,306	1,260	1,188	1,092	1,073	1,011	988	1,016	946	922
Drivers and deliverymen	346	347	353	329	332	325	298	298	303	308	291
Other operatives	981	959	907	859	760	748	713	690	713	638	631
Durable goods manufacturing	458	450	408	366	307	305	286	271	291	246	228
Nondurable goods manufacturing	247	235	222	198	172	177	158	164	146	133	139
Other industries	276	274	277	295	281	266	269	255	276	259	264
Nonfarm laborers	852	872	896	943	940	896	924	856	934	998	921
Construction	205	197	203	221	233	203	221	209	240	250	230
Manufacturing	267	273	251	263	248	247	258	235	283	294	258
Other industries	380	402	442	459	459	446	445	412	411	454	433
Service workers	682	695	715	694	690	693	661	636	627	577	595
Private household workers	13	11	14	16	16	19	21	17	14	16	21
Service workers, except private household	669	684	701	678	674	674	640	619	613	561	574
Protective service workers	61	63	39	33	44	39	32	28	33	23	25
Waiters, cooks, and bartenders	119	104	115	112	115	126	107	108	107	98	88
Other service workers	489	519	547	533	515	509	501	483	473	440	461
Farm workers	317	322	335	433	442	466	545	570	582	573	566
Farmers and farm managers	92	100	111	123	126	145	178	182	201	217	224
Farm laborers and foremen	225	222	224	310	316	321	367	388	381	356	342
Paid workers	214	207	211	282	281	287	308	336	319	289	289
Unpaid family workers	11	15	13	28	35	34	59	52	62	67	53

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Table 9. Employed persons 16 years and over by occupation, annual averages, 1958-68

Negro and other races - female
(In thousands)

Occupation	1968	1967	1966	1965	1964	1963	1962	1961	1960	1959	1958
Total	3,467	3,366	3,287	3,147	3,024	2,911	2,844	2,765	2,779	2,652	2,591
White-collar workers	1,094	983	838	751	697	619	564	509	523	453	417
Professional and technical	330	305	285	267	249	226	190	153	171	162	141
Medical and other health	79	75	71	61	56	46	40	36	36	41	32
Teachers, except college.....	163	158	146	145	136	132	105	80	88	87	82
Other professional and technical	90	73	68	61	57	48	45	37	47	34	27
Managers, officials, and proprietors	55	49	50	49	47	45	45	46	52	53	46
Salaried workers	29	24	23	18	15	16	17	18	15	13	11
Self-employed workers in retail trade.....	19	18	18	21	23	22	21	22	28	31	29
Self-employed workers, except retail trade	7	7	9	10	9	7	7	6	9	9	6
Clerical workers	633	560	442	373	342	298	280	270	259	201	191
Stenographers, typists, and secretaries....	173	157	130	108	106	88	91	94	90	68	61
Other clerical workers	460	402	312	265	236	210	189	176	169	133	130
Sales workers.....	76	69	61	62	58	50	49	40	41	37	39
Retail trade.....	66	59	51	55	50	42	44	33	31	28	31
Other sales workers	11	10	10	7	8	8	5	7	10	9	8
Blue-collar workers	654	625	568	504	459	430	438	441	429	407	410
Craftsmen and foremen.....	27	21	24	23	18	15	18	17	14	12	17
Carpenters	--	--	--	--	--	--	--	--	--	--	--
Construction craftsmen, except carpenters	2	1	1	1	--	1	1	--	--	1	1
Mechanics and repairmen	3	3	1	1	--	1	--	2	--	1	1
Metal craftsmen, except mechanics	2	4	4	2	--	--	2	1	1	--	--
Other craftsmen and kindred workers	14	9	10	13	12	8	10	11	9	6	11
Foremen, not elsewhere classified	6	5	8	6	6	5	5	3	4	4	4
Operatives	605	577	522	458	423	395	397	405	398	375	371
Drivers and deliverymen	5	7	5	2	5	2	3	2	3	2	2
Other operatives	600	570	517	456	419	393	394	403	395	373	369
Durable goods manufacturing	149	126	100	84	64	66	72	65	63	58	52
Nondurable goods manufacturing	267	249	217	183	181	156	148	159	166	137	149
Other industries	184	195	200	189	174	171	174	179	166	178	168
Nonfarm laborers	22	27	22	23	17	20	23	19	17	20	22
Construction	--	1	--	--	--	--	2	--	1	1	--
Manufacturing	11	12	8	8	7	5	5	5	5	7	8
Other industries	10	15	14	15	10	15	16	14	11	12	14
Service workers	1,634	1,659	1,757	1,725	1,691	1,651	1,634	1,605	1,569	1,532	1,527
Private household workers	765	824	914	947	982	999	1,001	972	968	957	965
Service workers, except private household ..	869	835	843	778	709	652	633	633	601	575	562
Protective service workers	6	5	5	2	5	4	5	3	2	3	3
Waiters, cooks, and bartenders	201	200	202	183	155	138	146	143	140	133	122
Other service workers	663	630	636	593	549	510	482	487	459	439	437
Farm workers	85	102	125	166	179	209	208	210	259	257	238
Farmers and farm managers	6	7	17	15	19	22	17	20	18	15	16
Farm laborers and foremen	79	95	108	151	160	187	191	190	241	242	222
Paid workers	60	73	80	107	110	130	116	124	139	146	144
Unpaid family workers	19	21	28	44	50	57	75	66	102	96	78

Chart 1.

LABOR FORCE AND EMPLOYMENT

1957 to date
(Seasonally adjusted)

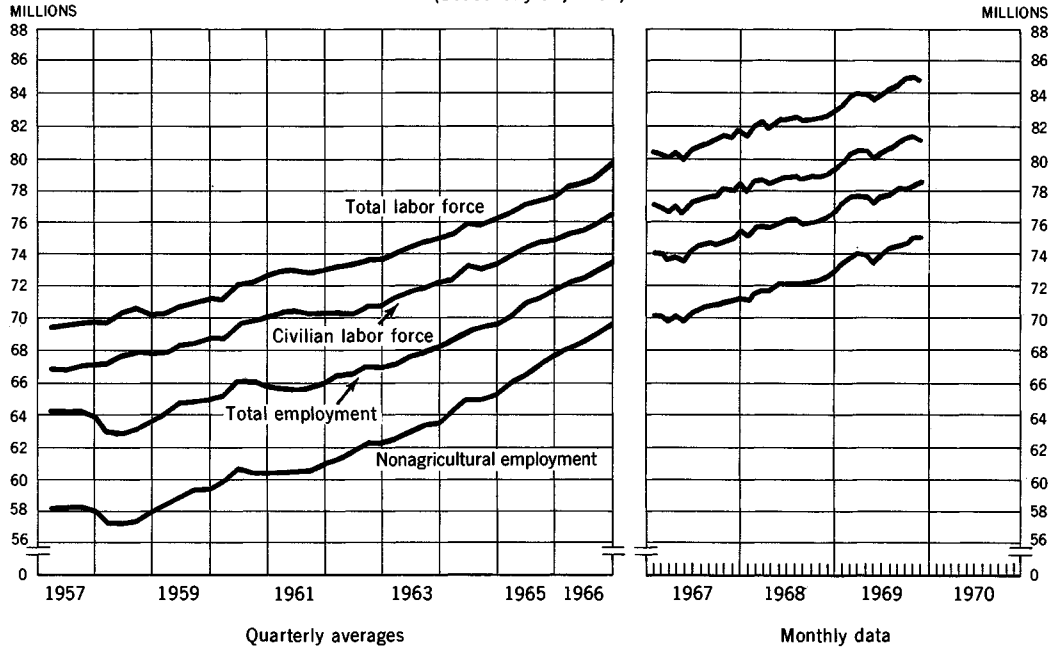
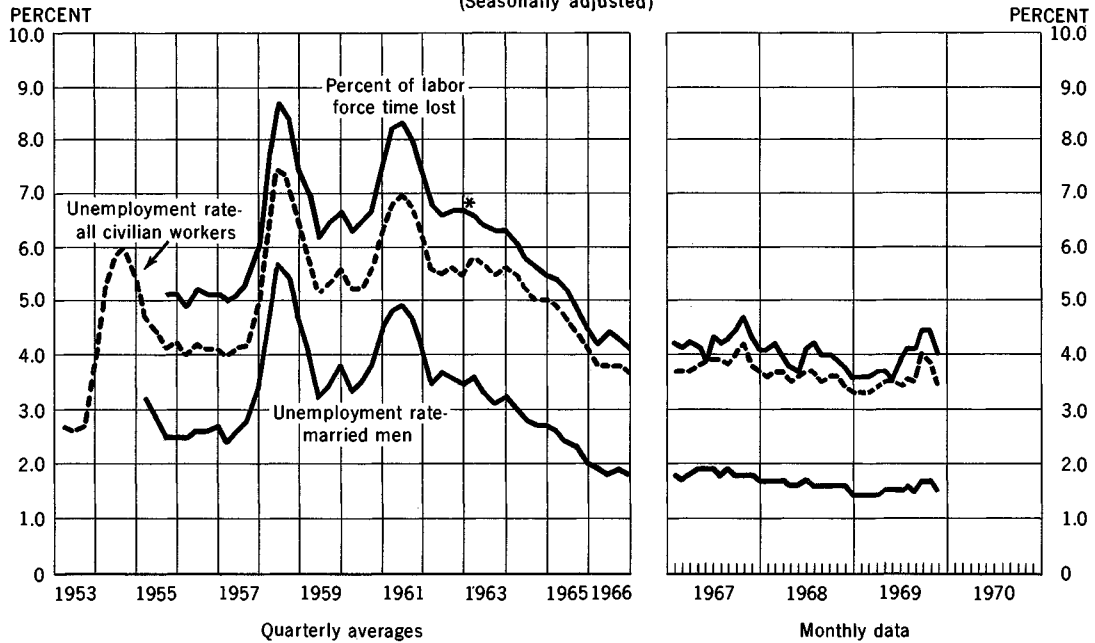


Chart 2.

MAJOR UNEMPLOYMENT INDICATORS

1953 to date
(Seasonally adjusted)

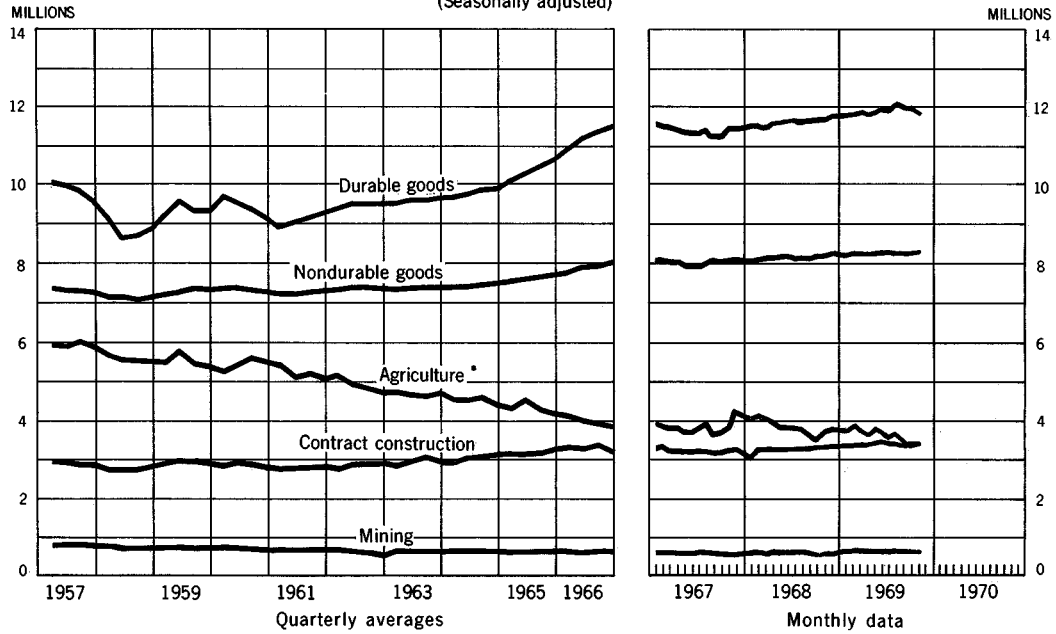


* Series revised beginning 1963 to reflect whether unemployed persons sought full- or part-time jobs

Chart 3.

PAYROLL EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)

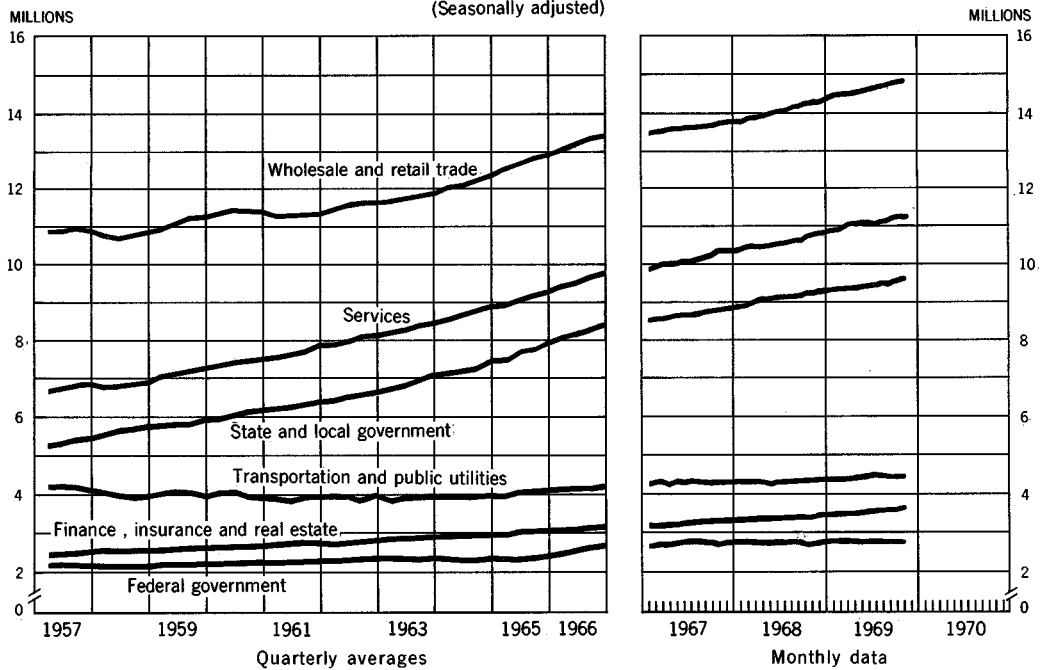


*Includes self-employed and unpaid family workers.
Note: Data for 2 most recent months are preliminary.

Chart 4.

PAYROLL EMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 5.

UNEMPLOYMENT RATES BY AGE AND SEX

1953 to date
(Seasonally adjusted)

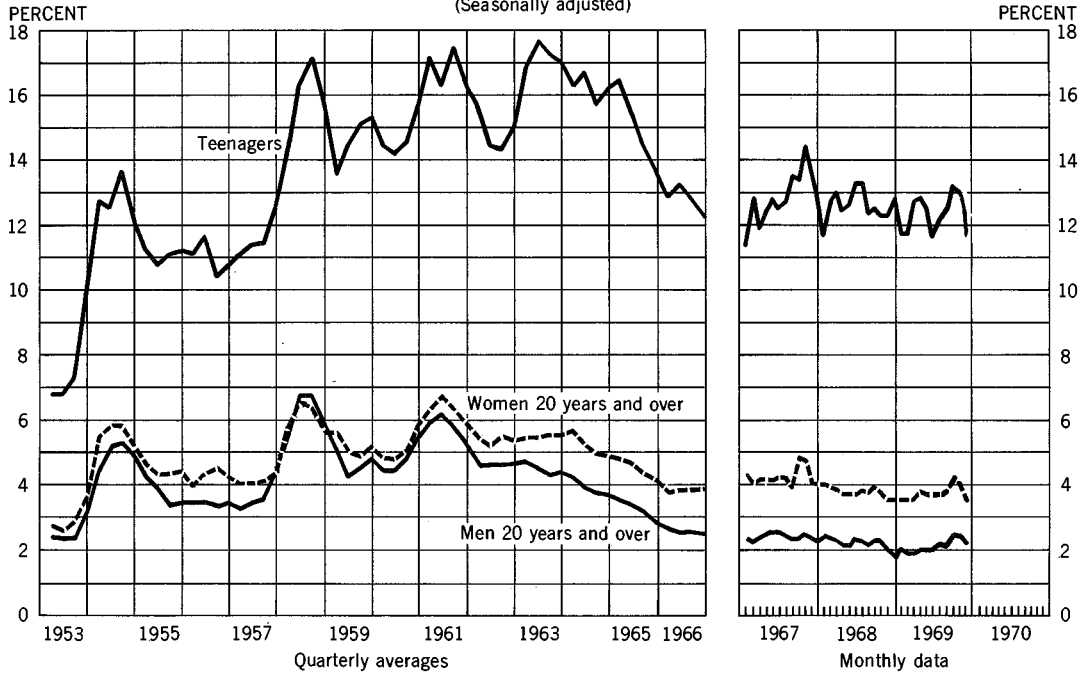


Chart 6.

TOTAL UNEMPLOYMENT BY DURATION

1953 to date
(Seasonally adjusted)

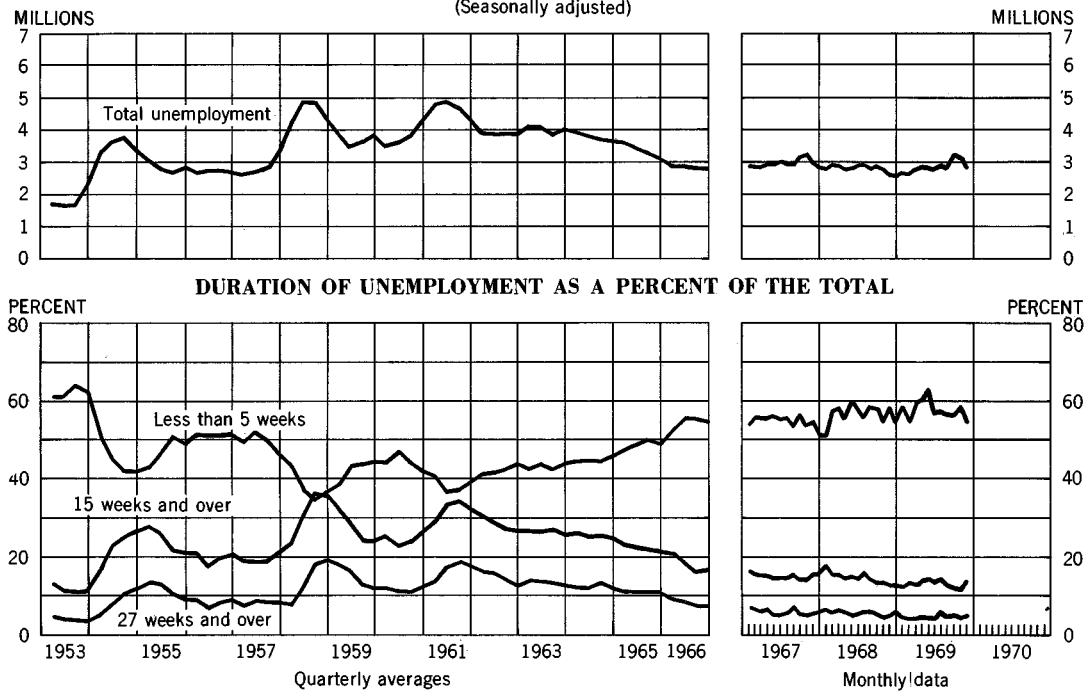
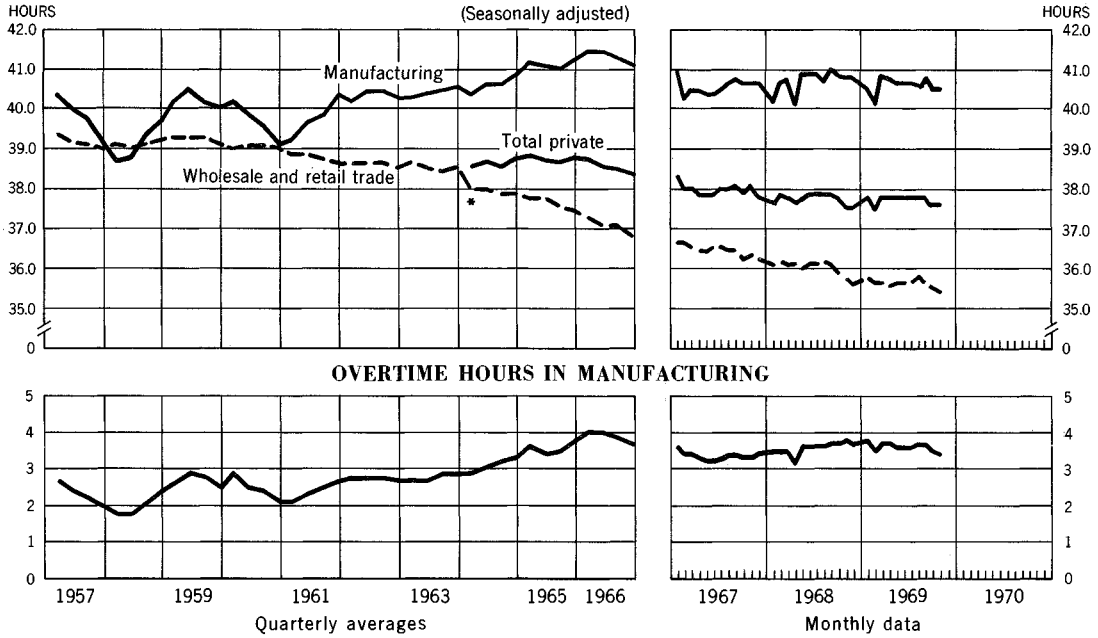


Chart 7.

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

1957 to date
(Seasonally adjusted)

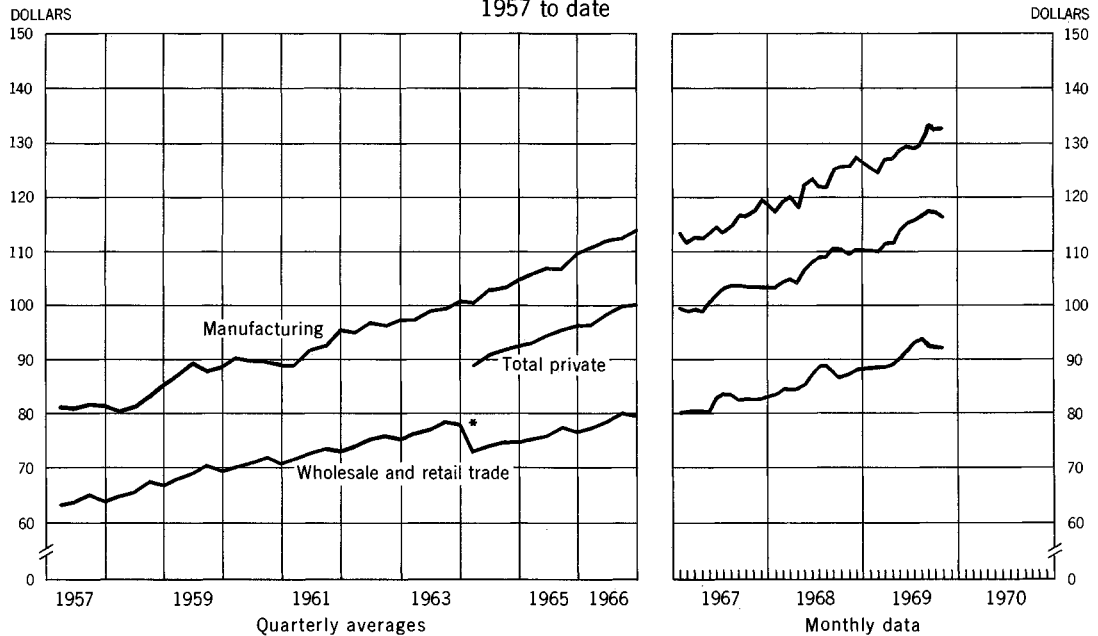


* Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

Chart 8.

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

1957 to date

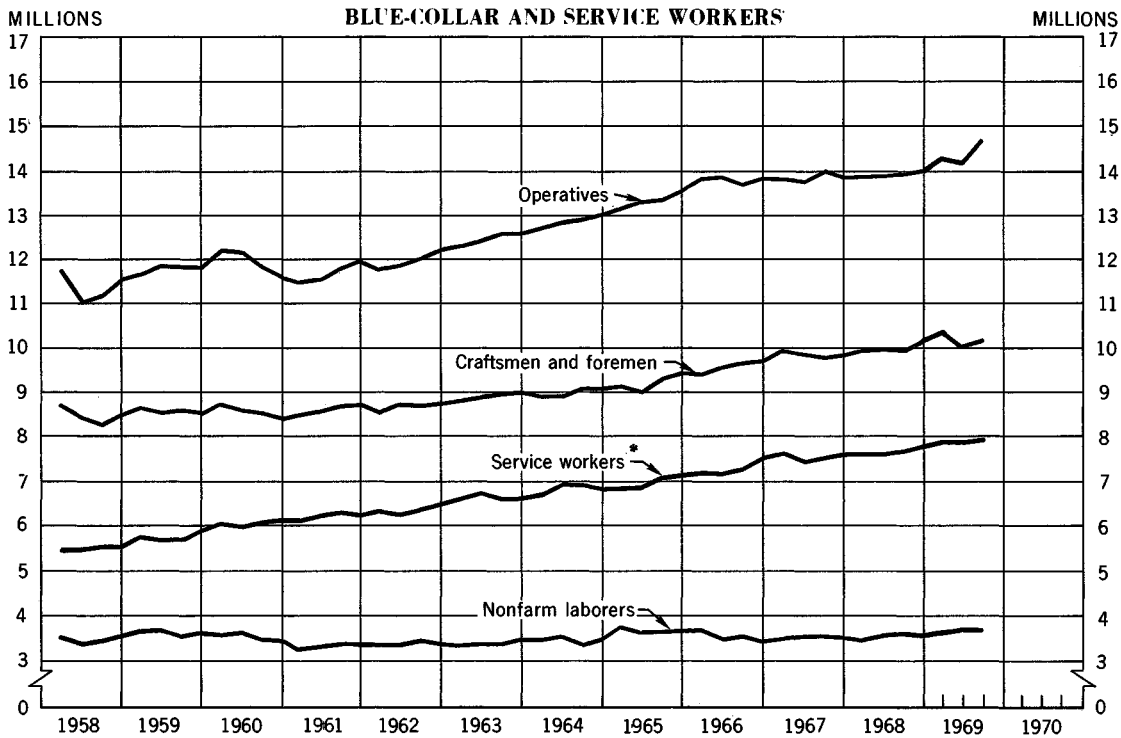
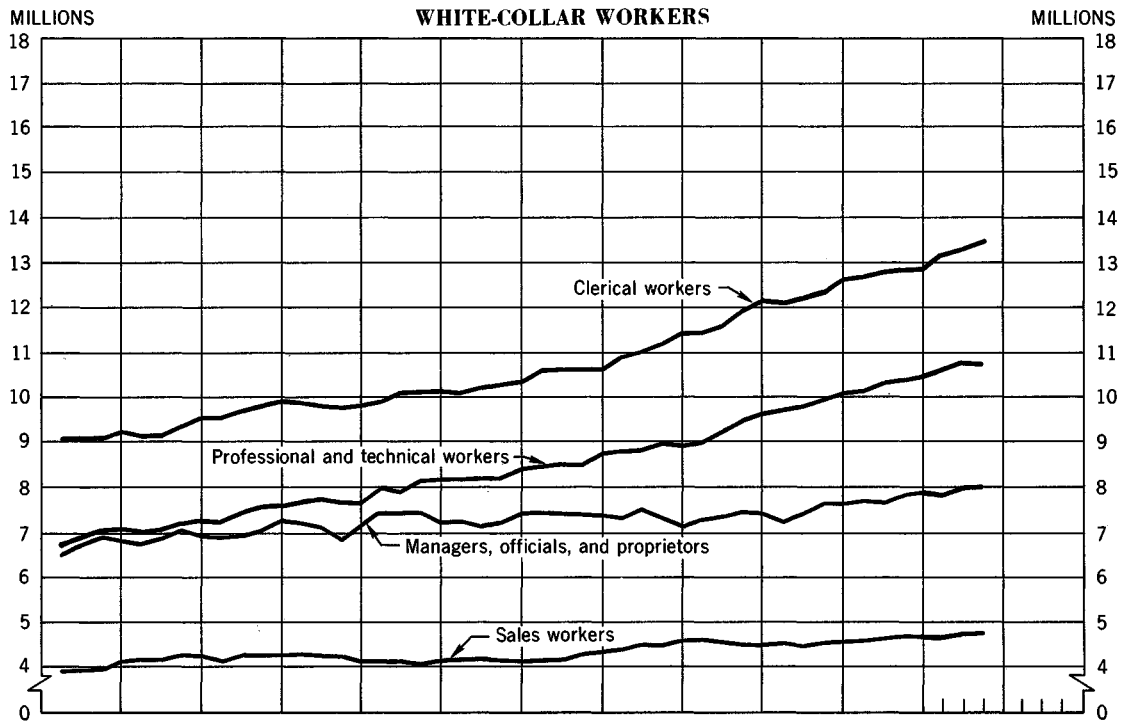


* Includes eating and drinking establishments, not previously available.
Note: Data for 2 most recent months are preliminary.

Chart 9.

EMPLOYMENT IN NONFARM OCCUPATIONS

1958 to date
(Seasonally adjusted quarterly averages)



* Excludes household workers.

Chart 10.

PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES BY FULL- AND PART-TIME STATUS

1957 to date
(Seasonally adjusted quarterly averages)

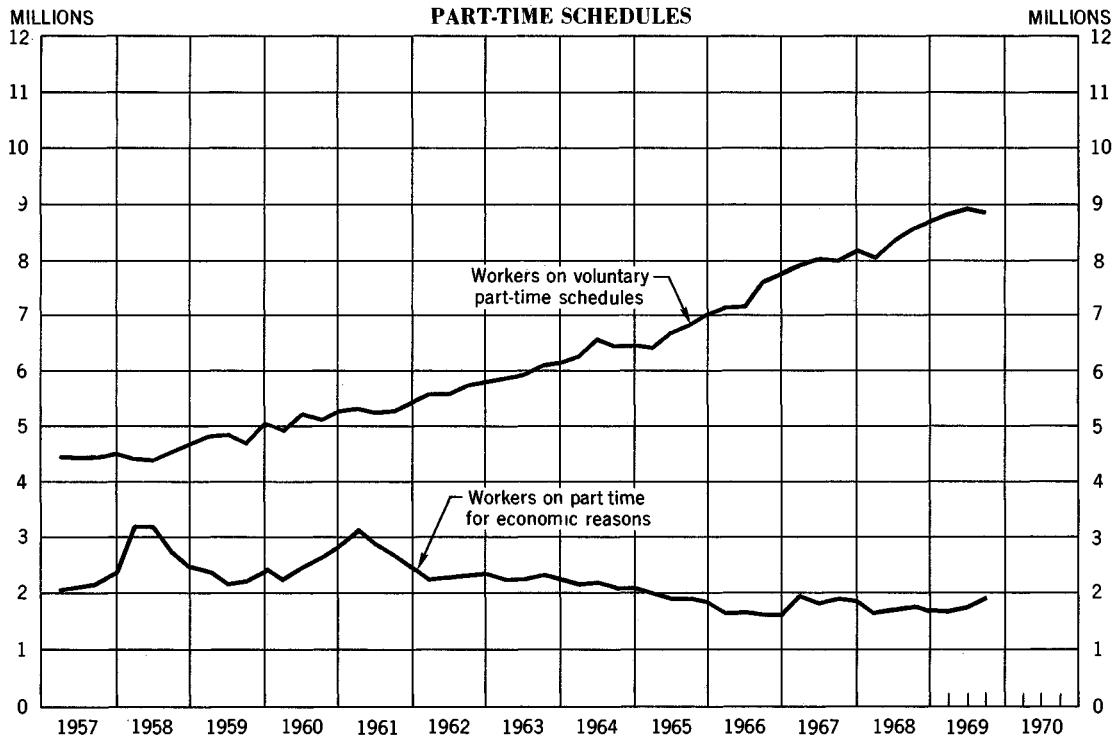
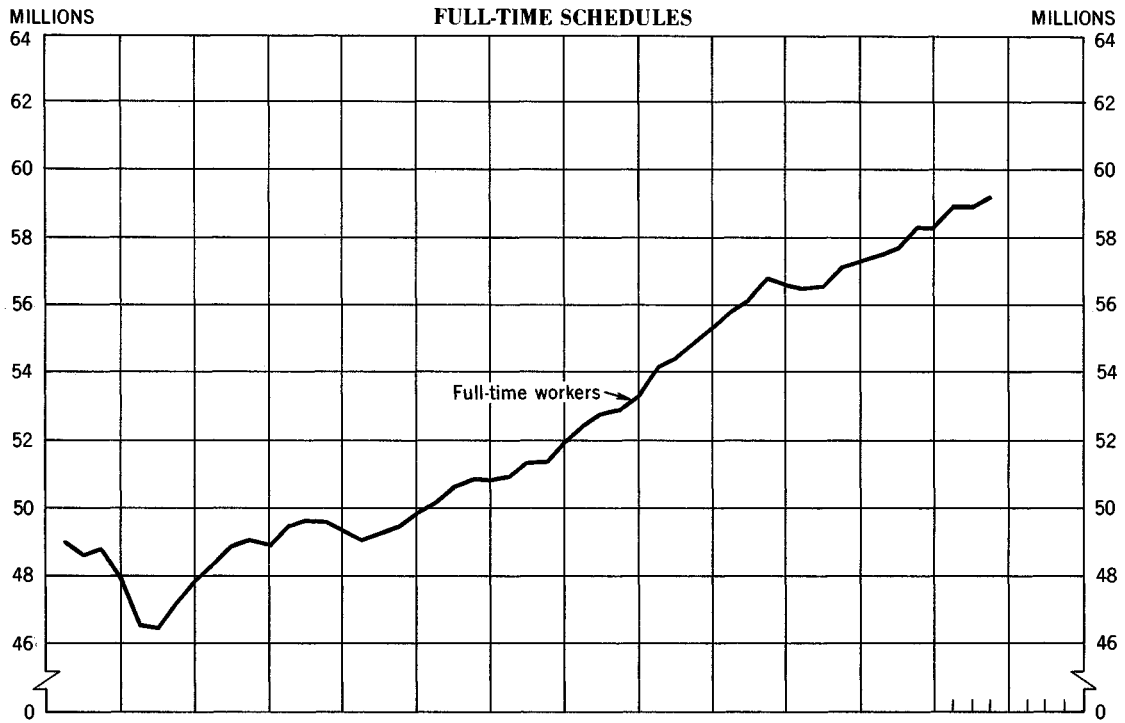
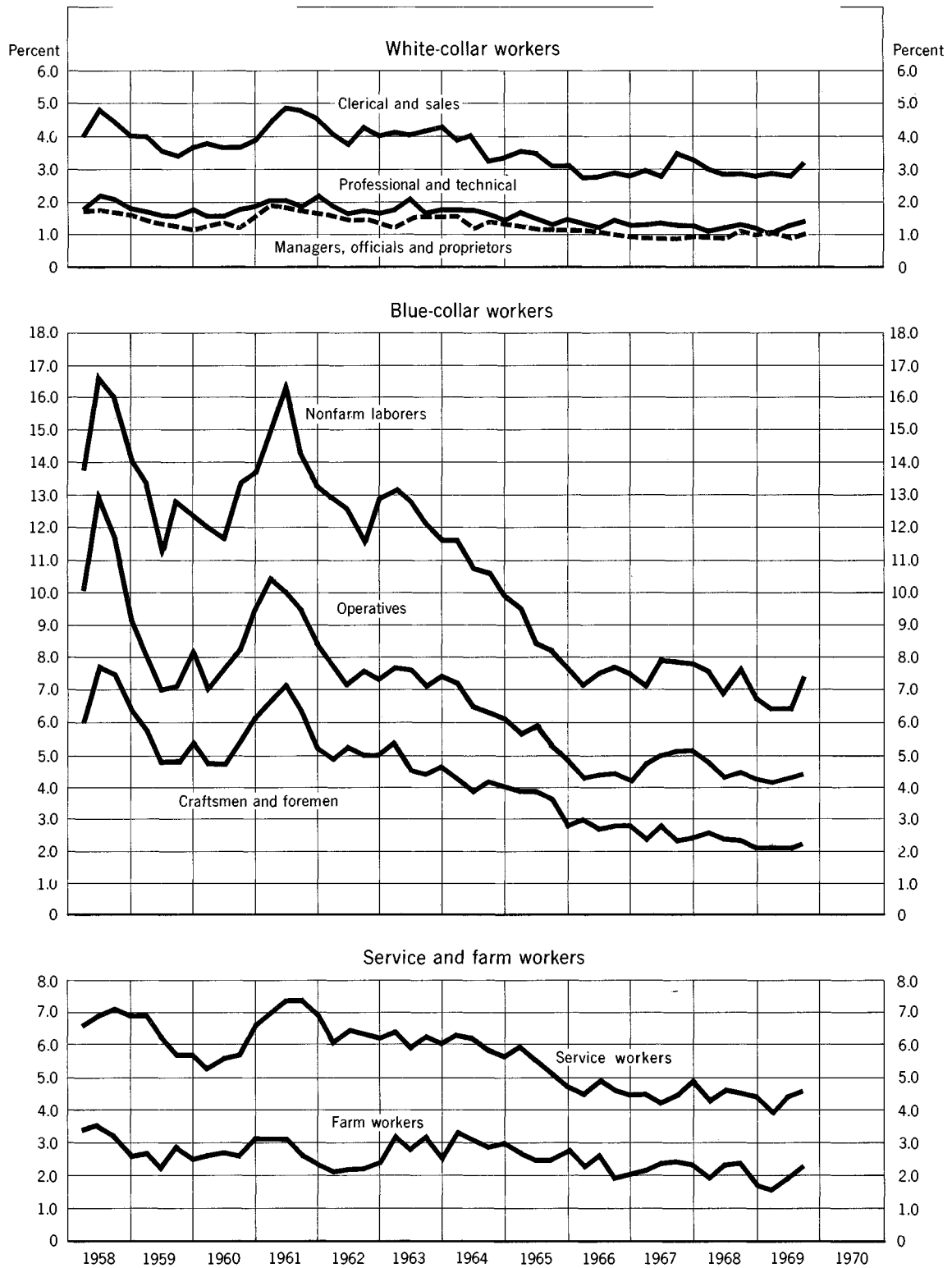


Chart 11.

UNEMPLOYMENT RATES BY OCCUPATION

1958 to date

(Seasonally adjusted quarterly averages)



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¹Quarterly data included in February, May, August, and November issues.

HOUSEHOLD DATA

A-1: Employment status of the noninstitutional population, 1929 to date

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force	
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted		Seasonally adjusted
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	54,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1968: November.....	136,420	82,702	60.6	79,185	76,609	3,607	73,001	2,577	3.3	3.4	53,718
1968: December.....	136,619	82,618	60.5	79,118	76,700	3,279	73,421	2,419	3.1	3.3	54,001
1969: January.....	136,802	81,711	59.7	78,234	75,358	3,165	72,192	2,876	3.7	3.3	55,091
1969: February.....	136,940	82,579	60.3	79,104	76,181	3,285	72,896	2,923	3.7	3.3	54,361
1969: March.....	137,143	82,770	60.4	79,266	76,520	3,327	73,193	2,746	3.5	3.4	54,373
1969: April.....	137,337	83,137	60.5	79,621	77,079	3,607	73,471	2,542	3.2	3.5	54,200
1969: May.....	137,549	83,085	60.4	75,563	77,264	3,894	73,370	2,299	2.9	3.5	54,464
1969: June.....	137,737	85,880	62.4	82,356	78,956	4,367	74,589	3,400	4.1	3.4	51,857
1969: July.....	137,935	86,318	62.6	82,797	79,616	4,155	75,460	3,182	3.8	3.6	51,617
1969: August.....	138,127	86,046	62.3	82,516	79,646	3,977	75,669	2,869	3.5	3.5	52,081
1969: September.....	138,317	84,527	61.1	80,984	78,026	3,629	74,397	2,958	3.7	4.0	53,790
1969: October.....	138,539	85,038	61.4	81,510	78,671	3,561	75,110	2,839	3.5	3.9	53,501
1969: November.....	138,732	84,920	61.2	81,427	78,716	2,322	75,395	2,710	3.3	3.4	53,812

¹Not available.

HOUSEHOLD DATA

A-2: Employment status of the noninstitutional population 16 years and over by sex, 1947 to date

(In thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
MALE											
1947.....	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953.....	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1968: November.....	65,738	52,678	80.1	49,198	47,969	2,962	44,007	1,229	2.5	2.7	13,060
1969: May.....	66,241	53,139	80.2	49,657	48,543	3,154	45,388	1,114	2.2	2.7	13,102
June.....	66,325	55,001	82.9	51,517	49,937	3,442	46,495	1,580	3.1	2.7	11,324
July.....	66,395	55,501	83.6	52,020	50,412	3,322	47,090	1,608	3.1	3.0	10,894
August.....	66,482	55,306	83.2	51,815	50,522	3,223	47,299	1,293	2.5	2.7	11,176
September.....	66,569	53,797	80.8	50,294	48,973	2,988	45,985	1,321	2.6	3.2	12,771
October.....	66,671	53,654	80.5	50,166	48,857	2,891	45,966	1,309	2.6	3.2	13,017
November.....	66,757	53,521	80.2	50,067	48,739	2,722	46,017	1,329	2.7	2.9	13,236
FEMALE											
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948.....	53,088	17,351	32.7	17,335	16,618	1,271	15,347	717	4.1	-	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951.....	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952.....	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953.....	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3	-	36,924
1954.....	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955.....	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9	-	37,026
1956.....	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8	-	36,769
1957.....	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958.....	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959.....	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960.....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962.....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1968: November.....	70,683	30,024	42.5	29,987	28,639	645	27,994	1,347	4.5	4.3	40,658
1969: May.....	71,309	29,946	42.0	29,907	28,721	740	27,982	1,185	4.0	4.8	41,362
June.....	71,412	30,879	43.2	30,839	29,019	925	28,094	1,819	5.9	4.7	40,533
July.....	71,540	30,817	43.1	30,778	29,204	834	28,370	1,574	5.1	4.6	40,722
August.....	71,644	30,740	42.9	30,701	29,124	754	28,370	1,577	5.1	4.9	40,905
September.....	71,749	30,730	42.8	30,691	29,053	642	28,412	1,638	5.3	5.3	41,019
October.....	71,868	31,384	43.7	31,345	29,814	670	29,144	1,530	4.9	5.0	40,484
November.....	71,976	31,399	43.6	31,359	29,978	600	29,378	1,381	4.4	4.3	40,577

HOUSEHOLD DATA

A - 3: Employment status of the noninstitutional population by sex, age, and color
November 1969
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
MALE											
16 years and over	53,521	80.2	50,067	48,739	1,329	2.7	13,236	199	4,432	1,372	7,233
16 to 21 years	6,845	62.7	5,380	4,842	538	10.0	4,078	10	3,764	37	266
16 to 19 years	4,058	54.8	3,617	3,197	420	11.6	3,342	6	3,112	23	201
16 and 17 years	1,679	44.1	1,644	1,405	238	14.5	2,131	7	2,043	8	74
18 and 19 years	2,378	66.2	1,973	1,792	181	9.2	1,212	--	1,070	15	127
20 to 64 years	47,291	92.1	44,279	43,419	860	1.9	4,029	64	1,317	835	1,813
20 to 24 years	7,046	84.9	5,273	5,015	259	4.9	1,249	5	1,064	30	151
25 to 54 years	33,141	96.1	31,905	31,426	479	1.5	1,358	30	249	415	664
25 to 29 years	6,364	95.8	5,890	5,765	125	2.1	282	3	172	31	76
30 to 34 years	5,406	97.5	5,109	5,026	83	1.6	140	2	39	39	60
35 to 39 years	5,282	97.4	5,013	4,955	58	1.2	142	6	15	44	77
40 to 44 years	5,617	96.7	5,503	5,434	69	1.3	194	6	12	70	106
45 to 49 years	5,575	95.6	5,514	5,443	70	1.3	256	3	6	89	158
50 to 54 years	4,897	93.4	4,876	4,803	73	1.5	345	11	5	141	188
55 to 64 years	7,104	83.3	7,100	6,978	123	1.7	1,422	28	4	391	999
55 to 59 years	4,204	89.7	4,201	4,117	84	2.0	480	10	1	183	286
60 to 64 years	2,900	75.5	2,899	2,861	39	1.3	941	18	3	207	713
65 years and over	2,172	27.0	2,172	2,123	49	2.3	5,864	129	2	514	5,219
65 to 69 years	1,258	41.3	1,258	1,224	33	2.7	1,786	23	2	141	1,620
70 years and over	914	18.3	914	899	16	1.7	4,078	106	--	373	3,599
White											
16 years and over	48,088	80.5	45,000	43,938	1,062	2.4	11,684	161	3,889	1,144	6,490
16 to 21 years	5,977	62.9	4,665	4,263	402	8.6	3,524	8	3,287	29	200
16 to 19 years	3,558	55.4	3,166	2,848	318	10.0	2,862	6	2,682	15	159
16 and 17 years	1,503	45.5	1,473	1,283	190	12.9	1,800	6	1,730	4	60
18 and 19 years	2,054	65.9	1,693	1,565	128	7.6	1,062	--	952	11	100
20 to 64 years	42,531	92.5	39,835	39,136	699	1.8	3,462	45	1,205	694	1,516
20 to 24 years	6,183	84.6	4,585	4,380	205	4.5	1,124	2	984	25	114
25 to 54 years	29,838	96.5	28,743	28,353	389	1.4	1,087	21	216	337	512
25 to 34 years	10,506	96.9	9,828	9,663	165	1.7	335	2	187	51	95
35 to 44 years	9,803	97.4	9,463	9,361	102	1.1	259	12	21	93	133
45 to 54 years	9,530	95.1	9,452	9,330	122	1.3	493	7	8	193	284
55 to 64 years	6,511	83.9	6,507	6,403	104	1.6	1,250	22	5	333	891
55 to 59 years	3,843	90.3	3,840	3,767	73	1.9	412	6	2	153	252
60 to 64 years	2,668	76.1	2,667	2,636	31	1.2	838	16	3	179	640
65 years and over	1,999	27.2	1,999	1,953	46	2.3	5,360	110	2	435	4,814
Negro and other races											
16 years and over	5,433	77.8	5,067	4,801	266	5.3	1,552	38	543	228	743
16 to 21 years	868	61.1	715	579	136	19.0	554	2	477	8	66
16 to 19 years	500	51.0	451	348	102	22.7	480	--	431	8	42
16 and 17 years	176	34.8	171	122	49	28.6	330	--	313	3	14
18 and 19 years	324	68.4	280	226	53	19.0	150	--	118	5	28
20 to 64 years	4,760	89.3	4,443	4,282	161	3.6	568	18	112	141	296
20 to 24 years	863	87.4	688	635	53	7.7	125	3	80	5	37
25 to 54 years	3,303	92.4	3,162	3,073	89	2.8	271	10	32	78	152
25 to 34 years	1,265	93.6	1,170	1,127	43	3.7	87	3	24	19	41
35 to 44 years	1,096	93.5	1,054	1,029	25	2.4	76	--	6	22	49
45 to 54 years	942	89.7	938	917	22	2.3	108	7	3	37	61
55 to 64 years	593	77.6	593	575	18	3.1	171	6	--	58	107
55 to 59 years	361	84.2	361	350	11	2.9	68	4	--	30	34
60 to 64 years	232	69.2	232	224	8	3.3	103	2	--	28	73
65 years and over	173	25.6	173	170	3	1.8	504	20	--	79	405

HOUSEHOLD DATA

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued
November 1969
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALE											
16 years and over	31,399	43.6	31,359	29,978	1,381	4.4	40,577	34,252	4,081	815	1,429
16 to 21 years	5,215	48.6	5,194	4,683	511	9.8	5,510	1,601	3,714	18	177
16 to 19 years	3,181	43.9	3,171	2,783	388	12.2	4,064	722	3,207	10	126
16 and 17 years	1,288	34.6	1,288	1,079	209	16.2	2,436	194	2,193	2	47
18 and 19 years	1,893	53.8	1,883	1,705	179	9.5	1,628	528	1,014	8	78
20 to 64 years	27,157	50.3	27,127	26,148	979	3.6	26,812	25,058	869	286	599
20 to 24 years	4,753	57.6	4,735	4,462	273	5.8	3,504	2,716	675	23	89
25 to 54 years	18,322	50.7	18,312	17,694	617	3.4	17,850	17,187	187	147	329
25 to 29 years	2,988	44.3	2,983	2,847	136	4.6	3,762	3,626	65	21	50
30 to 34 years	2,583	45.1	2,581	2,465	116	4.5	3,138	3,036	45	19	38
35 to 39 years	2,808	49.8	2,806	2,702	104	3.7	2,828	2,742	33	12	41
40 to 44 years	3,311	54.0	3,309	3,202	108	3.3	2,822	2,716	27	25	54
45 to 49 years	3,528	56.3	3,527	3,442	84	2.4	2,734	2,617	10	31	75
50 to 54 years	3,106	54.8	3,106	3,036	69	2.2	2,566	2,450	7	38	71
55 to 64 years	4,081	42.8	4,081	3,993	89	2.2	5,459	5,156	6	116	181
55 to 59 years	2,539	49.3	2,538	2,472	66	2.6	2,609	2,473	4	50	82
60 to 64 years	1,543	35.1	1,543	1,520	22	1.5	2,849	2,682	3	66	98
65 years and over	1,061	9.9	1,061	1,046	15	1.4	9,700	8,471	6	519	704
65 to 69 years	626	17.0	626	612	14	2.2	3,046	2,812	--	62	171
70 years and over	436	6.1	436	434	2	.4	6,655	5,660	5	457	533
White											
16 years and over	27,367	42.8	27,332	26,235	1,098	4.0	36,643	31,255	3,487	650	1,251
16 to 21 years	4,600	49.7	4,582	4,197	385	8.4	4,657	1,334	3,169	12	142
16 to 19 years	2,832	45.4	2,824	2,524	299	10.6	3,406	577	2,725	7	98
16 and 17 years	1,164	36.3	1,164	1,000	164	14.1	2,042	156	1,842	2	41
18 and 19 years	1,668	55.0	1,659	1,524	135	8.1	1,364	420	883	5	57
20 to 64 years	23,554	49.2	23,527	22,745	782	3.3	24,297	22,817	756	226	497
20 to 24 years	4,104	56.9	4,088	3,887	201	4.9	3,104	2,426	590	15	73
25 to 54 years	15,786	49.4	15,776	15,276	500	3.2	16,192	15,636	160	120	276
25 to 34 years	4,708	43.1	4,702	4,503	199	4.2	6,223	6,029	90	35	69
35 to 44 years	5,245	50.7	5,241	5,070	171	3.3	5,100	4,937	53	29	81
45 to 54 years	5,833	54.5	5,832	5,702	130	2.2	4,869	4,671	17	56	125
55 to 64 years	3,664	42.3	3,664	3,583	81	2.2	5,001	4,755	6	91	149
55 to 59 years	2,271	48.8	2,271	2,210	61	2.7	2,383	2,272	4	41	66
60 to 64 years	1,393	34.7	1,393	1,373	20	1.4	2,618	2,484	3	49	83
65 years and over	981	9.9	981	965	16	1.6	8,940	7,861	6	417	657
Negro and other races											
16 years and over	4,032	50.6	4,027	3,743	284	7.1	3,934	2,996	594	165	178
16 to 21 years	615	41.9	613	486	126	20.6	853	267	545	5	35
16 to 19 years	349	34.6	347	259	88	25.5	658	145	482	3	28
16 and 17 years	124	23.9	124	79	45	36.4	394	37	351	--	6
18 and 19 years	225	46.0	224	180	43	19.4	264	108	131	4	22
20 to 64 years	3,603	58.9	3,600	3,403	195	5.4	2,515	2,240	113	60	102
20 to 24 years	649	61.9	647	575	71	11.0	400	290	85	8	17
25 to 54 years	2,537	60.5	2,536	2,418	117	4.6	1,658	1,550	27	28	53
25 to 34 years	862	56.0	861	809	53	6.1	677	633	21	5	19
35 to 44 years	874	61.4	874	833	40	4.6	551	521	7	9	14
45 to 54 years	800	65.0	800	777	24	3.0	430	397	--	13	20
55 to 64 years	417	47.7	417	410	8	1.9	457	400	--	25	32
55 to 59 years	267	54.2	267	262	5	2.0	226	202	--	8	16
60 to 64 years	150	39.4	150	148	3	1.7	231	199	--	17	16
65 years and over	80	9.5	80	81	--	--	760	611	--	102	48

HOUSEHOLD DATA

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
MALE								
16 years and over	53,521	52,678	80.2	80.1	50,067	49,198	79.1	79.0
16 to 19 years	4,058	3,792	54.8	52.3	3,617	3,367	52.0	49.3
16 and 17 years	1,679	1,512	44.1	40.8	1,644	1,486	43.5	40.4
18 and 19 years	2,378	2,280	66.2	64.3	1,973	1,880	62.0	59.8
20 to 24 years	7,046	6,765	84.9	84.8	5,273	4,980	80.8	80.4
25 to 54 years	33,141	32,904	96.1	96.2	31,905	31,639	95.9	96.1
25 to 34 years	11,771	11,474	96.5	96.7	10,999	10,697	96.3	96.5
35 to 44 years	10,899	11,028	97.0	97.0	10,516	10,632	96.9	96.8
45 to 54 years	10,472	10,403	94.6	95.0	10,390	10,310	94.5	94.9
55 to 64 years	7,104	7,049	83.3	84.0	7,100	7,045	83.3	84.0
55 to 59 years	4,204	4,140	89.7	89.9	4,201	4,136	89.7	89.8
60 to 64 years	2,900	2,909	75.5	77.0	2,899	2,909	75.5	77.0
65 years and over	2,172	2,168	27.0	27.3	2,172	2,168	27.0	27.3
White								
16 years and over	48,088	47,380	80.5	80.4	45,000	44,264	79.4	79.3
16 to 19 years	3,558	3,347	55.4	53.1	3,166	2,960	52.5	50.1
16 and 17 years	1,503	1,347	45.5	41.9	1,473	1,323	45.0	41.5
18 and 19 years	2,054	2,000	65.9	64.9	1,693	1,637	61.5	60.2
20 to 24 years	6,183	5,952	84.6	84.4	4,585	4,340	80.3	79.8
25 to 54 years	29,838	29,624	96.5	96.6	28,743	28,510	96.4	96.5
25 to 34 years	10,506	10,244	96.9	97.0	9,828	9,566	96.7	96.8
35 to 44 years	9,803	9,925	97.4	97.3	9,463	9,575	97.3	97.2
45 to 54 years	9,530	9,455	95.1	95.4	9,452	9,370	95.0	95.3
55 to 64 years	6,511	6,463	83.9	84.7	6,507	6,460	83.9	84.7
55 to 59 years	3,843	3,789	90.3	90.5	3,840	3,786	90.3	90.5
60 to 64 years	2,668	2,674	76.1	77.6	2,667	2,674	76.1	77.6
65 years and over	1,999	1,994	27.2	27.4	1,999	1,994	27.2	27.4
Negro and other races								
16 years and over	5,433	5,297	77.8	77.7	5,067	4,934	76.6	76.5
16 to 19 years	500	445	51.0	46.8	451	407	48.4	44.6
16 and 17 years	176	165	34.8	33.8	171	163	34.1	33.5
18 and 19 years	324	280	68.4	60.6	280	243	65.1	57.2
20 to 24 years	863	813	87.4	87.5	688	640	84.6	84.6
25 to 54 years	3,303	3,280	92.4	93.2	3,162	3,129	92.1	93.0
25 to 34 years	1,265	1,230	93.6	94.5	1,170	1,131	93.1	94.0
35 to 44 years	1,096	1,103	93.5	93.6	1,054	1,057	93.3	93.4
45 to 54 years	942	948	89.7	91.1	938	940	89.7	91.0
55 to 64 years	593	586	77.6	77.6	593	585	77.6	77.6
55 to 59 years	361	351	84.2	83.2	361	350	84.2	83.2
60 to 64 years	232	235	69.2	70.5	232	235	69.2	70.5
65 years and over	173	174	25.6	26.4	173	174	25.6	26.4

HOUSEHOLD DATA

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
FEMALE								
16 years and over	31,399	30,024	43.6	42.5	31,359	29,987	43.6	42.4
16 to 19 years	3,181	2,857	43.9	40.4	3,171	2,848	43.8	40.3
16 and 17 years	1,288	1,083	34.6	30.0	1,288	1,082	34.6	30.0
18 and 19 years	1,893	1,775	53.8	51.2	1,883	1,765	53.6	51.1
20 to 24 years	4,753	4,422	57.6	55.9	4,735	4,405	57.5	55.8
25 to 34 years	18,322	17,669	50.7	49.3	18,312	16,658	50.6	49.3
25 to 34 years	5,570	5,372	44.7	44.3	5,564	5,366	44.6	44.3
35 to 44 years	6,119	6,034	52.0	50.6	6,115	6,030	52.0	50.6
45 to 54 years	6,634	6,263	55.6	53.2	6,632	6,262	55.6	53.2
55 to 64 years	4,081	4,019	42.8	43.0	4,081	4,019	42.8	43.0
55 to 59 years	2,539	2,448	49.3	48.5	2,538	2,448	49.3	48.5
60 to 64 years	1,543	1,571	35.1	36.5	1,543	1,571	35.1	36.5
65 years and over	1,061	1,057	9.9	10.0	1,061	1,057	9.9	10.0
White								
16 years and over	27,367	26,191	42.8	41.6	27,332	26,157	42.7	41.6
16 to 19 years	2,832	2,551	45.4	41.8	2,824	2,543	45.3	41.7
16 and 17 years	1,164	995	36.3	32.0	1,164	995	36.3	32.0
18 and 19 years	1,668	1,557	55.0	52.0	1,659	1,548	54.9	51.9
20 to 24 years	4,104	3,836	56.9	55.4	4,088	3,821	56.8	55.3
25 to 34 years	15,786	15,237	49.4	48.1	15,776	15,227	49.3	48.0
25 to 34 years	4,708	4,544	43.1	42.7	4,702	4,539	43.0	42.7
35 to 44 years	5,245	5,164	50.7	49.1	5,241	5,161	50.7	49.1
45 to 54 years	5,833	5,529	54.5	52.3	5,832	5,527	54.5	52.3
55 to 64 years	3,664	3,612	42.3	42.5	3,664	3,612	42.3	42.5
55 to 59 years	2,271	2,197	48.8	48.1	2,271	2,197	48.8	48.1
60 to 64 years	1,393	1,415	34.7	36.0	1,393	1,415	34.7	36.0
65 years and over	981	955	9.9	9.8	981	955	9.9	9.8
Negro and other races								
16 years and over	4,032	3,833	50.6	49.5	4,027	3,829	50.6	49.5
16 to 19 years	349	306	34.6	31.4	347	305	34.5	31.3
16 and 17 years	124	88	23.9	17.6	124	88	23.9	17.6
18 and 19 years	225	218	46.0	45.9	224	217	45.9	45.8
20 to 24 years	649	586	61.9	59.8	647	584	61.8	59.7
25 to 34 years	2,537	2,432	60.5	59.1	2,536	2,431	60.5	59.1
25 to 34 years	862	828	56.0	55.5	861	827	56.0	55.5
35 to 44 years	874	870	61.4	61.1	874	870	61.3	61.1
45 to 54 years	800	734	65.0	61.0	800	734	65.0	61.0
55 to 64 years	417	407	47.7	47.8	417	407	47.7	47.8
55 to 59 years	267	251	54.2	52.4	267	251	54.2	52.4
60 to 64 years	150	156	39.4	41.8	150	156	39.4	41.8
65 years and over	80	102	9.5	12.4	80	102	9.5	12.4

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex
November 1969
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	21,649	10,923	10,726	18,758	9,501	9,257	2,890	1,422	1,469
Total labor force	12,061	6,845	5,215	10,577	5,977	4,600	1,483	868	615
Percent of population	55.7	62.7	48.6	56.4	62.9	49.7	51.3	61.1	41.9
Civilian labor force	10,574	5,380	5,194	9,247	4,665	4,582	1,327	715	613
Employed	9,525	4,842	4,683	8,460	4,263	4,197	1,065	579	486
Agriculture	388	340	48	343	302	41	45	38	8
Nonagricultural industries	9,137	4,502	4,635	8,117	3,961	4,156	1,020	541	479
Unemployed	1,049	538	511	787	402	385	262	136	126
Percent of labor force	9.9	10.0	9.8	8.5	8.6	8.4	19.7	19.0	20.6
Looking for full-time work	526	262	263	361	177	185	164	85	79
Looking for part-time work	523	276	248	426	225	200	98	50	47
Not in labor force	9,588	4,078	5,510	8,181	3,524	4,657	1,407	554	853
Major activity: going to school									
Civilian labor force	3,865	2,196	1,668	3,530	2,009	1,521	335	187	147
Employed	3,356	1,916	1,440	3,117	1,776	1,341	239	140	99
Agriculture	185	168	18	166	153	13	19	15	4
Nonagricultural industries	3,171	1,748	1,422	2,951	1,623	1,328	220	125	95
Unemployed	508	280	228	413	233	180	95	47	48
Percent of labor force	13.1	12.7	13.7	11.7	11.6	11.8	28.5	25.2	32.8
Looking for full-time work	20	14	6	18	16	3	2	--	3
Looking for part-time work	488	265	222	395	217	177	93	48	45
Not in labor force	7,478	3,764	3,714	6,457	3,287	3,169	1,022	477	545
Major activity: other									
Civilian labor force	6,710	3,184	3,526	5,717	2,656	3,061	993	527	465
Employed	6,169	2,926	3,243	5,343	2,487	2,856	826	439	387
Agriculture	203	172	31	177	149	27	26	23	3
Nonagricultural industries	5,966	2,754	3,213	5,166	2,338	2,829	800	416	384
Unemployed	541	258	283	374	169	205	166	88	78
Percent of labor force	8.1	8.1	8.0	6.5	6.4	6.7	16.8	16.8	16.8
Looking for full-time work	505	248	258	343	161	182	162	86	76
Looking for part-time work	35	10	25	31	8	23	4	2	2
Not in labor force	2,110	314	1,796	1,725	237	1,488	385	77	308

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

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
	Total							
Total noninstitutional population	138,732	136,420	59,357	58,489	64,730	63,607	14,645	14,324
Total labor force	84,920	82,702	49,463	48,886	28,218	27,167	7,239	6,649
Percent of population	61.2	60.6	83.3	83.6	43.6	42.7	49.4	46.4
Civilian labor force	81,427	79,185	46,451	45,832	28,188	27,139	6,788	6,214
Employed	78,716	76,609	45,542	44,987	27,194	26,183	5,980	5,438
Agriculture	3,322	3,607	2,447	2,717	565	624	310	266
Nonagricultural industries	75,395	73,001	43,094	42,271	26,630	25,558	5,670	5,172
Unemployed	2,710	2,577	909	844	994	956	807	776
Percent of labor force	3.3	3.3	2.0	1.8	3.5	3.5	11.9	12.5
Not in labor force	53,812	53,718	9,893	9,603	36,512	36,440	7,407	7,675
White								
Total noninstitutional population	123,781	121,864	53,352	52,625	57,772	56,839	12,658	12,400
Total labor force	75,455	73,571	44,530	44,033	24,535	23,640	6,390	5,898
Percent of population	61.0	60.4	83.5	83.7	42.5	41.6	50.5	47.6
Civilian labor force	72,332	70,421	41,834	41,304	24,508	23,614	5,990	5,503
Employed	70,172	68,401	41,089	40,616	23,710	22,862	5,373	4,923
Agriculture	2,994	3,274	2,205	2,460	519	571	271	243
Nonagricultural industries	67,178	65,127	38,884	38,156	23,192	22,292	5,102	4,679
Unemployed	2,160	2,020	745	688	798	752	617	580
Percent of labor force	3.0	2.9	1.8	1.7	3.3	3.2	10.3	10.5
Not in labor force	48,327	48,293	8,822	8,592	33,237	33,200	6,268	6,501
Negro and other races								
Total noninstitutional population	14,951	14,556	6,005	5,864	6,958	6,768	1,988	1,924
Total labor force	9,465	9,131	4,933	4,853	3,683	3,527	849	750
Percent of population	63.3	62.7	82.2	82.8	52.9	52.1	42.7	39.0
Civilian labor force	9,094	8,764	4,616	4,528	3,680	3,524	798	712
Employed	8,544	8,207	4,452	4,371	3,484	3,320	608	516
Agriculture	328	333	242	256	46	54	40	23
Nonagricultural industries	8,216	7,874	4,210	4,115	3,438	3,267	568	493
Unemployed	550	557	164	157	195	204	191	196
Percent of labor force	6.1	6.4	3.6	3.5	5.3	5.8	23.9	27.5
Not in labor force	5,486	5,425	1,072	1,011	3,275	3,241	1,139	1,174

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

November 1969

(In thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time ¹	Unemployed (looking for part-time work)	
		Full-time schedules ¹	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
TOTAL									
16 years and over	69,296	65,517	1,916	1,864	2.7	12,131	11,284	847	7.0
16 to 21 years	6,021	5,154	341	526	8.7	4,553	4,030	523	11.5
16 to 19 years	3,039	2,453	245	341	11.2	3,749	3,282	466	12.4
16 and 17 years	527	335	75	117	22.2	2,405	2,074	331	13.8
18 and 19 years	2,513	2,118	170	225	8.9	1,344	1,208	135	10.1
20 years and over	66,257	63,064	1,670	1,522	2.3	8,382	8,002	380	4.5
20 to 24 years	8,538	7,893	221	424	5.0	1,470	1,363	107	7.3
25 years and over	57,719	55,171	1,449	1,098	1.9	6,912	6,639	273	3.9
25 to 54 years	45,746	43,825	1,025	896	2.0	4,470	4,270	200	4.5
55 years and over	11,972	11,346	425	202	1.7	2,442	2,369	73	3.0
MALE									
16 years and over	45,798	43,848	967	984	2.1	4,269	3,924	345	8.1
16 to 21 years	2,935	2,507	166	262	8.9	2,445	2,169	276	11.3
16 to 19 years	1,560	1,259	128	173	11.1	2,056	1,810	246	12.0
20 years and over	44,238	42,589	839	810	1.8	2,213	2,114	99	4.5
20 to 24 years	4,578	4,262	108	207	4.5	695	644	51	7.4
25 years and over	39,660	38,327	731	603	1.5	1,518	1,470	48	3.2
25 to 54 years	31,417	30,483	470	464	1.5	486	473	15	3.1
55 years and over	8,243	7,844	260	139	1.7	1,029	996	33	3.2
FEMALE									
16 years and over	23,498	21,669	949	880	3.7	7,862	7,360	501	6.4
16 to 21 years	3,086	2,647	175	263	8.5	2,108	1,861	248	11.7
16 to 19 years	1,479	1,194	117	168	11.4	1,692	1,473	220	13.0
20 years and over	22,019	20,475	832	712	3.2	6,170	5,888	282	4.6
20 to 24 years	3,960	3,630	113	217	5.5	774	718	56	7.2
25 years and over	18,059	16,845	719	495	2.7	5,396	5,170	226	4.2
25 to 54 years	14,330	13,344	555	432	3.0	3,981	3,796	185	4.6
55 years and over	3,728	3,502	163	63	1.7	1,414	1,373	41	2.9

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A- 8: Unemployed persons by sex and age

	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Total, 16 years and over	1,329	1,229	2.7	2.5	1,381	1,347	4.4	4.5
16 to 19 years	420	385	11.6	11.4	388	391	12.2	13.7
16 and 17 years	238	212	14.5	14.3	209	166	16.2	15.3
18 and 19 years	181	173	9.2	9.2	179	225	9.5	12.8
20 years and over	909	844	2.0	1.8	994	956	3.5	3.5
20 to 24 years	259	220	4.9	4.4	273	275	5.8	6.2
25 years and over	650	624	1.6	1.5	721	682	3.1	3.0
25 to 34 years	208	161	1.9	1.5	252	219	4.5	4.1
35 to 44 years	127	136	1.2	1.3	211	202	3.5	3.3
45 to 54 years	143	156	1.4	1.5	154	132	2.3	2.1
55 to 64 years	123	115	1.7	1.6	89	89	2.2	2.2
55 to 59 years	84	67	2.0	1.6	66	54	2.6	2.2
60 to 64 years	39	48	1.3	1.7	22	36	1.5	2.3
65 years and over	49	56	2.3	2.6	15	40	1.4	3.8
Household head, 16 years and over	616	602	1.5	1.5	199	224	3.1	3.6
16 to 24 years	90	70	2.9	2.3	34	28	5.1	5.1
25 to 54 years	364	370	1.2	1.3	114	124	3.1	3.5
55 years and over	161	162	1.8	1.8	50	72	2.3	3.3

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Total, 16 years and over	1,329	1,229	2.7	2.5	1,381	1,347	4.4	4.5
Married, spouse present	535	546	1.4	1.4	723	648	3.9	3.7
Widowed, divorced, or separated	95	99	3.6	3.8	213	243	3.6	4.3
Single (never married)	699	584	8.1	7.2	446	456	6.4	6.9
Total, 20 to 64 years of age	860	788	1.9	1.8	979	916	3.6	3.5
Married, spouse present	485	481	1.3	1.3	662	579	3.7	3.4
Widowed, divorced, or separated	83	89	3.6	3.9	184	202	3.6	4.0
Single (never married)	291	219	5.6	4.5	132	136	3.2	3.4
White, 16 years and over	1,062	972	2.4	2.2	1,098	1,048	4.0	4.0
Married, spouse present	459	466	1.3	1.3	618	547	3.7	3.5
Widowed, divorced, or separated	71	68	3.4	3.4	149	171	3.2	3.8
Single (never married)	532	438	7.1	6.2	331	331	5.4	5.7
White, 20 to 64 years of age	699	639	1.8	1.6	782	716	3.3	3.2
Married, spouse present	414	414	1.2	1.2	567	493	3.6	3.2
Widowed, divorced, or separated	61	59	3.3	3.4	121	135	3.0	3.4
Single (never married)	224	166	5.0	3.9	94	88	2.6	2.5
Negro and other races, 16 years and over	266	257	5.3	5.2	284	299	7.1	7.8
Married, spouse present	76	80	2.2	2.4	106	101	5.2	5.4
Widowed, divorced, or separated	24	31	4.3	5.5	64	72	5.6	6.2
Single (never married)	167	146	14.5	13.9	114	126	13.3	15.8
Negro and other races, 20 to 64 years of age	161	150	3.6	3.4	195	200	5.4	5.8
Married, spouse present	72	66	2.2	2.1	95	86	4.8	4.8
Widowed, divorced, or separated	23	31	4.5	6.0	62	67	5.7	6.2
Single (never married)	67	53	9.4	8.1	38	47	7.0	8.8

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Total.....	2,710	2,577	3.3	3.3	2.7	2.5	4.4	4.5
White-collar workers.....	784	709	2.0	1.9	1.1	1.1	3.0	2.9
Professional and technical.....	116	108	1.0	1.0	.9	1.0	1.3	1.0
Managers, officials, and proprietors.....	76	74	.9	.9	.7	.7	1.9	2.2
Clerical workers.....	479	401	3.4	3.0	2.4	1.8	3.7	3.4
Sales workers.....	113	126	2.3	2.6	1.2	1.2	3.6	4.3
Blue-collar workers.....	1,142	1,025	3.9	3.6	3.4	3.2	6.2	5.5
Craftsmen and foremen.....	204	213	1.9	2.0	1.9	2.0	2.0	2.2
Carpenters and other construction craftsmen.....	103	96	3.5	3.3	3.4	3.3	(1)	--
All other.....	101	117	1.3	1.6	1.3	1.5	1.4	2.3
Operatives.....	671	563	4.4	3.9	3.5	3.1	6.4	5.6
Drivers and deliverymen.....	65	68	2.4	2.6	2.5	2.7	1.1	(1)
All other.....	606	495	4.9	4.2	3.8	3.2	6.5	5.7
Nonfarm laborers.....	267	249	6.9	6.7	6.8	6.5	9.2	11.9
Construction laborers.....	78	91	9.6	11.1	9.4	11.2	(1)	(1)
All other.....	189	158	6.2	5.5	6.1	5.2	7.8	12.4
Service workers.....	391	418	3.9	4.2	3.7	3.5	4.0	4.6
Private household.....	58	57	3.3	3.1	(1)	3.6	3.3	3.1
All other.....	333	361	4.0	4.5	3.7	3.5	4.3	5.2
Farmers and farm laborers.....	53	49	1.8	1.5	1.7	.9	2.3	4.4
No previous work experience.....	339	375	--	--	--	--	--	--
16 to 19 years.....	276	297	--	--	--	--	--	--
20 to 24 years.....	35	53	--	--	--	--	--	--
25 years and over.....	29	26	--	--	--	--	--	--

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

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

Industry	Percent distribution		Unemployment rates ¹					
			Total		Male		Female	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Total.....	100.0	100.0	3.3	3.3	2.7	2.5	4.4	4.5
Private wage and salary workers.....	75.2	73.4	3.4	3.3	2.8	2.6	4.4	4.4
Mining.....	.5	.6	2.9	3.0	3.2	2.9	--	(1)
Construction.....	7.2	8.5	5.2	6.1	5.2	6.2	5.1	3.5
Manufacturing.....	27.7	24.6	3.5	3.0	2.6	2.3	5.6	4.8
Durable goods.....	15.7	13.7	3.4	2.8	2.6	2.4	5.9	4.6
Primary metal industries.....	1.0	2.2	2.2	4.6	1.9	4.6	5.1	(1)
Fabricated metal products.....	1.8	1.5	2.8	2.3	2.1	1.6	5.5	4.5
Machinery.....	2.3	1.4	2.7	1.7	2.4	1.4	3.9	3.5
Electrical equipment.....	3.0	2.6	3.8	3.3	2.3	2.0	6.0	5.2
Motor vehicles and equipment.....	1.4	.6	3.1	1.4	2.7	1.2	6.6	4.0
All other transportation equipment.....	2.4	1.4	4.9	2.5	3.5	2.4	13.0	3.3
Other durable goods industries.....	3.8	3.9	3.9	3.7	3.4	3.2	5.1	4.7
Nondurable goods.....	12.0	10.9	3.7	3.3	2.6	2.2	5.4	5.0
Food and kindred products.....	2.8	3.0	4.2	4.3	3.5	3.2	6.1	7.2
Textile mill products.....	1.7	1.1	4.7	2.6	3.5	1.4	5.9	4.0
Apparel and other finished textile products.....	3.2	2.8	6.1	5.2	9.0	3.9	5.4	5.5
Other nondurable goods industries.....	4.2	4.0	2.6	2.4	1.5	1.7	4.8	4.1
Transportation and public utilities.....	4.0	3.5	2.3	2.1	2.1	1.7	2.7	3.2
Railroads and railway express.....	.3	.3	1.1	1.3	.9	1.4	(1)	(1)
Other transportation.....	2.4	1.9	3.2	2.6	3.1	2.6	3.9	2.5
Communication and other public utilities.....	1.3	1.2	1.7	1.8	1.4	.6	2.1	3.6
Wholesale and retail trade.....	18.2	19.0	3.7	3.8	2.8	2.3	4.9	5.8
Finance, insurance, and real estate.....	2.4	3.1	1.8	2.4	1.4	1.4	2.3	3.4
Service industries.....	15.2	14.1	3.4	3.1	2.8	2.7	3.8	3.4
Professional services.....	4.1	4.2	1.9	2.0	1.3	1.5	2.2	2.2
All other service industries.....	11.1	9.9	4.9	4.2	4.0	3.6	5.5	4.6
Agricultural wage and salary workers.....	2.4	2.6	6.0	5.3	5.7	3.2	7.4	15.1
All other classes of workers.....	9.8	9.4	1.3	1.2	.9	1.0	1.9	1.6
No previous work experience.....	12.5	14.6	--	--	--	--	--	--

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

HOUSEHOLD DATA

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

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Unemployment level												
Total unemployed, in thousands	2,710	2,577	909	844	994	956	807	776	2,160	2,020	550	557
Lost last job	939	866	524	502	309	270	106	114	759	666	180	220
Left last job	421	415	141	139	183	170	97	106	345	341	76	74
Reentered labor force	1,011	900	226	182	457	458	328	260	779	722	232	178
Never worked before	339	375	18	20	45	58	276	297	276	291	63	84
Total unemployed, percent distribution . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	34.6	34.3	57.6	59.5	31.1	28.2	13.2	14.7	35.1	33.0	32.7	39.5
Left last job	15.5	16.1	15.5	16.5	18.4	17.8	12.0	13.6	16.0	16.9	13.7	13.3
Reentered labor force	37.3	34.9	24.9	21.6	46.0	47.9	40.6	33.5	36.1	35.7	42.1	32.1
Never worked before	12.5	14.6	2.0	2.4	4.6	6.1	34.2	38.3	12.8	14.4	11.4	15.1
Unemployment rate												
Total unemployment rate	3.3	3.3	2.0	1.8	3.5	3.5	11.9	12.5	3.0	2.9	6.1	6.4
Job-loser rate ¹	1.2	1.1	1.2	1.1	1.1	1.0	1.6	1.8	1.1	.9	1.9	2.5
Job-leaver rate ¹ . . . . .	.5	.5	.3	.3	.6	.6	1.4	1.7	.5	.5	.8	.8
Reentrant rate ¹	1.2	1.1	.5	.4	1.6	1.7	4.8	4.2	1.1	1.0	2.5	2.0
New entrant rate ¹ . . . . .	.4	.5	--	--	.2	.2	4.1	4.8	.4	.4	.7	1.0

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

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

November 1969

(Percent distribution)

Reason, sex, and age	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over	2,710	100.0	57.4	30.7	11.9	7.3	4.6
Lost last job	939	100.0	55.4	29.3	15.3	9.9	5.4
Left last job	421	100.0	57.7	31.6	10.7	6.4	4.3
Reentered labor force	1,011	100.0	60.1	31.3	8.7	4.8	3.9
Never worked before	339	100.0	54.1	32.2	13.6	9.2	4.4
Male, 20 years and over	909	100.0	53.7	30.5	15.7	9.0	6.7
Lost last job	524	100.0	54.2	29.0	16.8	10.7	6.1
Left last job	141	100.0	56.3	29.6	14.0	7.0	7.0
Reentered labor force	226	100.0	52.9	33.9	13.2	6.6	6.6
Never worked before	18	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	994	100.0	59.9	29.4	10.6	6.1	4.5
Lost last job	309	100.0	53.4	30.4	16.2	10.4	5.8
Left last job	183	100.0	50.8	39.3	9.8	7.1	2.7
Reentered labor force	457	100.0	69.1	24.1	6.8	2.6	4.2
Never worked before	45	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	807	100.0	58.3	32.5	9.2	6.8	2.4
Lost last job	106	100.0	67.6	26.9	5.5	4.6	.9
Left last job	97	100.0	(1)	(1)	(1)	(1)	(1)
Reentered labor force	328	100.0	52.9	39.4	7.6	6.1	1.5
Never worked before	276	100.0	56.0	31.0	12.9	9.7	3.2

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

HOUSEHOLD DATA

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Total.....	2,710	2,577	100.0	100.0	815	826	100.0	100.0
Less than 5 weeks.....	1,555	1,567	57.4	60.8	430	495	52.8	59.9
5 to 14 weeks.....	833	718	30.7	27.9	247	222	30.3	26.8
5 to 10 weeks.....	652	527	24.1	20.5	201	155	24.7	18.8
11 to 14 weeks.....	181	192	6.7	7.5	46	66	5.6	8.0
15 weeks and over.....	322	292	11.9	11.3	138	110	16.9	13.3
15 to 26 weeks.....	198	179	7.3	6.9	72	53	8.8	6.4
27 weeks and over.....	124	112	4.6	4.3	66	56	8.1	6.8
Average (mean) duration.....	7.8	7.9	--	--	9.7	9.7	--	--

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

November 1969

Sex, age, color, and marital status	Thousands of persons					Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
	Total	2,710	1,555	833	198	124	57.4	60.8	11.9	11.3
16 to 21 years.....	1,049	607	352	70	19	57.8	63.0	8.6	8.3
16 to 19 years.....	807	471	263	55	18	58.3	61.6	9.1	8.1
20 to 24 years.....	531	310	182	26	14	58.4	65.5	7.4	8.0
25 to 44 years.....	798	484	225	45	45	60.7	60.6	11.3	12.0
45 years and over.....	573	290	164	73	46	50.7	56.0	20.8	17.4
Male	1,329	739	407	115	67	55.6	58.7	13.7	11.1
16 to 21 years.....	538	317	173	41	8	58.9	60.5	9.0	6.5
16 to 19 years.....	420	251	129	33	7	59.7	60.7	9.5	6.8
20 to 24 years.....	259	153	85	16	5	59.0	60.4	8.2	7.3
25 to 44 years.....	335	194	97	22	21	57.9	63.3	12.8	9.4
45 years and over.....	315	142	95	44	34	45.0	51.1	24.8	20.4
Female	1,381	816	426	83	56	59.0	62.7	10.1	11.5
16 to 21 years.....	511	290	180	30	12	56.7	65.3	8.1	9.9
16 to 19 years.....	388	220	134	22	12	56.8	62.5	8.7	9.5
20 to 24 years.....	273	157	97	10	8	57.8	69.7	6.7	8.5
25 to 44 years.....	463	290	127	23	25	62.6	58.7	10.4	14.0
45 years and over.....	258	149	69	28	12	57.6	62.3	15.8	13.7
White: Total	2,160	1,267	649	150	94	58.6	62.1	11.3	11.2
Male.....	1,062	593	319	91	59	55.9	60.9	14.1	11.2
Female.....	1,098	673	330	60	35	61.4	63.2	8.6	11.3
Negro and other races: Total	550	288	184	48	30	52.4	56.2	14.2	11.6
Male.....	266	146	88	24	8	54.8	50.5	12.3	10.9
Female.....	284	142	96	23	22	50.1	61.2	15.9	12.2
Male: Married, wife present	535	286	160	49	40	53.4	59.4	16.6	13.6
Widowed, divorced, or separated.....	95	53	22	12	7	(1)	(1)	(1)	(1)
Single (never married).....	699	401	224	54	20	57.3	58.2	10.6	7.8
Female: Married, husband present	723	463	196	39	25	64.0	64.6	8.9	10.9
Widowed, divorced, or separated.....	213	116	63	19	15	54.4	65.9	16.0	8.6
Single (never married).....	446	237	167	25	16	53.2	58.4	9.3	13.9

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

HOUSEHOLD DATA

A-16: Unemployed persons by duration, occupation, and industry of last job
November 1969

Occupation and industry	Thousands of persons					Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Nov.	Nov.	Nov.	Nov.
						1969	1968	1969	1968
OCCUPATION									
White-collar workers.....	784	435	249	56	45	55.4	57.7	12.8	13.2
Professional and managerial.....	192	93	57	25	16	48.4	51.6	21.4	16.5
Clerical workers.....	479	270	160	28	20	56.4	60.7	10.2	12.5
Sales workers.....	113	72	31	3	8	63.1	57.0	9.2	10.2
Blue-collar workers.....	1,142	690	321	82	48	60.4	62.4	11.4	10.9
Craftsmen and foremen.....	204	134	47	19	4	65.7	67.7	11.4	11.2
Operatives.....	671	399	186	51	36	59.4	58.5	12.8	12.4
Nonfarm laborers.....	267	157	88	12	9	59.0	66.6	8.0	7.1
Service workers.....	391	211	139	26	15	54.0	60.1	10.4	8.9
INDUSTRY¹									
Agriculture.....	72	50	16	4	1	(2)	(2)	(2)	(2)
Construction.....	211	130	60	9	12	61.6	72.7	9.9	9.5
Manufacturing.....	752	424	215	69	44	56.3	56.0	15.1	13.4
Durable goods.....	428	237	119	45	28	55.3	57.3	16.9	11.8
Nondurable goods.....	324	187	96	24	17	57.7	56.4	12.7	15.5
Transportation and public utilities.....	115	65	41	6	2	56.9	(2)	7.6	(2)
Wholesale and retail trade.....	497	278	177	28	14	55.9	62.6	8.6	9.4
Finance and service industries.....	580	344	173	39	23	59.3	59.5	10.7	9.9
Public administration.....	99	48	34	11	6	(2)	(2)	(2)	(2)
No previous work experience.....	339	183	109	31	15	54.0	60.0	13.7	12.6

¹Includes wage and salary workers only.

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

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

Age and type of industry	Total		Male		Female	
	Nov.	Nov.	Nov.	Nov.	Nov.	Nov.
	1969	1968	1969	1968	1969	1968
All industries	78,716	76,609	48,739	47,969	29,978	28,639
16 to 19 years.....	5,980	5,438	3,197	2,982	2,783	2,457
16 and 17 years.....	2,484	2,191	1,405	1,274	1,079	916
18 and 19 years.....	3,497	3,248	1,792	1,707	1,705	1,540
20 to 24 years.....	9,477	8,890	5,015	4,759	4,462	4,130
25 to 54 years.....	49,121	48,291	31,426	31,186	17,694	17,105
25 to 34 years.....	16,102	15,683	10,790	10,536	5,312	5,147
35 to 44 years.....	16,293	16,325	10,389	10,496	5,904	5,829
45 to 54 years.....	16,725	16,283	10,247	10,154	6,479	6,129
55 to 64 years.....	10,970	10,860	6,978	6,930	3,993	3,930
55 to 59 years.....	6,589	6,464	4,117	4,069	2,472	2,394
60 to 64 years.....	4,381	4,396	2,861	2,860	1,520	1,536
65 years and over.....	3,168	3,130	2,123	2,112	1,046	1,017
Nonagricultural industries	75,395	73,001	46,017	45,007	29,378	27,994
16 to 19 years.....	5,670	5,172	2,922	2,736	2,748	2,436
16 and 17 years.....	2,296	2,053	1,240	1,147	1,055	906
18 and 19 years.....	3,375	3,119	1,682	1,589	1,693	1,530
20 to 24 years.....	9,279	8,665	4,850	4,579	4,429	4,086
25 to 54 years.....	47,413	46,380	30,117	29,694	17,296	16,686
25 to 34 years.....	15,655	15,167	10,446	10,137	5,210	5,030
35 to 44 years.....	15,709	15,693	9,953	10,002	5,756	5,690
45 to 54 years.....	16,049	15,521	9,719	9,555	6,330	5,966
55 to 64 years.....	10,306	10,127	6,407	6,319	3,899	3,808
55 to 59 years.....	6,246	6,078	3,828	3,760	2,418	2,318
60 to 64 years.....	4,060	4,049	2,579	2,559	1,481	1,490
65 years and over.....	2,726	2,657	1,720	1,679	1,005	978
Agriculture	3,322	3,607	2,722	2,962	600	645
16 to 19 years.....	310	266	275	245	35	21
16 and 17 years.....	188	138	165	127	23	11
18 and 19 years.....	122	128	110	118	12	10
20 to 24 years.....	198	224	165	180	33	44
25 to 54 years.....	1,707	1,911	1,309	1,493	398	419
25 to 34 years.....	447	516	345	399	102	117
35 to 44 years.....	584	632	437	494	147	138
45 to 54 years.....	676	762	528	600	148	163
55 to 64 years.....	664	733	570	611	94	122
55 to 59 years.....	344	386	289	309	54	76
60 to 64 years.....	321	347	281	301	39	46
65 years and over.....	443	473	402	433	41	39

HOUSEHOLD DATA

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

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Total	78,716	76,609	45,542	44,987	27,194	26,183	3,197	2,982	2,783	2,457
White-collar workers	37,777	36,244	19,145	18,696	16,324	15,579	686	594	1,622	1,375
Professional and technical	11,148	10,793	6,795	6,604	4,166	4,002	106	88	81	99
Medical and other health	1,686	1,697	656	638	1,004	1,014	3	4	24	40
Teachers, except college	2,538	2,451	786	748	1,740	1,693	4	--	9	10
Other professional and technical	6,923	6,645	5,353	5,218	1,423	1,295	100	84	49	49
Managers, officials, and proprietors	8,123	7,813	6,794	6,530	1,276	1,257	41	17	13	8
Salaried workers	5,875	5,506	4,927	4,660	901	822	38	16	10	8
Self-employed workers in retail trade	1,041	1,112	812	838	228	273	--	1	2	--
Self-employed workers, except retail trade	1,207	1,195	1,055	1,032	147	162	3	--	2	--
Clerical workers	13,598	12,879	3,062	3,075	9,036	8,567	292	274	1,208	963
Stenographers, typists, and secretaries	3,505	3,331	50	44	3,115	3,010	1	4	339	273
Other clerical workers	10,093	9,548	3,012	3,031	5,921	5,556	291	270	869	690
Sales workers	4,907	4,758	2,495	2,487	1,846	1,753	247	215	319	305
Retail trade	3,067	2,897	916	902	1,644	1,535	204	170	303	290
Other sales workers	1,840	1,862	1,579	1,585	202	218	43	44	16	15
Blue-collar workers	28,337	27,626	21,447	21,033	4,846	4,625	1,759	1,697	286	270
Craftsmen and foremen	10,320	10,201	9,701	9,629	334	343	267	217	19	11
Carpenters	925	913	905	891	1	1	18	21	--	--
Construction craftsmen, except carpenters	1,957	1,884	1,895	1,836	11	15	52	34	--	--
Mechanics and repairmen	2,707	2,659	2,553	2,536	31	28	118	90	5	3
Metal craftsmen, except mechanics	1,260	1,269	1,217	1,230	22	20	20	16	1	1
Other craftsmen and kindred workers	1,936	1,968	1,724	1,738	149	175	50	50	14	5
Foremen, not elsewhere classified	1,537	1,509	1,408	1,398	119	102	8	6	1	3
Operatives	14,433	13,980	9,022	8,795	4,403	4,170	774	762	233	253
Drivers and deliverymen	2,594	2,563	2,339	2,347	129	89	121	121	4	6
Other operatives	11,840	11,417	6,684	6,448	4,274	4,082	654	640	230	247
Durable goods manufacturing	4,943	4,681	3,297	3,096	1,411	1,334	164	173	72	78
Nondurable goods manufacturing	3,955	3,888	1,609	1,602	2,107	2,049	119	117	121	120
Other industries	2,942	2,848	1,778	1,750	756	699	371	350	37	49
Nonfarm laborers	3,584	3,445	2,723	2,609	108	112	718	718	34	6
Construction	742	729	661	632	1	5	79	93	--	--
Manufacturing	1,080	1,037	894	839	65	66	112	133	9	--
Other industries	1,762	1,679	1,168	1,139	42	41	527	492	25	7
Service workers	9,629	9,502	2,711	2,803	5,556	5,434	511	470	852	796
Private household workers	1,714	1,764	34	28	1,353	1,396	9	15	318	326
Service workers, except private household	7,915	7,738	2,677	2,775	4,203	4,039	501	455	534	470
Protective service workers	924	909	863	850	48	44	10	9	3	6
Waiters, cooks, and bartenders	2,172	2,054	412	437	1,358	1,298	136	104	266	215
Other service workers	4,819	4,775	1,402	1,488	2,797	2,697	355	342	265	248
Farm workers	2,973	3,236	2,239	2,455	468	545	242	221	24	15
Farmers and farm managers	1,726	1,854	1,656	1,770	62	74	8	9	--	2
Farm laborers and foremen	1,247	1,383	584	686	407	471	234	212	23	14
Paid workers	768	887	542	646	92	117	126	114	8	9
Unpaid family workers	479	496	41	39	314	354	108	98	15	4

HOUSEHOLD DATA

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Total						
Total employed (thousands)	78,716	76,609	48,739	47,969	29,978	28,639
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers						
Professional and technical	48.0	47.3	40.7	40.2	59.9	59.2
Managers, officials, and proprietors	14.2	14.1	14.2	14.0	14.2	14.3
Clerical workers	10.3	10.2	14.0	13.6	4.3	4.4
Sales workers	17.3	16.8	6.9	7.0	34.2	33.3
Sales workers	6.2	6.2	5.6	5.6	7.2	7.2
Blue-collar workers						
Craftsmen and foremen	36.0	36.1	47.6	47.4	17.1	17.1
Operatives	13.1	13.3	20.5	20.5	1.2	1.2
Nonfarm laborers	18.3	18.2	20.1	19.9	15.5	15.4
Nonfarm laborers	4.6	4.5	7.1	6.9	.5	.4
Service workers						
Private household workers	12.2	12.4	6.6	6.8	21.4	21.8
Other service workers	2.2	2.3	.1	.1	5.6	6.0
Other service workers	10.1	10.1	6.5	6.7	15.8	15.7
Farm workers						
Farmers and farm managers	3.8	4.2	5.1	5.6	1.6	2.0
Farm laborers and foremen	2.2	2.4	3.4	3.7	.2	.3
Farm laborers and foremen	1.6	1.8	1.7	1.9	1.4	1.7
White						
Total employed (thousands)	70,172	68,401	43,938	43,292	26,235	25,109
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers						
Professional and technical	50.6	50.0	42.9	42.4	63.3	63.1
Managers, officials, and proprietors	14.8	14.8	14.9	14.7	14.7	15.0
Clerical workers	11.2	11.1	15.1	14.7	4.7	4.8
Sales workers	17.8	17.4	6.8	7.0	36.1	35.3
Sales workers	6.7	6.7	6.1	6.0	7.8	7.9
Blue-collar workers						
Craftsmen and foremen	35.1	35.1	46.2	45.9	16.6	16.6
Operatives	13.6	13.9	21.0	21.2	1.2	1.2
Nonfarm laborers	17.6	17.5	19.2	19.0	14.9	15.0
Nonfarm laborers	3.9	3.8	6.0	5.7	.5	.4
Service workers						
Private household workers	10.5	10.5	5.8	6.0	18.3	18.3
Other service workers	1.4	1.4	.1	.1	3.7	3.8
Other service workers	9.1	9.1	5.8	5.9	14.7	14.5
Farm workers						
Farmers and farm managers	3.8	4.3	5.1	5.6	1.7	2.0
Farm laborers and foremen	2.4	2.6	3.6	4.0	.2	.3
Farm laborers and foremen	1.5	1.7	1.5	1.7	1.5	1.8
Negro and other races						
Total employed (thousands)	8,544	8,207	4,801	4,677	3,743	3,530
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers						
Professional and technical	27.0	24.8	20.3	19.7	35.5	31.5
Managers, officials, and proprietors	8.6	7.9	7.1	6.9	10.6	9.3
Clerical workers	3.0	2.8	4.0	3.7	1.7	1.6
Sales workers	13.1	12.1	7.4	7.2	20.5	18.5
Sales workers	2.2	1.9	1.7	1.8	2.9	2.1
Blue-collar workers						
Craftsmen and foremen	43.2	43.7	60.9	60.9	20.5	20.8
Operatives	9.0	8.8	15.5	14.6	.8	1.2
Nonfarm laborers	24.4	24.3	28.4	28.4	19.2	18.9
Nonfarm laborers	9.8	10.5	17.0	17.9	.5	.8
Service workers						
Private household workers	26.5	28.1	13.8	14.3	42.8	46.2
Other service workers	8.5	9.5	.3	.3	19.0	21.7
Other service workers	18.0	18.6	13.5	14.0	23.8	24.6
Farm workers						
Farmers and farm managers	3.4	3.5	5.0	5.1	1.2	1.4
Farm laborers and foremen .....	.9	.9	1.5	1.5	(1)	.1
Farm laborers and foremen	2.5	2.6	3.5	3.6	1.2	1.3

¹Percent less than 0.05

HOUSEHOLD DATA

A-20: Employed persons by class of worker, sex, and age
 November 1969
 (In thousands)

Age and sex	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
Total	69,608	1,898	12,489	55,221	5,282	504	1,040	1,782	500
16 to 19 years.....	5,568	375	507	4,686	73	29	175	11	125
16 and 17 years.....	2,250	301	150	1,798	35	11	97	6	86
18 and 19 years.....	3,318	74	356	2,888	38	18	78	5	39
20 to 24 years.....	9,068	88	1,549	7,431	188	23	119	48	31
25 to 34 years.....	14,801	158	2,595	1,2048	788	67	180	205	63
35 to 44 years.....	14,469	254	2,718	11,498	1,117	124	184	296	104
45 to 54 years.....	14,488	378	2,972	11,139	1,404	157	165	416	95
55 to 64 years.....	9,096	405	1,820	6,870	1,129	81	152	445	68
55 to 59 years.....	5,537	218	1,131	4,188	655	54	83	222	39
60 to 64 years.....	3,559	187	689	2,683	474	27	69	223	29
65 years and over.....	2,119	241	329	1,549	583	23	66	362	15
Male	41,974	191	6,757	35,026	3,996	47	858	1,713	151
16 to 19 years.....	2,861	55	218	2,588	39	22	155	10	109
16 and 17 years.....	1,203	46	80	1,077	27	10	83	6	76
18 and 19 years.....	1,658	9	137	1,511	12	12	72	5	33
20 to 24 years.....	4,740	4	653	4,084	101	8	102	45	18
25 to 34 years.....	9,861	10	1,465	8,387	583	2	142	196	6
35 to 44 years.....	9,066	8	1,582	7,476	883	4	137	293	7
45 to 54 years.....	8,613	29	1,650	6,935	1,102	4	127	397	4
55 to 64 years.....	5,543	36	994	4,513	863	2	137	429	4
55 to 59 years.....	3,340	16	620	2,704	488	--	72	214	3
60 to 64 years.....	2,203	20	373	1,809	375	1	65	215	1
65 years and over.....	1,289	50	196	1,043	425	6	58	342	3
Female	27,634	1,708	5,732	20,194	1,287	457	181	70	349
16 to 19 years.....	2,707	320	289	2,098	34	7	20	--	15
16 and 17 years.....	1,046	255	70	721	8	1	14	--	10
18 and 19 years.....	1,661	65	219	1,377	26	6	6	--	6
20 to 24 years.....	4,328	84	896	3,347	87	15	18	2	13
25 to 34 years.....	4,939	148	1,130	3,661	205	65	37	8	57
35 to 44 years.....	5,402	246	1,135	4,021	234	120	47	3	97
45 to 54 years.....	5,875	349	1,322	4,204	302	154	37	19	92
55 to 64 years.....	3,553	369	827	2,357	266	79	14	16	64
55 to 59 years.....	2,197	202	511	1,484	167	54	10	8	36
60 to 64 years.....	1,356	167	316	873	99	25	4	8	28
65 years and over.....	830	191	133	506	159	17	8	21	12

HOUSEHOLD DATA

A-21: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	Nov. 1969	Nov. 1968	Total		Wage and salary workers ¹			
			Nov. 1969	Nov. 1968	Paid absence ²		Unpaid absence ²	
					Nov. 1969	Nov. 1968	Nov. 1969	Nov. 1968
Total	2,914	2,730	2,795	2,584	1,111	1,030	1,364	1,238
Vacation	811	698	795	679	598	538	134	71
Illness	1,298	1,310	1,258	1,259	414	412	701	719
Bad weather	79	104	49	68	--	--	--	--
Industrial dispute	174	109	174	109	--	--	--	--
All other reasons	554	509	520	469	99	81	530	448
Male	1,919	1,692	1,806	1,556	796	720	798	656
Vacation	575	515	560	496	441	408	73	47
Illness	832	759	794	707	288	251	419	386
All other reasons	512	418	452	353	67	61	306	223
Female	995	1,039	989	1,028	315	310	567	582
Vacation	236	183	235	184	158	130	61	25
Illness	465	551	464	552	126	161	282	333
All other reasons	294	305	290	292	31	20	224	224

¹Excludes private household.

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

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

November 1969

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	75,802	72,599	3,203	100.0	100.0	100.0
1-34 hours	21,652	20,633	1,018	28.6	28.4	31.8
1-4 hours	740	699	40	1.0	1.0	1.2
5-14 hours	3,721	3,488	233	4.9	4.8	7.3
15-29 hours	8,736	8,175	561	11.5	11.3	17.5
30-34 hours	8,455	8,271	184	11.2	11.4	5.7
35 hours and over	54,150	51,965	2,184	71.4	71.6	68.2
35-39 hours	4,705	4,566	138	6.2	6.3	4.3
40 hours	27,647	27,302	345	36.5	37.6	10.8
41 hours and over	21,798	20,097	1,701	28.8	27.7	53.1
41 to 48 hours	9,041	8,765	276	11.9	12.1	8.6
49 to 59 hours	6,682	6,313	368	8.8	8.7	11.5
60 hours and over	6,075	5,019	1,057	8.0	6.9	33.0
Average hours, total at work	38.9	38.5	45.8	--	--	--
Average hours, workers on full-time schedules	43.0	42.5	55.1	--	--	--

HOUSEHOLD DATA

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

November 1969
(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total.....	21,652	9,977	11,675	20,633	9,630	11,003
Economic reasons	1,916	1,080	836	1,679	937	742
Slack work	1,056	758	298	882	630	252
Material shortages or repairs to plant and equipment	71	71	--	68	68	--
New job started during week.....	168	168	--	158	158	--
Job terminated during week.....	83	83	--	81	81	--
Could find only part-time work.....	538	--	538	490	--	490
Other reasons	19,736	8,897	10,839	18,953	8,692	10,261
Does not want, or unavailable for, full-time work	8,670	--	8,670	8,255	--	8,255
Vacation	459	459	--	450	450	--
Illness.....	1,628	1,378	250	1,547	1,350	197
Bad weather	473	473	--	373	373	--
Industrial dispute.....	33	33	--	33	33	--
Legal or religious holiday.....	5,451	5,451	--	5,435	5,435	--
Full time for this job.....	1,334	--	1,334	1,298	--	1,298
All other reasons	1,688	1,103	585	1,564	1,053	511
Average hours:						
Economic reasons.....	20.8	23.2	17.7	21.0	23.4	17.9
Other reasons	22.7	28.6	17.8	22.8	28.8	17.7
Worked 30 to 34 hours:						
Economic reasons.....	532	403	129	485	364	121
Other reasons	7,923	6,353	1,570	7,786	6,280	1,506

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

November 1969

Industry	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total ^{1/}	100.0	2.6	14.9	82.4	54.7	12.1	15.6	38.5	42.5
Wage and salary workers	100.0	2.2	13.9	83.8	58.1	12.2	13.5	38.1	41.9
Construction	100.0	5.0	4.4	90.6	67.5	11.2	11.9	38.1	40.0
Manufacturing	100.0	2.2	3.2	94.6	65.7	16.1	12.8	40.8	41.9
Durable goods	100.0	1.2	2.2	96.7	65.9	17.1	13.7	41.4	42.1
Nondurable goods.....	100.0	3.7	4.6	91.7	65.4	14.8	11.5	39.9	41.6
Transportation and public utilities	100.0	1.5	7.3	91.2	65.1	11.0	15.1	40.2	42.1
Wholesale and retail trade	100.0	2.1	25.7	72.1	41.9	13.6	16.6	37.0	44.0
Finance, insurance, and real estate	100.0	1.1	9.4	89.6	67.1	10.2	12.3	38.4	40.6
Service industries	100.0	2.5	25.0	72.5	50.5	8.9	13.1	35.3	42.3
Private households	100.0	9.6	55.3	35.1	23.5	6.0	5.6	23.9	43.3
All other service	100.0	1.6	21.4	77.0	53.7	9.3	14.0	36.6	42.2
Public administration	100.0	.7	6.0	93.3	76.4	7.0	9.9	36.9	38.3
Self-employed workers	100.0	3.4	14.5	82.0	29.0	10.5	42.5	44.9	51.0
Unpaid family workers	100.0	1.6	39.1	59.3	27.2	7.1	25.0	38.3	49.1

^{1/}Mining not shown separately but included in totals.

HOUSEHOLD DATA

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

November 1969

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
(In thousands)								
TOTAL								
Total, 16 years and over.....	72,599	1,679	10,261	60,659	40,562	20,097	38.5	42.5
16 to 21 years.....	8,907	307	3,763	4,837	3,749	1,088	28.9	40.2
16 to 19 years.....	5,544	218	3,055	2,271	1,809	462	25.3	39.7
16 and 17 years.....	2,237	65	1,900	272	224	48	17.1	37.8
18 and 19 years.....	3,308	152	1,155	2,001	1,586	415	30.9	40.0
20 years and over.....	67,055	1,461	7,206	58,388	38,753	19,635	39.6	42.7
20 to 24 years.....	9,012	207	1,296	7,509	5,421	2,088	37.2	41.2
25 years and over.....	58,044	1,254	5,909	50,881	33,334	17,547	40.0	42.8
25 to 44 years.....	30,355	625	2,627	27,103	17,346	9,757	40.7	43.1
45 to 64 years.....	25,163	541	2,291	22,331	15,056	7,275	40.0	42.5
65 years and over.....	2,526	87	991	1,448	933	515	32.0	43.5
Males, 16 years and over								
16 to 21 years.....	4,372	138	1,966	2,268	1,542	726	29.5	41.8
16 to 19 years.....	2,840	104	1,622	1,114	812	302	25.9	40.7
16 and 17 years.....	1,203	35	1,012	156	123	33	18.4	38.5
18 and 19 years.....	1,636	69	610	957	689	268	31.3	41.0
20 years and over.....	41,371	689	1,752	38,930	23,074	15,856	42.6	44.1
20 to 24 years.....	4,720	99	621	4,000	2,456	1,544	39.1	43.1
25 years and over.....	36,651	590	1,131	34,930	20,620	14,310	43.0	44.2
25 to 44 years.....	19,721	303	274	19,144	10,882	8,262	44.0	44.7
45 to 64 years.....	15,348	238	305	14,805	9,123	5,682	42.8	43.6
65 years and over.....	1,581	49	551	981	613	368	33.5	43.7
Females, 16 years and over								
16 to 21 years.....	4,535	169	1,797	2,569	1,675	360	28.4	38.9
16 to 19 years.....	2,705	114	1,433	1,158	997	161	24.7	38.8
16 and 17 years.....	1,033	29	888	116	101	15	15.5	36.8
18 and 19 years.....	1,671	84	545	1,042	895	147	30.4	39.1
20 years and over.....	25,684	772	5,454	19,458	15,680	3,778	34.8	39.8
20 to 24 years.....	4,291	109	676	3,506	2,962	544	35.1	39.0
25 years and over.....	21,393	663	4,779	15,951	12,715	3,236	34.8	40.0
25 to 44 years.....	10,633	322	2,353	7,958	6,462	1,496	34.6	39.6
45 to 64 years.....	9,815	305	1,986	7,524	5,931	1,593	35.6	40.2
65 years and over.....	945	38	441	466	319	147	29.4	43.0
COLOR								
White.....	64,753	1,322	9,245	54,186	35,476	18,710	38.7	42.8
Male.....	39,883	631	3,094	36,158	21,000	15,158	41.8	44.3
Female.....	24,870	692	6,151	18,027	14,474	3,553	33.8	39.8
Negro and other races.....	7,846	357	1,016	6,473	5,085	1,388	36.8	40.6
Male.....	4,327	163	279	3,885	2,885	1,000	39.0	41.4
Female.....	3,519	194	737	2,588	2,200	388	34.1	39.4
MARITAL STATUS								
Male:								
Married, wife present.....	34,803	500	1,024	33,279	19,218	14,061	43.3	44.4
Widowed, divorced, or separated.....	2,272	82	143	2,047	1,321	726	40.9	43.3
Single (never married).....	7,135	211	2,206	4,718	3,348	1,370	33.2	41.6
Female:								
Married, husband present.....	16,745	529	4,109	12,107	9,831	2,276	34.0	39.6
Widowed, divorced, or separated.....	5,303	199	899	4,205	3,269	936	36.1	40.4
Single (never married).....	6,341	158	1,880	4,303	3,575	728	31.5	39.3

HOUSEHOLD DATA

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

November 1969

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
TOTAL						
Total, 16 years and over.....	100.0	2.3	14.1	83.6	55.9	27.7
16 to 21 years.....	100.0	3.4	42.2	54.3	42.1	12.2
16 to 19 years.....	100.0	3.9	55.1	40.9	32.6	8.3
16 and 17 years.....	100.0	2.9	84.9	12.1	10.0	2.1
18 and 19 years.....	100.0	4.6	34.9	60.4	47.9	12.5
20 years and over.....	100.0	2.2	10.7	87.1	57.8	29.3
20 to 24 years.....	100.0	2.3	14.4	83.4	60.2	23.2
25 years and over.....	100.0	2.2	10.2	87.6	57.4	30.2
25 to 44 years.....	100.0	2.1	8.7	89.2	57.1	32.1
45 to 64 years.....	100.0	2.1	9.1	88.7	59.8	28.9
65 years and over.....	100.0	3.4	39.2	57.3	36.9	20.4
Males, 16 years and over.....	100.0	1.8	7.6	90.5	54.0	36.5
16 to 21 years.....	100.0	3.2	45.0	51.9	35.3	16.6
16 and 19 years.....	100.0	3.7	57.1	39.2	28.6	10.6
16 and 17 years.....	100.0	2.9	84.1	12.9	10.2	2.7
18 and 19 years.....	100.0	4.2	37.3	58.5	42.1	16.4
20 years and over.....	100.0	1.7	4.2	94.1	55.8	38.3
20 to 24 years.....	100.0	2.1	13.2	84.7	52.0	32.7
25 years and over.....	100.0	1.6	3.1	95.3	56.3	39.0
25 to 44 years.....	100.0	1.5	1.4	97.1	55.2	41.9
45 to 64 years.....	100.0	1.6	2.0	96.4	59.4	37.0
65 years and over.....	100.0	3.1	34.9	62.1	38.8	23.3
Females, 16 years and over.....	100.0	3.1	24.3	72.6	58.7	13.9
16 to 21 years.....	100.0	3.7	39.6	56.6	48.7	7.9
16 to 19 years.....	100.0	4.2	53.0	42.9	36.9	6.0
16 and 17 years.....	100.0	2.8	86.0	11.3	9.8	1.5
18 and 19 years.....	100.0	5.0	32.6	62.4	53.6	8.8
20 years and over.....	100.0	3.0	21.2	75.7	61.0	14.7
20 to 24 years.....	100.0	2.5	15.8	81.7	69.0	12.7
25 years and over.....	100.0	3.1	22.3	74.5	59.4	15.1
25 to 44 years.....	100.0	3.0	22.1	74.9	60.8	14.1
45 to 64 years.....	100.0	3.1	20.2	76.6	60.4	16.2
65 years and over.....	100.0	4.0	46.7	49.4	33.8	15.6
COLOR						
White.....	100.0	2.0	14.3	83.7	54.8	28.9
Male.....	100.0	1.6	7.8	90.7	52.7	38.0
Female.....	100.0	2.8	24.7	72.5	58.2	14.3
Negro and other races.....	100.0	4.6	12.9	82.5	64.8	17.7
Male.....	100.0	3.8	6.4	89.8	66.7	23.1
Female.....	100.0	5.5	20.9	73.5	62.5	11.0
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	1.4	2.9	95.6	55.2	40.4
Widowed, divorced, or separated.....	100.0	3.6	6.3	90.1	58.1	32.0
Single (never married).....	100.0	3.0	30.9	66.1	46.9	19.2
Female:						
Married, husband present.....	100.0	3.2	24.5	72.3	58.7	13.6
Widowed, divorced, or separated.....	100.0	3.8	17.0	79.3	61.6	17.7
Single (never married).....	100.0	2.5	29.6	67.9	56.4	11.5

HOUSEHOLD DATA

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

November 1969

Occupation group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
				(Thousands of persons)					
TOTAL									
White-collar workers	36,658	415	5,282	30,961	20,193	3,903	6,865	39.1	43.0
Professional and technical	10,853	79	1,336	9,438	6,011	1,247	2,180	39.5	43.0
Managers, officials, and proprietors	7,834	84	297	7,453	3,181	1,091	3,181	47.0	48.4
Clerical workers	13,215	157	2,329	10,729	9,061	1,067	601	35.1	38.9
Sales workers	4,756	96	1,319	3,341	1,939	498	904	36.5	44.2
Blue-collar workers	27,007	935	1,906	24,166	16,481	4,013	3,672	39.6	41.9
Craftsmen and foremen	9,823	209	324	9,290	6,089	1,624	1,577	40.9	42.1
Operatives	13,744	523	956	12,265	8,413	2,015	1,837	39.8	42.2
Nonfarm laborers	3,440	202	625	2,613	1,981	374	258	34.7	40.2
Service workers	9,269	347	3,144	5,778	4,023	877	878	33.1	42.8
Private household	1,668	154	942	572	385	100	87	24.0	43.3
Other service workers	7,601	193	2,202	5,206	3,636	778	792	35.1	42.8
MALE									
White-collar workers	19,249	154	1,286	17,809	9,393	2,692	5,724	43.5	45.6
Professional and technical	6,713	31	457	6,225	3,659	863	1,703	42.3	44.3
Managers, officials, and proprietors	6,589	71	144	6,374	2,520	967	2,887	48.0	49.0
Clerical workers	3,255	20	339	2,896	2,090	464	342	38.3	40.9
Sales workers	2,692	32	346	2,314	1,122	399	793	41.9	45.9
Blue-collar workers	22,107	606	1,442	20,059	13,122	3,444	3,493	40.3	42.5
Craftsmen and foremen	9,487	202	282	9,003	5,856	1,587	1,560	41.1	42.2
Operatives	9,319	212	569	8,538	5,356	1,498	1,684	41.5	43.4
Nonfarm laborers	3,301	192	591	2,518	1,910	359	249	34.8	40.2
Service workers	3,081	44	671	2,366	1,472	394	500	38.1	44.7
Private household	41	1	21	19	10	4	5	30.0	49.9
Other service workers	3,041	43	650	2,348	1,462	390	496	38.2	44.6
FEMALE									
White-collar workers	17,409	261	3,996	13,152	10,801	1,210	1,141	34.3	39.4
Professional and technical	4,140	47	880	3,213	2,351	384	478	35.0	40.3
Managers, officials, and proprietors	1,245	13	153	1,079	661	124	294	41.8	45.0
Clerical workers	9,960	137	1,990	7,833	6,971	603	259	34.0	38.1
Sales workers	2,065	63	973	1,029	819	99	111	29.4	40.2
Blue-collar workers	4,900	329	463	4,108	3,359	569	180	36.4	39.3
Craftsmen and foremen	336	7	42	287	233	37	17	37.0	38.9
Operatives	4,425	311	387	3,727	3,057	517	153	36.4	39.3
Nonfarm laborers	139	11	34	94	69	15	10	32.4	40.5
Service workers	6,188	303	2,473	3,412	2,551	483	378	30.7	41.6
Private household	1,627	153	920	554	376	96	82	23.9	43.1
Other service workers	4,560	150	1,552	2,858	2,175	387	296	33.1	41.3

HOUSEHOLD DATA

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

November 1969

Occupation group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
(Percent distribution)							
TOTAL							
White-collar workers	100.0	1.1	14.4	84.4	55.1	10.6	18.7
Professional and technical	100.0	.7	12.3	84.0	55.4	11.5	20.1
Managers, officials, and proprietors	100.0	1.1	3.8	95.1	40.6	13.9	40.6
Clerical workers	100.0	1.2	17.6	81.2	68.6	8.1	4.5
Sales workers	100.0	2.0	27.7	70.3	40.8	10.5	19.0
Blue-collar workers	100.0	3.5	7.1	89.5	61.0	14.9	13.6
Craftsmen and foremen	100.0	2.1	3.3	94.6	62.0	16.5	16.1
Operatives	100.0	3.8	7.0	89.3	61.2	14.7	13.4
Nonfarm laborers	100.0	5.9	18.2	76.0	57.6	10.9	7.5
Service workers	100.0	3.7	33.9	62.4	43.4	9.5	9.5
Private household	100.0	9.2	56.5	34.3	23.1	6.0	5.2
Other service workers	100.0	2.5	29.0	68.4	47.8	10.2	10.4
MALE							
White-collar workers	100.0	.8	6.7	92.5	48.8	14.0	29.7
Professional and technical	100.0	.5	6.8	92.8	54.5	12.9	25.4
Managers, officials, and proprietors	100.0	1.1	2.2	96.7	38.2	14.7	43.8
Clerical workers	100.0	.6	10.4	89.0	64.2	14.3	10.5
Sales workers	100.0	1.2	12.9	89.0	41.7	14.8	29.5
Blue-collar workers	100.0	2.7	6.5	90.8	59.4	15.6	15.8
Craftsmen and foremen	100.0	2.1	3.0	94.8	61.7	16.7	16.4
Operatives	100.0	2.3	6.1	91.7	57.5	16.1	18.1
Nonfarm laborers	100.0	5.8	17.9	76.3	57.9	10.9	7.5
Service workers	100.0	1.4	21.8	76.8	47.8	12.8	16.2
Private household	100.0	2.4	51.2	46.4	24.4	9.8	12.2
Other service workers	100.0	1.4	21.4	77.2	48.1	12.8	16.3
FEMALE							
White-collar workers	100.0	1.5	23.0	75.6	62.0	7.0	6.6
Professional and technical	100.0	1.1	21.3	77.6	56.8	9.3	11.5
Managers, officials, and proprietors	100.0	1.0	12.3	86.7	53.1	10.0	23.6
Clerical workers	100.0	1.4	20.0	78.7	70.0	6.1	2.6
Sales workers	100.0	3.1	47.1	49.9	39.7	4.8	5.4
Blue-collar workers	100.0	6.7	9.4	83.9	68.6	11.6	3.7
Craftsmen and foremen	100.0	2.1	12.5	85.4	69.3	11.0	5.1
Operatives	100.0	7.0	8.7	84.3	69.1	11.7	3.5
Nonfarm laborers	100.0	7.9	24.5	67.6	49.6	10.8	7.2
Service workers	100.0	4.9	40.0	55.1	41.2	7.8	6.1
Private household	100.0	9.4	56.5	34.0	23.1	5.9	5.0
Other service workers	100.0	3.3	34.0	62.7	47.7	8.5	6.5

HOUSEHOLD DATA

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

November 1969

(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population.....	7,898	4,003	3,895	6,790	3,452	3,337	1,108	550	558
Civilian labor force.....	1,190	662	528	1,101	609	493	89	53	35
Employed.....	1,072	592	480	1,007	553	454	65	39	26
Agriculture.....	123	102	20	119	102	17	3	--	3
Nonagricultural industries.....	949	490	460	888	451	437	62	39	23
Unemployed.....	118	70	48	94	56	39	24	14	9
Not in labor force.....	6,708	3,341	3,367	5,689	2,844	2,845	1,020	497	523
Keeping house.....	56	12	45	52	12	40	4	--	4
Going to school.....	6,566	3,277	3,289	5,565	2,791	2,774	1,001	486	515
Unable to work.....	8	4	4	8	4	3	1	--	1
All other reasons.....	78	48	30	63	36	27	15	12	3

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

November 1969

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,072	592	480	100.0	100.0	100.0
Nonagricultural industries.....	949	490	460	88.5	82.6	95.8
Wage and salary workers.....	870	415	455	81.2	70.0	94.8
Private household workers.....	411	71	340	38.3	12.0	70.8
Government workers.....	43	21	22	4.0	3.5	4.6
Other wage and salary workers.....	416	323	93	38.8	54.5	19.4
Self-employed workers.....	77	73	5	7.2	12.3	1.0
Unpaid family workers.....	2	2	--	.2	.3	--
Agriculture.....	123	102	20	11.5	17.4	4.2
Wage and salary workers.....	45	40	5	4.2	6.7	1.0
Self-employed workers.....	5	3	2	.5	.5	.4
Unpaid family workers.....	73	60	13	6.8	10.1	2.7
OCCUPATION						
Total.....	1,072	592	480	100.0	100.0	100.0
White-collar workers.....	244	201	43	22.7	34.0	9.0
Professional and technical.....	13	8	4	1.2	1.4	.8
Managers, officials, and proprietors.....	1	1	--	.1	.2	--
Clerical workers.....	37	15	22	3.4	2.5	4.6
Sales workers.....	193	177	17	18.0	29.9	3.5
Blue-collar workers.....	207	186	21	19.4	31.5	4.4
Craftsmen and foremen.....	3	3	--	.3	.5	--
Operatives.....	73	61	11	6.8	10.3	2.3
Nonfarm laborers.....	132	122	10	12.3	20.6	2.1
Service workers.....	506	109	397	47.2	18.4	82.7
Private household workers.....	356	17	339	33.2	2.9	70.6
Other service workers.....	150	92	58	14.0	15.6	12.1
Farm workers.....	115	95	20	10.7	16.1	4.0
Farmers and farm managers.....	5	3	1	.5	.5	.2
Farm laborers and foremen.....	110	92	18	10.3	15.6	3.7

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Employment status, sex, and age	1969											1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
Total													
Total labor force	84,788	85,014	84,902	84,584	84,277	83,957	83,593	83,966	83,999	83,831	83,351	82,868	82,559
Civilian labor force	81,295	81,486	81,359	81,054	80,756	80,433	80,071	80,450	80,495	80,356	79,874	79,368	79,042
Employed	78,497	78,325	78,127	78,187	77,874	77,671	77,265	77,605	77,767	77,729	77,229	76,765	76,388
Agriculture	3,429	3,332	3,458	3,634	3,551	3,705	3,805	3,664	3,732	3,881	3,752	3,842	3,706
Nonagricultural industries	75,068	74,993	74,669	74,553	74,323	73,966	73,460	73,941	74,035	73,848	73,477	72,923	72,682
On part time for economic reasons	1,827	1,931	1,982	2,001	1,795	1,874	1,688	1,670	1,801	1,638	1,605	1,673	1,711
Usually work full time	981	1,012	1,091	1,065	881	1,030	862	858	979	870	805	872	852
Usually work part time	846	919	891	936	914	844	826	812	822	768	800	801	859
Unemployed	2,798	3,161	3,232	2,867	2,882	2,762	2,806	2,845	2,728	2,627	2,645	2,603	2,654
Men, 20 years and over													
Total labor force	49,502	49,595	49,624	49,552	49,389	49,304	49,267	49,286	49,378	49,336	49,189	49,132	48,926
Civilian labor force	46,489	46,552	46,568	46,507	46,322	46,206	46,171	46,195	46,297	46,280	46,131	46,093	45,871
Employed	45,487	45,424	45,442	45,551	45,293	45,260	45,227	45,285	45,422	45,422	45,231	45,254	44,940
Agriculture	2,479	2,531	2,570	2,693	2,646	2,676	2,731	2,681	2,706	2,732	2,680	2,763	2,753
Nonagricultural industries	43,008	42,893	42,872	42,858	42,647	42,584	42,496	42,604	42,716	42,690	42,551	42,491	42,187
Unemployed	1,002	1,128	1,126	956	1,029	946	944	910	875	858	900	839	931
Women, 20 years and over													
Civilian labor force	27,660	27,817	27,686	27,677	27,511	27,262	27,049	27,205	27,189	27,230	26,950	26,737	26,630
Employed	26,695	26,711	26,519	26,622	26,505	26,251	26,046	26,169	26,228	26,264	25,999	25,802	25,702
Agriculture	562	514	511	578	540	617	627	609	638	631	691	722	621
Nonagricultural industries	26,133	26,197	26,008	26,044	25,965	25,634	25,419	25,560	25,590	25,533	25,308	25,080	25,081
Unemployed	965	1,106	1,167	1,055	1,006	1,011	1,003	1,036	961	966	951	935	928
Both sexes, 16-19 years													
Civilian labor force	7,146	7,117	7,105	6,870	6,923	6,965	6,851	7,050	7,009	6,846	6,793	6,538	6,541
Employed	6,315	6,190	6,166	6,014	6,076	6,160	5,992	6,151	6,117	6,043	5,999	5,709	5,746
Agriculture	388	287	377	363	365	412	447	374	388	418	381	357	332
Nonagricultural industries	5,927	5,903	5,789	5,651	5,711	5,748	5,545	5,777	5,729	5,625	5,618	5,352	5,414
Unemployed	831	927	939	856	847	805	859	899	892	803	794	829	795

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

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

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1969											1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
Full time													
Total, 16 years and over:													
Civilian labor force	70,161	70,153	70,271	70,108	69,818	69,434	69,177	69,389	69,332	69,427	67,918	68,809	68,556
Employed	68,022	67,896	67,914	67,948	67,653	67,269	67,042	67,167	67,287	67,390	65,860	66,902	66,548
Unemployed	2,139	2,257	2,357	2,160	2,165	2,165	2,136	2,222	2,045	2,037	2,058	1,907	2,008
Unemployment rate	3.0	3.2	3.4	3.1	3.1	3.1	3.1	3.2	2.9	2.9	3.0	2.8	2.9
Men, 20 years and over:													
Civilian labor force	44,367	44,415	44,470	44,306	44,201	44,129	44,090	44,093	44,166	44,218	43,177	44,064	43,870
Employed	43,452	43,426	43,481	43,472	43,303	43,255	43,246	43,251	43,376	43,465	42,367	43,319	43,030
Unemployed	915	989	989	834	898	874	844	842	790	753	810	745	840
Unemployment rate	2.1	2.2	2.2	1.9	2.0	2.0	1.9	1.9	1.8	1.7	1.9	1.7	1.9
Women, 20 years and over:													
Civilian labor force	21,954	21,911	21,852	21,992	21,781	21,558	21,489	21,562	21,527	21,523	21,139	21,201	21,126
Employed	21,197	21,104	20,992	21,125	20,984	20,722	20,681	20,710	20,726	20,735	20,423	20,460	20,378
Unemployed	757	807	860	867	797	836	808	852	801	788	716	741	748
Unemployment rate	3.4	3.7	3.9	3.9	3.7	3.9	3.8	4.0	3.7	3.7	3.4	3.5	3.5
Part time													
Total, 16 years and over:													
Civilian labor force	11,206	11,285	11,066	10,978	10,885	10,914	10,764	10,984	10,994	10,815	11,075	10,681	10,566
Employed	10,517	10,507	10,296	10,236	10,185	10,342	10,078	10,232	10,322	10,187	10,403	9,953	9,895
Unemployed	689	778	770	742	700	572	686	661	672	628	672	728	671
Unemployment rate	6.1	6.9	7.0	6.8	6.4	5.2	6.4	6.0	6.1	5.8	6.1	6.8	6.4

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

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-31: Employment status by color, sex, and age, seasonally adjusted
(In thousands)

Characteristics	1969											1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
White													
Total:													
Civilian labor force	72,368	72,368	72,288	71,837	71,657	71,437	71,137	71,589	71,688	71,475	71,101	70,669	70,444
Employed	70,108	69,848	69,690	69,548	69,350	69,275	68,915	69,366	69,494	69,376	68,984	68,584	68,332
Unemployed	2,260	2,520	2,598	2,289	2,307	2,162	2,222	2,223	2,194	2,099	2,117	2,088	2,112
Unemployment rate	3.1	3.5	3.6	3.2	3.2	3.0	3.1	3.1	3.1	2.9	3.0	3.0	3.0
Males, 20 years and over:													
Civilian labor force	41,920	41,925	41,972	41,876	41,704	41,614	41,547	41,674	41,765	41,749	41,601	41,618	41,384
Employed	41,089	40,981	41,044	41,093	40,850	40,835	40,759	40,938	41,029	41,038	40,878	40,943	40,616
Unemployed	831	944	928	783	854	779	788	736	736	711	723	675	768
Unemployment rate	2.0	2.3	2.2	1.9	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.9
Females, 20 years and over:													
Civilian labor force	24,110	24,150	24,003	23,953	23,866	23,686	23,530	23,656	23,681	23,656	23,466	23,208	23,230
Employed	23,314	23,285	23,093	23,112	23,084	22,885	22,750	22,877	22,936	22,879	22,683	22,476	22,480
Unemployed	796	865	910	841	782	801	780	779	745	777	783	732	750
Unemployment rate	3.3	3.6	3.8	3.5	3.3	3.4	3.3	3.3	3.1	3.3	3.3	3.2	3.2
Both sexes, 16 to 19 years:													
Civilian labor force	6,338	6,293	6,313	6,008	6,087	6,137	6,060	6,259	6,242	6,070	6,034	5,843	5,830
Employed	5,705	5,582	5,553	5,343	5,416	5,555	5,406	5,551	5,529	5,459	5,423	5,162	5,236
Unemployed	633	711	760	665	671	582	654	708	713	611	611	681	594
Unemployment rate	10.0	11.3	12.0	11.1	11.0	9.5	10.8	11.3	11.4	10.1	10.1	11.7	10.2
Negro and other races													
Total:													
Civilian labor force	9,015	8,957	8,910	9,114	8,928	8,879	8,790	8,892	8,952	8,946	8,942	8,855	8,689
Employed	8,453	8,340	8,300	8,520	8,353	8,255	8,221	8,276	8,416	8,435	8,402	8,323	8,120
Unemployed	562	617	609	594	575	624	569	616	536	511	540	532	569
Unemployment rate	6.2	6.9	6.8	6.5	6.4	7.0	6.5	6.9	6.0	5.7	6.0	6.0	6.5
Males, 20 years and over:													
Civilian labor force	4,597	4,585	4,594	4,626	4,574	4,567	4,551	4,516	4,566	4,563	4,559	4,544	4,509
Employed	4,421	4,394	4,401	4,456	4,402	4,384	4,395	4,347	4,422	4,417	4,384	4,387	4,341
Unemployed	176	191	193	170	172	183	156	169	144	146	175	157	168
Unemployment rate	3.8	4.2	4.2	3.7	3.8	4.0	3.4	3.7	3.2	3.2	3.8	3.5	3.7
Females, 20 years and over:													
Civilian labor force	3,596	3,568	3,562	3,658	3,555	3,526	3,469	3,579	3,559	3,583	3,561	3,534	3,445
Employed	3,402	3,360	3,326	3,422	3,330	3,310	3,270	3,320	3,346	3,394	3,384	3,330	3,242
Unemployed	194	208	236	236	225	216	199	259	213	189	177	204	203
Unemployment rate	5.4	5.8	6.6	6.5	6.3	6.1	5.7	7.2	6.0	5.3	5.0	5.8	5.9
Both sexes, 16 to 19 years:													
Civilian labor force	822	804	754	830	799	786	770	797	827	800	822	777	735
Employed	630	586	573	642	621	561	556	609	648	624	634	606	537
Unemployed	192	218	180	188	178	225	214	188	179	176	188	171	198
Unemployment rate	23.4	27.1	23.9	22.7	22.3	28.6	27.8	23.6	21.6	22.0	22.9	22.0	26.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-32: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1969											1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
Total (all civilian workers).....	3.4	3.9	4.0	3.5	3.6	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4
Men, 20 years and over.....	2.2	2.4	2.4	2.1	2.2	2.0	2.0	2.0	1.9	1.9	2.0	1.8	2.0
Women, 20 years and over.....	3.5	4.0	4.2	3.8	3.7	3.7	3.7	3.8	3.5	3.5	3.5	3.5	3.5
Both sexes, 16-19 years.....	11.6	13.0	13.2	12.5	12.2	11.6	12.5	12.8	12.7	11.7	11.7	12.7	12.2
White.....	3.1	3.5	3.6	3.2	3.2	3.0	3.1	3.1	3.1	2.9	3.0	3.0	3.0
Negro and other races.....	6.2	6.9	6.8	6.5	6.4	7.0	6.5	6.9	6.0	5.7	6.0	6.0	6.5
Married men.....	1.5	1.7	1.7	1.5	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.6
Full-time workers.....	3.0	3.2	3.4	3.1	3.1	3.1	3.1	3.2	2.9	2.8	2.9	2.7	3.0
Part-time workers.....	6.1	6.9	7.0	6.8	6.4	5.2	6.4	6.0	6.1	5.8	6.1	6.8	6.4
Unemployed 15 weeks and over ¹.....	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4
State insured ²	2.4	2.2	2.2	2.1	2.2	2.1	2.0	2.1	2.1	2.2	2.1	2.0	2.2
Labor force time lost ³	4.0	4.4	4.4	4.1	4.1	3.9	3.5	3.7	3.7	3.6	3.6	3.6	3.8
Occupation													
White-collar workers.....	2.1	2.4	2.2	2.2	2.2	2.1	1.9	1.8	2.0	1.9	1.9	1.9	2.0
Professional and technical.....	1.2	1.7	1.5	1.3	1.5	1.3	1.4	1.1	1.2	1.1	.9	1.1	1.1
Managers, officials, and proprietors.....	1.0	.9	1.1	1.0	.8	1.0	.9	.8	.9	.9	1.1	.9	1.0
Clerical workers.....	3.5	3.3	3.3	3.3	3.2	3.0	2.8	2.4	3.1	2.7	3.0	2.7	3.1
Sales workers.....	2.2	3.6	2.8	2.9	3.3	2.9	2.6	3.3	2.9	3.3	2.6	2.9	2.5
Blue-collar workers.....	4.2	4.3	4.4	3.8	3.8	3.7	3.8	4.1	3.7	3.6	3.8	3.6	3.9
Craftsmen and foremen.....	2.2	2.4	2.6	2.2	1.9	1.9	2.4	2.2	2.2	2.1	2.1	1.9	2.3
Operatives.....	4.9	5.0	4.8	4.1	4.2	4.3	4.0	4.6	3.9	4.2	4.2	4.2	4.3
Nonfarm laborers.....	7.0	6.8	7.7	6.9	7.5	5.9	6.4	6.8	7.0	5.5	6.6	6.1	6.8
Service workers.....	3.9	4.4	4.9	4.5	4.3	4.5	4.2	4.5	3.8	3.8	4.2	4.2	4.2
Farm workers.....	1.5	1.8	2.0	2.0	2.9	2.0	1.7	1.9	2.1	1.1	1.5	1.7	1.3
Industry													
Private wage and salary workers ⁴	3.6	3.8	4.0	3.6	3.6	3.5	3.5	3.6	3.4	3.3	3.4	3.3	3.4
Construction.....	5.6	7.3	7.6	7.4	5.7	5.0	5.5	6.2	6.2	5.5	5.5	5.4	6.5
Manufacturing.....	3.8	3.7	3.7	2.9	3.2	3.3	3.1	3.2	3.1	2.9	3.2	2.8	3.2
Durable goods.....	3.7	3.3	3.3	2.3	3.2	3.3	2.9	3.0	2.7	2.4	2.7	2.6	3.1
Nondurable goods.....	3.8	4.2	4.4	3.8	3.2	3.3	3.4	3.4	3.7	3.6	3.9	3.3	3.3
Transportation and public utilities.....	2.4	2.8	2.0	2.0	1.9	1.9	2.8	2.3	2.4	1.8	1.8	1.6	2.1
Wholesale and retail trade.....	3.9	4.3	4.7	4.4	4.1	4.2	3.9	4.2	3.8	3.9	3.8	4.1	3.9
Finance and service industries.....	3.1	3.2	3.5	3.5	3.7	3.2	3.4	3.3	2.9	3.1	3.1	3.2	3.0
Government wage and salary workers.....	2.1	2.5	1.9	1.9	1.9	1.8	1.7	1.6	1.6	1.7	1.8	1.7	1.8
Agricultural wage and salary workers.....	5.0	6.6	7.4	7.0	9.1	5.5	4.9	5.7	5.9	4.1	5.8	5.7	4.5

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

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

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Duration of unemployment	1969												1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	
Less than 5 weeks	1,564	1,857	1,818	1,636	1,677	1,591	1,777	1,724	1,646	1,436	1,476	1,363	1,576	
5 to 14 weeks	910	948	1,000	861	830	813	629	737	757	829	741	825	785	
15 weeks and over	384	370	389	382	419	383	409	393	355	346	316	322	348	
15 to 26 weeks	244	240	233	244	244	258	278	254	237	237	193	177	221	
27 weeks and over	140	130	156	138	175	125	131	139	118	109	123	145	127	

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

Age and sex	1969												1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	
Total, 16 years and over	3.4	3.9	4.0	3.5	3.6	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	
16 to 19 years	11.6	13.0	13.2	12.5	12.2	11.6	12.5	12.8	12.7	11.7	11.7	12.7	12.2	
16 and 17 years	14.2	16.8	16.7	16.1	14.7	13.4	13.8	14.5	14.0	13.1	13.5	15.0	13.7	
18 and 19 years	9.0	10.6	10.8	9.9	10.4	10.0	11.8	11.5	11.6	11.1	10.5	10.9	10.5	
20 to 24 years	5.9	6.5	6.7	5.4	5.9	5.3	5.4	5.7	5.3	5.5	5.2	5.3	5.9	
25 years and over	2.2	2.4	2.5	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.1	
25 to 54 years	2.4	2.4	2.5	2.4	2.3	2.3	2.3	2.3	2.2	2.0	2.2	2.0	2.2	
55 years and over	2.0	2.4	2.3	2.0	2.1	2.0	1.7	2.0	1.9	2.0	1.9	2.1	2.1	
Males, 16 years and over	2.9	3.2	3.2	2.7	3.0	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.7	
16 to 19 years	11.5	12.2	12.1	11.1	12.0	10.4	11.0	11.4	11.5	11.0	11.8	11.6	11.3	
16 and 17 years	14.0	15.1	15.0	15.7	14.7	12.7	13.9	12.6	12.9	12.5	13.2	14.2	13.7	
18 and 19 years	8.6	10.0	9.6	7.6	10.0	8.3	8.8	10.4	10.2	9.5	10.6	9.5	8.6	
20 to 24 years	5.3	6.5	6.3	4.5	5.5	4.8	4.8	4.7	4.5	4.9	5.0	4.2	4.7	
25 years and over	1.8	1.9	1.9	1.7	1.8	1.6	1.7	1.6	1.6	1.5	1.6	1.5	1.7	
25 to 54 years	1.8	1.8	1.8	1.7	1.7	1.6	1.8	1.6	1.5	1.4	1.5	1.4	1.7	
55 years and over	2.0	2.2	2.0	2.0	2.0	1.8	1.6	1.7	1.8	1.7	1.9	1.9	2.0	
Females, 16 years and over	4.3	5.0	5.3	4.9	4.6	4.7	4.8	4.9	4.6	4.5	4.3	4.5	4.4	
16 to 19 years	11.8	14.0	14.6	14.1	12.5	12.9	14.5	14.5	14.3	12.7	11.6	14.1	13.3	
16 and 17 years	14.5	19.0	19.2	16.7	14.8	14.3	13.5	16.9	15.6	13.9	14.0	16.2	13.7	
18 and 19 years	9.5	11.2	12.1	12.3	10.8	11.9	15.2	12.7	13.3	13.0	10.4	12.6	12.8	
20 to 24 years	6.6	6.5	7.1	6.4	6.3	5.9	6.1	6.8	6.3	6.1	5.5	6.5	7.2	
25 years and over	3.0	3.4	3.5	3.3	3.2	3.3	3.1	3.2	3.0	3.1	3.2	2.9	2.9	
25 to 54 years	3.4	3.6	3.7	3.6	3.5	3.6	3.4	3.6	3.3	3.2	3.4	3.1	3.1	
55 years and over	2.0	2.6	2.7	2.1	2.3	2.3	1.8	2.4	1.9	2.5	1.9	2.4	2.5	

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	1969											1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
Total													
16 years and over	78,497	78,325	78,127	78,187	77,874	77,671	77,265	77,605	77,767	77,729	77,229	76,765	76,388
16 to 19 years	6,315	6,190	6,166	6,014	6,076	6,160	5,992	6,151	6,117	6,043	5,999	5,709	5,746
16 and 17 years	2,687	2,612	2,601	2,457	2,509	2,548	2,512	2,652	2,660	2,570	2,524	2,394	2,373
18 and 19 years	3,642	3,568	3,566	3,526	3,509	3,594	3,443	3,518	3,533	3,492	3,527	3,364	3,387
20 to 24 years	9,496	9,430	9,408	9,493	9,365	9,384	9,176	9,237	9,222	9,165	9,026	8,955	8,914
25 years and over	62,741	62,713	62,538	62,671	62,387	62,096	62,101	62,203	62,416	62,552	62,217	62,121	61,777
25 to 54 years	48,626	48,533	48,416	48,471	48,259	48,047	48,056	48,106	48,326	48,466	48,366	48,127	47,811
55 years and over	14,081	14,086	14,089	14,156	14,022	13,954	13,992	14,131	14,160	14,113	13,973	14,016	13,931
Male													
16 years and over	49,022	48,825	48,939	48,864	48,638	48,653	48,609	48,766	48,919	48,875	48,686	48,579	48,235
16 to 19 years	3,535	3,401	3,497	3,313	3,345	3,393	3,382	3,481	3,497	3,453	3,455	3,325	3,295
16 and 17 years	1,593	1,528	1,588	1,445	1,482	1,496	1,472	1,559	1,608	1,557	1,532	1,463	1,444
18 and 19 years	1,956	1,887	1,908	1,850	1,822	1,894	1,874	1,923	1,937	1,919	1,950	1,890	1,864
20 to 24 years	5,087	5,055	5,074	5,125	5,037	5,061	5,005	4,977	4,923	4,887	4,814	4,921	4,830
25 years and over	40,386	40,369	40,373	40,429	40,236	40,191	40,215	40,298	40,494	40,568	40,407	40,356	40,091
25 to 54 years	31,322	31,273	31,267	31,336	31,263	31,207	31,185	31,216	31,393	31,466	31,422	31,339	31,083
55 years and over	9,068	9,069	9,091	9,068	8,954	8,936	9,003	9,084	9,127	9,111	9,063	9,040	9,010
Female													
16 years and over	29,475	29,500	29,188	29,323	29,236	29,018	28,656	28,839	28,848	28,854	28,543	28,186	28,153
16 to 19 years	2,708	2,789	2,669	2,701	2,731	2,767	2,610	2,670	2,620	2,590	2,544	2,384	2,451
16 and 17 years	1,094	1,084	1,013	1,012	1,027	1,052	1,040	1,093	1,052	1,013	992	931	929
18 and 19 years	1,686	1,681	1,638	1,676	1,687	1,700	1,569	1,595	1,596	1,573	1,577	1,474	1,523
20 to 24 years	4,409	4,375	4,334	4,368	4,328	4,323	4,171	4,260	4,299	4,278	4,212	4,034	4,084
25 years and over	22,355	22,344	22,165	22,242	22,151	21,903	21,886	21,905	21,922	21,984	21,810	21,765	21,686
25 to 54 years	17,304	17,260	17,149	17,135	16,996	16,840	16,871	16,890	16,933	17,000	16,944	16,788	16,728
55 years and over	5,013	5,017	4,998	5,088	5,068	5,018	4,989	5,047	5,033	5,002	4,911	4,976	4,921

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

(In thousands)

Occupation group	1969											1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
White-collar workers	37,514	37,436	37,099	36,975	36,802	36,920	36,722	36,458	36,346	36,179	36,125	35,869	35,990
Professional and technical	10,897	10,882	10,730	10,677	10,889	10,811	10,756	10,759	10,714	10,521	10,648	10,477	10,550
Managers, officials, and proprietors	8,205	8,086	8,102	7,958	7,915	7,908	8,044	8,003	7,855	7,773	7,855	7,813	7,892
Clerical workers	13,544	13,751	13,573	13,594	13,282	13,433	13,279	13,120	13,152	13,268	13,055	12,940	12,828
Sales workers	4,868	4,717	4,694	4,746	4,716	4,768	4,643	4,576	4,625	4,617	4,567	4,639	4,720
Blue-collar workers	28,334	28,366	28,499	28,489	28,347	28,032	27,603	27,990	28,220	28,395	28,151	28,051	27,622
Craftsmen and foremen	10,258	10,195	10,093	10,179	10,160	10,085	9,957	10,019	10,211	10,460	10,330	10,306	10,140
Operatives	14,347	14,550	14,706	14,617	14,560	14,260	14,050	14,199	14,345	14,327	14,206	14,114	13,397
Nonfarm laborers	3,729	3,621	3,700	3,693	3,627	3,687	3,596	3,772	3,664	3,608	3,615	3,631	3,585
Service workers	9,574	9,514	9,505	9,447	9,448	9,372	9,353	9,673	9,703	9,605	9,418	9,453	9,445
Farmers and farm laborers	3,077	2,992	3,170	3,282	3,235	3,438	3,522	3,381	3,436	3,591	3,411	3,421	3,350

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

**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	Services	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	634	3,050	17,274	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	632	3,186	18,062	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	627	3,275	19,214	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	613	3,208	19,447	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,860	610	3,267	19,768	4,313	14,081	3,618	10,464	3,383	10,592	11,846	2,737	9,109
1968: November..	69,248	621	3,379	20,036	4,373	14,536	3,702	10,834	3,439	10,755	12,109	2,703	9,406
1968: December..	69,805	619	3,247	20,008	4,370	15,113	3,715	11,398	3,449	10,773	12,226	2,769	9,457
1969: January..	68,196	611	3,024	19,803	4,288	14,189	3,671	10,518	3,448	10,693	12,140	2,735	9,405
1969: February..	68,403	610	2,999	19,891	4,303	14,097	3,666	10,431	3,467	10,792	12,244	2,739	9,505
1969: March....	68,894	610	3,077	19,978	4,346	14,201	3,678	10,523	3,490	10,913	12,279	2,737	9,542
1969: April....	69,462	619	3,255	19,952	4,403	14,398	3,688	10,710	3,517	11,044	12,274	2,747	9,527
1969: May.....	69,929	624	3,404	19,982	4,431	14,517	3,709	10,808	3,534	11,131	12,306	2,740	9,566
1969: June.....	70,980	638	3,601	20,336	4,512	14,717	3,793	10,924	3,585	11,243	12,348	2,832	9,516
1969: July.....	70,347	645	3,681	20,114	4,528	14,662	3,818	10,844	3,629	11,266	11,822	2,841	8,981
1969: August...	70,607	647	3,707	20,435	4,533	14,660	3,821	10,839	3,642	11,253	11,730	2,804	8,926
1969: September..	70,814	639	3,663	20,421	4,529	14,702	3,806	10,896	3,597	11,183	12,080	2,733	9,347
1969: October..	71,188	633	3,620	20,338	4,508	14,865	3,835	11,030	3,590	11,246	12,388	2,715	9,673
1969: November..	71,214	629	3,521	20,121	4,512	15,118	3,843	11,275	3,597	11,211	12,505	2,712	9,793

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

ESTABLISHMENT DATA EMPLOYMENT

B-2: Employees on nonagricultural payrolls, by industry

SIC CODE	Industry	(In thousands)									
		All employees					Production workers ¹				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
-	TOTAL	71,214	71,188	70,814	69,248	68,960	-	-	-	-	-
-	PRIVATE SECTOR	58,709	58,800	58,734	57,139	56,923	48,648	48,748	48,718	47,464	47,247
-	MINING	629	633	639	621	574	481	484	490	474	431
10	METAL MINING	-	93.2	94.4	88.1	88.0	-	75.2	76.3	70.9	70.7
101	Iron ores	-	25.3	26.3	24.3	24.4	-	20.7	21.5	19.8	19.9
102	Copper ores	-	38.1	38.1	34.9	34.6	-	30.5	30.5	27.7	27.4
11,12	COAL MINING	-	137.7	137.3	136.1	90.4	-	119.5	119.3	117.3	75.7
12	Bituminous coal and lignite mining	-	131.3	131.0	129.8	84.1	-	113.8	113.7	111.9	70.3
13	OIL AND GAS EXTRACTION	-	280.8	284.7	278.7	276.8	-	189.2	192.8	188.8	187.3
131,2	Crude petroleum and natural gas fields ..	-	141.3	144.3	146.0	146.2	-	72.1	74.4	75.9	76.3
138	Oil and gas field services	-	139.5	140.4	132.7	130.6	-	117.1	118.4	112.9	111.0
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	121.3	122.6	118.2	119.0	-	100.2	101.4	96.7	97.4
142	Crushed and broken stone	-	43.3	43.6	41.1	41.6	-	36.8	37.0	34.5	35.1
144	Sand and gravel	-	40.2	40.9	39.0	39.7	-	-	-	-	-
	CONTRACT CONSTRUCTION	3,521	3,620	3,663	3,379	3,503	2,986	3,084	3,126	2,861	2,985
	GENERAL BUILDING CONTRACTORS	-	1,062.6	1,064.4	1,016.8	1,047.1	-	908.9	913.1	867.1	896.9
16	HEAVY CONSTRUCTION CONTRACTORS ..	-	836.2	862.6	711.4	773.9	-	725.3	751.0	614.4	674.9
161	Highway and street construction	-	377.1	394.8	328.3	377.7	-	338.4	355.4	290.4	339.8
162	Heavy construction, n e c	-	459.1	467.8	383.1	396.2	-	386.9	395.6	324.0	335.1
17	SPECIAL TRADE CONTRACTORS	-	1,721.2	1,736.2	1,650.7	1,681.5	-	1,449.8	1,462.0	1,379.9	1,413.0
171	Plumbing, heating, air conditioning	-	408.4	402.0	399.8	404.1	-	331.3	324.7	323.5	328.3
172	Painting, paper hanging, decorating	-	135.4	138.6	131.5	141.6	-	120.5	123.9	116.1	126.1
173	Electrical work	-	286.7	288.5	275.1	273.7	-	232.2	234.2	221.1	220.9
174	Masonry, stonework, and plastering	-	238.5	241.7	235.2	243.9	-	217.3	220.3	213.3	221.6
176	Roofing and sheet metal work	-	125.8	126.0	115.7	118.9	-	104.7	105.6	95.1	98.0
	MANUFACTURING	20,121	20,338	20,421	20,036	20,019	14,702	14,918	14,997	14,741	14,731
19,24,25,32-39	DURABLE GOODS	11,789	11,993	12,014	11,776	11,704	8,532	8,737	8,755	8,586	8,521
20-23,26-31	NONDURABLE GOODS	8,332	8,345	8,407	8,260	8,315	6,170	6,181	6,242	6,155	6,210
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	308.8	308.1	315.1	349.5	334.2	170.5	170.1	174.1	197.9	184.5
192	Ammunition, except for small arms	228.5	229.4	233.8	262.0	247.0	119.6	120.6	123.5	141.7	128.3
1925	Complete guided missiles	-	132.1	134.6	153.2	153.6	-	41.7	43.1	51.4	51.1
1929	Ammunition, exc. for small arms, nec ..	-	97.3	99.2	108.8	93.4	-	78.9	80.4	90.3	77.2
24	LUMBER AND WOOD PRODUCTS	582.5	593.4	605.3	598.5	605.0	502.8	513.6	526.0	519.0	524.1
241	Logging camps & logging contractors	76.9	81.1	83.9	77.6	81.2	-	-	-	-	-
242	Sawmills and planing mills	224.1	228.7	232.2	231.0	233.4	203.2	207.6	211.6	209.9	212.0
2421	Sawmills and planing mills, general	-	191.3	194.4	192.7	195.6	-	173.9	177.5	175.3	177.8
243	Millwork, plywood & related products	157.1	158.5	162.5	167.3	169.0	130.7	132.2	136.5	141.1	141.5
2431	Millwork	-	69.0	71.1	73.1	73.5	-	55.5	57.8	59.6	59.8
2432	Veneer and plywood	-	70.1	71.3	75.1	76.2	-	62.9	64.2	68.0	68.1
244	Wooden containers	36.7	36.9	37.7	37.9	37.3	32.6	32.8	33.6	33.6	33.2
2441,2	Wooden boxes, shooks, and crates	-	28.3	29.1	29.4	28.9	-	25.1	25.9	26.0	25.7
249	Miscellaneous wood products	87.7	88.2	89.0	84.7	84.1	73.6	74.3	75.2	71.5	71.0

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

ESTABLISHMENT DATA
EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES	489.4	497.0	495.9	490.3	485.3	406.0	413.4	412.1	406.4	402.0
251	Household furniture.....	(*)	349.5	348.1	347.1	343.5	(*)	298.5	297.0	296.3	293.1
2511	Wood household furniture.....	—	179.6	180.4	181.4	179.4	—	159.1	159.7	160.2	158.6
2512	Upholstered household furniture.....	—	91.2	90.7	89.6	88.7	—	76.2	75.9	75.2	74.3
2515	Mattresses and bedsprings.....	—	39.5	40.0	39.0	39.0	—	30.9	31.3	30.6	30.6
252	Office furniture.....	—	40.6	40.3	36.6	35.9	—	32.1	31.8	28.6	27.9
254	Partitions and fixtures.....	—	54.0	54.7	51.6	51.3	—	41.7	42.5	39.1	38.7
253,9	Other furniture and fixtures.....	52.0	52.9	52.8	55.0	54.6	39.8	41.1	40.8	42.4	42.3
32	STONE, CLAY, AND GLASS PRODUCTS ...	667.6	669.8	674.2	654.9	655.7	535.2	537.5	542.2	527.6	527.8
321	Flat glass.....	—	26.3	26.6	27.2	27.0	—	19.8	20.2	21.0	20.7
322	Glass and glassware, pressed or blown...	133.9	133.6	134.2	131.2	131.4	117.6	117.6	118.1	116.8	117.1
3221	Glass containers.....	—	75.7	76.4	73.7	73.7	—	67.9	68.7	68.3	68.5
3229	Pressed and blown glass, n e c.....	—	57.9	57.8	57.5	57.7	—	49.7	49.4	48.5	48.6
324	Cement, hydraulic.....	36.0	36.0	35.4	34.9	35.2	27.6	27.6	27.1	26.8	27.0
325	Structural clay products.....	63.0	63.2	64.4	64.9	64.5	51.5	51.9	53.0	53.9	53.5
3251	Brick and structural clay tile.....	—	28.7	29.1	29.7	29.3	—	25.1	25.6	26.2	25.7
326	Pottery and related products.....	—	46.3	46.0	44.5	44.2	—	39.2	38.9	38.0	37.7
327	Concrete, gypsum, and plaster products...	190.2	191.9	194.8	185.1	187.1	148.8	150.8	153.6	144.4	146.0
328,9	Other stone and nonmetallic mineral products	142.1	141.7	142.4	138.0	137.4	106.3	105.9	106.9	103.2	102.5
3291	Abrasive products.....	—	28.0	27.8	27.4	27.3	—	19.2	19.2	18.8	18.7
33	PRIMARY METAL INDUSTRIES	1,356.6	1,358.0	1,365.5	1,280.1	1,270.5	1,084.6	1,085.4	1,092.7	1,014.7	1,003.5
331	Blast furnace and basic steel products...	(*)	649.1	653.7	590.1	586.0	(*)	517.8	522.3	462.9	457.6
3312	Blast furnaces and steel mills.....	—	568.8	573.2	513.6	510.0	—	455.8	460.0	405.0	400.3
332	Iron and steel foundries.....	238.9	235.9	236.6	224.3	223.2	201.8	198.8	199.2	187.6	186.3
3321	Gray iron foundries.....	—	148.1	148.3	142.2	140.2	—	126.9	127.0	121.2	119.3
3322	Malleable iron foundries.....	—	23.8	24.2	23.1	22.9	—	19.9	20.2	19.3	19.2
3323	Steel foundries.....	—	64.0	64.1	59.0	60.1	—	52.0	52.0	47.1	47.8
333,4	Nonferrous metals.....	87.9	87.8	88.2	86.1	86.0	78.1	67.9	68.3	67.3	66.9
3334	Primary aluminum.....	—	28.0	28.1	27.0	26.8	—	22.8	23.0	22.4	22.2
335	Nonferrous rolling and drawing.....	216.4	218.5	219.2	212.9	210.8	163.4	165.2	165.9	160.6	158.4
3351	Copper rolling and drawing.....	—	44.3	45.0	43.5	44.1	—	33.5	33.9	32.9	33.2
3352	Aluminum rolling and drawing.....	—	69.8	70.0	71.5	70.1	—	51.8	52.0	54.0	52.6
3357	Nonferrous wire drawing and insulating..	—	79.8	79.7	76.9	75.9	—	62.4	62.5	59.5	58.6
336	Nonferrous foundries.....	92.0	90.7	91.9	91.2	89.9	76.6	75.3	76.5	76.3	75.1
3361	Aluminum castings.....	—	46.4	47.1	46.4	44.6	—	39.2	39.8	39.6	37.9
3362,9	Other nonferrous castings.....	—	44.3	44.8	44.8	45.3	—	36.1	36.7	36.7	37.2
339	Miscellaneous primary metal products.....	77.2	76.0	75.9	75.5	74.6	61.8	60.4	60.5	60.0	59.2
3391	Iron and steel forgings.....	—	51.2	51.4	50.7	50.5	—	41.0	41.2	40.9	40.7
34	FABRICATED METAL PRODUCTS	1,464.2	1,468.3	1,472.5	1,434.3	1,421.8	1,124.1	1,129.4	1,134.2	1,110.1	1,100.7
341	Metal cans.....	66.3	68.1	70.1	67.7	67.8	55.3	57.0	59.1	57.9	58.2
342	Cutlery, hand tools, and hardware.....	173.2	173.5	172.7	171.8	169.8	135.5	135.8	135.4	134.4	133.0
3421,3,5	Cutlery and hand tools, incl. saws.....	—	70.8	70.1	66.9	66.0	—	54.6	54.2	52.3	51.6
3429	Hardware, n e c.....	—	102.7	102.6	104.9	103.8	—	81.2	81.2	82.1	81.4
343	Plumbing and heating, except electric....	85.9	85.1	84.8	83.5	82.8	64.1	63.3	63.2	61.9	61.7
3431,2	Sanitary ware & plumbers' brass goods..	—	37.8	37.6	36.8	36.5	—	30.0	30.0	29.1	29.0
3433	Heating equipment, except electric.....	—	47.3	47.2	46.7	46.3	—	33.3	33.2	32.8	32.7
344	Fabricated structural metal products.....	436.8	436.7	437.9	420.6	418.2	314.8	315.1	316.5	305.0	302.9
3441	Fabricated structural steel.....	—	115.1	115.7	112.6	111.7	—	84.4	85.2	83.3	82.1
3442	Metal doors, sash, and trim.....	—	72.7	72.4	70.0	69.7	—	53.1	53.1	51.1	51.1
3443	Fabricated plate work (boiler shops)....	—	116.3	115.8	111.0	108.6	—	81.4	81.0	78.4	76.7
3444	Sheet metal work.....	—	81.4	81.7	80.0	80.0	—	59.0	59.3	59.0	59.0
3446,9	Architectural and misc. metal work.....	—	51.2	52.3	47.0	48.2	—	37.2	37.9	33.2	34.0
345	Screw machine products, bolts, etc.....	117.1	115.8	115.9	112.5	110.6	92.5	91.3	91.1	89.0	87.2
3451	Screw machine products.....	—	51.7	52.0	51.8	50.9	—	43.7	43.7	43.9	43.1
3452	Bolts, nuts, rivets, and washers.....	—	64.1	63.9	60.7	59.7	—	47.6	47.4	45.1	44.1
346	Metal stampings.....	(*)	260.3	262.4	259.4	255.6	(*)	212.0	214.5	213.2	210.0
347	Metal services, n e c.....	99.0	98.0	97.8	94.6	94.4	81.5	80.7	80.2	78.7	78.7
348	Misc. fabricated wire products.....	70.6	70.6	70.0	69.5	68.7	56.3	56.4	55.9	56.3	55.7
349	Misc. fabricated metal products.....	160.7	160.2	160.9	154.7	153.9	117.5	117.8	118.3	113.7	113.3
3494,8	Valves, pipe, and pipe fittings.....	—	94.8	95.4	93.6	93.5	—	66.4	66.7	66.1	65.8

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	1,985.6	2,010.9	2,009.7	1,966.1	1,947.8	1,346.6	1,371.7	1,371.3	1,345.9	1,326.3
351	Engines and turbines	(*)	113.7	114.2	111.0	110.0	(*)	77.4	77.7	76.3	75.2
3511	Steam engines and turbines	-	38.9	38.9	38.3	38.3	-	22.4	22.4	22.4	22.4
3519	Internal combustion engines, n e c	-	74.8	75.3	72.7	71.7	-	55.0	55.3	53.9	52.8
352	Farm machinery	-	126.2	126.6	133.2	134.0	-	90.0	90.3	93.8	94.7
353	Construction and related machinery	296.0	296.9	297.7	284.2	281.5	199.1	198.9	200.0	189.8	187.2
3531,2	Construction and mining machinery	-	156.9	157.3	152.2	151.3	-	109.4	109.8	105.6	104.6
3533	Oil field machinery	-	47.0	46.8	42.3	42.1	-	32.6	32.6	29.5	29.2
3535,6	Conveyors, hoists, cranes, monorails	-	43.8	43.8	42.5	41.6	-	27.3	27.3	26.4	25.5
3537	Industrial trucks and tractors	-	34.5	34.5	32.1	31.5	-	22.2	22.3	20.6	20.3
354	Metal working machinery	347.8	345.4	344.5	338.4	337.0	259.5	257.3	256.7	253.2	251.1
3541	Machine tools, metal cutting types	-	78.2	78.7	78.2	78.0	-	52.7	52.9	53.2	53.0
3544	Special dies, tools, jigs, & fixtures	-	127.2	125.8	124.8	123.1	-	104.4	103.3	102.6	100.9
3545	Machine tool accessories	-	60.7	60.7	60.2	60.0	-	44.0	44.1	43.5	43.5
3542,8	Misc. metal working machinery	-	79.3	79.3	75.2	75.9	-	56.2	56.4	53.9	53.7
355	Special industry machinery	196.7	199.9	200.4	197.8	196.9	130.2	132.4	132.4	133.2	132.3
3551	Food products machinery	-	43.8	43.8	42.9	42.7	-	28.0	27.9	27.7	27.6
3552	Textile machinery	-	41.3	41.7	41.7	41.1	-	31.1	31.2	31.9	31.3
3555	Printing trades machinery	-	31.2	31.3	30.8	30.8	-	19.9	19.9	20.6	20.6
356	General industrial machinery	284.3	284.4	284.3	282.2	273.7	189.2	189.0	188.4	185.8	177.0
3561	Pumps and compressors	-	75.7	75.2	77.1	77.0	-	43.7	43.3	43.0	42.4
3562	Ball and roller bearings	-	61.3	60.9	61.0	53.7	-	47.5	47.0	47.4	40.0
3564	Blowers and fans	-	31.2	32.5	31.6	31.4	-	19.6	20.5	20.1	19.8
3566	Power transmission equipment	-	55.2	54.8	52.5	52.0	-	39.8	39.3	38.1	37.9
357	Office and computing machines	(*)	256.4	253.8	250.9	250.3	(*)	134.1	132.9	135.7	135.2
3573	Electronic computing equipment	-	166.1	165.0	157.6	158.1	-	68.8	68.2	69.1	69.2
358	Service industry machines	(*)	143.5	144.0	136.7	134.8	(*)	101.2	102.5	97.0	94.7
3585	Refrigeration machinery	-	94.8	95.0	87.6	86.7	-	67.4	68.3	62.5	61.2
359	Misc. machinery, except electrical	246.4	244.5	244.2	231.7	229.6	193.2	191.4	190.4	181.1	178.9
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,975.4	2,094.3	2,083.1	2,011.3	1,999.4	1,289.0	1,407.3	1,394.2	1,346.0	1,338.6
361	Electric test & distributing equipment	(*)	221.6	220.0	206.9	203.8	(*)	151.1	1,469.2	140.8	138.0
3611	Electric measuring instruments	-	76.2	74.8	68.1	67.4	-	47.9	47.2	43.7	43.2
3612	Transformers	-	60.6	61.0	57.4	56.4	-	44.3	44.5	41.1	40.3
3613	Switchgear and switchboard apparatus	-	84.8	84.2	81.4	80.0	-	58.9	57.9	56.0	54.5
362	Electrical industrial apparatus	(*)	224.4	223.9	212.3	209.0	(*)	157.9	157.6	147.5	144.3
3621	Motors and generators	-	122.4	122.5	116.3	113.7	-	88.0	88.2	82.2	79.6
3622	Industrial controls	-	62.7	61.9	57.7	57.2	-	41.5	40.8	37.3	36.8
363	Household appliances	(*)	190.4	188.3	182.6	180.3	(*)	151.9	150.1	145.0	143.5
3632	Household refrigerators and freezers	-	59.9	60.8	57.5	56.1	-	49.6	50.2	46.5	45.6
3633	Household laundry equipment	-	27.8	28.1	26.1	26.3	-	21.6	22.3	20.8	21.0
3634	Electric housewares and fans	-	46.9	45.2	46.3	45.6	-	37.6	36.0	37.0	36.4
364	Electric lighting and wiring equipment	(*)	216.3	214.6	204.6	205.9	(*)	168.1	165.9	155.9	157.7
3641	Electric lamps	-	41.5	40.9	39.5	39.2	-	36.9	36.2	34.9	34.6
3642	Lighting fixtures	-	68.1	68.0	66.9	66.7	-	53.5	53.0	52.0	51.8
3643,4	Wiring devices	-	106.7	105.7	98.2	100.0	-	77.7	76.7	69.0	71.3
365	Radio and TV receiving equipment	(*)	159.7	160.5	161.7	161.5	(*)	119.9	120.4	123.3	123.9
366	Communication equipment	(*)	530.5	529.5	523.1	521.4	(*)	263.7	260.6	258.7	257.7
3661	Telephone and telegraph apparatus	-	147.6	145.0	132.3	131.4	-	98.9	96.6	87.1	86.4
3662	Radio and TV communication equipment	-	382.9	384.5	390.8	390.0	-	164.8	164.0	171.6	171.3
367	Electronic components and accessories	(*)	420.2	416.6	394.1	391.7	(*)	293.3	289.9	277.8	276.3
3671-3	Electron tubes	-	69.4	70.7	74.0	74.4	-	47.2	48.6	51.4	51.8
3674,9	Other electronic components	-	350.8	345.9	320.1	317.3	-	246.1	241.3	226.4	224.5
369	Misc. electrical equipment & supplies	(*)	131.2	129.7	126.0	125.8	(*)	101.4	100.1	97.0	97.2
3694	Engine electrical equipment	-	70.5	69.5	68.2	68.5	-	55.2	54.3	53.3	53.6
37	TRANSPORTATION EQUIPMENT	2,027.3	2,056.6	2,063.8	2,063.4	2,058.6	1,424.4	1,451.0	1,457.4	1,462.8	1,460.1
371	Motor vehicles and equipment	(*)	933.1	933.9	905.2	902.2	(*)	729.3	728.8	712.4	708.7
3711	Motor vehicles	-	403.2	403.3	386.1	385.8	-	300.4	300.3	291.8	291.4
3712	Passenger car bodies	-	66.3	68.2	64.5	68.6	-	55.3	57.0	53.2	56.6
3713	Truck and bus bodies	-	39.9	41.0	37.8	36.6	-	32.6	33.6	30.5	29.5
3714	Motor vehicle parts and accessories	-	392.3	391.8	388.3	383.8	-	316.5	315.2	315.2	310.5
3715	Truck trailers	-	31.4	29.6	28.5	27.4	-	24.5	22.7	21.7	20.7
372	Aircraft and parts	(*)	798.5	804.0	839.4	841.3	(*)	458.4	463.8	490.4	494.0
3721	Aircraft	-	476.4	481.0	490.8	492.2	-	265.7	270.6	277.9	280.5
3722	Aircraft engines and engine parts	-	196.1	196.3	207.9	208.2	-	109.9	109.9	117.6	117.5
3723,9	Other aircraft parts and equipment	-	126.0	126.7	140.7	140.9	-	82.8	83.3	94.9	96.0
373	Ship and boat building and repairing	189.5	184.3	183.8	184.1	182.1	154.8	150.3	149.8	150.0	149.0
3731	Ship building and repairing	-	142.4	141.9	142.3	141.6	-	116.1	115.7	115.7	115.8

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

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
	<i>Durable Goods--Continued</i>										
	TRANSPORTATION EQUIPMENT--Continued										
3732	Boat building and repairing.....		41.9	41.9	41.8	40.5		34.2	34.1	34.3	33.2
374	Railroad equipment.....	-	53.6	53.8	48.3	47.2	-	41.5	42.1	36.7	35.6
375,9	Other transportation equipment.....	-	87.1	88.3	86.4	85.8	-	71.5	72.9	73.3	72.8
38	INSTRUMENTS AND RELATED PRODUCTS.....	465.6	469.3	469.8	466.5	463.6	282.2	288.8	289.5	288.5	286.5
381	Engineering & scientific instruments.....	-	75.8	76.3	83.7	83.9	-	37.5	37.5	40.8	41.6
382	Mechanical measuring & control devices.....	112.1	113.1	112.9	110.7	109.8	71.2	71.5	71.7	70.8	70.0
3821	Mechanical measuring devices.....	-	69.4	69.0	67.2	66.9	-	41.3	41.2	40.2	40.0
3822	Automatic temperature controls.....	-	43.7	43.9	43.5	42.9	-	30.2	30.5	30.6	30.0
383,5	Optical and ophthalmic goods.....	52.3	51.9	51.3	50.6	50.6	36.7	36.3	36.2	36.1	36.0
385	Ophthalmic goods.....	-	33.0	32.7	31.7	31.8	-	25.2	24.8	24.1	24.0
384	Medical instruments and supplies.....	77.6	77.2	77.1	74.3	73.7	52.6	52.7	52.6	50.7	50.0
386	Photographic equipment and supplies.....	(*)	114.6	115.2	111.0	109.8	(*)	60.7	61.1	60.6	59.6
387	Watches, clocks, and watchcases.....	-	36.7	37.0	36.2	35.8	-	29.9	30.4	29.5	29.3
	MISCELLANEOUS MANUFACTURING INDUSTRIES.....	465.7	467.0	458.9	461.5	462.4	367.0	368.4	360.8	366.9	367.2
391	Jewelry, silverware, and plated ware.....	52.7	52.6	52.1	53.1	52.8	39.8	39.8	39.4	40.5	39.9
394	Toys and sporting goods.....	-	143.2	138.1	138.0	139.4	-	119.5	114.8	116.0	117.2
3941-3	Games, toys, dolls, & play vehicles.....	-	90.0	84.9	85.0	87.2	-	76.2	71.5	72.2	74.4
3949	Sporting and athletic goods, n e c.....	-	53.2	53.2	53.0	52.2	-	43.3	43.3	43.8	42.8
395	Pens, pencils, office, and art supplies.....	-	34.9	34.8	34.4	35.0	-	25.5	25.5	24.5	25.1
396	Costume jewelry and notions.....	-	63.4	62.9	64.1	63.7	-	52.8	52.0	53.4	53.0
393,8,9	Other manufacturing industries.....	173.6	172.9	171.0	171.9	171.5	131.0	130.8	129.1	132.5	132.0
393	Musical instruments and parts.....	-	24.4	24.3	25.2	24.9	-	19.3	19.2	19.8	19.5
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS.....	1,841.1	1,854.3	1,920.2	1,805.7	1,866.0	1,254.5	1,264.8	1,324.8	1,222.1	1,279.5
201	Meat products.....	349.8	343.2	340.7	344.2	342.3	284.4	278.9	275.9	278.5	276.6
2011	Meat packing plants.....	-	182.5	182.4	187.2	186.2	-	142.8	142.2	146.1	145.2
2013	Sausages and other prepared meats.....	-	58.0	57.9	58.7	58.8	-	41.8	41.8	42.7	42.6
2015	Poultry dressing plants.....	-	102.7	100.4	98.3	97.3	-	94.3	91.9	89.7	88.8
202	Dairy products.....	243.2	247.7	253.3	253.0	255.3	113.3	115.6	119.7	118.7	120.4
2024	Ice cream and frozen desserts.....	-	25.9	28.1	25.9	26.6	-	13.1	14.6	12.9	13.6
2026	Fluid milk.....	-	175.5	177.8	180.1	181.3	-	66.9	68.1	69.1	69.7
203	Canned, cured, and frozen foods.....	-	321.8	394.1	270.3	329.7	-	275.9	347.1	227.1	284.4
2031,6	Canned, cured, and frozen sea foods.....	-	44.6	43.1	38.6	42.5	-	38.9	37.7	33.8	37.5
2032,3	Canned food, except sea foods.....	-	172.1	242.8	137.3	186.3	-	145.4	215.3	112.2	159.3
2037	Frozen fruits and vegetables.....	-	65.2	67.2	58.7	61.5	-	58.7	60.3	52.6	55.4
204	Grain mill products.....	(*)	138.0	139.5	133.2	134.7	(*)	98.6	99.9	94.2	95.7
2041	Flour and other grain mill products.....	-	31.2	31.6	31.2	30.9	-	23.0	23.4	22.5	22.3
2042	Prepared feeds for animals and fowls.....	-	64.9	65.8	61.8	63.8	-	43.5	44.3	40.8	42.4
205	Bakery products.....	281.5	270.3	270.4	278.5	280.0	167.2	155.9	154.8	163.3	164.7
2051	Bread, cake, and related products.....	-	233.6	234.3	235.8	235.6	-	127.8	127.5	128.1	128.0
2052	Cookies and crackers.....	-	36.7	36.1	42.7	44.4	-	28.1	27.3	35.2	36.7
206	Sugar.....	-	48.6	37.9	54.1	51.0	-	40.0	29.5	47.4	44.6
207	Confectionery and related products.....	(*)	91.8	89.4	89.3	88.1	(*)	76.3	74.2	74.0	73.4
2071	Confectionery products.....	-	75.4	72.8	73.1	71.9	-	64.0	61.7	61.9	61.3
208	Beverages.....	240.8	244.5	248.8	235.2	237.3	123.3	126.3	128.6	121.8	122.7
2082	Malt liquors.....	-	60.3	62.5	59.4	59.2	-	39.4	41.3	39.9	39.2
2086	Bottled and canned soft drinks.....	-	131.4	136.2	127.0	128.1	-	49.4	52.9	47.6	48.4
209	Misc. foods and kindred products.....	148.4	148.4	146.1	147.9	147.6	97.3	97.3	95.1	97.1	97.0
21	TOBACCO MANUFACTURES.....	84.5	91.4	93.9	89.1	96.8	71.2	77.7	80.3	76.4	83.9
211	Cigarettes.....	-	39.9	40.4	41.8	41.3	-	32.1	32.6	34.4	34.0
212	Cigars.....	-	19.6	19.4	20.7	20.6	-	17.9	17.7	19.3	19.2
22	TEXTILE MILL PRODUCTS.....	990.1	983.1	984.7	1,003.2	999.2	872.5	866.1	867.4	888.3	885.0
221	Weaving mills, cotton.....	226.1	224.7	224.9	231.7	231.6	205.7	204.3	204.5	211.3	211.0
222	Weaving mills, synthetics.....	101.5	101.4	101.4	102.7	102.3	90.4	90.5	90.4	92.4	92.0
223	Weaving and finishing mills, wool.....	42.1	41.9	42.7	44.2	43.8	36.0	35.8	36.4	38.0	37.6
224	Narrow fabric mills.....	31.8	31.7	31.6	31.9	31.7	28.3	28.1	28.1	28.4	28.2
225	Knitting mills.....	(*)	243.5	245.1	253.8	254.5	(*)	214.5	215.9	225.2	226.4
2251	Women's hosiery, except socks.....	-	65.3	65.8	66.8	66.2	-	59.2	59.7	60.8	60.4
2252	Hosiery, n e c.....	-	37.4	37.5	39.0	39.4	-	33.8	33.8	35.4	35.8
2253	Knit outerwear mills.....	-	70.1	70.8	78.8	79.7	-	60.2	60.8	68.7	69.8
2254	Knit underwear mills.....	-	33.7	33.9	34.1	33.8	-	29.6	29.8	30.2	30.0

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

ESTABLISHMENT DATA EMPLOYMENT

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

		(In thousands)									
SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
<i>Nondurable Goods--Continued</i>											
TEXTILE MILL PRODUCTS--Continued											
226	Textile finishing, except wool	85.2	84.3	83.9	82.5	81.9	72.3	71.5	71.0	69.8	69.4
227	Floor covering mills	-	55.8	55.4	52.8	51.9	-	44.7	44.3	42.8	42.0
228	Yarn and thread mills	122.4	121.1	121.4	122.0	121.0	113.1	111.9	112.2	112.8	111.9
229	Miscellaneous textile goods	78.0	78.7	78.3	81.6	80.5	64.1	64.8	64.6	67.6	66.5
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,421.5	1,429.7	1,427.3	1,426.2	1,434.5	1,248.4	1,255.7	1,253.8	1,257.1	1,266.5
231	Men's and boys' suits and coats	136.6	136.2	137.4	134.9	133.2	119.7	119.2	120.6	118.4	117.1
232	Men's and boys' furnishings	376.7	375.2	373.9	367.4	368.7	333.8	332.5	331.7	326.9	328.4
2321	Men's and boys' shirts and nightwear ...	-	124.2	122.5	120.4	121.6	-	111.1	109.6	107.8	109.0
2327	Men's and boys' separate trousers	-	79.1	79.9	80.7	80.0	-	72.1	72.8	74.0	73.4
2328	Men's and boys' work clothing	-	86.3	86.1	82.6	82.8	-	74.3	74.4	71.7	71.9
233	Women's and misses' outerwear	428.3	435.0	432.6	425.6	430.4	380.8	385.6	383.8	376.9	382.0
2331	Women's and misses' blouses and waists .	-	51.8	50.8	53.1	52.3	-	46.6	45.4	47.3	46.9
2335	Women's and misses' dresses	-	204.8	203.0	200.3	204.4	-	184.3	182.5	179.0	183.3
2337	Women's and misses' suits and coats	-	91.6	95.3	88.1	92.4	-	80.1	84.8	78.0	82.3
2339	Women's and misses' underwear, n e c ..	-	86.8	83.5	84.1	81.3	-	74.6	71.1	72.6	69.5
234	Women's and children's undergarments ...	124.9	125.8	125.7	130.4	130.5	108.3	109.7	109.4	114.7	114.8
2341	Women's and children's underwear	-	86.7	86.6	88.1	88.5	-	76.8	76.7	78.8	79.1
2342	Corsets and allied garments	-	39.1	39.1	42.3	42.0	-	32.9	32.7	35.9	35.7
235	Hats, caps, and millinery	-	19.1	19.6	21.8	22.4	-	17.0	17.6	19.5	20.1
236	Children's outerwear	78.1	78.6	78.9	80.0	80.8	68.8	69.4	69.9	71.5	72.3
2361	Children's dresses and blouses	-	34.3	33.7	34.9	34.7	-	30.8	30.4	31.6	31.5
237,8	Fur goods and miscellaneous apparel	-	81.1	80.2	82.2	84.2	-	69.7	69.1	71.5	73.5
239	Misc. fabricated textile products	177.6	178.7	179.0	183.9	184.3	151.3	152.6	151.7	157.7	158.3
2391,2	Housefurnishings	-	66.8	65.9	65.7	65.4	-	57.7	56.8	56.9	56.7
26	PAPER AND ALLIED PRODUCTS	723.4	720.2	722.2	706.5	700.4	560.6	557.5	560.5	549.5	544.3
261,2,6	Paper and pulp mills	224.1	224.4	226.2	219.2	217.0	174.3	174.2	176.5	171.6	169.4
263	Paperboard mills	73.7	72.9	73.5	73.7	73.0	58.8	58.1	58.6	58.7	58.2
264	Misc. converted paper products	190.5	188.5	188.6	183.2	182.1	138.7	136.9	137.1	133.7	133.2
2643	Bags, except textile bags	-	42.7	42.8	42.9	42.0	-	34.7	34.7	34.6	33.8
265	Paperboard containers and boxes	235.1	234.4	233.9	230.4	228.3	188.8	188.3	188.3	185.5	183.5
2651,2	Folding and setup paperboard boxes	-	74.2	74.0	72.4	71.6	-	61.7	61.7	60.6	59.9
2653	Corrugated and solid fiber boxes	-	107.9	107.4	105.7	104.6	-	83.7	83.5	82.0	80.8
2654	Sanitary food containers	-	32.6	32.7	32.2	31.9	-	26.3	26.5	26.2	25.9
27	PRINTING AND PUBLISHING	1,100.0	1,100.3	1,091.6	1,075.6	1,070.7	684.0	684.5	679.8	673.5	669.5
271	Newspapers	370.3	368.9	365.3	362.8	361.8	181.5	181.1	179.1	178.7	178.2
272	Periodicals	-	79.9	79.0	77.6	77.3	-	28.2	28.0	28.1	27.8
273	Books	-	96.8	96.8	94.5	94.2	-	53.4	53.7	53.4	53.5
275	Commercial printing	351.3	351.2	348.9	343.5	341.0	272.3	272.7	271.2	268.7	266.3
2751	Commercial printing, ex. lithographic ...	-	217.0	215.9	212.4	210.1	-	170.2	169.6	168.0	165.9
2752	Commercial printing, lithographic	-	122.1	121.0	119.5	119.5	-	93.3	92.5	91.7	91.5
278	Blankbooks and bookbinding	59.6	59.4	59.5	56.2	55.9	49.1	49.1	49.3	46.1	45.6
274,6,7,9	Other publishing & printing ind.	143.2	144.1	142.1	141.0	140.5	99.2	100.0	98.5	98.5	98.1
28	CHEMICALS AND ALLIED PRODUCTS...	1,050.6	1,047.1	1,052.2	1,033.2	1,029.8	613.7	610.3	614.3	612.9	610.0
281	Industrial chemicals	(*)	313.1	315.7	313.1	312.3	(*)	171.5	173.5	172.2	172.0
2812	Alkalies and chlorine	-	25.5	25.8	25.8	25.8	-	17.8	18.0	17.8	17.8
2818	Industrial organic chemicals, n e c	-	123.8	124.1	125.3	124.7	-	54.9	55.2	56.5	56.7
2819	Industrial inorganic chemicals, n e c	-	96.3	97.8	95.3	95.3	-	55.5	56.8	55.2	55.4
282	Plastics materials and synthetics	227.1	226.1	226.4	219.9	217.2	148.8	147.9	148.0	146.7	143.9
2821	Plastics materials and resins	-	97.9	97.7	95.0	93.0	-	59.6	59.3	59.3	57.2
2823,4	Synthetic fibers	-	115.0	115.5	111.6	111.0	-	79.6	80.0	78.8	78.2
283	Drugs	143.9	143.9	144.2	137.6	137.5	70.6	70.4	70.3	70.5	70.1
2834	Pharmaceutical preparations	-	112.6	113.0	107.1	106.7	-	54.3	54.4	53.6	53.2
284	Soap, cleaners, and toilet goods	126.3	125.7	124.8	120.3	120.8	74.5	73.9	73.7	72.9	73.9
2841	Soap and other detergents	-	40.6	41.0	39.6	40.1	-	26.5	26.9	26.0	26.6
2844	Toilet preparations	-	53.7	52.5	51.2	50.9	-	32.5	31.9	32.1	32.2
285	Paints and allied products	70.4	71.2	72.3	70.0	70.2	38.8	39.4	40.0	38.2	38.3
287	Agricultural chemicals	52.9	52.5	51.8	53.2	53.6	32.0	31.4	30.7	32.4	32.7
2871,2	Fertilizers, complete & mixing only	-	35.9	35.1	36.5	37.1	-	23.4	22.6	24.7	25.1
286,9	Other chemical products	112.8	114.6	117.0	119.1	118.2	74.3	75.8	78.1	80.0	79.1
2892	Explosives	-	42.1	43.9	47.2	46.8	-	32.1	33.7	36.5	36.1
29	PETROLEUM AND COAL PRODUCTS	192.5	192.7	192.9	187.8	188.2	118.9	119.3	120.4	118.9	119.7
291	Petroleum refining	154.0	154.0	154.0	150.5	150.1	91.1	91.5	92.2	92.0	92.1
295,9	Other petroleum and coal products	(*)	38.7	38.9	37.3	38.1	(*)	27.8	28.2	26.9	27.6

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)												
		All employees					Production workers ¹							
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968			
	<i>Nondurable Goods--Continued</i>													
30	RUBBER AND PLASTICS PRODUCTS, N.E.C.	587.1	587.1	585.8	573.3	572.8	454.4	455.3	454.0	445.9	444.7			
301	Tires and inner tubes.....	120.1	119.4	119.6	113.8	114.4	83.6	83.4	83.3	78.5	79.3			
302,3,6	Other rubber products.....	182.0	182.5	183.3	187.6	186.5	142.4	143.3	143.8	147.7	146.4			
302	Rubber footwear.....	-	24.7	25.6	27.6	27.9	-	20.7	21.5	23.2	23.3			
307	Miscellaneous plastics products.....	285.0	285.2	282.9	271.9	271.9	228.4	228.6	226.9	219.7	219.0			
31	LEATHER AND LEATHER PRODUCTS...	341.0	338.7	336.2	359.2	356.7	291.7	289.7	287.1	310.5	306.8			
311	Leather tanning and finishing.....	28.2	28.1	28.5	30.2	30.1	24.3	24.3	24.5	26.3	26.2			
314	Footwear, except rubber.....	224.0	221.2	218.1	234.2	231.7	194.4	192.4	189.4	205.1	202.8			
312,3,5-7,9	Other leather products.....	88.8	89.4	89.3	94.8	94.9	73.0	73.0	73.2	79.1	77.8			
316	Luggage.....	-	22.4	22.4	21.5	22.9	-	18.0	18.0	17.6	17.5			
317	Handbags and personal leather goods.....	-	36.2	36.2	40.8	40.3	-	30.3	30.5	34.9	34.3			
	TRANSPORTATION AND PUBLIC UTILITIES.....	4,512	4,508	4,529	4,373	4,363								
40	RAILROAD TRANSPORTATION.....	-	641.9	645.3	647.2	652.0								
4011	Class I railroads ²	-	570.3	573.4	571.7	577.0								
	LOCAL AND INTERURBAN PASSENGER TRANSIT.....	-	289.5	287.7	285.0	283.8								
41	Local and suburban transportation.....	-	79.6	80.4	81.3	80.2		74.8	75.5	77.4	76.0			
412	Taxicabs.....	-	109.6	108.4	110.6	109.1		-	-	-	-			
413	Intercity highway transportation.....	-	43.2	44.3	42.3	42.9		39.5	40.4	38.6	39.1			
42	TRUCKING AND WAREHOUSING.....	-	1,119.4	1,118.5	1,077.1	1,080.1		1,016.3	1,015.8	975.5	979.6			
421,3	Trucking and trucking terminals.....	-	1,027.0	1,032.8	986.7	990.4		935.2	941.1	896.1	900.9			
422	Public warehousing.....	-	92.4	85.7	90.4	89.7		81.1	74.7	79.4	78.7			
45	TRANSPORTATION BY AIR.....	-	358.1	360.8	339.9	338.4		-	-	-	-			
451,2	Air transportation.....	-	323.6	326.7	308.3	307.2		-	-	-	-			
46	PIPE LINE TRANSPORTATION.....	-	18.2	18.9	18.4	18.5		14.6	15.2	15.1	15.2			
44,47	OTHER TRANSPORTATION AND SERVICES:	-	339.6	349.9	338.6	326.7		-	-	-	-			
44	Water transportation.....	-	232.8	243.6	239.8	228.9		-	-	-	-			
47	Transportation services.....	-	106.8	106.3	98.8	97.8		-	-	-	-			
48	COMMUNICATION.....	-	1,079.3	1,076.3	1,015.5	1,009.8		850.1	849.3	796.9	793.1			
481	Telephone communication.....	-	897.3	893.6	843.8	837.2		716.2	715.3	669.8	664.4			
482	Telegraph communication ³	-	31.2	32.0	32.9	33.0		21.8	22.4	23.0	23.0			
483	Radio and television broadcasting.....	-	134.4	134.3	124.5	125.5		106.2	105.9	99.0	100.7			
49	ELECTRIC, GAS, AND SANITARY SERVICES:	-	662.2	671.3	651.5	653.2		568.6	577.7	563.1	564.9			
491	Electric companies and systems.....	-	275.3	278.4	266.2	267.8		234.6	237.7	227.3	228.7			
492	Gas companies and systems.....	-	155.8	158.6	157.4	157.3		132.6	135.1	134.3	134.5			
493	Combination companies and systems.....	-	183.6	186.0	181.7	181.7		159.6	162.5	160.8	160.9			
494-7	Water, steam, & sanitary systems.....	-	47.5	48.3	46.2	46.4		41.8	42.4	40.7	40.8			
-	WHOLESALE AND RETAIL TRADE.....	15,118	14,865	14,702	14,536	14,302	13,491	13,233	13,081	12,972	12,725			
50	WHOLESALE TRADE.....	3,843	3,835	3,806	3,702	3,686	3,237	3,226	3,202	3,121	3,105			
501	Motor vehicles & automotive equipment.....	-	312.2	310.2	294.5	292.9		257.0	256.5	244.3	242.7			
502	Drugs, chemicals, and allied products.....	-	238.5	235.8	227.9	224.5		193.9	192.6	189.5	186.4			
503	Dry goods and apparel.....	-	151.9	149.3	150.9	148.9		120.2	117.8	122.6	120.8			
504	Groceries and related products.....	-	566.6	554.5	553.9	552.2		497.3	485.1	486.1	483.7			
506	Electrical goods.....	-	308.5	310.1	297.3	294.4		258.0	258.9	243.7	241.0			
507	Hardware; plumbing & heating equipment.....	-	171.7	172.6	166.6	166.2		145.5	146.4	140.7	140.5			
508	Machinery, equipment, and supplies.....	-	748.5	748.2	713.9	710.1		635.3	636.2	605.3	601.6			
509	Miscellaneous wholesalers.....	-	1,248.3	1,242.7	1,200.2	1,199.4		1,043.4	1,039.2	1,006.2	1,004.9			
52-59	RETAIL TRADE.....	11,275	11,030	10,896	10,834	10,616	10,254	10,007	9,879	9,851	9,620			
53	RETAIL GENERAL MERCHANDISE.....	-	2,345.9	2,254.4	2,385.8	2,210.0		2,157.0	2,070.6	2,206.9	2,032.7			
531	Department stores.....	-	1,539.9	1,470.7	1,567.1	1,436.9		1,418.8	1,353.1	1,450.2	1,320.0			
532	Mail order houses.....	-	136.8	127.9	154.0	134.4		127.9	119.0	145.2	125.8			
533	Variety stores.....	-	340.1	331.1	338.7	323.9		313.8	305.6	318.0	304.1			
54	FOOD STORES.....	-	1,720.5	1,686.5	1,670.5	1,650.3		1,602.2	1,569.4	1,559.6	1,525.8			
541-3	Grocery, meat, and vegetable stores.....	-	1,551.0	1,519.7	1,501.8	1,485.1		1,444.0	1,414.3	1,404.2	1,373.9			

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

ESTABLISHMENT DATA EMPLOYMENT

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers ¹				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
WHOLESALE AND RETAIL TRADE (Continued)											
56	APPAREL AND ACCESSORY STORES		701.2	686.0	720.2	690.7	-	630.6	614.9	649.4	620.0
561	Men's & boys' clothing & furnishings		123.2	118.9	123.5	116.5	-	110.1	105.3	110.9	103.7
562	Women's ready-to-wear stores		263.4	256.4	267.6	258.7	-	237.2	229.8	241.6	232.7
565	Family clothing stores		106.4	104.7	114.5	106.6	-	99.0	97.4	107.3	99.5
566	Shoe stores		134.3	133.9	139.5	136.5	-	118.9	118.4	122.8	119.7
57	FURNITURE AND HOME FURNISHINGS STORES		444.7	440.6	442.7	436.3	-	388.9	385.5	388.7	382.9
571	Furniture and home furnishings		285.3	281.9	284.2	279.2	-	248.3	245.5	248.9	244.4
58	EATING AND DRINKING PLACES		2,475.4	2,493.9	2,316.2	2,369.3	-	2,314.3	2,333.5	2,165.1	2,215.5
52,55,59	OTHER RETAIL TRADE		3,342.5	3,334.9	3,298.5	3,259.8	-	2,914.0	2,905.0	2,880.9	2,842.6
52	Building materials and farm equipment		552.0	553.7	540.8	538.9	-	475.0	475.6	465.4	462.8
55	Automotive dealers & service stations		1,598.5	1,606.1	1,566.5	1,556.1	-	-	-	-	-
551,2	Motor vehicle dealers		775.2	773.8	757.4	756.0	-	656.3	655.0	640.6	639.8
553,9	Other automotive & accessory dealers		225.5	224.3	220.8	216.3	-	193.9	193.3	191.0	186.3
554	Gasoline service stations		597.8	608.0	588.3	583.8	-	-	-	-	-
59	Miscellaneous retail stores		1,192.0	1,175.1	1,191.2	1,164.8	-	-	-	-	-
591	Drug stores and proprietary stores		432.9	429.6	436.9	434.3	-	387.0	383.8	394.5	391.6
594	Book and stationery stores		62.8	61.6	61.5	61.1	-	54.2	53.0	53.2	52.7
596	Farm and garden supply stores		107.1	106.9	104.2	104.7	-	-	-	-	-
598	Fuel and ice dealers		107.4	104.4	111.6	105.7	-	93.2	90.6	97.0	91.3
FINANCE, INSURANCE, AND REAL ESTATE⁴											
		3,597	3,590	3,597	3,439	3,430	2,850	2,849	2,857	2,735	2,725
60	Banking	-	1,000.2	996.7	934.3	929.1	-	825.9	827.1	775.4	771.3
61	Credit agencies other than banks	-	363.4	362.4	352.6	352.0	-	284.5	283.4	275.1	275.1
612	Savings and loan associations	-	105.8	105.4	100.4	100.5	-	84.4	83.9	79.8	80.2
614	Personal credit institutions	-	192.5	192.2	190.3	189.8	-	-	-	-	-
62	Security, commodity brokers & services	-	208.5	212.3	205.3	202.7	-	182.6	186.4	182.3	178.5
63	Insurance carriers	-	1,031.7	1,031.5	995.8	993.6	-	723.6	718.8	697.4	694.9
631	Life insurance	-	533.7	534.4	518.2	518.0	-	316.0	316.2	304.1	303.0
632	Accident and health insurance	-	88.0	87.2	83.5	82.8	-	75.7	75.1	72.2	71.6
633	Fire, marine, and casualty insurance	-	364.3	364.0	349.5	348.4	-	293.6	289.1	284.0	283.1
64	Insurance agents, brokers, and service	-	273.8	273.9	259.8	257.4	-	-	-	-	-
65	Real estate	-	632.8	638.6	613.3	617.5	-	-	-	-	-
655	Subdividers and developers	-	84.2	85.6	77.3	78.9	-	-	-	-	-
656	Operative builders	-	44.8	46.1	43.8	44.6	-	-	-	-	-
66,67	Other finance, insurance, & real estate	-	79.8	81.4	78.3	77.9	-	-	-	-	-
SERVICES											
		11,211	11,246	11,183	10,755	10,732					
70	Hotels and other lodging places	690.6	716.6	743.5	678.7	701.1	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	657.2	671.7	624.7	639.9	-	608.7	622.4	579.8	593.5
72	Personal services	1,027.1	1,028.6	1,021.8	1,034.6	1,030.4	-	-	-	-	-
721	Laundries and dry cleaning plants	-	532.3	533.4	542.5	545.9	-	484.3	485.0	493.4	496.5
722	Photographic studios	-	45.2	42.4	44.0	42.8	-	38.8	37.0	38.7	38.3
73	Miscellaneous business services	-	1,515.2	1,515.6	1,428.7	1,425.9	-	-	-	-	-
731	Advertising	-	119.0	117.7	117.7	117.7	-	-	-	-	-
732	Credit reporting and collection	-	75.2	74.1	73.5	73.1	-	-	-	-	-
734	Services to buildings	-	264.3	265.5	243.7	241.4	-	-	-	-	-
76	Miscellaneous repair services	-	186.8	186.6	174.9	175.3	-	-	-	-	-
78	Motion pictures	-	210.4	214.0	201.6	200.2	-	-	-	-	-
781	Motion picture filming & distributing	-	51.2	50.8	56.9	56.0	-	34.2	33.8	35.8	35.3
782,3	Motion picture theaters and services	-	159.2	163.2	144.7	144.2	-	-	-	-	-
80	Medical and other health services	2,941.9	2,912.5	2,893.8	2,720.6	2,699.5	-	-	-	-	-
806	Hospitals	-	1,794.6	1,785.3	1,696.5	1,685.1	-	-	-	-	-
81	Legal services	-	225.8	225.0	212.2	210.6	-	-	-	-	-
82	Educational services	1,166.0	1,153.7	1,053.4	1,145.4	1,120.9	-	-	-	-	-
821	Elementary and secondary schools	-	389.0	364.4	385.3	378.8	-	-	-	-	-
822	Colleges and universities	-	671.5	600.0	666.2	651.0	-	-	-	-	-
89	Miscellaneous services	-	618.9	619.8	581.6	578.9	-	-	-	-	-
891	Engineering & architectural services	-	299.9	301.4	289.7	288.3	-	-	-	-	-
892	Nonprofit research agencies	-	93.3	94.2	93.7	93.2	-	-	-	-	-

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

ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
	GOVERNMENT	12,505	12,388	12,080	12,109	12,037					
91	FEDERAL GOVERNMENT⁵	2,712	2,715	2,733	2,703	2,694					
	Executive	-	2,679.6	2,697.3	2,667.6	2,658.9	-	-	-	-	-
	Department of Defense	-	1,102.8	1,111.6	1,093.1	1,094.1	-	-	-	-	-
	Post Office Department	-	725.5	726.5	721.8	711.5	-	-	-	-	-
	Other agencies	-	851.3	859.2	852.7	853.3	-	-	-	-	-
	Legislative	-	29.0	29.2	28.2	28.1	-	-	-	-	-
	Judicial	-	6.7	6.7	6.7	6.7	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT	9,793	9,673	9,347	9,406	9,343					
92	State government	-	2,595.2	2,487.1	2,555.6	2,526.8	-	-	-	-	-
	State education	-	1,095.6	970.4	1,065.4	1,037.0	-	-	-	-	-
	Other State government	-	1,499.6	1,516.7	1,490.2	1,489.8	-	-	-	-	-
93	Local government	-	7,077.7	6,859.8	6,850.0	6,815.8	-	-	-	-	-
	Local education	-	4,035.5	3,789.8	3,913.4	3,897.8	-	-	-	-	-
	Other local government	-	3,042.2	3,070.0	2,936.6	2,918.0	-	-	-	-	-

¹Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities; and services. Transportation and public utilities, and services are included in Total Private but are not shown separately in this table.

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

³Data for nonsupervisory workers exclude messengers.

⁴Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

⁵Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies. Beginning January 1969, federal employment includes approximately 39,000 civilian technicians of the National Guard who were transferred from State to federal status in accordance with Public Law 90-486.

*Not available.

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

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

8

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

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.3	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	45.9	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.2	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.2	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.4	71.3	101.8	59.3
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.2	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.3	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.0	86.0	98.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	98.8	83.9
1956.....	99.8	106.8	103.9	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	100.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.7	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.4	103.0	100.9	103.9
1960.....	103.3	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.7	106.5	102.5	108.0
1961.....	102.9	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	111.2	109.5	102.9	112.1
1962.....	105.9	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	116.4	113.3	105.7	116.3
1963.....	108.0	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	120.7	117.6	106.5	121.9
1964.....	111.1	82.3	105.6	104.1	96.9	111.3	110.1	111.8	116.9	126.3	122.3	106.1	128.7
1965.....	115.8	82.1	110.4	108.8	99.0	116.4	114.4	117.2	119.5	131.8	128.4	107.4	136.6
1966.....	121.8	81.4	113.4	115.8	101.8	121.3	118.7	122.2	122.5	138.5	137.5	115.8	146.1
1967.....	125.4	79.6	111.1	117.2	104.5	124.6	121.7	125.6	127.5	146.5	145.3	122.8	154.1
1968.....	129.2	79.2	113.2	119.1	105.8	128.9	124.9	130.4	133.7	153.6	151.0	123.6	161.7
1968: November..	130.7	80.8	114.8	119.9	106.8	130.9	126.7	132.4	136.5	156.4	152.3	122.4	164.1
1968: December..	131.1	80.9	115.3	120.2	107.0	130.7	127.0	132.0	136.9	157.2	153.4	123.0	165.3
1969: January..	131.8	81.3	115.6	120.5	106.8	132.0	127.8	133.5	137.9	158.1	154.0	124.7	165.5
1969: February..	132.3	81.6	116.6	120.9	107.3	132.5	128.2	134.0	138.4	159.1	154.5	125.0	166.1
1969: March....	132.7	81.3	116.9	121.2	107.9	132.8	128.7	134.4	138.9	160.0	154.6	124.6	166.4
1969: April....	132.9	81.0	116.5	121.2	108.9	133.1	129.0	134.5	139.6	160.2	154.8	124.6	166.7
1969: May.....	133.3	80.8	118.0	121.2	109.0	133.8	129.8	135.2	140.0	160.5	155.6	124.4	167.8
1969: June....	133.8	80.8	120.1	121.7	109.6	134.3	130.3	135.7	140.6	160.5	156.2	126.0	168.1
1969: July....	133.7	81.7	118.9	121.5	110.0	134.3	130.3	135.8	141.0	160.5	155.9	125.4	167.9
1969: August....	134.2	81.9	118.1	122.5	110.0	134.6	130.4	136.1	141.5	161.3	156.0	124.3	168.4
1969: September..	134.0	81.9	118.5	121.7	109.9	134.7	130.8	136.2	141.7	161.7	155.6	124.2	168.0
1969: October..	134.5	82.1	118.3	121.4	110.1	135.8	131.5	137.3	142.1	162.9	156.7	123.3	169.9
1969: November..	134.5	81.8	119.6	120.4	110.2	136.1	131.5	137.7	142.7	163.1	157.4	123.2	170.8

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

Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	(In thousands)												
	1969											1968	
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
TOTAL	70,621	70,642	70,390	70,500	70,247	70,300	70,013	69,789	69,710	69,487	69,199	68,875	68,664
MINING	630	632	631	631	629	622	622	624	626	628	626	623	622
CONTRACT CONSTRUCTION	3,452	3,415	3,420	3,410	3,434	3,466	3,407	3,363	3,374	3,366	3,338	3,330	3,313
MANUFACTURING	19,982	20,156	20,197	20,334	20,164	20,198	20,118	20,111	20,122	20,061	19,999	19,958	19,897
DURABLE GOODS	11,712	11,937	11,965	12,081	11,912	11,931	11,874	11,868	11,881	11,839	11,819	11,744	11,700
Ordnance and accessories	306	307	314	325	332	337	342	343	346	346	349	351	347
Lumber and wood products	584	588	595	598	600	607	610	604	608	607	606	603	600
Furniture and fixtures	483	492	492	493	491	496	496	496	494	494	490	485	484
Stone, clay, and glass products	664	663	660	659	658	662	656	658	664	666	664	658	652
Primary metal industries	1,377	1,383	1,378	1,361	1,348	1,347	1,333	1,326	1,332	1,330	1,321	1,313	1,300
Fabricated metal products	1,450	1,457	1,468	1,465	1,456	1,456	1,453	1,450	1,451	1,444	1,437	1,426	1,420
Machinery, except electrical	1,994	2,029	2,020	2,005	2,007	2,010	1,999	1,999	1,993	1,997	1,981	1,971	1,974
Electrical equipment	1,952	2,076	2,075	2,076	2,070	2,063	2,058	2,046	2,036	2,026	2,013	1,996	1,988
Transportation equipment	1,995	2,032	2,054	2,183	2,032	2,035	2,009	2,029	2,042	2,020	2,045	2,031	2,031
Instruments and related products	464	469	469	473	471	473	474	472	470	468	466	465	465
Miscellaneous manufacturing	443	441	440	443	447	445	444	445	445	441	447	445	439
NONDURABLE GOODS	8,270	8,219	8,232	8,253	8,252	8,267	8,244	8,243	8,241	8,222	8,180	8,214	8,197
Food and kindred products	1,816	1,771	1,791	1,797	1,787	1,789	1,793	1,795	1,793	1,801	1,792	1,789	1,781
Tobacco manufactures	78	78	80	83	81	81	82	81	83	82	84	81	82
Textile mill products	984	978	979	979	988	990	987	991	995	999	1,000	998	997
Apparel and other textile products	1,407	1,411	1,412	1,414	1,423	1,429	1,426	1,425	1,417	1,409	1,424	1,412	1,412
Paper and allied products	721	719	718	718	716	717	714	710	714	713	709	706	704
Printing and publishing	1,097	1,099	1,093	1,089	1,084	1,083	1,075	1,078	1,078	1,077	1,076	1,074	1,072
Chemicals and allied products	1,056	1,051	1,051	1,052	1,054	1,055	1,046	1,044	1,045	1,044	1,040	1,040	1,038
Petroleum and coal products	193	191	189	190	191	191	190	190	187	170	128	189	188
Rubber and plastics products, nec	580	582	583	586	585	584	581	579	579	577	573	571	567
Leather and leather products	338	339	336	345	343	348	350	350	350	350	354	354	356
TRANSPORTATION AND PUBLIC UTILITIES	4,490	4,486	4,480	4,484	4,483	4,467	4,444	4,439	4,399	4,373	4,353	4,360	4,352
WHOLESALE AND RETAIL TRADE	14,863	14,827	14,716	14,702	14,671	14,665	14,609	14,533	14,508	14,468	14,412	14,271	14,291
WHOLESALE TRADE	3,809	3,808	3,787	3,776	3,773	3,774	3,758	3,737	3,726	3,714	3,701	3,678	3,669
RETAIL TRADE	11,054	11,019	10,929	10,926	10,898	10,891	10,851	10,796	10,782	10,754	10,711	10,593	10,622
FINANCE, INSURANCE, AND REAL ESTATE	3,611	3,594	3,586	3,581	3,568	3,557	3,541	3,531	3,515	3,502	3,490	3,463	3,453
SERVICES	11,245	11,235	11,150	11,120	11,067	11,066	11,065	11,044	11,034	10,967	10,900	10,838	10,787
Hotels and other lodging places	736	738	721	704	706	724	730	741	745	733	733	729	724
Personal services	1,023	1,026	1,026	1,026	1,030	1,026	1,025	1,024	1,026	1,027	1,028	1,032	1,031
Medical and other health services	2,942	2,915	2,897	2,874	2,861	2,850	2,831	2,813	2,795	2,778	2,762	2,737	2,721
Educational services	1,109	1,111	1,092	1,094	1,099	1,102	1,120	1,119	1,117	1,112	1,090	1,096	1,090
GOVERNMENT	12,348	12,297	12,210	12,238	12,231	12,259	12,207	12,144	12,132	12,122	12,081	12,032	11,949
FEDERAL	2,728	2,729	2,749	2,752	2,777	2,790	2,754	2,758	2,759	2,767	2,760	2,724	2,709
STATE AND LOCAL	9,620	9,568	9,461	9,486	9,454	9,469	9,453	9,386	9,373	9,355	9,321	9,308	9,240

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

ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

B-6: Production workers in industrial and construction activities¹
seasonally adjusted

Major industry group	(In thousands)												
	1969										1968		
	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.
TOTAL	17,950	18,093	18,137	18,267	18,142	18,203	18,092	18,054	18,101	18,063	17,993	17,928	17,859
MINING	481	483	484	483	481	473	474	476	477	480	477	475	474
CONTRACT CONSTRUCTION	2,913	2,880	2,881	2,862	2,889	2,919	2,878	2,839	2,853	2,852	2,832	2,818	2,791
MANUFACTURING	14,556	14,730	14,772	14,922	14,772	14,811	14,740	14,739	14,771	14,731	14,684	14,635	14,594
DURABLE GOODS	8,453	8,677	8,701	8,823	8,668	8,687	8,630	8,634	8,654	8,628	8,606	8,536	8,505
Ordnance and accessories	168	168	173	181	187	188	192	193	197	195	196	195	195
Lumber and wood products	504	509	516	518	520	528	530	525	528	527	528	524	520
Furniture and fixtures	400	408	408	410	408	411	412	413	410	410	407	402	400
Stone, clay, and glass products	531	531	529	527	526	532	526	529	535	537	534	530	524
Primary metal industries	1,102	1,111	1,106	1,087	1,077	1,076	1,062	1,057	1,063	1,058	1,051	1,044	1,031
Fabricated metal products	1,109	1,117	1,127	1,128	1,122	1,122	1,121	1,118	1,121	1,115	1,109	1,100	1,095
Machinery, except electrical	1,355	1,387	1,380	1,366	1,369	1,377	1,366	1,370	1,363	1,370	1,359	1,346	1,354
Electrical equipment and supplies	1,267	1,389	1,383	1,387	1,388	1,379	1,381	1,369	1,364	1,355	1,344	1,330	1,324
Transportation equipment	1,392	1,425	1,447	1,582	1,430	1,434	1,399	1,420	1,432	1,426	1,439	1,427	1,430
Instruments and related products	280	288	289	292	291	292	294	292	292	289	288	287	287
Miscellaneous manufacturing industries	345	344	343	345	350	348	347	348	349	346	351	351	345
NONDURABLE GOODS	6,103	6,053	6,071	6,099	6,104	6,124	6,110	6,105	6,117	6,103	6,078	6,099	6,089
Food and kindred products	1,225	1,180	1,199	1,204	1,197	1,201	1,206	1,205	1,208	1,215	1,205	1,202	1,194
Tobacco manufactures	65	65	67	70	68	69	69	68	69	69	71	69	70
Textile mill products	867	861	862	863	873	873	871	875	880	883	885	883	883
Apparel and other textile products	1,236	1,238	1,239	1,242	1,248	1,255	1,255	1,252	1,246	1,238	1,254	1,243	1,245
Paper and allied products	557	556	557	557	555	556	554	549	555	555	550	549	546
Printing and publishing	681	682	678	676	675	674	669	672	673	672	673	671	670
Chemicals and allied products	617	613	614	619	620	623	617	617	620	620	617	617	616
Petroleum and coal products	119	118	117	118	119	119	118	118	116	101	73	119	119
Rubber and plastics products, nec	447	450	451	454	455	455	451	449	449	448	444	441	439
Leather and leather products	289	290	287	296	294	299	300	300	301	302	306	305	307

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

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
1	ALABAMA	989.6	990.6	969.4	8.1	8.0	8.0	56.4	57.7	54.7	316.5	316.6	309.0
2	Birmingham	255.9	254.8	248.8	5.6	5.6	5.5	16.0	16.0	15.6	71.0	70.9	68.0
3	Huntsville	76.0	76.7	76.4	(1)	(1)	(1)	3.1	3.2	3.2	12.0	12.0	11.8
4	Mobile	105.1	104.7	102.7	(1)	(1)	(1)	6.8	6.7	6.7	25.2	24.9	23.8
5	Montgomery	68.5	68.6	66.0	(1)	(1)	(1)	5.4	5.3	5.1	10.5	10.6	10.0
6	Tuscaloosa	37.0	36.9	36.0	(1)	(1)	(1)	2.6	2.7	2.4	10.2	10.2	10.0
7	ALASKA	88.1	91.3	82.6	3.4	3.6	2.8	9.3	10.2	7.2	6.2	6.7	6.3
8	ARIZONA	523.0	516.7	485.5	18.3	18.4	17.1	33.7	34.0	28.8	95.1	94.7	88.4
9	Phoenix	313.6	308.3	289.3	.2	.2	.1	18.9	19.0	16.1	75.9	75.5	70.3
10	Tucson	99.3	98.2	91.4	5.4	5.5	5.1	9.6	9.6	7.7	8.6	8.6	7.5
11	ARKANSAS	536.1	536.8	518.4	4.8	4.8	4.9	35.6	37.2	32.4	166.8	165.9	161.3
12	Fayetteville	25.4	25.6	24.7	(1)	(1)	(1)	1.8	1.9	1.9	7.8	7.9	7.3
13	Fort Smith	43.3	43.6	42.8	.5	.5	.5	1.6	1.8	2.2	16.5	16.4	15.7
14	Little Rock-North Little Rock	120.8	121.2	117.4	(1)	(1)	(1)	8.8	9.1	8.4	27.4	27.5	25.3
15	Pine Bluff	24.9	24.7	24.7	(1)	(1)	(1)	1.4	1.3	1.5	5.8	5.9	5.8
16	CALIFORNIA	6,980.7	6,993.6	6,753.1	32.1	32.4	32.2	318.6	311.3	298.5	1,648.1	1,694.5	1,661.1
17	Anaheim-Santa Ana-Garden Grove	408.9	406.6	389.4	2.0	2.0	2.0	22.4	21.9	20.0	126.7	129.2	130.1
18	Bakersfield	92.2	91.5	89.4	7.1	7.3	7.1	6.0	5.9	5.7	8.7	8.6	8.2
19	Fresno	119.5	120.5	116.9	.7	.7	.7	5.4	5.4	5.0	19.4	21.0	19.5
20	Los Angeles-Long Beach ²	2,917.1	2,905.0	2,835.9	11.9	12.0	12.1	108.4	104.1	104.4	878.8	881.6	883.1
21	Modesto-Turlock	56.3	60.5	57.0	.1	.1	.1	3.2	3.3	3.1	15.0	20.4	17.4
22	Oxnard-Ventura	90.6	91.0	87.5	1.8	1.9	1.9	4.3	4.1	3.4	15.2	15.6	15.5
23	Sacramento	260.4	263.0	257.1	.3	.3	.3	11.6	11.7	11.4	23.7	27.8	26.7
24	Salinas-Monterey	63.4	63.6	61.6	.4	.4	.4	2.7	2.8	2.7	8.1	7.9	7.4
25	San Bernardino-Riverside-Ontario	290.6	287.2	275.4	2.2	2.2	2.2	14.3	14.0	13.0	54.4	54.7	52.1
26	San Diego	378.5	377.6	351.3	.5	.5	.5	21.7	21.2	18.5	69.9	69.6	66.3
27	San Francisco-Oakland ²	1,275.8	1,280.8	1,239.2	1.9	1.8	1.9	65.9	65.6	63.2	211.1	218.4	213.1
28	San Jose ²	370.9	378.7	360.7	.1	.1	.1	18.2	18.6	18.1	126.4	137.3	127.2
29	Santa Barbara	81.6	80.1	76.7	1.0	1.0	1.0	4.7	4.5	4.0	11.1	10.5	10.0
30	Santa Rosa ²	50.3	50.6	47.3	.4	.4	.3	3.1	2.9	2.4	7.6	7.6	7.8
31	Stockton	89.5	95.6	89.7	.1	.1	.1	3.3	3.5	3.3	17.2	23.7	19.3
32	Vallejo-Napa ²	68.3	68.4	67.9	.2	.2	.2	2.6	2.7	2.6	7.6	7.8	8.1
33	COLORADO	(*)	(*)	697.7	(*)	(*)	12.9	(*)	(*)	37.7	(*)	(*)	110.8
34	Denver	(*)	(*)	442.5	(*)	(*)	4.1	(*)	(*)	25.6	(*)	(*)	78.2
35	CONNECTICUT	1,179.3	1,173.4	1,176.8	(3)	(3)	(3)	57.6	57.5	55.3	464.5	465.3	477.7
36	Bridgeport	150.0	150.6	150.5	(3)	(3)	(3)	6.0	6.1	6.2	73.8	74.8	76.5
37	Hartford	317.0	317.4	312.1	(3)	(3)	(3)	15.6	15.9	15.1	104.6	106.2	110.0
38	New Britain	47.0	46.7	46.8	(3)	(3)	(3)	2.0	2.1	2.2	24.6	24.5	25.2
39	New Haven	151.8	151.1	152.7	(3)	(3)	(3)	7.8	7.9	7.5	42.1	42.3	46.2
40	Stamford	79.6	79.5	76.7	(3)	(3)	(3)	4.2	4.1	4.2	27.4	27.4	26.6
41	Waterbury	80.1	80.1	79.1	(3)	(3)	(3)	3.7	3.9	3.7	39.5	39.5	41.0
42	DELAWARE	211.4	211.2	207.1	(1)	(1)	(1)	15.6	15.3	16.1	74.3	75.0	73.3
43	Wilmington	184.5	184.3	182.9	(1)	(1)	(1)	12.2	12.0	12.5	70.0	70.5	68.7
44	DISTRICT OF COLUMBIA ⁴	(*)	(*)	674.8	(*)	(*)	(1)	(*)	(*)	19.6	(*)	(*)	20.6
45	Washington SMSA	(*)	(*)	1,081.5	(*)	(*)	(1)	(*)	(*)	61.7	(*)	(*)	43.8
46	FLORIDA	(*)	1,997.1	1,939.9	(*)	8.4	8.3	(*)	169.9	148.4	(*)	304.1	305.7
47	Fort Lauderdale-Hollywood	153.2	150.8	138.7	(1)	(1)	(1)	22.0	21.7	18.7	20.0	19.8	18.9
48	Jacksonville	187.5	187.3	183.2	(1)	(1)	(1)	11.3	11.2	11.0	24.7	24.6	23.4
49	Miami	463.4	461.2	445.5	(1)	(1)	(1)	29.0	28.7	28.8	74.7	73.0	72.3
50	Orlando	132.4	130.9	123.1	(1)	(1)	(1)	12.9	12.7	10.8	21.3	21.3	21.5
51	Pensacola	66.8	66.9	64.4	(1)	(1)	(1)	5.4	5.5	5.2	14.2	14.3	14.0
52	Tampa-St. Petersburg	289.1	288.2	277.5	(1)	(1)	(1)	21.6	22.0	20.9	52.9	52.9	50.7
53	West Palm Beach	101.4	99.5	91.8	(1)	(1)	(1)	10.5	10.1	8.7	19.7	19.3	17.3
54	GEORGIA	1,506.8	1,501.4	1,455.2	6.9	7.0	6.5	81.0	81.8	79.4	471.3	470.5	456.6
55	Atlanta	591.6	588.0	562.7	(1)	(1)	(1)	35.5	36.1	37.1	129.4	127.8	120.0

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	
55.1	55.5	54.0	185.4	185.0	181.1	40.5	40.8	40.0	129.3	130.2	126.7	198.3	196.8	195.9	1
19.4	19.5	18.6	57.5	57.2	57.3	17.2	17.2	16.9	35.3	35.0	33.8	33.9	33.4	33.1	2
1.7	1.7	1.7	11.3	11.4	11.3	1.8	1.8	1.9	16.7	16.9	17.6	29.4	29.7	28.9	3
9.7	9.9	9.5	25.1	25.0	24.9	4.7	4.7	4.6	16.8	16.8	15.8	16.8	16.7	17.4	4
4.5	4.5	4.5	15.9	15.8	15.3	4.3	4.4	4.1	10.2	10.2	10.0	17.7	17.8	17.0	5
1.5	1.5	1.5	5.8	5.8	5.8	1.2	1.2	1.2	3.3	3.3	3.3	12.4	12.2	11.8	6
8.3	8.7	8.2	14.2	14.4	13.3	2.8	2.8	2.5	10.7	11.2	9.6	33.2	33.7	32.7	7
28.7	28.6	27.2	119.1	116.9	108.8	27.6	27.4	24.8	86.2	84.7	78.6	114.3	112.0	111.8	8
16.6	16.5	15.9	77.0	74.6	69.7	20.6	20.4	18.2	50.3	49.0	46.2	54.1	53.1	52.8	9
5.6	5.6	5.3	21.9	21.4	19.9	4.1	4.1	3.7	18.0	17.9	17.0	26.1	25.5	25.2	10
32.3	31.8	31.5	103.7	105.1	102.4	20.9	21.1	20.1	72.0	73.2	68.6	100.0	97.7	97.2	11
2.0	2.0	1.9	4.4	4.4	4.5	.6	.6	.6	3.1	3.0	3.0	5.7	5.8	5.5	12
2.5	2.6	2.5	8.7	8.7	8.6	1.4	1.4	1.4	6.4	6.5	6.2	5.7	5.7	5.7	13
9.5	9.5	9.3	25.2	25.3	25.6	8.7	8.7	8.4	17.8	17.8	17.5	23.4	23.3	22.9	14
3.3	3.2	3.2	4.4	4.5	4.6	.9	.9	.9	3.2	3.2	3.1	5.9	5.7	5.6	15
470.1	472.6	454.3	1,513.9	1,513.0	1,450.9	366.7	366.0	348.8	1,212.4	1,214.7	1,153.6	1,418.8	1,389.1	1,353.7	16
13.2	13.3	12.1	94.8	93.5	86.0	19.4	19.3	17.8	65.0	66.3	60.2	65.4	61.1	61.2	17
6.4	6.4	6.2	20.0	20.2	19.4	3.5	3.4	3.2	15.0	14.1	14.4	25.5	25.6	25.2	18
7.9	8.1	8.3	31.7	32.4	30.8	5.4	5.3	5.3	21.8	21.1	20.5	27.2	26.5	26.8	19
178.1	178.3	172.4	634.4	631.0	604.8	164.3	164.4	157.0	530.9	531.2	503.0	410.3	402.4	399.1	20
3.1	3.1	3.0	12.0	11.8	11.9	1.5	1.5	1.3	10.1	9.8	9.4	11.3	10.5	10.8	21
4.0	4.2	3.8	19.4	19.4	18.3	3.1	3.1	3.0	14.2	14.5	13.2	28.6	28.2	28.4	22
18.3	18.5	18.3	54.2	53.9	51.8	10.4	10.3	10.3	36.3	36.6	34.8	105.6	103.9	103.5	23
4.1	4.1	4.1	16.6	16.9	16.8	2.4	2.4	2.4	12.0	12.2	11.2	17.1	16.9	16.6	24
17.4	17.5	17.4	64.2	64.1	60.0	9.9	9.8	9.6	53.5	52.5	49.5	74.7	72.4	71.6	25
19.8	19.8	19.0	82.7	83.0	74.1	17.6	17.5	16.0	69.8	70.6	64.7	96.5	95.4	92.2	26
137.5	137.6	133.9	270.3	271.4	258.5	96.6	96.6	92.1	219.5	219.5	208.5	273.2	269.9	268.0	27
16.1	16.3	15.1	68.3	67.5	64.9	13.0	13.1	12.4	71.9	71.5	68.2	56.9	54.3	54.7	28
3.6	3.6	3.4	16.7	16.8	16.7	3.1	3.1	2.8	19.8	19.7	18.6	21.6	20.9	20.2	29
2.8	2.9	2.6	11.8	12.3	11.3	3.2	3.2	2.9	8.6	8.9	8.0	12.8	12.4	12.0	30
6.6	7.0	7.1	20.8	20.0	19.8	3.0	3.0	2.9	14.5	14.3	13.1	24.1	24.1	24.1	31
3.7	3.8	3.8	11.5	11.8	11.3	1.9	1.9	1.8	10.3	9.9	9.7	30.5	30.3	30.4	32
(*)	(*)	49.4	(*)	(*)	164.4	(*)	(*)	35.7	(*)	(*)	116.8	(*)	(*)	170.0	33
(*)	(*)	34.4	(*)	(*)	111.8	(*)	(*)	27.0	(*)	(*)	79.1	(*)	(*)	82.3	34
53.3	52.8	51.3	215.8	212.0	209.9	69.4	69.1	70.1	169.4	169.7	167.3	149.3	146.9	145.2	35
6.3	6.3	6.0	27.0	26.6	26.2	4.5	4.5	4.5	19.2	19.3	18.2	13.1	13.0	12.9	36
11.6	11.5	11.3	59.0	57.5	57.0	40.6	40.7	40.3	45.5	45.6	40.2	40.0	40.0	38.3	37
1.8	1.8	1.7	7.6	7.5	6.9	1.2	1.2	1.1	5.4	5.4	5.2	4.5	4.3	4.5	38
13.6	13.4	13.9	30.7	30.0	29.5	8.0	8.0	7.6	31.3	31.1	30.1	18.3	18.3	18.0	39
3.2	3.0	2.9	17.2	17.2	16.4	4.1	4.0	3.9	16.1	16.3	15.5	7.5	7.6	7.2	40
3.2	3.2	3.1	13.5	13.5	11.5	2.0	2.0	1.9	10.0	10.0	9.8	8.2	8.1	8.1	41
10.8	10.8	10.8	42.8	42.6	40.8	8.5	8.6	8.4	28.7	28.7	28.1	30.7	30.2	29.6	42
9.5	9.6	9.8	34.7	34.6	34.3	7.6	7.7	7.5	24.6	24.5	25.1	25.9	25.4	25.0	43
(*)	(*)	30.5	(*)	(*)	88.1	(*)	(*)	31.1	(*)	(*)	129.4	(*)	(*)	355.5	44
(*)	(*)	58.7	(*)	(*)	216.1	(*)	(*)	60.8	(*)	(*)	226.7	(*)	(*)	413.7	45
(*)	147.1	138.2	(*)	508.7	501.0	(*)	120.3	112.2	(*)	348.5	340.7	(*)	390.1	385.4	46
7.2	7.0	6.4	40.9	39.8	38.0	10.3	10.2	9.0	29.0	28.6	26.1	23.8	23.7	21.6	47
19.3	19.4	19.2	52.4	52.2	50.9	17.9	17.8	16.7	27.8	27.9	27.8	34.1	34.2	34.2	48
52.2	52.0	50.1	123.8	123.5	116.8	29.8	29.7	28.6	97.6	98.1	94.8	56.3	56.2	54.1	49
8.2	8.2	7.1	38.0	36.9	34.8	9.0	8.9	8.2	21.8	21.8	20.6	21.2	21.1	20.1	50
3.4	3.4	3.4	14.4	14.2	13.3	2.4	2.5	2.4	8.8	8.7	8.0	18.2	18.3	18.1	51
20.0	20.1	18.7	83.8	82.7	80.7	16.1	16.1	15.6	51.4	51.2	48.9	43.3	43.2	42.0	52
4.9	4.8	4.4	25.7	25.7	23.7	6.6	6.3	5.9	17.9	17.3	16.5	16.1	16.0	15.3	53
106.8	106.8	99.9	314.9	313.2	302.4	71.8	71.8	68.8	171.7	171.0	169.2	282.4	279.3	272.4	54
59.9	59.7	55.9	157.8	156.4	149.1	40.6	40.5	38.9	83.0	83.1	81.1	85.4	84.4	80.6	55

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
GEORGIA (continued)													
1	Augusta	89.7	89.2	88.9	(1)	(1)	(1)	6.9	6.9	6.7	30.9	31.0	30.8
2	Columbus	68.7	69.1	68.7	(1)	(1)	(1)	4.1	4.2	4.2	18.8	18.9	19.3
3	Macon	78.9	78.3	76.0	(1)	(1)	(1)	4.8	4.9	3.7	15.9	15.7	15.3
4	Savannah	66.9	67.3	63.9	(1)	(1)	(1)	4.0	4.0	3.8	17.7	17.9	17.3
HAWAII													
5	Honolulu	270.6	271.6	254.7	(1)	(1)	(1)	21.6	21.6	19.4	22.3	23.6	21.4
6	Honolulu	229.8	230.5	215.8	(1)	(1)	(1)	18.9	19.0	16.8	15.5	16.6	15.0
IDAHO													
7	Boise	203.6	205.8	198.1	3.5	3.5	3.5	10.8	11.4	10.6	41.2	40.5	40.8
8	Boise	38.7	39.0	36.8	(1)	(1)	(1)	2.5	2.6	2.2	4.5	4.4	4.4
ILLINOIS													
9	Chicago ⁵	(*)	4,434.5	4,344.9	(*)	24.8	24.5	(*)	222.5	206.6	(*)	1,400.7	1,389.4
10	Chicago	(*)	3,038.4	2,995.9	(*)	5.0	5.2	(*)	137.2	131.8	(*)	973.4	972.4
11	Chicago-Northwestern Indiana	(*)	(*)	3,204.6	(*)	(*)	5.3	(*)	(*)	145.6	(*)	(*)	1,070.4
12	Davenport-Rock Island-Moline	(*)	135.0	135.0	(*)	(3)	(3)	(*)	7.7	7.6	(*)	43.9	46.4
13	Peoria	(*)	133.0	130.0	(*)	(3)	(3)	(*)	9.1	8.6	(*)	48.9	48.5
14	Rockford	(*)	113.8	111.4	(*)	(3)	(3)	(*)	5.5	5.2	(*)	57.6	57.8
INDIANA²													
15	Evansville	1,891.6	1,894.9	1,827.5	7.4	7.6	7.7	95.9	96.6	89.2	752.0	758.0	713.8
16	Fort Wayne	87.2	87.4	87.1	1.6	1.6	1.7	4.4	4.5	4.4	33.4	33.5	33.5
17	Gary-Hammond-East Chicago ⁵	118.5	118.8	112.5	(1)	(1)	(1)	5.6	5.9	4.9	46.1	46.1	43.8
18	Indianapolis	220.7	220.8	208.7	(1)	(1)	(1)	13.8	14.2	13.8	108.1	106.9	98.0
19	Muncie	425.6	426.3	420.7	(1)	(1)	(1)	20.8	21.0	19.6	138.3	139.0	137.7
20	South Bend	48.4	48.3	46.0	(1)	(1)	(1)	2.1	2.2	2.1	19.6	19.5	18.4
21	Terre Haute	95.4	95.3	96.9	(1)	(1)	(1)	4.1	4.1	4.0	34.7	34.9	36.5
22	Terre Haute	55.0	54.8	53.2	.9	.9	.8	2.8	2.8	2.3	15.1	14.9	14.2
IOWA													
23	Cedar Rapids	885.0	886.0	871.7	3.8	3.8	3.7	43.0	45.4	44.4	222.4	223.1	222.8
24	Des Moines	67.8	68.0	66.2	(1)	(1)	(1)	2.7	2.9	3.1	28.1	28.2	26.9
25	Dubuque	128.0	127.7	125.1	(1)	(1)	(1)	6.3	6.4	6.1	26.0	25.9	26.0
26	Sioux City	33.9	34.0	32.4	(1)	(1)	(1)	1.5	1.6	1.5	13.9	13.8	13.5
27	Waterloo	41.7	41.6	41.9	(1)	(1)	(1)	2.2	2.4	2.1	9.4	9.1	9.9
28	Waterloo	51.3	50.7	50.9	(1)	(1)	(1)	3.1	3.2	2.7	19.4	19.4	20.5
KANSAS²													
29	Topeka ²	688.3	687.8	680.5	11.6	11.7	11.5	39.0	38.6	35.2	145.4	145.8	146.8
30	Wichita	61.9	61.3	59.6	.1	.1	.1	3.9	3.7	3.3	9.1	9.0	8.5
31	Wichita	(*)	146.5	148.4	(*)	2.4	2.6	(*)	7.8	7.1	(*)	49.0	52.3
KENTUCKY													
32	Lexington	901.8	900.3	891.0	26.4	26.7	27.1	56.8	59.2	59.2	248.2	245.8	243.9
33	Louisville	78.7	78.1	77.4	(1)	(1)	(1)	5.5	5.5	4.8	16.8	16.8	17.6
34	Louisville	336.7	334.3	304.0	(1)	(1)	(1)	19.1	19.1	16.9	123.0	121.9	104.3
LOUISIANA													
35	Baton Rouge	1,068.1	1,067.2	1,054.9	52.7	53.2	51.9	90.6	90.6	96.1	183.7	181.6	183.0
36	Lake Charles	101.3	101.6	105.3	.7	.7	.7	12.8	13.0	17.0	18.0	18.1	17.9
37	Monroe	41.1	40.8	40.8	1.2	1.2	1.1	5.2	5.5	6.0	9.1	8.9	8.5
38	New Orleans	38.9	38.6	38.4	.4	.4	.4	4.4	4.3	4.5	6.8	6.8	6.7
39	Shreveport	375.3	377.1	371.9	15.3	15.2	14.0	26.5	26.7	26.0	55.4	55.9	57.9
40	Shreveport	94.4	94.4	92.3	3.9	4.0	4.2	7.2	7.2	7.0	17.4	17.6	16.5
MAINE													
41	Lewiston-Auburn	330.2	330.6	329.3	(1)	(1)	(1)	16.2	16.4	17.0	116.2	115.9	118.9
42	Portland	28.2	28.3	29.3	(1)	(1)	(1)	1.4	1.4	1.4	12.9	13.0	14.3
43	Portland	64.0	64.2	63.2	(1)	(1)	(1)	3.5	3.5	3.6	15.5	15.5	15.4
MARYLAND⁴													
44	Baltimore	1,300.6	1,296.7	1,248.0	1.8	1.8	1.8	87.7	89.2	85.0	284.1	285.6	280.2
45	Baltimore	810.0	807.8	782.6	.3	.3	.3	46.3	46.9	44.0	208.6	209.0	204.9
MASSACHUSETTS													
46	Boston	2,257.7	2,261.5	2,223.0	(1)	(1)	(1)	100.8	101.4	104.0	683.8	681.2	687.5
47	Brockton	1,292.1	1,287.4	1,272.6	(1)	(1)	(1)	54.1	53.6	59.0	294.9	293.3	294.6
48	Fall River	50.2	50.3	49.1	-	-	-	2.0	2.1	2.0	17.0	17.1	16.9
49	Lawrence-Haverhill	48.2	47.9	47.0	(1)	(1)	(1)	(1)	(1)	(1)	23.5	23.3	22.9
50	Lowell	80.4	80.9	79.9	(1)	(1)	(1)	2.1	2.1	2.1	38.3	38.2	39.7
51	New Bedford	52.9	52.7	51.7	(1)	(1)	(1)	2.2	2.3	2.4	20.6	20.4	19.8
52	Springfield-Chicopee-Holyoke	55.3	55.7	55.0	(1)	(1)	(1)	1.9	2.0	1.9	26.9	26.9	27.1
53	Worcester	196.1	195.6	194.8	(1)	(1)	(1)	8.8	8.7	8.1	71.2	71.6	73.8
54	Worcester	130.6	129.9	129.3	(1)	(1)	(1)	5.6	5.6	5.8	47.7	47.6	48.0

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	
4.3	4.3	4.0	15.2	14.9	15.6	3.2	3.2	3.0	8.9	8.8	8.9	20.3	20.1	19.9	1
3.4	3.4	3.2	13.4	13.3	13.1	3.7	3.7	3.5	8.4	8.5	8.5	16.9	17.1	16.9	2
3.4	3.5	3.4	14.1	14.1	13.8	4.0	4.1	3.7	8.6	8.4	8.5	28.1	27.6	27.6	3
7.0	7.2	6.3	14.8	14.8	13.5	3.1	3.1	2.9	8.5	8.5	8.4	11.8	11.8	11.7	4
22.9	22.9	20.7	62.7	62.7	59.9	16.1	16.1	14.9	53.6	53.6	49.5	71.4	71.1	68.9	5
19.2	19.3	17.4	53.8	53.8	51.2	14.9	14.9	13.8	44.6	44.3	41.0	62.9	62.6	60.6	6
14.0	14.1	14.0	48.4	48.9	46.8	7.7	7.7	7.4	30.9	31.4	29.5	47.1	48.3	45.5	7
3.2	3.2	3.2	11.0	10.9	10.3	2.7	2.7	2.5	6.0	6.1	5.6	8.8	9.1	8.6	8
(*)	296.4	290.3	(*)	943.4	936.9	(*)	230.3	222.6	(*)	690.2	663.6	(*)	626.2	610.9	9
(*)	216.2	211.0	(*)	677.3	671.6	(*)	180.4	175.0	(*)	501.9	490.0	(*)	347.0	338.9	10
(*)	(*)	224.3	(*)	(*)	706.7	(*)	(*)	180.7	(*)	(*)	511.5	(*)	(*)	360.2	11
(*)	7.3	7.2	(*)	30.1	29.3	(*)	5.2	5.1	(*)	18.9	17.6	(*)	21.8	21.8	12
(*)	7.5	7.3	(*)	28.6	28.3	(*)	5.1	5.0	(*)	19.0	18.1	(*)	14.9	14.2	13
(*)	3.6	3.4	(*)	21.1	20.7	(*)	3.0	3.1	(*)	13.8	13.0	(*)	9.0	8.3	14
99.9	100.7	98.8	365.9	365.1	355.3	74.3	74.2	72.7	204.0	204.8	199.9	292.3	287.8	290.0	15
5.1	5.2	5.2	19.1	19.1	18.9	3.3	3.3	3.3	12.3	12.3	12.1	8.0	7.9	8.0	16
7.9	8.2	7.8	26.7	26.3	24.9	6.2	6.2	6.0	15.0	15.1	14.5	11.0	11.0	10.6	17
13.4	13.5	13.3	36.0	36.3	35.1	5.8	5.8	5.7	21.9	22.1	21.5	21.7	22.0	21.3	18
28.4	28.4	27.4	93.4	92.6	92.6	28.7	28.9	28.4	51.1	51.3	50.1	64.9	65.1	64.9	19
2.4	2.5	2.3	8.9	8.7	8.4	1.4	1.4	1.4	5.2	5.2	5.1	8.8	8.8	8.3	20
4.9	4.9	4.7	20.4	20.3	20.2	4.8	4.8	4.8	16.0	16.0	16.1	10.5	10.3	10.6	21
4.2	4.2	4.2	13.1	13.1	12.9	1.8	1.8	1.8	6.3	6.4	6.3	10.8	10.7	10.7	22
51.0	51.4	50.7	209.1	210.3	204.9	40.8	41.0	39.2	142.9	142.8	140.2	172.1	168.3	165.9	23
3.2	3.3	3.2	13.1	13.0	13.0	3.2	3.2	3.0	10.2	10.2	10.1	7.2	7.2	6.8	24
9.7	9.7	9.1	31.6	31.5	31.8	14.7	14.7	13.7	21.7	21.7	21.0	17.9	17.8	17.4	25
1.8	1.8	1.7	6.9	7.1	6.3	.9	.9	.9	6.3	6.2	6.2	2.6	2.5	2.3	26
3.3	3.3	3.3	11.5	11.7	11.7	2.0	2.1	1.9	7.9	7.7	7.9	5.4	5.4	5.2	27
2.4	2.5	2.5	10.1	10.1	9.7	1.4	1.4	1.3	7.1	7.2	7.1	7.8	7.0	7.2	28
51.7	52.0	51.9	158.3	158.5	155.8	29.6	29.7	28.8	100.9	101.1	100.0	151.8	150.4	150.5	29
7.4	7.5	7.4	13.2	13.1	13.0	3.9	3.8	3.6	9.9	9.9	9.6	14.7	14.4	14.3	30
(*)	7.6	7.6	(*)	31.1	31.3	(*)	6.5	6.4	(*)	23.3	22.8	(*)	19.0	18.6	31
61.0	60.8	60.5	181.5	181.5	176.8	33.6	33.7	33.9	125.5	125.2	120.9	168.8	167.4	168.7	32
4.3	4.4	3.9	14.5	14.7	15.0	3.8	3.7	3.4	13.0	12.2	11.6	20.8	20.8	21.2	33
22.4	22.4	22.0	69.9	69.1	64.8	16.6	16.7	16.1	45.3	45.4	43.3	40.3	39.7	36.6	34
97.5	97.9	93.4	230.3	230.0	225.1	47.7	47.9	46.7	149.5	150.8	147.3	216.1	215.2	211.4	35
5.3	5.4	5.2	21.3	21.3	21.2	5.2	5.2	5.1	13.8	13.7	13.3	24.3	24.2	24.8	36
3.4	3.2	3.1	8.2	8.1	8.1	1.5	1.5	1.4	5.4	5.6	5.6	7.1	6.8	7.0	37
2.4	2.4	2.2	9.6	9.5	9.7	2.7	2.6	2.4	5.1	5.1	5.1	7.5	7.5	7.4	38
47.1	48.3	46.9	88.9	88.7	87.9	22.0	22.0	21.7	67.2	67.3	65.5	52.9	53.1	52.0	39
9.4	9.4	9.2	23.2	23.3	23.1	4.5	4.5	4.3	13.6	13.7	13.4	15.1	14.7	14.5	40
17.2	17.8	17.1	63.1	63.2	62.1	11.9	11.8	11.5	40.6	41.5	40.2	65.0	64.0	62.5	41
.9	.9	.9	5.8	5.9	5.8	.9	.9	.9	4.3	4.2	4.1	2.0	2.0	1.9	42
5.1	5.3	5.0	17.0	17.1	16.6	5.2	5.2	4.9	10.4	10.4	10.4	7.3	7.2	7.3	43
78.8	79.8	75.9	299.7	296.2	282.7	68.4	68.8	64.7	231.9	233.7	218.7	248.2	241.6	239.0	44
56.3	57.6	53.7	170.0	168.4	163.7	43.2	43.4	41.5	132.6	133.1	126.9	152.7	149.1	147.6	45
117.0	117.0	112.9	475.7	476.9	468.2	126.8	126.2	121.3	459.5	462.9	440.5	294.1	295.9	288.6	46
74.7	74.4	71.9	288.6	287.7	286.4	91.7	91.4	88.2	314.8	313.8	302.7	173.3	173.2	169.8	47
3.3	3.3	3.2	12.3	12.4	12.0	1.4	1.4	1.3	6.5	6.3	6.1	7.7	7.7	7.6	48
1.7	1.8	1.7	9.4	9.2	9.2	(1)	(1)	(1)	9.3	9.3	8.9	4.3	4.3	4.3	49
2.4	2.4	2.2	15.1	14.9	14.6	2.4	2.4	2.3	10.0	10.1	9.7	10.1	10.8	9.3	50
2.0	2.0	1.9	10.9	10.8	10.7	1.5	1.5	1.4	8.9	8.9	8.8	6.8	6.8	6.7	51
2.6	2.6	2.6	9.8	9.9	9.4	(1)	(1)	(1)	9.5	9.6	9.5	4.6	4.7	4.5	52
8.2	8.3	8.4	39.4	39.1	38.4	9.2	9.1	9.2	34.3	34.4	32.9	25.0	24.4	24.0	53
6.7	6.6	6.5	25.7	25.5	25.1	6.9	6.9	6.6	22.0	21.8	21.6	16.0	15.9	15.7	54

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
1	MICHIGAN.....	3,088.4	3,090.9	3,051.2	12.8	13.2	13.0	117.0	122.3	125.1	1,184.5	1,190.7	1,176.1
2	Ann Arbor.....	107.3	105.2	103.1	(1)	(1)	(1)	3.3	3.5	3.2	38.4	38.1	37.7
3	Barle Creek.....	60.1	60.4	59.6	(1)	(1)	(1)	2.3	2.4	2.3	27.0	27.1	27.0
4	Bay City.....	31.4	30.8	31.2	(1)	(1)	(1)	1.4	1.5	1.5	12.8	12.2	12.7
5	Detroit.....	1,545.7	1,548.1	1,515.0	1.0	1.1	.9	58.7	61.0	59.7	613.2	614.4	603.6
6	Flint.....	161.4	163.7	164.4	(1)	(1)	(1)	7.0	7.2	7.2	84.6	88.1	89.0
7	Grand Rapids.....	189.5	191.2	187.9	(1)	(1)	(1)	9.0	10.1	9.7	76.8	77.8	78.4
8	Jackson.....	47.4	47.7	46.1	(1)	(1)	(1)	2.4	2.5	2.1	19.6	19.9	18.9
9	Kalamazoo.....	73.9	74.2	72.6	(1)	(1)	(1)	3.5	3.6	3.7	30.1	30.2	30.1
10	Lansing.....	137.0	132.7	131.3	(1)	(1)	(1)	6.1	6.4	6.7	42.3	42.7	39.3
11	Muskegon-Muskegon Heights.....	52.2	53.0	51.5	(1)	(1)	(1)	1.7	1.9	2.1	28.1	28.5	27.6
12	Saginaw.....	75.2	74.9	73.4	(1)	(1)	(1)	4.3	4.3	4.0	33.5	33.6	33.3
13	MINNESOTA.....	1,312.2	1,320.1	1,273.3	15.5	16.3	15.6	72.5	75.2	71.8	322.1	333.1	317.7
14	Duluth-Superior.....	57.3	57.5	56.4	(1)	(1)	(1)	3.1	3.1	3.1	9.8	10.2	9.4
15	Minneapolis-St. Paul.....	777.4	776.2	763.0	(1)	(1)	(1)	41.0	42.0	41.2	215.3	216.9	213.6
16	MISSISSIPPI.....	570.7	571.6	560.7	6.2	6.2	6.3	36.1	37.4	33.0	179.5	179.5	178.4
17	Jackson.....	90.2	90.2	87.5	.8	.8	.8	6.3	7.0	5.9	14.2	14.2	14.0
18	MISSOURI.....	1,663.9	1,655.5	1,643.9	9.2	9.2	8.7	75.3	76.5	74.7	455.8	455.9	461.8
19	Kansas City.....	515.3	514.0	504.6	.6	.6	.6	27.7	26.1	28.9	132.4	133.6	131.9
20	St. Joseph ²	33.0	33.0	31.8	(3)	(3)	(3)	2.5	2.5	1.8	10.0	10.1	9.8
21	St. Louis.....	910.4	908.4	899.0	2.3	2.3	2.3	46.7	46.4	44.1	290.4	291.6	292.0
22	Springfield.....	55.5	55.0	54.4	.1	.1	.1	2.9	3.0	2.7	16.2	16.2	16.6
23	MONTANA.....	201.9	205.2	199.5	6.2	6.2	5.6	12.5	12.9	13.2	24.7	24.3	25.1
24	Billings.....	28.6	28.0	28.2	(1)	(1)	(1)	1.5	1.5	1.8	3.7	3.2	3.6
25	Great Falls.....	24.9	25.2	24.2	(1)	(1)	(1)	2.0	2.1	1.9	3.2	3.3	3.5
26	NEBRASKA.....	481.9	477.4	469.3	2.0	2.0	1.8	26.2	26.8	26.0	88.1	87.4	85.2
27	Lincoln.....	73.2	71.5	68.6	-	-	-	3.8	3.9	3.9	11.4	11.1	10.6
28	Omaha.....	204.4	202.8	197.1	(3)	(3)	(3)	12.6	12.6	11.3	39.7	39.3	37.5
29	NEVADA.....	193.6	195.4	182.1	3.9	4.0	3.8	11.6	11.5	10.2	7.8	7.9	7.3
30	Las Vegas.....	107.8	108.1	98.5	.2	.2	.2	7.1	6.9	5.6	4.0	4.0	3.8
31	Reno.....	52.6	53.1	50.0	.2	.2	.2	3.0	3.0	2.9	2.7	2.7	2.5
32	NEW HAMPSHIRE ²	258.3	262.4	254.4	.3	.4	.3	14.5	15.2	13.4	96.1	96.9	98.6
33	Manchester ²	49.2	49.4	49.0	(1)	(1)	(1)	2.8	2.9	2.9	16.3	16.9	17.5
34	NEW JERSEY.....	2,572.0	2,568.1	2,522.5	3.2	3.2	3.2	121.8	120.4	122.7	890.6	895.2	894.8
35	Atlantic City.....	64.5	66.9	64.0	-	-	-	3.7	3.7	3.4	11.6	11.8	11.1
36	Camden ⁶	245.6	242.8	238.6	.1	.1	.1	14.4	14.1	13.2	73.9	74.3	77.2
37	Jersey City ⁷	268.2	266.9	266.7	-	-	-	8.6	8.5	7.6	111.8	112.0	115.5
38	Newark.....	796.4	792.6	778.6	.5	.5	.5	33.4	33.7	32.9	258.1	259.3	257.7
39	Paterson-Clifton-Passaic.....	484.3	479.5	479.2	.4	.4	.3	22.0	22.2	22.8	185.9	186.2	189.4
40	Perth Amboy.....	259.3	256.9	246.3	.8	.8	.8	13.4	13.3	12.4	110.3	110.8	108.1
41	Trenton.....	132.2	131.5	129.2	(1)	(1)	(1)	3.9	3.4	4.0	42.0	42.6	41.9
42	NEW MEXICO.....	287.5	287.6	280.5	17.3	17.5	16.8	17.1	17.9	17.9	20.7	20.5	18.8
43	Albuquerque.....	106.3	106.0	100.2	(1)	(1)	(1)	7.3	7.6	6.4	9.1	9.0	7.8
44	NEW YORK.....	(*)	7,179.0	7,096.2	(*)	8.7	8.4	(*)	284.8	285.1	(*)	1,896.1	1,912.5
45	Albany-Schenectady-Troy.....	272.3	272.3	271.4	(1)	(1)	(1)	13.5	13.5	14.0	63.3	63.8	64.2
46	Binghamton.....	104.6	103.7	105.6	(1)	(1)	(1)	4.1	4.2	5.3	44.6	44.7	45.1
47	Buffalo.....	511.3	509.7	500.1	(1)	(1)	(1)	23.4	24.3	24.1	179.6	179.2	177.0
48	Elmira.....	38.2	37.8	40.1	(1)	(1)	(1)	2.0	2.0	1.9	14.6	14.5	16.7
49	Monroe County ⁸	306.2	305.8	301.9	(1)	(1)	(1)	14.5	14.8	15.2	136.0	135.9	135.2
50	Nassau and Suffolk Counties ⁹	716.7	716.4	683.6	(1)	(1)	(1)	40.4	41.7	40.1	162.8	162.7	163.0
51	New York-Northeastern New Jersey.....	(*)	6,669.3	6,576.8	(*)	4.9	4.7	(*)	249.2	249.7	(*)	1,773.2	1,791.0
52	New York SMSA ⁷	(*)	4,875.4	4,806.0	(*)	3.3	3.1	(*)	171.8	174.1	(*)	1,105.6	1,120.3
53	New York City.....	(*)	3,799.8	3,767.6	(*)	2.5	2.4	(*)	106.1	110.5	(*)	850.0	863.0
54	Rochester.....	350.7	349.6	346.9	(1)	(1)	(1)	16.6	17.0	17.7	151.2	150.9	151.8
55	Rockland County.....	56.9	57.3	55.9	(1)	(1)	(1)	3.6	3.6	3.8	14.2	14.2	15.2
56	Syracuse.....	231.6	230.6	226.5	(1)	(1)	(1)	12.8	14.0	12.8	68.1	68.3	67.4
57	Utica-Rome.....	117.2	117.5	116.1	(1)	(1)	(1)	4.0	4.2	4.1	43.5	43.7	43.6
58	Westchester County.....	305.1	301.7	298.9	(1)	(1)	(1)	20.6	20.4	19.6	79.1	78.7	79.1

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

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	
152.4	152.8	149.2	587.2	586.9	575.5	114.5	114.7	111.0	403.9	401.0	397.1	516.2	509.4	504.1	1
2.7	2.7	2.7	13.6	13.3	11.8	2.2	2.2	2.2	10.2	10.3	9.5	36.8	35.0	36.0	2
2.6	2.6	2.5	9.2	9.3	9.0	3.3	3.3	3.3	7.8	7.8	7.6	8.0	8.0	7.9	3
1.6	1.6	1.6	7.0	7.0	6.9	.7	.8	.7	3.8	3.8	3.8	4.0	3.9	4.0	4
80.1	80.8	79.2	294.9	293.5	284.1	66.4	66.6	64.4	214.4	215.3	214.3	217.0	215.3	208.8	5
6.0	6.0	5.5	23.3	22.9	24.9	4.3	4.3	4.1	17.1	16.5	15.7	19.1	18.9	18.2	6
10.5	10.4	9.9	42.3	42.6	40.1	7.2	7.3	7.2	26.8	26.2	26.1	17.0	16.9	16.6	7
4.3	4.3	4.3	8.6	8.5	8.3	1.4	1.4	1.4	5.0	5.0	5.0	6.2	6.2	6.2	8
2.5	2.5	2.5	13.2	13.3	12.6	2.2	2.2	2.2	9.0	9.0	8.6	13.4	13.4	13.0	9
3.5	3.2	3.4	21.5	21.2	21.0	5.0	5.1	5.2	16.2	15.5	14.6	42.4	38.5	41.2	10
2.8	2.7	2.7	8.1	8.2	7.8	1.3	1.3	1.2	5.3	5.5	5.3	5.1	5.0	4.8	11
4.6	4.6	4.5	13.4	13.3	13.3	2.8	2.7	2.6	8.7	8.7	8.4	7.9	7.8	7.6	12
89.0	89.8	86.1	314.7	312.4	302.3	62.4	62.4	59.8	207.2	206.8	200.3	228.9	224.1	219.6	13
7.3	7.5	7.8	13.7	13.6	13.4	2.0	2.0	2.0	11.2	11.3	10.9	10.2	9.9	9.8	14
57.1	57.9	56.0	184.9	183.5	181.3	45.0	45.0	43.5	131.8	132.0	127.7	102.4	99.0	99.7	15
30.2	29.4	29.5	101.4	101.5	101.0	19.7	19.7	19.5	62.3	62.6	62.8	135.3	135.3	130.2	16
5.4	5.5	5.5	20.4	20.2	19.6	6.8	6.7	6.6	15.7	15.5	15.3	20.6	20.3	19.8	17
126.3	126.3	125.4	364.4	362.4	361.0	87.7	87.6	85.4	256.5	256.5	251.8	288.7	281.1	275.1	18
50.5	50.8	50.3	124.9	123.8	121.1	32.8	32.5	31.1	77.1	77.3	74.2	69.3	69.3	66.5	19
2.1	2.1	2.1	7.8	7.8	7.7	1.3	1.3	1.3	4.7	4.6	4.7	4.6	4.6	4.4	20
68.8	69.2	68.0	185.6	185.5	183.6	46.4	46.7	44.9	149.1	149.4	142.9	121.1	117.3	121.2	21
4.2	4.2	4.2	13.4	13.1	12.3	2.2	2.3	2.2	8.8	8.8	8.5	7.7	7.3	7.8	22
17.6	17.8	17.6	46.7	48.1	46.0	7.8	7.8	7.6	30.3	31.5	29.9	56.1	56.6	54.5	23
2.9	2.9	2.8	8.9	8.8	8.6	1.5	1.5	1.4	5.3	5.4	5.3	4.8	4.7	4.7	24
2.0	2.0	2.0	6.4	6.6	6.2	1.4	1.4	1.3	4.8	4.7	4.5	5.1	5.1	4.8	25
36.6	37.0	36.3	119.3	117.3	116.0	28.3	28.4	27.3	78.9	78.1	77.1	102.5	100.2	99.8	26
5.0	5.0	4.8	15.7	15.2	14.8	5.5	5.5	5.2	11.2	11.3	10.7	20.7	19.5	18.7	27
21.2	21.3	20.8	50.8	50.4	49.7	16.4	16.4	15.8	34.8	34.5	33.5	28.9	28.3	28.5	28
13.6	13.7	12.9	36.1	36.3	34.5	7.2	7.3	6.8	77.4	78.6	72.2	36.0	36.1	34.4	29
7.0	7.0	6.5	19.4	19.6	18.1	3.5	3.6	3.3	50.9	51.1	46.0	15.7	15.7	15.0	30
4.6	4.6	4.5	11.6	11.6	11.1	3.0	3.0	2.9	17.8	18.3	16.9	9.7	9.7	9.0	31
11.1	11.1	10.6	49.3	49.3	46.9	10.3	10.4	10.0	40.7	43.0	39.7	36.0	36.1	34.9	32
3.5	3.5	3.1	11.7	11.5	11.1	2.8	2.8	2.8	8.2	7.9	7.8	3.9	3.9	3.8	33
175.2	174.1	168.2	520.5	518.5	498.0	115.0	115.1	110.7	391.3	393.3	378.1	354.4	348.3	346.8	34
3.5	3.5	3.3	16.1	17.3	16.6	2.9	2.9	2.8	16.2	17.2	16.4	10.5	10.5	10.4	35
11.4	11.4	11.2	57.1	55.8	51.9	8.4	8.4	8.1	34.6	33.8	34.0	45.7	44.9	42.9	36
37.7	37.8	36.4	42.3	41.0	40.3	9.0	8.9	8.6	29.5	29.4	29.3	29.3	29.3	29.0	37
60.8	60.8	57.9	156.7	153.6	150.5	55.2	55.5	53.3	129.1	128.6	125.7	102.6	100.6	100.1	38
25.1	25.1	24.8	115.2	111.2	110.2	17.3	17.4	16.5	69.7	69.7	68.2	48.7	47.3	47.0	39
13.4	13.3	11.2	48.9	47.8	45.3	5.1	5.1	5.1	26.6	26.5	25.9	40.8	39.3	37.5	40
6.9	6.8	6.6	20.5	20.2	20.0	4.7	4.6	4.4	25.9	25.7	25.3	28.3	28.2	27.0	41
20.0	20.0	19.9	59.7	60.5	57.9	11.5	11.5	11.5	54.0	54.7	51.6	87.2	85.0	86.1	42
6.4	6.5	6.5	25.4	25.6	24.4	6.4	6.5	5.8	25.7	25.9	24.6	26.0	24.9	24.7	43
(*)	507.1	495.4	(*)	1,426.1	1,421.0	(*)	591.1	570.4	(*)	1,330.7	1,295.7	(*)	1,134.5	1,107.7	44
14.9	15.0	14.8	54.0	53.6	53.2	10.4	10.5	10.4	45.8	45.7	45.0	70.5	70.3	69.7	45
4.8	4.8	4.8	17.3	16.8	17.2	3.2	3.2	3.1	11.6	11.7	11.4	19.0	18.4	18.7	46
33.2	33.2	32.5	104.4	103.3	101.2	18.9	18.9	18.5	74.5	74.1	72.0	77.3	76.7	74.8	47
1.6	1.6	1.6	7.7	7.6	7.9	1.0	1.0	.9	5.9	5.9	5.8	5.4	5.3	5.3	48
11.2	11.5	11.3	54.8	54.0	53.0	10.9	10.8	10.4	46.9	46.5	44.6	31.9	32.3	32.2	49
31.8	31.7	28.9	186.5	183.9	172.8	29.2	29.3	27.9	128.6	130.4	122.3	137.5	136.7	128.7	50
(*)	522.5	506.6	(*)	1,355.2	1,344.7	(*)	593.8	572.6	(*)	1,228.7	1,203.4	(*)	941.8	904.1	51
(*)	385.5	376.3	(*)	1,002.6	998.4	(*)	506.7	489.1	(*)	973.7	954.3	(*)	726.1	690.5	52
(*)	332.5	326.5	(*)	745.0	751.4	(*)	462.4	446.6	(*)	769.6	760.0	(*)	531.7	507.3	53
13.2	13.5	13.2	62.9	61.4	60.6	11.9	11.8	11.3	51.7	51.3	49.1	43.2	43.5	43.3	54
3.2	3.1	3.1	9.7	9.7	9.5	1.8	1.8	1.8	9.6	10.1	9.3	14.8	14.7	13.3	55
14.6	14.8	14.4	49.9	49.3	48.2	11.3	11.4	10.8	38.9	37.8	36.9	36.0	35.0	36.0	56
5.3	5.3	5.2	19.5	19.6	19.1	4.6	4.6	4.3	13.9	14.1	13.7	26.3	26.0	26.1	57
18.0	18.0	17.8	65.9	65.4	64.8	13.0	13.2	12.9	65.2	64.4	63.5	43.3	41.7	41.2	58

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
1	NORTH CAROLINA	1,702.9	1,698.4	1,675.9	3.5	3.5	3.5	94.8	94.3	92.8	701.5	703.3	702.3
2	Asheville	-	-	-	-	-	-	-	-	-	18.8	18.8	19.2
3	Charlotte	173.8	173.5	169.2	(1)	(1)	(1)	13.2	13.1	12.1	40.7	40.6	41.3
4	Greensboro-Winston-Salem-High Point	256.0	254.3	250.8	(1)	(1)	(1)	13.5	13.4	12.7	111.9	112.5	112.1
5	Raleigh	-	-	-	-	-	-	-	-	-	14.3	14.5	13.7
6	NORTH DAKOTA	160.9	159.2	158.0	1.9	1.9	1.9	9.9	10.1	9.1	9.1	8.8	9.3
7	Fargo-Moorhead	41.4	39.7	40.2	(1)	(1)	(1)	3.2	3.2	3.1	3.2	3.2	3.2
8	OHIO	3,963.8	3,956.5	3,817.4	20.3	20.7	17.9	197.1	200.7	184.4	1,474.6	1,486.7	1,439.2
9	Akron	253.2	249.6	244.4	.2	.2	.2	9.9	10.0	9.3	101.9	102.3	100.4
10	Canton	138.6	139.6	131.3	.3	.3	.3	6.2	6.2	6.0	62.9	63.8	58.7
11	Cincinnati	512.8	508.5	499.4	.4	.4	.4	24.4	24.9	24.0	175.6	175.5	175.1
12	Cleveland	876.8	876.1	850.5	1.6	1.5	1.5	41.2	41.8	38.1	311.9	313.1	312.1
13	Columbus	377.0	373.4	360.6	.8	.8	.8	21.7	22.0	20.2	92.7	93.0	91.0
14	Dayton	338.4	336.0	325.6	.5	.5	.5	13.4	13.7	12.7	134.6	134.4	130.3
15	Toledo	248.6	245.9	239.1	.3	.3	.3	12.2	12.5	11.1	86.4	88.0	84.9
16	Youngstown-Warren	199.5	199.6	187.5	.4	.4	.4	9.2	9.6	8.8	92.8	93.4	85.1
17	OKLAHOMA	757.2	751.4	737.7	38.9	39.2	40.4	35.4	35.6	36.0	130.3	129.7	122.1
18	Oklahoma City	246.7	246.2	239.6	6.7	6.7	6.9	12.3	12.6	12.3	35.9	35.6	32.2
19	Tulsa	178.6	179.2	175.5	13.0	13.0	13.3	9.0	9.1	8.8	43.8	43.7	42.5
20	OREGON	711.9	722.2	694.3	1.7	1.9	2.0	33.6	36.1	33.5	181.0	188.9	180.5
21	Eugene	68.6	69.5	67.2	(1)	(1)	(1)	3.1	3.5	3.5	18.1	19.6	19.3
22	Portland	383.3	385.8	368.9	(1)	(1)	(1)	20.3	21.5	19.6	92.3	94.1	89.5
23	Salem	55.6	59.0	55.4	(1)	(1)	(1)	2.6	2.6	2.8	12.7	16.0	13.6
24	PENNSYLVANIA	4,348.9	4,345.8	4,277.3	39.7	39.5	29.1	205.1	210.8	206.0	1,562.3	1,566.1	1,553.3
25	Allentown-Bethlehem-Easton	215.5	214.7	213.0	.5	.5	.5	9.0	9.0	9.0	106.8	106.9	105.7
26	Altoona	47.5	47.9	47.0	(1)	(1)	(1)	1.9	2.0	1.9	15.3	15.6	15.2
27	Erie	98.8	97.6	95.1	(1)	(1)	(1)	5.4	5.3	4.1	43.8	43.6	43.0
28	Harrisburg	169.9	170.9	167.6	(1)	(1)	(1)	9.7	10.2	9.0	38.3	38.7	38.7
29	Johnstown	79.4	80.1	76.1	4.9	4.9	4.2	3.8	4.0	3.8	26.1	26.1	23.9
30	Lancaster	117.8	117.9	115.3	(1)	(1)	(1)	6.1	6.3	6.0	56.3	56.4	55.6
31	Philadelphia	1,795.1	1,779.0	1,771.7	1.3	1.3	1.3	90.2	89.4	88.6	565.3	563.7	572.7
32	Pittsburgh	864.5	867.8	842.1	9.2	9.2	5.0	43.6	44.8	43.6	292.0	294.3	279.3
33	Reading	121.8	121.3	120.7	(1)	(1)	(1)	5.0	4.9	4.6	58.4	58.0	59.3
34	Scranton	86.3	87.4	86.0	.5	.5	.5	2.8	2.8	2.8	34.4	35.9	35.4
35	Wilkes-Barre-Hazleton	123.8	122.2	119.9	2.3	2.3	2.3	6.3	6.3	5.8	54.6	54.1	53.4
36	York	130.1	130.2	128.2	(1)	(1)	(1)	7.2	7.6	7.2	63.8	63.7	63.1
37	RHODE ISLAND	346.1	344.8	347.9	(1)	(1)	(1)	15.0	13.7	16.0	126.5	125.7	127.7
38	Providence-Pawtucket-Warwick	357.3	356.3	360.0	(1)	(1)	(1)	14.9	13.6	16.3	144.2	143.6	145.6
39	SOUTH CAROLINA	792.1	791.3	777.2	1.5	1.5	1.5	46.8	48.2	47.9	331.9	332.5	327.3
40	Charleston	86.4	85.7	85.0	(1)	(1)	(1)	4.6	4.8	5.6	16.2	16.2	15.3
41	Columbia	103.2	103.2	100.9	(1)	(1)	(1)	7.7	7.9	7.3	19.2	19.6	19.5
42	Greenville	122.3	121.8	120.4	(1)	(1)	(1)	9.8	9.8	10.4	56.2	56.2	55.2
43	SOUTH DAKOTA	172.1	171.8	170.1	2.2	2.3	2.2	8.4	8.4	7.9	15.6	15.5	15.7
44	Sioux Falls	33.5	33.3	33.5	(1)	(1)	(1)	2.1	2.1	1.7	6.1	6.0	6.2
45	TENNESSEE	(*)	1,307.9	1,294.6	(*)	7.4	7.2	(*)	71.8	68.0	(*)	468.9	463.1
46	Chattanooga	122.0	122.3	121.8	.2	.2	.2	4.8	4.8	5.4	51.7	51.9	50.5
47	Knoxville	149.5	149.1	148.2	1.7	1.7	1.9	7.4	7.7	7.4	49.5	49.6	49.0
48	Memphis	269.3	267.8	262.3	.2	.2	.2	14.4	14.8	14.5	60.4	60.5	60.9
49	Nashville	218.0	216.8	213.4	(1)	(1)	(1)	13.3	13.3	13.2	63.2	61.7	61.0
50	TEXAS	3,609.7	3,601.0	3,470.0	104.6	106.0	103.7	231.6	231.2	224.6	739.9	738.0	715.1
51	Amarillo	-	-	-	-	-	-	-	-	-	6.3	6.4	5.5
52	Austin	-	-	-	-	-	-	-	-	-	11.1	10.9	9.9
53	Beaumont-Port Arthur-Orange	-	-	-	-	-	-	-	-	-	37.2	36.8	34.7
54	Corpus Christi	-	-	-	-	-	-	-	-	-	11.3	11.4	10.7

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	
91.4	91.2	87.0	303.4	301.5	298.0	67.4	67.1	63.6	200.4	199.6	195.0	240.5	237.9	233.7	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.9	19.0	18.2	44.2	44.2	43.4	12.1	12.0	11.2	24.7	24.6	23.6	20.0	20.0	19.4	3
15.0	14.8	14.5	45.1	44.3	43.9	11.9	11.8	11.8	29.1	28.9	27.6	29.5	28.6	28.2	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
12.5	12.5	12.5	43.9	44.1	42.8	6.8	6.8	6.8	29.3	29.0	28.6	47.6	46.1	47.0	6
3.2	3.2	3.2	12.3	12.4	12.1	2.2	2.3	2.3	8.4	7.7	7.9	8.8	7.8	8.4	7
229.1	229.7	219.2	771.0	767.4	741.4	154.5	155.2	148.0	553.1	555.1	525.5	564.1	541.1	541.9	8
15.0	15.1	14.9	50.0	49.2	47.4	6.9	6.9	6.4	32.5	32.8	30.9	37.0	33.2	35.0	9
7.2	7.3	7.0	25.9	25.7	24.8	4.7	4.8	4.5	18.2	18.3	17.4	13.2	13.2	12.6	10
36.5	36.4	34.9	107.6	106.7	103.5	25.4	25.4	25.1	74.5	74.2	71.2	68.4	65.1	65.2	11
53.6	53.8	51.2	182.8	182.7	176.3	41.4	41.8	40.1	133.9	133.4	127.3	110.4	107.9	103.8	12
20.8	20.9	19.8	78.2	77.6	74.7	24.8	24.8	22.9	60.2	59.7	56.9	77.9	74.6	74.3	13
12.6	12.7	12.2	60.8	60.0	57.4	9.5	9.5	8.9	47.3	46.5	44.8	59.8	58.7	58.7	14
18.2	18.3	17.4	51.0	50.6	49.6	7.9	8.0	7.4	38.2	37.8	36.0	34.3	30.4	32.4	15
10.4	10.5	10.0	36.0	35.8	34.8	5.6	5.6	5.2	26.5	26.4	24.8	18.6	18.0	18.4	16
52.9	53.0	52.1	164.0	164.1	162.9	36.1	35.8	34.6	110.1	110.1	106.3	189.5	183.9	183.3	17
16.4	16.4	16.0	54.3	54.0	53.1	15.6	15.6	14.8	36.0	36.4	35.3	69.5	68.9	69.0	18
16.8	16.9	16.3	40.1	40.4	40.1	9.1	9.0	8.7	29.0	29.2	27.9	17.8	17.9	17.9	19
50.1	50.5	49.1	160.0	161.7	154.3	34.5	34.4	33.1	107.1	109.3	103.2	143.9	139.4	138.6	20
4.1	4.1	4.0	13.5	13.6	12.9	2.9	2.9	2.8	9.6	10.0	8.8	17.3	15.8	15.9	21
31.3	31.6	30.2	92.4	92.6	88.4	23.3	23.3	22.8	64.2	64.5	60.4	59.5	58.2	58.0	22
1.8	1.8	1.8	10.6	10.6	10.2	3.2	3.2	3.0	7.5	7.5	6.9	17.2	17.3	17.1	23
276.2	275.8	270.3	816.0	811.4	803.8	183.8	184.5	179.1	661.2	663.4	643.3	604.6	594.3	592.4	24
11.9	11.8	11.6	35.3	34.6	35.2	6.5	6.6	6.3	26.1	25.8	25.7	19.4	19.5	19.0	25
7.8	7.8	7.9	8.6	8.5	8.1	1.2	1.2	1.2	6.8	6.9	6.9	5.9	5.9	5.8	26
5.5	5.5	5.5	16.8	16.7	16.4	3.5	3.4	3.1	12.9	12.7	12.4	10.9	10.4	10.6	27
12.9	13.0	12.8	32.2	32.5	32.2	8.1	8.1	8.0	24.8	24.7	23.8	43.9	43.7	43.1	28
5.2	5.2	5.1	13.1	13.4	13.3	2.1	2.1	2.0	11.8	12.1	11.7	12.4	12.3	12.1	29
5.6	5.5	5.4	21.1	21.2	20.6	2.7	2.7	2.6	15.8	16.0	15.3	10.2	9.8	9.8	30
110.6	111.9	109.2	366.6	360.0	359.3	97.3	98.2	95.8	303.1	297.9	291.6	260.7	256.6	253.2	31
58.8	59.0	58.2	166.4	166.4	165.3	37.7	37.7	36.5	155.9	156.8	152.2	100.9	99.6	102.0	32
6.4	6.6	6.4	18.7	18.7	18.3	4.8	4.8	4.5	16.3	16.3	15.8	12.2	12.0	11.8	33
5.4	5.3	5.1	17.3	17.6	16.7	2.5	2.5	2.5	13.7	13.2	13.6	9.7	9.6	9.4	34
6.6	6.7	6.5	20.3	19.7	19.7	4.2	4.2	4.1	14.5	14.3	13.4	15.0	14.6	14.7	35
6.0	5.9	5.7	22.5	22.3	22.2	2.8	2.8	2.7	14.5	14.6	14.0	13.3	13.3	13.3	36
16.0	16.1	15.4	67.5	67.4	66.8	15.0	15.0	14.9	53.8	54.6	54.9	52.3	52.3	52.2	37
15.4	15.5	14.9	67.4	67.5	67.2	15.0	15.0	14.9	52.4	53.1	53.2	48.0	48.0	47.9	38
34.5	34.4	33.1	130.2	130.2	127.9	27.6	27.6	26.4	77.1	76.9	77.3	142.5	140.0	135.8	39
5.1	4.9	5.1	16.4	16.4	16.4	3.3	3.3	3.3	9.7	9.8	9.6	31.1	30.3	29.7	40
6.8	6.7	6.4	20.8	20.8	20.7	6.1	6.1	5.8	13.2	13.2	13.0	29.4	28.9	28.2	41
4.6	4.6	4.4	20.1	19.9	20.1	4.6	4.6	4.4	11.7	11.7	11.8	15.3	15.0	14.1	42
10.2	10.3	10.3	45.7	46.1	45.5	7.3	7.3	7.2	31.6	31.5	30.5	51.1	50.4	50.9	43
3.0	3.0	3.1	9.5	9.5	9.7	2.1	2.1	2.1	6.3	6.2	6.4	4.4	4.5	4.4	44
(*)	65.3	64.1	(*)	246.9	247.2	(*)	53.3	52.7	(*)	173.8	170.3	(*)	220.5	222.0	45
6.3	6.3	6.5	21.9	21.8	22.3	7.3	7.2	7.0	14.4	14.7	14.6	15.4	15.4	15.3	46
6.7	6.8	6.5	31.5	31.6	31.2	4.9	4.8	4.8	19.7	19.7	19.2	28.1	27.2	28.2	47
20.7	20.2	19.8	67.3	66.9	67.0	13.8	13.9	13.7	44.3	44.2	41.2	48.2	47.1	45.0	48
13.1	13.1	12.6	46.2	46.6	46.9	13.8	13.8	12.9	35.2	35.0	34.8	33.2	33.3	32.0	49
262.7	266.9	250.6	850.7	848.5	811.2	186.1	186.3	174.7	564.6	566.6	534.3	669.5	657.5	655.8	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
	TEXAS (continued)												
1	Dallas	625.4	623.7	592.4	8.1	8.2	8.1	34.5	34.6	31.5	173.7	174.5	162.0
2	El Paso	-	-	-	-	-	-	-	-	-	23.2	23.6	20.8
3	Fort Worth	-	-	-	-	-	-	-	-	-	92.7	92.3	90.3
4	Galveston-Texas City	-	-	-	-	-	-	-	-	-	11.0	11.2	10.7
5	Houston	745.6	743.6	708.5	29.3	29.4	27.4	73.8	72.9	69.1	142.8	143.3	136.7
6	Lubbock	-	-	-	-	-	-	-	-	-	7.0	7.0	6.4
7	San Antonio	251.6	251.3	247.8	1.5	1.5	1.5	15.3	15.4	15.8	31.0	31.0	30.1
8	Waco	-	-	-	-	-	-	-	-	-	12.7	12.9	13.3
9	Wichita Falls	-	-	-	-	-	-	-	-	-	4.3	4.4	4.1
10	UTAH	353.4	355.8	344.0	12.4	12.7	12.2	15.3	16.2	15.2	56.3	57.2	53.9
11	Salt Lake City	185.9	188.6	179.7	7.5	7.6	7.4	8.6	9.1	8.0	29.5	29.6	29.6
12	VERMONT ²	148.1	147.4	143.0	1.0	1.0	1.1	10.9	11.0	10.1	44.0	43.7	44.1
13	Burlington ¹⁰	38.0	37.6	36.3	-	-	-	-	-	-	11.0	10.9	10.8
14	Springfield ⁰	13.5	13.5	13.6	-	-	-	-	-	-	6.6	6.7	6.8
15	VIRGINIA ⁴	1,439.4	1,435.5	1,407.9	14.3	14.4	12.8	96.4	99.4	94.7	369.8	367.5	371.7
16	Lynchburg	50.7	50.5	48.9	(1)	(1)	(1)	2.8	2.7	2.6	23.6	23.5	22.8
17	Newport News-Hampton	96.5	96.8	93.6	(1)	(1)	(1)	5.1	5.3	4.9	26.8	26.8	27.5
18	Norfolk-Portsmouth	194.5	194.8	192.3	(1)	(1)	(1)	12.9	13.2	13.3	20.8	20.9	20.2
19	Northern Virginia ¹¹	242.5	243.1	235.7	.4	.4	.4	19.2	19.8	19.3	9.2	9.3	9.3
20	Richmond	228.8	228.1	224.1	.2	.2	.2	16.1	16.2	15.2	51.6	51.5	52.3
21	Roanoke	80.3	80.2	77.0	.1	.1	.1	4.9	5.2	4.9	19.3	19.1	18.7
22	WASHINGTON ²	1,143.0	1,152.0	1,124.6	1.7	1.8	1.7	62.5	65.4	62.0	278.2	284.7	293.2
23	Seattle-Everett ²	567.4	569.6	563.9	(1)	(1)	(1)	31.4	32.8	32.0	158.3	160.6	172.4
24	Spokane ²	90.7	90.0	88.4	(1)	(1)	(1)	5.2	5.5	4.9	13.3	13.6	13.5
25	Tacoma ²	109.4	111.1	106.6	(1)	(1)	(1)	6.2	6.4	6.3	20.7	21.2	20.7
26	WEST VIRGINIA	513.8	515.0	503.8	47.2	47.3	35.5	26.5	26.8	28.3	133.1	133.4	134.0
27	Charleston	81.9	82.0	83.1	3.6	3.6	3.1	3.9	4.0	4.4	17.5	17.8	19.3
28	Huntington-Ashland	81.6	81.9	81.0	.7	.7	.7	4.4	4.4	4.8	26.4	26.7	25.2
29	Wheeling	59.8	59.9	55.2	4.7	4.6	.9	6.0	6.2	5.0	15.4	15.5	16.4
30	WISCONSIN	1,536.3	1,541.2	1,499.8	2.6	2.7	2.6	72.5	74.2	72.8	514.9	525.7	513.6
31	Green Bay	54.1	54.0	52.6	(1)	(1)	(1)	2.5	2.7	2.7	17.6	17.7	17.1
32	Kenosha	34.1	33.8	33.3	(1)	(1)	(1)	1.1	1.1	1.4	15.4	15.4	15.3
33	La Crosse	30.1	30.2	29.3	(1)	(1)	(1)	1.3	1.5	1.5	8.4	8.8	8.2
34	Madison	119.5	119.0	116.6	(1)	(1)	(1)	7.3	7.6	7.1	16.2	16.5	16.1
35	Milwaukee	572.3	570.4	560.7	(1)	(1)	(1)	23.2	23.9	23.3	211.7	212.4	211.1
36	Racine	56.5	55.7	54.4	(1)	(1)	(1)	2.0	2.0	2.0	26.3	26.0	25.3
37	WYOMING ²	108.1	112.6	106.0	11.9	12.4	11.0	6.3	7.7	8.1	7.4	7.1	7.6
38	Casper ²	19.9	20.3	19.0	4.3	4.6	3.3	1.2	1.2	1.4	1.3	1.4	1.3
39	Cheyenne ²	18.3	18.7	18.3	(1)	(1)	(1)	.9	1.2	1.1	1.1	1.1	.9

¹ Combined with services.
² Revised to 1969 benchmark; not strictly comparable with previously published data.
³ Combined with construction.
⁴ Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.
⁵ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.
⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
⁷ Area included in New York-Northeastern New Jersey Standard Consolidated Area.
⁸ Subarea of Rochester Standard Metropolitan Statistical Area.
⁹ Subarea of New York Standard Metropolitan Statistical Area.
¹⁰ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry and fisheries.
¹¹ Subarea of Washington, D.C. Standard Metropolitan Statistical Area.

*Not available.
 NOTE: Data for the current year are preliminary.
 SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	
49.4	49.4	47.8	162.0	159.9	154.1	48.9	48.7	46.3	85.1	85.6	82.6	63.7	62.9	59.9	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
65.8	67.1	61.9	182.4	180.7	175.3	38.0	37.7	35.4	127.3	128.0	121.3	86.2	84.5	81.4	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.3	11.2	10.9	62.4	62.2	61.1	15.2	15.2	15.2	43.1	43.3	42.3	71.8	71.5	70.9	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
23.3	23.8	22.6	79.1	80.6	75.9	14.4	14.5	13.5	54.2	53.8	51.8	98.3	97.0	98.9	10
15.4	15.8	14.8	49.4	50.1	47.7	10.5	10.5	10.2	29.5	30.7	28.0	35.5	35.2	34.0	11
7.9	7.9	7.6	27.9	27.5	26.4	5.3	5.2	5.1	26.3	26.3	24.7	24.9	24.8	24.1	12
1.8	1.8	1.7	7.9	7.6	7.5	-	-	-	7.0	7.1	6.4	-	-	-	13
.9	.9	.8	2.0	2.0	2.0	-	-	-	1.6	1.6	1.6	-	-	-	14
96.5	97.2	94.2	293.1	290.5	283.4	65.6	65.7	62.1	207.2	207.5	200.8	296.5	293.3	288.2	15
2.5	2.5	2.4	8.3	8.3	7.9	1.9	1.9	1.8	5.9	5.9	6.0	5.7	5.7	5.4	16
4.5	4.5	4.2	16.6	16.6	14.9	2.9	2.9	2.7	11.8	11.8	10.7	28.8	28.9	28.7	17
16.2	16.3	15.8	46.4	46.1	45.0	8.7	8.8	8.5	27.8	28.2	27.3	61.7	61.3	62.2	18
19.5	19.7	18.8	56.2	56.0	54.3	14.1	14.1	13.2	44.0	43.9	42.1	79.9	79.9	78.3	19
18.3	18.5	18.1	51.7	51.4	49.9	17.8	17.9	17.2	32.4	32.5	31.7	40.7	39.9	39.5	20
10.5	10.6	10.2	19.2	19.0	17.7	3.9	3.9	3.8	12.4	12.4	12.2	10.0	9.9	9.4	21
74.4	75.5	72.7	256.0	256.8	242.8	58.9	59.3	56.1	169.4	172.2	162.6	241.9	236.3	233.5	22
40.9	41.0	40.0	125.2	125.6	119.3	36.2	36.4	34.1	84.8	85.3	78.8	90.6	87.9	87.3	23
7.6	7.7	7.3	23.6	23.7	23.2	5.1	5.1	4.9	18.5	18.3	17.8	17.4	16.1	16.8	24
6.9	7.0	6.6	24.8	25.3	23.5	6.0	6.2	5.8	18.6	18.9	17.5	26.2	26.1	26.2	25
41.4	41.9	41.3	91.6	91.5	91.4	15.1	15.2	14.8	62.8	63.1	63.1	96.1	95.9	95.5	26
9.0	9.0	8.8	18.8	18.4	18.3	4.0	4.0	3.8	11.7	11.6	11.5	13.5	13.6	13.8	27
8.2	8.2	8.1	17.1	17.0	17.2	2.7	2.7	2.7	10.1	10.2	10.0	12.0	12.0	12.2	28
3.5	3.5	3.5	12.6	12.6	12.3	2.2	2.2	2.1	8.6	8.6	8.7	6.8	6.7	6.5	29
81.6	81.3	79.1	326.7	323.0	313.9	60.3	60.0	57.0	218.4	219.9	210.3	259.3	254.3	250.3	30
4.5	4.4	4.3	13.4	13.2	12.7	1.3	1.3	1.3	8.0	8.1	7.8	6.8	6.6	6.6	31
1.4	1.4	1.4	6.2	6.0	5.8	.7	.7	.7	4.7	4.7	4.7	4.5	4.4	4.1	32
2.4	2.3	2.2	7.0	6.9	6.8	.6	.6	.6	5.8	5.9	5.6	4.6	4.2	4.4	33
4.9	4.9	4.9	23.5	23.1	22.6	6.5	6.5	6.1	16.9	16.8	16.1	44.2	43.6	43.8	34
31.8	31.6	30.7	121.2	118.9	116.9	28.3	28.1	26.9	83.7	83.6	81.8	72.5	71.9	70.0	35
2.3	2.3	2.3	9.6	9.5	9.5	1.5	1.5	1.3	7.7	7.6	7.4	7.0	6.8	6.7	36
11.1	11.4	10.7	24.6	25.5	22.3	3.6	3.6	3.5	15.0	17.0	13.4	28.2	27.9	29.4	37
1.5	1.5	1.6	4.6	4.5	4.6	.9	.9	.8	2.5	2.5	2.4	3.6	3.7	3.6	38
2.5	2.5	2.6	4.0	4.0	4.1	1.0	1.0	1.0	3.3	3.4	3.2	5.5	5.5	5.4	39

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

**C-1: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, 1947 to date**

Year and month	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Total private ¹			Manufacturing			Durable goods			Nondurable goods		
1947.....	\$45.58	40.3	\$1.131	\$49.17	40.4	\$1.217	\$51.76	40.5	\$1.278	\$46.03	40.2	\$1.145
1948.....	49.00	40.0	1.225	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	50.24	39.4	1.275	53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	53.13	39.8	1.335	58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	57.86	39.9	1.45	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	60.65	39.9	1.52	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	63.76	39.6	1.61	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	64.52	39.1	1.65	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	67.72	39.6	1.71	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	70.74	39.3	1.80	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	73.33	38.8	1.89	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	75.08	38.5	1.95	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	78.78	39.0	2.02	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	80.67	38.6	2.09	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	82.60	38.6	2.14	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	85.91	38.7	2.22	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....	88.46	38.8	2.28	99.63	40.5	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1964.....	91.33	38.7	2.36	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	95.06	38.8	2.45	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1966.....	98.82	38.6	2.56	112.34	41.3	2.72	122.09	42.1	2.90	98.49	40.2	2.45
1967.....	101.84	38.0	2.68	114.90	40.6	2.83	123.60	41.2	3.00	102.03	39.7	2.57
1968.....	107.73	37.8	2.85	122.51	40.7	3.01	132.07	41.4	3.19	109.05	39.8	2.74
1968: November.....	109.50	37.5	2.92	125.97	40.9	3.08	136.36	41.7	3.27	111.72	39.9	2.80
1968: December.....	110.38	37.8	2.92	127.82	41.1	3.11	137.61	41.7	3.30	113.08	40.1	2.82
1969: January.....	110.25	37.5	2.94	126.05	40.4	3.12	136.04	41.1	3.31	111.50	39.4	2.83
1969: February.....	110.11	37.2	2.96	124.80	40.0	3.12	135.05	40.8	3.31	110.48	38.9	2.84
1969: March.....	111.67	37.6	2.97	127.39	40.7	3.13	137.45	41.4	3.32	113.15	39.7	2.85
1969: April.....	111.75	37.5	2.98	127.58	40.5	3.15	137.20	41.2	3.33	113.08	39.4	2.87
1969: May.....	113.48	37.7	3.01	128.61	40.7	3.16	138.69	41.4	3.35	114.34	39.7	2.88
1969: June.....	115.14	38.0	3.03	129.65	40.9	3.17	139.44	41.5	3.36	115.31	39.9	2.89
1969: July.....	115.82	38.1	3.04	129.20	40.5	3.19	137.83	40.9	3.37	116.22	39.8	2.92
1969: August.....	116.51	38.2	3.05	129.51	40.6	3.19	139.33	41.1	3.39	116.51	39.9	2.92
1969: September.....	117.80	38.0	3.10	132.84	41.0	3.24	143.45	41.7	3.44	118.00	40.0	2.95
1969: October.....	117.25	37.7	3.11	132.28	40.7	3.25	142.42	41.4	3.44	117.51	39.7	2.96
1969: November.....	116.63	37.5	3.11	132.36	40.6	3.26	142.55	41.2	3.46	117.91	39.7	2.97
Year and month	Mining			Contract construction			Wholesale and retail trade			Finance, insurance, and real estate		
1947.....	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140
1948.....	65.56	39.4	1.664	65.27	38.1	1.713	40.80	40.4	1.010	45.48	37.9	1.200
1949.....	62.33	36.3	1.717	67.56	37.7	1.792	42.93	40.5	1.060	47.63	37.8	1.260
1950.....	67.16	37.9	1.772	69.68	37.4	1.863	44.55	40.5	1.100	50.52	37.7	1.340
1951.....	74.11	38.4	1.93	76.96	38.1	2.02	47.79	40.5	1.18	54.67	37.7	1.45
1952.....	77.59	38.6	2.01	82.86	38.9	2.13	49.20	40.0	1.23	57.08	37.8	1.51
1953.....	83.03	38.8	2.14	86.41	37.9	2.28	51.35	39.5	1.30	59.57	37.7	1.58
1954.....	82.60	38.6	2.14	88.91	37.2	2.39	53.33	39.5	1.35	62.04	37.6	1.65
1955.....	89.54	40.7	2.20	90.90	37.1	2.45	55.16	39.4	1.40	63.92	37.6	1.70
1956.....	95.06	40.8	2.33	96.38	37.5	2.57	57.48	39.1	1.47	65.68	36.9	1.78
1957.....	98.65	40.1	2.46	100.27	37.0	2.71	59.60	38.7	1.54	67.53	36.7	1.84
1958.....	96.08	38.9	2.47	103.78	36.8	2.82	61.76	38.6	1.60	70.12	37.1	1.89
1959.....	103.68	40.5	2.56	108.41	37.0	2.93	64.41	38.8	1.66	72.74	37.3	1.95
1960.....	105.44	40.4	2.61	113.04	36.7	3.08	66.01	38.6	1.71	75.14	37.2	2.02
1961.....	106.92	40.5	2.64	118.08	36.9	3.20	67.41	38.3	1.76	77.12	36.9	2.09
1962.....	110.43	40.9	2.70	122.47	37.0	3.31	69.91	38.2	1.83	80.94	37.3	2.17
1963.....	114.40	41.6	2.75	127.19	37.3	3.41	72.01	38.1	1.89	84.38	37.5	2.25
1964.....	117.74	41.9	2.81	132.06	37.2	3.55	74.28	37.9	1.96	85.79	37.3	2.30
1965.....	123.52	42.3	2.92	138.38	37.4	3.70	76.53	37.7	2.03	88.91	37.2	2.39
1966.....	130.24	42.7	3.05	146.26	37.6	3.89	79.02	37.1	2.13	92.13	37.3	2.47
1967.....	135.89	42.6	3.19	154.95	37.7	4.11	81.76	36.5	2.24	95.46	37.0	2.58
1968.....	143.05	42.7	3.35	164.56	37.4	4.40	86.40	36.0	2.40	101.75	37.0	2.75
1968: November.....	148.52	42.8	3.47	159.35	35.1	4.54	87.33	35.5	2.46	103.69	36.9	2.81
1968: December.....	151.12	43.3	3.49	168.81	37.1	4.55	87.96	35.9	2.45	104.99	37.1	2.83
1969: January.....	150.15	42.9	3.50	168.09	36.7	4.58	88.40	35.5	2.49	106.76	37.2	2.87
1969: February.....	149.60	42.5	3.52	166.90	36.6	4.56	88.60	35.3	2.51	107.59	37.1	2.90
1969: March.....	148.54	42.2	3.52	171.86	37.2	4.62	88.85	35.4	2.51	107.22	37.1	2.89
1969: April.....	154.78	43.6	3.55	174.46	37.6	4.64	88.96	35.3	2.52	106.85	37.1	2.88
1969: May.....	155.30	43.5	3.57	179.92	38.2	4.71	89.92	35.4	2.54	107.30	37.0	2.90
1969: June.....	150.88	42.5	3.55	181.34	38.5	4.71	91.55	35.9	2.55	108.70	37.1	2.93
1969: July.....	154.30	43.1	3.58	183.91	38.8	4.74	93.08	36.5	2.55	107.96	37.1	2.91
1969: August.....	156.88	43.7	3.59	187.77	39.2	4.79	93.70	36.6	2.56	108.04	37.0	2.92
1969: September.....	157.91	43.5	3.63	192.96	39.3	4.91	92.46	35.7	2.59	108.41	37.0	2.93
1969: October.....	159.71	43.4	3.68	189.20	38.3	4.94	92.13	35.3	2.61	109.45	37.1	2.95
1969: November.....	159.71	43.4	3.68	182.78	37.0	4.94	91.96	35.1	2.62	111.15	37.3	2.98

¹For coverage of series, see footnote 1, table B-2.

NOTE: Data include Alaska and Hawaii beginning 1959. Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry²

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
	TOTAL PRIVATE	\$116.63	\$117.25	\$117.80	\$109.50	\$110.29	\$3.11	\$3.11	\$3.10	\$2.92	\$2.91
	MINING	159.71	159.71	157.91	148.52	138.86	3.68	3.68	3.63	3.47	3.33
10	METAL MINING.....	-	162.26	160.70	149.80	151.99	-	3.73	3.72	3.50	3.47
101	Iron ores.....	-	159.33	160.06	143.68	145.08	-	3.83	3.82	3.61	3.60
102	Copper ores.....	-	172.24	171.03	160.40	164.64	-	3.72	3.71	3.42	3.43
11,12	COAL MINING.....	-	174.10	166.83	165.65	110.78	-	4.32	4.15	4.09	3.73
12	Bituminous coal and lignite mining.....	-	176.58	169.29	167.68	109.91	-	4.36	4.18	4.13	3.79
13	OIL AND GAS EXTRACTION.....	-	151.11	150.77	143.01	141.81	-	3.45	3.45	3.28	3.26
131,2	Crude petroleum and natural gas fields.....	-	145.84	147.83	138.04	136.21	-	3.61	3.65	3.40	3.38
138	Oil and gas field services.....	-	154.22	152.97	146.38	145.78	-	3.36	3.34	3.21	3.19
14	NONMETALLIC MINERALS, EXCEPT FUELS.....	-	157.64	159.06	137.28	145.07	-	3.39	3.37	3.12	3.14
142	Crushed and broken stone.....	-	161.81	166.30	135.44	145.62	-	3.35	3.38	3.03	3.04
	CONTRACT CONSTRUCTION	182.78	189.20	192.96	159.35	173.57	4.94	4.94	4.91	4.53	4.52
15	GENERAL BUILDING CONTRACTORS.....	-	174.80	175.58	149.36	160.88	-	4.75	4.72	4.38	4.36
16	HEAVY CONSTRUCTION CONTRACTORS.....	-	198.05	208.30	154.29	178.51	-	4.66	4.66	4.17	4.22
161	Highway and street construction.....	-	185.22	200.68	142.92	177.94	-	4.41	4.43	3.97	4.10
162	Heavy construction, n.e.c.....	-	208.92	215.25	164.49	179.24	-	4.87	4.87	4.34	4.34
17	SPECIAL TRADE CONTRACTORS.....	-	194.18	195.94	167.74	179.73	-	5.22	5.17	4.82	4.78
171	Plumbing, heating, air conditioning.....	-	207.58	207.76	183.52	191.88	-	5.35	5.30	4.92	4.92
172	Painting, paper hanging, decorating.....	-	175.37	180.56	156.62	164.16	-	4.94	4.92	4.62	4.56
173	Electrical work.....	-	232.47	231.26	199.81	210.27	-	5.74	5.71	5.30	5.27
174	Masonry, stonework, and plastering.....	-	176.46	178.92	146.32	164.37	-	5.10	5.04	4.66	4.63
176	Roofing and sheetmetal work.....	-	162.15	163.30	130.51	148.97	-	4.70	4.60	4.21	4.22
	MANUFACTURING	132.36	132.28	132.84	125.97	125.77	3.26	3.25	3.24	3.08	3.06
19,24,25,32-39	DURABLE GOODS.....	142.55	142.42	143.45	136.36	135.43	3.46	3.44	3.44	3.27	3.24
20-23,26-31	NONDURABLE GOODS.....	117.91	117.51	118.00	111.72	111.88	2.97	2.96	2.95	2.80	2.79
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES.....	143.26	141.40	141.69	138.86	140.10	3.52	3.50	3.49	3.33	3.32
192	Ammunition, except for small arms.....	137.60	136.57	136.80	137.03	138.69	3.44	3.44	3.42	3.31	3.31
1925	Complete guided missiles.....	-	170.53	171.78	161.70	160.09	-	4.07	4.09	3.85	3.83
1929	Ammunition, exc. for small arms, nec.....	-	118.58	118.26	122.89	124.32	-	3.08	3.04	2.99	2.96
24	LUMBER AND WOOD PRODUCTS.....	113.88	113.65	114.33	105.73	107.68	2.84	2.82	2.83	2.63	2.62
242	Sawmills and planing mills.....	108.93	109.21	109.89	101.45	104.33	2.73	2.71	2.72	2.53	2.52
2421	Sawmills and planing mills, general.....	-	112.96	113.52	104.54	107.38	-	2.81	2.81	2.62	2.60
243	Millwork, plywood & related products.....	118.90	119.80	120.29	115.51	115.09	2.98	2.98	2.97	2.79	2.78
2431	Millwork.....	-	117.41	116.13	111.08	110.15	-	2.98	2.94	2.77	2.74
2432	Veneer and plywood.....	-	120.42	121.84	119.97	118.00	-	2.93	2.95	2.79	2.77
244	Wooden containers.....	91.49	92.27	91.18	87.07	89.87	2.34	2.33	2.32	2.21	2.23
2441,2	Wooden boxes, shooks, and crates.....	-	90.57	91.14	84.14	87.67	-	2.27	2.29	2.13	2.17
249	Miscellaneous wood products.....	101.40	102.09	101.50	94.83	95.17	2.51	2.49	2.50	2.33	2.31
25	FURNITURE AND FIXTURES.....	108.14	108.81	109.08	103.48	104.58	2.69	2.68	2.68	2.53	2.52
251	Household furniture.....	(*)	102.21	102.21	97.92	99.36	(*)	2.53	2.53	2.40	2.40
2511	Wood household furniture.....	-	97.82	97.82	93.15	93.86	-	2.38	2.38	2.25	2.24
2512	Upholstered household furniture.....	-	107.32	106.77	106.08	106.81	-	2.71	2.71	2.60	2.58
2515	Mattresses and bedsprings.....	-	107.53	110.25	104.02	105.32	-	2.75	2.77	2.64	2.62
252	Office furniture.....	-	126.96	127.67	117.88	120.70	-	3.03	2.99	2.82	2.82
254	Partitions and fixtures.....	-	133.82	137.45	124.09	125.87	-	3.28	3.32	3.11	3.07
253,9	Other furniture and fixtures.....	116.97	115.83	116.00	110.83	112.59	2.86	2.86	2.85	2.69	2.70
32	STONE, CLAY, AND GLASS PRODUCTS.....	136.36	137.57	138.45	127.49	129.93	3.27	3.26	3.25	3.05	3.05
321	Flat glass.....	-	178.43	175.09	163.88	169.89	-	4.14	4.11	3.82	3.87
322	Glass and glassware, pressed or blown.....	133.98	133.57	132.76	128.44	127.51	3.30	3.29	3.27	3.11	3.11
3221	Glass containers.....	-	137.23	137.23	132.66	132.43	-	3.38	3.38	3.22	3.23
3229	Pressed and blown glass, n.e.c.....	-	128.39	126.67	122.54	120.83	-	3.17	3.12	2.96	2.94
324	Cement, hydraulic.....	166.30	166.34	163.31	152.58	148.45	3.95	3.97	3.87	3.59	3.56
325	Structural clay products.....	111.52	111.24	112.20	104.90	106.55	2.74	2.74	2.73	2.59	2.58
3251	Brick and structural clay tile.....	-	106.71	106.91	99.55	102.24	-	2.59	2.57	2.44	2.44
326	Pottery and related products.....	-	116.11	115.63	111.88	110.25	-	2.91	2.92	2.79	2.77
327	Concrete, gypsum, and plaster products.....	140.38	147.19	148.62	131.15	138.46	3.28	3.33	3.31	3.05	3.07
328,9	Other stone and nonmetallic mineral products.....	136.95	135.94	136.83	128.54	128.74	3.30	3.26	3.25	3.09	3.08
3291	Abrasive products.....	-	129.81	130.61	127.28	124.43	-	3.32	3.29	3.19	3.15

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
-	TOTAL PRIVATE	37.5	37.7	38.0	37.5	37.9	-	-	-	-	-
-	MINING	43.4	43.4	43.5	42.8	41.7	-	-	-	-	-
10	METAL MINING	-	43.5	43.2	42.8	43.8	-	-	-	-	-
101	Iron ores	-	41.6	41.9	39.8	40.3	-	-	-	-	-
102	Copper ores	-	46.3	46.1	46.9	48.0	-	-	-	-	-
11,12	COAL MINING	-	40.3	40.2	40.5	29.7	-	-	-	-	-
12	Bituminous coal and lignite mining	-	40.5	40.5	40.6	29.0	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	43.8	43.7	43.6	43.5	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.4	40.5	40.6	40.3	-	-	-	-	-
138	Oil and gas field services	-	45.9	45.8	45.6	45.7	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	46.5	47.2	44.0	46.2	-	-	-	-	-
142	Crushed and broken stone	-	48.3	49.2	44.7	47.9	-	-	-	-	-
-	CONTRACT CONSTRUCTION	37.0	38.3	39.3	35.1	38.4	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	36.8	37.2	34.1	36.9	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	-	42.5	44.7	37.0	42.3	-	-	-	-	-
161	Highway and street construction	-	42.0	45.3	36.0	43.4	-	-	-	-	-
162	Heavy construction, n e c	-	42.9	44.2	37.9	41.3	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	37.2	37.9	34.8	37.6	-	-	-	-	-
171	Plumbing, heating, air conditioning	-	38.8	39.2	37.3	39.0	-	-	-	-	-
172	Painting, paper hanging, decorating	-	35.5	36.7	33.9	36.0	-	-	-	-	-
173	Electrical work	-	40.5	40.5	37.7	39.9	-	-	-	-	-
174	Masonry, stonework, and plastering	-	34.6	35.5	31.4	35.5	-	-	-	-	-
176	Roofing and sheet metal work	-	34.5	35.5	31.0	35.3	-	-	-	-	-
-	MANUFACTURING	40.6	40.7	41.0	40.9	41.1	3.5	3.7	4.0	3.9	3.9
19,24,25,32-39	DURABLE GOODS	41.2	41.4	41.7	41.7	41.8	3.6	3.9	4.2	4.2	4.2
20-23,26-31	NONDURABLE GOODS	39.7	39.7	40.0	39.9	40.1	3.3	3.4	3.7	3.5	3.5
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	40.7	40.4	40.6	41.7	42.2	-	2.7	2.6	3.8	3.6
192	Ammunition, except for small arms	40.0	39.7	40.0	41.4	41.9	-	2.2	2.2	3.7	3.5
1925	Complete guided missiles	-	41.9	42.0	42.0	41.8	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	38.5	38.9	41.1	42.0	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.1	40.3	40.4	40.2	41.1	-	3.7	3.8	4.0	4.3
242	Sawmills and planing mills	39.9	40.3	40.4	40.1	41.4	-	4.0	4.0	4.2	4.5
2421	Sawmills and planing mills, general	-	40.2	40.4	39.9	41.3	-	-	-	-	-
243	Millwork, plywood & related products	39.9	40.2	40.5	41.4	41.4	-	3.2	3.5	4.3	4.4
2431	Millwork	-	39.4	39.5	40.1	40.2	-	-	-	-	-
2432	Veneer and plywood	-	41.1	41.3	43.0	42.6	-	-	-	-	-
244	Wooden containers	39.1	39.6	39.3	39.4	40.3	-	3.5	3.2	3.0	3.2
2441,2	Wooden boxes, shooks, and crates	-	39.9	39.8	39.5	40.4	-	-	-	-	-
249	Miscellaneous wood products	40.4	41.0	40.6	40.7	41.2	-	3.8	4.1	3.7	3.9
25	FURNITURE AND FIXTURES	40.2	40.6	40.7	40.9	41.5	-	3.5	3.7	3.7	4.0
251	Household furniture	(*)	40.4	40.4	40.8	41.4	-	3.3	3.5	3.6	3.9
2511	Wood household furniture	-	41.1	41.1	41.4	41.9	-	-	-	-	-
2512	Upholstered household furniture	-	39.6	39.4	40.8	41.4	-	-	-	-	-
2515	Mattresses and bedsprings	-	39.1	39.8	39.4	40.2	-	-	-	-	-
252	Office furniture	-	41.9	42.7	41.8	42.8	-	4.6	4.9	4.1	4.8
254	Partitions and fixtures	-	40.8	41.4	39.9	41.0	-	3.7	4.1	3.5	3.8
253,9	Other furniture and fixtures	40.7	40.5	40.7	41.2	41.7	-	3.4	3.9	4.3	4.6
32	STONE, CLAY, AND GLASS PRODUCTS	41.7	42.2	42.6	41.8	42.6	-	4.9	5.3	4.7	5.1
321	Flat glass	-	43.1	42.6	42.9	43.9	-	4.8	5.2	5.0	6.2
322	Glass and glassware, pressed or blown	40.6	40.6	40.6	41.3	41.0	-	4.6	4.7	4.8	4.5
3221	Glass containers	-	40.6	40.6	41.2	41.0	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	40.5	40.6	41.4	41.1	-	-	-	-	-
324	Cement, hydraulic	42.1	41.9	42.2	42.5	41.7	-	3.3	3.4	2.7	2.6
325	Structural clay products	40.7	40.6	41.1	40.5	41.3	-	3.9	4.2	3.8	4.1
3251	Brick and structural clay tile	-	41.2	41.6	40.8	41.9	-	-	-	-	-
326	Pottery and related products	-	39.9	39.6	40.1	39.8	-	2.9	2.9	3.0	2.7
327	Concrete, gypsum and plaster products	42.8	44.2	44.9	43.0	45.1	-	6.9	7.5	6.1	7.4
328,9	Other stone and nonmetallic mineral products	41.5	41.7	42.1	41.6	41.8	-	4.3	4.5	4.0	4.3
3291	Abrasive products	-	39.1	39.7	39.9	39.5	-	-	-	-	-

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	\$159.78	\$160.55	\$162.93	\$149.14	\$147.24	\$3.85	\$3.85	\$3.87	\$3.62	\$3.60
331	Blast furnace and basic steel products ..	(*)	169.33	173.06	150.51	148.22	(*)	4.11	4.15	3.82	3.82
3312	Blast furnaces and steel mills	-	171.80	175.55	152.49	149.77	-	4.18	4.22	3.89	3.89
332	Iron and steel foundries	153.06	153.13	153.00	146.89	145.52	3.61	3.62	3.60	3.44	3.40
3321	Gray iron foundries	-	155.06	153.79	148.70	148.34	-	3.64	3.61	3.45	3.41
3322	Malleable iron foundries	-	151.66	154.80	144.08	142.80	-	3.69	3.73	3.54	3.50
3323	Steel foundries	-	148.26	149.88	143.14	139.44	-	3.53	3.51	3.36	3.32
333,4	Nonferrous metals	159.41	155.13	157.01	148.17	146.63	3.69	3.65	3.66	3.47	3.45
3334	Primary aluminum	-	166.01	166.00	162.93	161.54	-	4.01	4.00	3.87	3.81
335	Nonferrous rolling and drawing	152.64	151.79	152.44	149.39	148.09	3.60	3.58	3.57	3.45	3.42
3351	Copper rolling and drawing	-	153.79	157.91	150.42	150.42	-	3.61	3.63	3.49	3.45
3352	Aluminum rolling and drawing	-	156.28	153.55	155.05	151.03	-	3.66	3.63	3.54	3.48
3357	Nonferrous wire drawing and insulating ..	-	147.63	150.23	145.86	145.34	-	3.49	3.51	3.40	3.38
336	Nonferrous foundries	134.74	139.40	139.93	133.63	134.37	3.36	3.40	3.38	3.22	3.23
3361	Aluminum castings	-	140.13	141.51	138.36	139.86	-	3.46	3.46	3.31	3.33
3362,9	Other nonferrous castings	-	137.86	138.60	128.64	128.64	-	3.33	3.30	3.13	3.13
339	Miscellaneous primary metal products ...	(*)	170.07	172.10	167.70	161.59	(*)	4.03	4.04	3.90	3.82
3391	Iron and steel forgings	-	176.40	180.19	174.62	167.16	-	4.19	4.22	4.08	3.98
34	FABRICATED METAL PRODUCTS	142.20	141.70	142.72	137.05	136.53	3.41	3.39	3.39	3.24	3.22
341	Metal cans	166.32	160.36	173.16	164.21	165.39	3.85	3.80	3.90	3.69	3.70
342	Cutlery, hand tools, and hardware	132.99	132.66	132.89	129.17	129.69	3.22	3.22	3.21	3.12	3.11
3421,3,5	Cutlery and hand tools, incl. saws	-	131.65	130.10	125.93	124.56	-	3.18	3.15	3.02	2.98
3429	Hardware, n e c	-	132.84	134.55	131.02	132.61	-	3.24	3.25	3.18	3.18
343	Plumbing and heating, except electric ..	127.84	129.97	127.17	126.88	125.25	3.18	3.17	3.14	3.05	3.04
3431,2	Sanitary ware & plumbers' brass goods ..	-	129.44	128.24	130.00	127.72	-	3.22	3.19	3.11	3.10
3433	Heating equipment, except electric	-	130.52	125.76	124.20	122.89	-	3.13	3.09	3.00	2.99
344	Fabricated structural metal products	140.15	140.69	140.19	132.29	131.67	3.41	3.39	3.37	3.18	3.15
3441	Fabricated structural steel	-	141.86	142.38	131.24	133.04	-	3.41	3.39	3.17	3.16
3442	Metal doors, sash, and trim	-	117.38	115.71	111.52	113.02	-	2.92	2.90	2.74	2.73
3443	Fabricated plate work (boiler shops) ..	-	152.70	151.79	143.31	140.19	-	3.61	3.58	3.38	3.33
3444	Sheet metal work	-	147.08	146.97	136.04	135.71	-	3.57	3.55	3.31	3.27
3446,9	Architectural and misc. metal work	-	135.20	134.46	131.35	130.31	-	3.25	3.24	3.12	3.11
345	Screw machine products, bolts, etc.	148.95	147.49	148.77	141.26	140.39	3.44	3.43	3.42	3.24	3.22
3451	Screw machine products	-	141.28	141.10	134.90	133.30	-	3.34	3.32	3.13	3.10
3452	Bolts, nuts, rivets, and washers	-	153.39	156.20	147.29	147.63	-	3.51	3.51	3.34	3.34
346	Metal stampings	(*)	159.04	161.32	157.44	155.76	(*)	3.69	3.70	3.57	3.54
347	Metal services, n e c	123.42	122.21	123.90	117.42	117.26	3.04	3.01	3.00	2.85	2.86
348	Misc. fabricated wire products	126.18	124.85	125.77	121.89	121.35	3.07	3.06	3.06	2.93	2.91
349	Misc. fabricated metal products	137.12	136.21	137.28	131.67	130.83	3.32	3.29	3.30	3.15	3.13
3494,8	Valves, pipe, and pipe fittings	-	140.03	139.95	134.40	133.46	-	3.35	3.34	3.20	3.17
35	MACHINERY, EXCEPT ELECTRICAL	157.19	155.61	155.00	145.94	145.09	3.69	3.67	3.63	3.45	3.43
351	Engines and turbines	(*)	161.52	161.90	161.16	156.04	(*)	3.93	3.92	3.81	3.76
3511	Steam engines and turbines	-	170.43	170.40	172.80	165.45	-	4.01	4.00	4.00	3.93
3519	Internal combustion engines, n e c	-	157.55	158.30	156.29	152.03	-	3.89	3.88	3.73	3.69
352	Farm machinery	-	146.61	143.78	136.57	140.59	-	3.62	3.55	3.44	3.48
353	Construction and related machinery	153.97	153.97	152.44	144.75	144.67	3.64	3.64	3.57	3.43	3.42
3531,2	Construction and mining machinery	-	156.42	155.24	147.62	148.26	-	3.76	3.67	3.54	3.53
3533	Oil field machinery	-	152.43	145.82	140.51	139.97	-	3.41	3.36	3.26	3.24
3535,6	Conveyors, hoists, cranes, monorails ..	-	155.30	155.81	141.95	143.05	-	3.62	3.59	3.34	3.35
3537	Industrial trucks and tractors	-	139.18	144.05	140.04	132.93	-	3.37	3.35	3.19	3.15
354	Metal working machinery	177.68	175.16	177.01	161.39	158.11	4.02	3.99	3.96	3.71	3.66
3541	Machine tools, metal cutting types	-	167.06	172.43	156.09	156.02	-	3.94	3.91	3.63	3.62
3544	Special dies, tools, jigs & fixtures ..	-	197.42	196.85	177.46	173.21	-	4.32	4.27	3.97	3.91
3545	Machine tool accessories	-	154.14	153.97	144.63	142.04	-	3.67	3.64	3.46	3.39
3542,8	Misc. metal working machinery	-	159.21	162.06	148.01	145.01	-	3.66	3.65	3.45	3.42
355	Special industry machinery	150.67	146.80	148.34	138.78	138.67	3.44	3.43	3.41	3.25	3.24
3551	Food products machinery	-	150.52	151.79	139.11	138.69	-	3.55	3.53	3.32	3.31
3552	Textile machinery	-	123.43	126.42	118.58	119.26	-	2.96	2.94	2.79	2.78
3555	Printing trades machinery	-	158.41	155.66	150.73	153.28	-	3.65	3.62	3.53	3.54
356	General industrial machinery	154.28	154.34	154.21	146.54	144.16	3.63	3.64	3.62	3.44	3.40
3561	Pumps and compressors	-	149.52	149.32	143.38	142.10	-	3.56	3.53	3.35	3.32
3562	Ball and roller bearings	-	157.99	159.47	151.79	149.72	-	3.70	3.70	3.53	3.49
3564	Blowers and fans	-	143.52	141.76	135.58	133.46	-	3.33	3.32	3.19	3.17
3566	Power transmission equipment	-	154.51	152.44	147.06	142.55	-	3.61	3.57	3.42	3.37
357	Office and computing machines	(*)	153.30	150.23	142.88	143.90	(*)	3.65	3.62	3.41	3.41
3573	Electronic computing equipment	-	151.26	151.62	149.02	147.56	-	3.61	3.61	3.41	3.40
358	Service industry machines	(*)	133.82	134.56	129.68	126.58	(*)	3.28	3.29	3.14	3.11
3585	Refrigeration machinery	-	134.72	135.46	131.97	126.67	-	3.31	3.32	3.18	3.12
359	Misc. machinery, except electrical	152.44	153.58	151.12	141.01	141.47	3.57	3.58	3.49	3.31	3.29

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	41.5	41.7	42.1	41.2	40.9	-	4.2	4.5	3.8	3.6
331	Blast furnaces and basic steel products	(*)	41.2	41.7	39.4	38.8	-	3.4	3.7	2.0	1.7
3312	Blast furnaces and steel mills	-	41.1	41.6	39.2	38.5	-	-	-	-	-
332	Iron and steel foundries	42.4	42.3	42.5	42.7	42.8	-	5.3	5.6	5.8	5.7
3321	Gray iron foundries	-	42.6	42.6	43.1	43.5	-	-	-	-	-
3322	Malleable iron foundries	-	41.1	41.5	40.7	40.8	-	-	-	-	-
3323	Steel foundries	-	42.0	42.7	42.6	42.0	-	-	-	-	-
333,4	Nonferrous metals	43.2	42.5	42.9	42.7	42.5	-	4.9	5.1	4.5	4.5
3334	Primary aluminum	-	41.4	41.5	42.1	42.4	-	-	-	-	-
335	Nonferrous rolling and drawing	42.4	42.4	42.7	43.3	43.3	-	4.8	4.9	5.2	5.4
3351	Copper rolling and drawing	-	42.6	43.5	43.1	43.6	-	-	-	-	-
3352	Aluminum rolling and drawing	-	42.7	42.3	43.8	43.4	-	-	-	-	-
3357	Nonferrous wire drawing and insulating	-	42.3	42.8	42.9	43.0	-	-	-	-	-
336	Nonferrous foundries	40.1	41.0	41.4	41.5	41.6	-	3.9	4.5	4.3	4.6
3361	Aluminum castings	-	40.5	40.9	41.8	42.0	-	-	-	-	-
3362,9	Other nonferrous castings	-	41.4	42.0	41.1	41.1	-	-	-	-	-
339	Miscellaneous primary metal products	(*)	42.2	42.6	43.0	42.3	-	5.3	5.7	5.4	5.2
3391	Iron and steel forgings	-	42.1	42.7	42.8	42.0	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	41.7	41.8	42.1	42.3	42.4	-	4.3	4.7	4.8	4.9
341	Metal cans	43.2	42.2	44.4	44.5	44.7	-	3.5	6.1	5.6	5.9
342	Cutlery, hand tools, and hardware	41.3	41.2	41.4	41.4	41.7	-	3.3	3.5	3.6	4.0
3421,3,5	Cutlery and hand tools, incl. saws	-	41.4	41.3	41.7	41.8	-	-	-	-	-
3429	Hardware, n e c	-	41.0	41.2	41.7	41.7	-	-	-	-	-
343	Plumbing and heating, except electric	40.2	41.0	40.5	41.6	41.2	-	3.6	3.4	4.0	3.6
3431,2	Sanitary ware & plumbers' brass goods	-	40.2	40.2	41.8	41.2	-	-	-	-	-
3433	Heating equipment, except electric	-	41.7	40.7	41.4	41.1	-	-	-	-	-
344	Fabricated structural metal products	41.1	41.5	41.6	41.6	41.8	-	4.1	4.3	4.1	4.3
3441	Fabricated structural steel	-	41.6	42.0	41.4	42.1	-	-	-	-	-
3442	Metal doors, sash, and trim	-	40.2	39.9	40.7	41.4	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	42.3	42.4	42.4	42.1	-	-	-	-	-
3444	Sheet metal work	-	41.2	41.4	41.1	41.5	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	41.6	41.5	42.1	41.9	-	-	-	-	-
345	Screw machine products, bolts, etc.	43.3	43.0	43.5	43.6	43.6	-	5.8	5.9	5.9	5.4
3451	Screw machine products	-	42.3	42.5	43.1	43.0	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	43.7	44.5	44.1	44.2	-	-	-	-	-
346	Metal stampings	(*)	43.1	43.6	44.1	44.0	-	5.3	5.9	6.7	7.0
347	Metal services, n e c	40.6	40.6	41.3	41.2	41.0	-	4.7	4.5	4.3	4.5
348	Misc. fabricated wire products	41.1	40.8	41.1	41.6	41.7	-	4.0	4.1	4.2	4.2
349	Misc. fabricated metal products	41.3	41.4	41.6	41.8	41.8	-	3.7	3.9	4.1	4.0
3494,8	Valves, pipe, and pipe fittings	-	41.8	41.9	42.0	42.1	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	42.6	42.4	42.7	42.3	42.3	-	4.6	4.9	4.3	4.2
351	Engines and turbines	(*)	41.1	41.3	42.3	41.5	-	4.7	4.8	5.0	4.5
3511	Steam engines and turbines	-	42.5	42.6	43.2	42.1	-	-	-	-	-
3519	Internal combustion engines, n e c	-	40.5	40.8	41.9	41.2	-	-	-	-	-
352	Farm machinery	-	40.5	40.5	39.7	40.4	-	3.0	2.8	2.1	2.9
353	Construction and related machinery	42.3	42.3	42.7	42.2	42.3	-	4.0	4.5	3.6	3.9
3531,2	Construction and mining machinery	-	41.6	42.3	41.7	42.0	-	-	-	-	-
3533	Oil field machinery	-	44.7	43.4	43.1	43.2	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	42.9	43.4	42.5	42.7	-	-	-	-	-
3537	Industrial trucks and tractors	-	41.3	43.0	43.9	42.2	-	-	-	-	-
354	Metal working machinery	44.2	43.9	44.7	43.5	43.2	-	6.0	6.3	5.3	4.9
3541	Machine tools, metal cutting types	-	42.4	44.1	43.0	43.1	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures	-	45.7	46.1	44.7	44.3	-	-	-	-	-
3545	Machine tool accessories	-	42.0	42.3	41.8	41.9	-	-	-	-	-
3542,8	Misc. metal working machinery	-	43.5	44.4	42.9	42.4	-	-	-	-	-
355	Special industry machinery	43.8	42.8	43.5	42.7	42.8	-	4.8	5.3	4.6	4.5
3551	Food products machinery	-	42.4	43.0	41.9	41.9	-	-	-	-	-
3552	Textile machinery	-	41.7	43.0	42.5	42.9	-	-	-	-	-
3555	Printing trades machinery	-	43.4	43.0	42.7	43.3	-	-	-	-	-
356	General industrial machinery	42.5	42.4	42.6	42.6	42.4	-	4.6	4.7	4.4	4.2
3561	Pumps and compressors	-	42.0	42.3	42.8	42.8	-	-	-	-	-
3562	Ball and roller bearings	-	42.7	43.1	43.0	42.9	-	-	-	-	-
3564	Blowers and fans	-	43.1	42.7	42.5	42.1	-	-	-	-	-
3566	Power transmission equipment	-	42.8	42.7	43.0	42.3	-	-	-	-	-
357	Office and computing machines	(*)	42.0	41.5	41.9	42.2	-	3.7	3.7	3.2	3.4
3573	Electronic computing equipment	-	41.9	42.0	43.7	43.4	-	-	-	-	-
358	Service industry machines	(*)	40.8	40.9	41.3	40.7	-	2.9	3.1	3.3	3.1
3585	Refrigeration machinery	-	40.7	40.8	41.5	40.6	-	-	-	-	-
359	Misc. machinery, except electrical	42.7	42.9	43.3	42.6	43.0	-	5.5	5.9	5.2	5.3

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$126.54	\$126.45	\$127.39	\$122.10	\$120.99	\$3.14	\$3.13	\$3.13	\$3.00	\$2.98
361	Electric test & distributing equipment...	(*)	133.49	134.69	132.19	129.17	(*)	3.24	3.23	3.17	3.12
3611	Electric measuring instruments...	-	120.30	120.88	116.69	115.30	-	3.00	2.97	2.86	2.84
3612	Transformers...	-	137.19	137.57	133.76	131.56	-	3.29	3.26	3.20	3.17
3613	Switchgear and switchboard apparatus...	-	141.70	143.90	143.31	138.60	-	3.39	3.41	3.38	3.30
362	Electrical industrial apparatus...	(*)	133.08	133.95	128.03	126.28	(*)	3.23	3.22	3.10	3.08
3621	Motors and generators...	-	134.64	136.50	131.36	130.00	-	3.26	3.25	3.15	3.14
3622	Industrial controls...	-	129.02	130.29	121.39	120.09	-	3.17	3.17	2.99	2.98
363	Household appliances...	(*)	133.25	134.97	132.66	132.16	(*)	3.29	3.30	3.22	3.20
3632	Household refrigerators and freezers...	-	146.21	149.51	147.91	146.56	-	3.61	3.62	3.59	3.54
3633	Household laundry equipment...	-	140.48	137.76	140.27	141.20	-	3.46	3.47	3.38	3.37
3634	Electric housewares and fans...	-	109.76	111.78	105.41	105.67	-	2.71	2.70	2.59	2.59
364	Electric lighting and wiring equipment...	(*)	117.60	118.89	113.81	112.56	(*)	2.94	2.95	2.81	2.80
3641	Electric lamps...	-	117.71	117.51	114.90	114.51	-	2.98	2.96	2.83	2.87
3642	Lighting fixtures...	-	119.10	121.20	114.74	113.24	-	3.00	3.03	2.84	2.81
3643,4	Wiring devices...	-	116.76	118.03	112.46	111.63	-	2.89	2.90	2.77	2.77
365	Radio and TV receiving equipment...	(*)	105.54	103.85	101.39	100.47	(*)	2.72	2.74	2.58	2.55
366	Communication equipment...	(*)	146.56	147.91	136.37	135.96	(*)	3.54	3.53	3.31	3.30
3661	Telephone and telegraph apparatus...	-	153.65	157.11	139.67	138.99	-	3.59	3.62	3.39	3.39
3662	Radio and TV communication equipment...	-	142.51	142.68	135.05	134.64	-	3.51	3.48	3.27	3.26
367	Electronic components and accessories...	(*)	106.23	107.32	103.10	102.56	(*)	2.71	2.71	2.61	2.59
3671-3	Electron tubes...	-	120.30	119.50	109.98	111.39	-	3.00	2.98	2.82	2.82
3674,9	Other electronic components...	-	103.35	105.07	101.38	100.58	-	2.65	2.66	2.56	2.54
369	Misc. electrical equipment & supplies...	(*)	137.50	138.84	140.19	135.94	(*)	3.37	3.37	3.33	3.26
3694	Engine electrical equipment...	-	138.25	141.80	143.44	138.45	-	3.50	3.51	3.49	3.41
37	TRANSPORTATION EQUIPMENT...	164.39	166.32	167.09	165.02	162.92	3.99	3.96	3.95	3.82	3.78
371	Motor vehicles and equipment...	(*)	173.44	178.02	181.75	178.20	(*)	4.11	4.14	4.03	3.96
3711	Motor vehicles...	-	181.05	186.19	188.24	189.60	-	4.25	4.29	4.11	4.06
3712	Passenger car bodies...	-	186.19	189.23	201.71	194.19	-	4.33	4.35	4.31	4.24
3713	Truck and bus bodies...	-	140.35	137.90	137.94	130.41	-	3.44	3.38	3.34	3.22
3714	Motor vehicle parts and accessories...	-	171.35	175.89	180.59	172.92	-	4.07	4.10	4.04	3.93
3715	Truck trailers...	-	123.86	126.27	121.36	121.77	-	3.12	3.11	2.96	2.97
372	Aircraft and parts...	(*)	166.30	162.96	157.50	155.17	(*)	3.95	3.88	3.75	3.73
3721	Aircraft...	-	167.56	163.38	158.84	156.91	-	3.98	3.89	3.80	3.79
3722	Aircraft engines and engine parts...	-	163.12	163.86	158.30	154.01	-	3.94	3.92	3.76	3.72
3723,9	Other aircraft parts and equipment...	-	165.21	160.74	153.06	152.51	-	3.86	3.80	3.61	3.58
373	Ship and boat building and repairing...	(*)	153.18	151.94	140.24	141.86	(*)	3.70	3.67	3.48	3.46
3731	Ship building and repairing...	-	162.68	161.07	148.74	150.10	-	3.92	3.90	3.70	3.67
3732	Boat building and repairing...	-	119.02	120.35	112.61	113.02	-	2.91	2.90	2.76	2.73
374	Railroad equipment...	-	163.68	161.85	147.17	147.10	-	3.92	3.90	3.67	3.65
375,9	Other transportation equipment...	-	117.81	118.19	113.77	114.77	-	2.96	2.94	2.83	2.82
38	INSTRUMENTS AND RELATED PRODUCTS...	134.14	131.70	131.84	124.75	123.22	3.24	3.22	3.20	3.05	3.02
381	Engineering & scientific instruments...	-	150.12	151.50	141.86	141.28	-	3.60	3.59	3.41	3.38
382	Mechanical measuring & control devices...	129.02	127.66	129.74	121.60	119.69	3.17	3.16	3.18	3.01	2.97
3821	Mechanical measuring devices...	-	130.24	132.34	122.82	119.90	-	3.20	3.22	3.04	2.99
3822	Automatic temperature controls...	-	124.71	126.36	119.29	119.07	-	3.11	3.12	2.96	2.94
383,5	Optical and ophthalmic goods...	123.53	123.12	123.22	113.88	114.17	3.05	3.04	3.02	2.84	2.84
385	Ophthalmic goods...	-	111.67	111.88	102.70	103.74	-	2.82	2.79	2.60	2.60
384	Medical instruments and supplies...	112.96	110.92	111.23	108.00	106.66	2.81	2.78	2.76	2.66	2.64
386	Photographic equipment and supplies...	(*)	161.41	160.76	151.23	148.97	(*)	3.78	3.73	3.55	3.53
387	Watches, clocks, and watchcases...	-	102.57	102.31	96.61	95.65	-	2.61	2.59	2.49	2.44
39	MISC. MANUFACTURING INDUSTRIES...	106.65	105.99	104.66	100.19	100.15	2.70	2.69	2.67	2.53	2.51
391	Jewelry, silverware, and plated ware...	121.39	120.69	117.60	117.83	116.60	2.99	2.98	2.94	2.86	2.83
394	Toys and sporting goods...	-	92.34	92.11	88.76	89.44	-	2.38	2.38	2.27	2.27
3941-3	Games, toys, dolls & play vehicles...	-	87.17	87.71	84.67	85.06	-	2.27	2.29	2.16	2.17
3949	Sporting and athletic goods, n e c...	-	101.12	99.18	95.55	97.11	-	2.56	2.53	2.45	2.44
395	Pens, pencils, office and art supplies...	-	105.06	105.34	100.65	97.86	-	2.68	2.66	2.51	2.49
396	Costume jewelry and notions...	-	94.60	94.46	91.65	92.66	-	2.47	2.46	2.35	2.34
393,8,9	Other manufacturing industries...	119.69	118.30	116.61	107.86	108.27	2.97	2.95	2.93	2.71	2.70
393	Musical instruments and parts...	-	113.37	115.37	110.70	110.70	-	2.87	2.87	2.72	2.70
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS...	123.00	121.47	123.73	116.28	115.21	3.00	2.97	2.96	2.85	2.81
201	Meat products...	136.43	133.14	133.77	127.98	124.92	3.21	3.17	3.17	3.04	3.01
2011	Meat packing plants...	-	161.25	160.88	155.49	151.08	-	3.75	3.75	3.55	3.53
2013	Sausages and other prepared meats...	-	144.67	145.25	139.03	134.31	-	3.52	3.50	3.35	3.30
2015	Poultry dressing plants...	-	85.27	86.74	77.82	78.01	-	2.09	2.09	1.97	1.96

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.3	40.4	40.7	40.7	40.6	-	2.9	3.1	3.0	2.9
361	Electric test & distributing equipment	(*)	41.2	41.7	41.7	41.4	-	3.3	3.7	3.5	3.2
3611	Electric measuring instruments	-	40.1	40.7	40.8	40.6	-	-	-	-	-
3612	Transformers	-	41.7	42.2	41.8	41.5	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	41.8	42.2	42.4	42.0	-	-	-	-	-
362	Electrical industrial apparatus	(*)	41.2	41.6	41.3	41.0	-	4.0	4.1	3.5	3.1
3621	Motors and generators	-	41.3	42.0	41.7	41.4	-	-	-	-	-
3622	Industrial controls	-	40.7	41.1	40.6	40.3	-	-	-	-	-
363	Household appliances	(*)	40.5	40.9	41.2	41.3	-	3.1	3.4	3.5	3.5
3632	Household refrigerators and freezers	-	40.5	41.3	41.2	41.4	-	-	-	-	-
3633	Household laundry equipment	-	40.6	39.7	41.5	41.9	-	-	-	-	-
3634	Electric housewares and fans	-	40.5	41.4	40.7	40.8	-	-	-	-	-
364	Electric lighting and wiring equipment	(*)	40.0	40.3	40.5	40.2	-	3.0	3.0	2.8	2.6
3641	Electric lamps	-	39.5	39.7	40.6	39.9	-	-	-	-	-
3642	Lighting fixtures	-	39.7	40.0	40.4	40.3	-	-	-	-	-
3643,4	Wiring devices	-	40.4	40.7	40.6	40.3	-	-	-	-	-
365	Radio and TV receiving equipment	(*)	38.8	37.9	39.3	39.4	-	1.8	1.9	2.2	2.3
366	Communication equipment	(*)	41.4	41.9	41.2	41.2	-	3.1	3.5	2.8	2.9
3661	Telephone and telegraph apparatus	-	42.8	43.4	41.2	41.0	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.6	41.0	41.3	41.3	-	-	-	-	-
367	Electronic components and accessories	(*)	39.2	39.6	39.5	39.6	-	2.1	2.4	2.1	2.1
3671-3	Electron tubes	-	40.1	40.1	39.0	39.5	-	-	-	-	-
3674,9	Other electronic components	-	39.0	39.5	39.6	39.6	-	-	-	-	-
369	Misc. electrical equipment & supplies	(*)	40.8	41.2	42.1	41.7	-	3.2	3.2	4.5	4.2
3694	Engine electrical equipment	-	39.5	40.4	41.1	40.6	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	41.2	42.0	42.3	43.2	43.1	-	4.1	4.3	5.6	5.5
371	Motor vehicles and equipment	(*)	42.2	43.0	43.0	45.0	-	4.6	5.0	7.8	7.6
3711	Motor vehicles	-	42.6	43.4	45.8	46.7	-	-	-	-	-
3712	Passenger car bodies	-	43.0	43.5	46.8	45.8	-	-	-	-	-
3713	Truck and bus bodies	-	40.8	40.8	41.3	40.5	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	42.1	42.9	44.7	44.0	-	-	-	-	-
3715	Truck trailers	-	39.7	40.6	41.0	41.0	-	-	-	-	-
372	Aircraft and parts	(*)	42.1	42.0	42.0	41.6	-	3.6	3.6	3.7	3.5
3721	Aircraft	-	42.1	42.0	41.8	41.4	-	-	-	-	-
3722	Aircraft engines and engine parts	-	41.4	41.8	42.1	41.4	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	42.8	42.3	42.4	42.6	-	-	-	-	-
373	Ship and boat building and repairing	(*)	41.4	41.4	40.3	41.0	-	4.1	4.2	3.4	3.5
3731	Ship building and repairing	-	41.5	41.3	40.2	40.9	-	-	-	-	-
3732	Boat building and repairing	-	40.9	41.5	40.8	41.4	-	-	-	-	-
374	Railroad equipment	-	41.5	41.5	40.1	40.3	-	3.8	4.3	2.9	2.5
375,9	Other transportation equipment	-	39.8	40.2	40.2	40.7	-	2.7	3.0	3.3	3.5
38	INSTRUMENTS AND RELATED PRODUCTS	41.4	40.9	41.2	40.9	40.8	-	3.2	3.4	3.1	2.9
381	Engineering & scientific instruments	-	41.7	42.2	41.6	41.8	-	4.0	4.1	3.6	3.5
382	Mechanical measuring & control devices	40.7	40.4	40.8	40.4	40.3	-	3.1	3.4	3.2	2.8
3821	Mechanical measuring devices	-	40.7	41.1	40.4	40.1	-	-	-	-	-
3822	Automatic temperature controls	-	40.1	40.5	40.3	40.5	-	-	-	-	-
383,5	Optical and ophthalmic goods	40.5	40.5	40.8	40.1	40.2	-	3.0	3.1	2.4	2.2
385	Ophthalmic goods	-	39.6	40.1	39.5	39.9	-	2.3	2.5	2.2	2.1
384	Medical instruments and supplies	40.2	39.9	40.3	40.6	40.4	-	2.5	2.7	2.7	2.6
386	Photographic equipment and supplies	(*)	42.7	43.1	42.6	42.2	-	4.0	4.2	4.1	3.7
387	Watches, clocks, and watch cases	-	39.3	39.5	38.8	39.2	-	2.3	2.3	2.0	2.1
39	MISC. MANUFACTURING INDUSTRIES	39.5	39.4	39.2	39.6	39.9	-	2.9	2.9	2.9	3.0
391	Jewelry, silverware, and plated ware	40.6	40.5	40.0	41.2	41.2	-	3.5	3.4	4.1	4.1
394	Toys and sporting goods	-	38.8	38.7	39.1	39.4	-	2.7	2.7	2.5	3.0
3941-3	Games, toys, dolls, & play vehicles	-	38.4	38.3	39.2	39.2	-	-	-	-	-
3949	Sporting and athletic goods, nec	-	39.5	39.2	39.0	39.8	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	39.2	39.6	40.1	39.3	-	2.3	2.5	2.0	1.7
396	Costume jewelry and notions	-	38.3	38.4	39.0	39.6	-	3.0	2.5	2.7	2.8
393,8,9	Other manufacturing industries	40.3	40.1	39.8	39.8	40.1	-	3.0	3.2	3.1	3.2
393	Musical instruments and parts	-	39.5	40.2	40.7	41.0	-	2.0	2.6	3.1	3.2
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	41.0	40.9	41.8	40.8	41.0	-	4.3	5.0	4.2	4.3
201	Meat products	42.5	42.0	42.2	42.1	41.5	-	5.3	5.8	5.2	4.8
2011	Meat packing plants	-	43.0	42.9	43.8	42.8	-	-	-	-	-
2013	Sausages and other prepared meats	-	41.1	41.5	41.5	40.7	-	-	-	-	-
2015	Poultry dressing plants	-	40.8	41.5	39.5	39.8	-	-	-	-	-

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	\$129.07	\$127.93	\$129.58	\$121.76	\$121.09	\$3.11	\$3.09	\$3.10	\$2.92	\$2.89
2024	Ice cream and frozen desserts.....	-	116.13	122.81	114.17	117.56	-	2.94	3.01	2.92	2.91
2026	Fluid milk.....	-	135.53	137.67	128.71	127.93	-	3.25	3.27	3.05	3.01
203	Canned, cured, and frozen foods.....	-	96.82	106.26	89.11	94.49	-	2.47	2.53	2.37	2.38
2031,6	Canned, cured, and frozen sea foods.....	-	87.23	82.94	72.08	77.68	-	2.32	2.26	2.12	2.14
2032,3	Canned food, except sea foods.....	-	97.86	112.75	92.48	98.90	-	2.49	2.58	2.44	2.43
2037	Frozen fruits and vegetables.....	-	96.56	96.63	89.10	89.89	-	2.39	2.38	2.25	2.27
204	Grain mill products.....	(*)	140.04	144.29	136.20	134.99	(*)	3.14	3.13	3.02	2.98
2041	Flour and other grain mill products.....	-	152.10	152.13	145.01	148.46	-	3.25	3.23	3.04	3.08
2042	Prepared feeds for animals and fowls.....	-	121.58	129.05	123.30	118.88	-	2.72	2.74	2.74	2.63
205	Bakery products.....	123.91	122.71	122.61	114.23	113.83	3.09	3.06	3.05	2.87	2.86
2051	Bread, cake, and related products.....	-	123.78	123.91	116.00	115.31	-	3.11	3.09	2.90	2.89
2052	Cookies and crackers.....	-	119.11	116.28	108.25	108.90	-	2.87	2.85	2.79	2.75
206	Sugar.....	-	122.67	133.08	114.28	106.47	-	2.90	3.23	2.67	2.78
207	Confectionery and related products.....	(*)	101.92	104.14	97.46	100.28	(*)	2.60	2.61	2.48	2.47
2071	Confectionery products.....	-	98.03	99.94	93.75	96.72	-	2.52	2.53	2.41	2.40
208	Beverages.....	(*)	135.63	138.80	133.87	132.76	(*)	3.46	3.47	3.33	3.27
2082	Malt liquors.....	-	178.45	188.41	175.07	171.33	-	4.45	4.54	4.27	4.22
2086	Bottled and canned soft drinks.....	-	100.20	104.41	97.75	99.35	-	2.63	2.63	2.50	2.49
209	Misc. foods and kindred products.....	124.79	122.35	122.01	118.58	118.02	2.95	2.92	2.94	2.81	2.79
21	TOBACCO MANUFACTURES	99.15	97.02	98.81	94.50	92.58	2.63	2.52	2.54	2.52	2.38
211	Cigarettes.....	-	117.69	126.01	116.31	111.75	-	3.26	3.29	3.11	3.07
212	Cigars.....	-	81.09	79.25	78.66	77.39	-	2.09	2.08	2.07	2.01
22	TEXTILE MILL PRODUCTS	99.22	98.57	98.81	93.98	94.21	2.42	2.41	2.41	2.27	2.27
221	Weaving mills, cotton.....	100.19	100.67	100.19	93.79	93.79	2.42	2.42	2.42	2.26	2.26
222	Weaving mills, synthetics.....	106.64	104.48	105.22	101.15	101.36	2.48	2.47	2.47	2.32	2.33
223	Weaving and finishing mills, wool.....	102.92	101.76	101.11	98.47	99.45	2.48	2.47	2.46	2.25	2.34
224	Narrow fabric mills.....	97.20	98.16	97.34	90.68	91.35	2.40	2.40	2.38	2.35	2.25
225	Knitting mills.....	89.78	87.71	87.94	86.07	86.33	2.32	2.29	2.29	2.19	2.18
2251	Women's hosiery, except socks.....	-	86.11	87.46	86.94	86.72	-	2.26	2.26	2.19	2.19
2252	Hosiery, n e c.....	-	80.39	77.54	75.40	75.98	-	2.11	2.09	2.00	2.01
2253	Knit outerwear mills.....	-	89.52	89.65	87.02	88.92	-	2.40	2.41	2.29	2.28
2254	Knit underwear mills.....	-	78.60	79.24	80.78	81.40	-	2.13	2.13	2.04	2.04
226	Textile finishing, except wool.....	109.62	107.52	108.29	104.49	101.46	2.61	2.56	2.56	2.43	2.41
227	Floor covering mills.....	-	110.52	109.86	99.79	100.69	-	2.50	2.48	2.31	2.32
228	Yarn and thread mills.....	91.58	91.35	91.76	87.97	87.77	2.25	2.25	2.26	2.13	2.12
229	Miscellaneous textile goods.....	110.77	111.41	111.78	106.68	106.82	2.65	2.64	2.63	2.51	2.49
23	APPAREL AND OTHER TEXTILE PRODUCTS	83.54	84.84	84.13	81.36	82.63	2.34	2.35	2.35	2.26	2.27
231	Men's and boys' suits and coats.....	105.74	104.51	104.99	102.64	103.18	2.85	2.84	2.83	2.68	2.68
232	Men's and boys' furnishings.....	(*)	75.48	74.70	71.74	71.96	(*)	2.04	2.03	1.96	1.95
2321	Men's and boys' shirts and nightwear.....	-	75.78	74.00	69.48	69.89	-	2.01	2.00	1.93	1.92
2327	Men's and boys' separate trousers.....	-	74.42	73.89	72.54	72.36	-	2.05	2.03	1.95	1.94
2328	Men's and boys' work clothing.....	-	72.30	71.57	71.04	70.66	-	1.97	1.95	1.92	1.92
233	Women's and misses' outerwear.....	82.50	83.58	84.09	81.22	83.30	2.50	2.51	2.51	2.41	2.45
2331	Women's and misses' blouses and waists.....	-	77.13	74.56	72.16	71.90	-	2.21	2.18	2.11	2.09
2335	Women's and misses' dresses.....	-	84.56	83.66	81.42	84.66	-	2.61	2.59	2.49	2.55
2337	Women's and misses' suits and coats.....	-	93.34	94.92	91.73	94.73	-	2.82	2.80	2.73	2.77
2339	Women's and misses' outerwear, n e c.....	-	76.30	77.17	74.76	74.05	-	2.18	2.18	2.10	2.08
234	Women's and children's undergarments.....	78.26	78.11	78.32	74.62	76.43	2.15	2.14	2.14	2.05	2.06
2341	Women's and children's underwear.....	-	77.28	76.54	73.20	75.17	-	2.10	2.08	2.00	2.01
2342	Corsets and allied garments.....	-	80.68	81.49	77.90	79.06	-	2.26	2.27	2.17	2.16
235	Hats, caps, and millinery.....	-	76.30	77.00	75.47	75.40	-	2.18	2.20	2.12	2.13
236	Children's outerwear.....	76.11	75.33	75.04	72.42	74.57	2.15	2.14	2.15	2.04	2.06
2361	Children's dresses and blouses.....	-	74.20	72.55	70.99	72.42	-	2.12	2.14	2.04	2.04
237,8	Fur goods and miscellaneous apparel.....	-	90.36	88.92	85.80	87.95	-	2.51	2.47	2.39	2.39
239	Misc. fabricated textile products.....	92.69	92.69	95.59	93.51	93.60	2.42	2.42	2.47	2.41	2.40
2391,2	Housefurnishings.....	-	81.69	80.85	77.18	77.59	-	2.10	2.10	2.01	2.01
26	PAPER AND ALLIED PRODUCTS	142.10	142.33	142.99	134.78	134.54	3.32	3.31	3.31	3.12	3.10
261,2,6	Paper and pulp mills.....	163.02	163.97	164.05	154.22	153.77	3.68	3.66	3.67	3.45	3.44
263	Paperboard mills.....	168.14	164.28	168.35	156.50	154.69	3.72	3.70	3.70	3.47	3.43
264	Misc. converted paper products.....	124.31	124.09	124.15	118.14	117.18	3.01	2.99	2.97	2.84	2.81
2643	Bags, except textile bags.....	-	118.12	116.88	111.87	109.82	-	2.86	2.83	2.67	2.64
265	Paperboard containers and boxes.....	127.60	128.52	129.44	122.54	123.55	3.06	3.06	3.06	2.89	2.88
2651,2	Folding and setup paperboard boxes.....	-	117.14	116.44	108.39	109.03	-	2.85	2.84	2.65	2.64
2653	Corrugated and solid fiber boxes.....	-	139.54	140.83	133.42	135.86	-	3.23	3.23	3.06	3.06
2654	Sanitary food containers.....	-	123.37	123.97	119.55	119.13	-	2.98	2.98	2.86	2.85

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	41.5	41.4	41.8	41.7	41.9	-	3.8	4.2	3.7	3.9
2024	Ice cream and frozen desserts.....	-	39.5	40.8	39.1	40.4	-	-	-	-	-
2026	Fluid milk.....	-	41.7	42.1	42.2	42.5	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	39.2	42.0	37.6	39.7	-	3.3	5.2	3.2	3.7
2031,6	Canned, cured and frozen sea foods.....	-	37.6	36.7	34.0	36.3	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	39.3	43.7	37.9	40.7	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	40.4	40.6	39.6	39.6	-	-	-	-	-
204	Grain mill products.....	(*)	44.6	46.1	45.1	45.3	-	7.0	8.1	7.0	7.6
2041	Flour and other grain mill product.....	-	46.8	47.1	47.7	48.2	-	-	-	-	-
2042	Prepared feeds for animals and fowls.....	-	44.7	47.1	45.0	45.2	-	-	-	-	-
205	Bakery products.....	40.1	40.1	40.2	39.8	39.8	-	4.3	4.1	3.6	3.5
2051	Bread, cake, and related products.....	-	39.8	40.1	40.0	39.9	-	-	-	-	-
2052	Cookies and crackers.....	-	41.5	40.8	38.8	39.6	-	-	-	-	-
206	Sugar.....	-	42.3	41.2	42.8	38.3	-	4.1	5.3	3.1	2.8
207	Confectionery and related products.....	(*)	39.2	39.9	39.3	40.6	-	2.9	3.0	2.8	3.4
2071	Confectionery products.....	-	38.9	39.5	38.9	40.3	-	-	-	-	-
208	Beverages.....	(*)	39.2	40.0	40.2	40.6	-	3.0	3.8	3.2	3.4
2082	Malt liquors.....	-	40.1	41.5	41.0	40.6	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	38.1	39.7	39.1	39.9	-	-	-	-	-
209	Misc. foods and kindred products.....	42.3	41.9	41.5	42.2	42.3	-	5.1	4.7	5.3	5.1
21	TOBACCO MANUFACTURES.....	37.7	38.5	38.9	37.5	38.9	-	1.4	1.9	1.4	1.6
211	Cigarettes.....	-	36.1	38.3	37.4	36.4	-	.7	2.3	1.1	.7
212	Cigars.....	-	38.8	38.1	38.0	38.5	-	1.7	1.2	1.7	1.6
22	TEXTILE MILL PRODUCTS.....	41.0	40.9	41.0	41.4	41.5	-	3.9	4.1	4.3	4.3
221	Weaving mills, cotton.....	41.4	41.6	41.4	41.5	41.5	-	4.4	4.5	4.3	4.3
222	Weaving mills, synthetics.....	43.0	42.3	42.6	43.6	43.5	-	4.4	4.9	5.7	5.7
223	Weaving and finishing mills, wool.....	41.5	41.2	41.1	41.9	42.5	-	3.7	3.7	4.4	4.6
224	Narrow fabric mills.....	40.5	40.9	40.9	40.3	40.6	-	3.7	3.5	3.8	3.3
225	Knitting mills.....	38.7	38.3	38.4	39.3	39.6	-	2.6	2.8	3.0	3.1
2251	Women's hosiery, except socks.....	-	38.1	38.7	39.7	39.6	-	-	-	-	-
2252	Hosiery, n e c.....	-	38.1	37.1	37.7	37.8	-	-	-	-	-
2253	Knit outerwear mills.....	-	37.3	37.2	38.0	39.0	-	-	-	-	-
2254	Knit underwear mills.....	-	36.9	37.2	39.6	39.9	-	-	-	-	-
226	Textile finishing, except wool.....	42.0	42.0	42.3	43.0	42.1	-	4.8	5.2	5.6	4.7
227	Floor covering mills.....	-	44.2	44.3	43.2	43.4	-	6.0	6.5	5.5	5.6
228	Yarn and thread mills.....	40.7	40.6	40.6	41.3	41.4	-	3.7	3.9	4.3	4.2
229	Miscellaneous textile goods.....	41.8	42.2	42.5	42.5	42.9	-	4.7	4.9	4.6	4.9
23	APPAREL AND OTHER TEXTILE PRODUCTS.....	35.7	36.1	35.8	36.0	36.4	-	1.4	1.4	1.5	1.5
231	Men's and boys' suits and coats.....	37.1	36.8	37.1	38.3	38.5	-	1.4	1.3	1.7	1.9
232	Men's and boys' furnishings.....	(*)	37.0	36.8	36.6	36.9	-	1.3	1.2	1.1	1.2
2321	Men's and boys' shirts and nightwear.....	-	37.7	37.0	36.0	36.4	-	-	-	-	-
2327	Men's and boys' separate trousers.....	-	36.3	36.4	37.2	37.3	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	36.7	36.7	37.0	36.8	-	-	-	-	-
233	Women's and misses' outerwear.....	33.0	33.3	33.5	33.7	34.0	-	1.1	1.1	1.2	1.1
2331	Women's and misses' blouses and waists.....	-	34.9	34.2	34.2	34.4	-	-	-	-	-
2335	Women's and misses' dresses.....	-	32.4	32.3	32.7	33.2	-	-	-	-	-
2337	Women's and misses' suits and coats.....	-	33.1	33.9	33.6	34.2	-	-	-	-	-
2339	Women's and misses' outerwear, n e c.....	-	35.0	35.4	35.6	35.6	-	-	-	-	-
234	Women's and children's undergarments.....	36.4	36.5	36.6	36.4	37.1	-	1.5	1.5	1.6	1.4
2341	Women's and children's underwear.....	-	36.8	36.8	36.6	37.4	-	-	-	-	-
2342	Corsets and allied garments.....	-	35.7	35.9	35.9	36.6	-	-	-	-	-
235	Hats, caps, and millinery.....	-	35.0	35.0	35.6	35.4	-	.9	.9	1.0	1.1
236	Children's outerwear.....	35.4	35.2	34.9	35.5	36.2	-	1.3	1.0	1.4	1.4
2361	Children's dresses and blouses.....	-	35.0	33.9	34.8	35.5	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel.....	-	36.0	36.0	35.9	36.8	-	1.5	1.3	1.5	1.5
239	Misc. fabricated textile products.....	38.3	38.3	38.7	38.8	39.0	-	2.2	2.6	3.0	2.9
2391,2	Housefurnishings.....	-	38.9	38.5	38.4	38.6	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.....	42.8	43.0	43.2	43.2	43.4	-	5.6	5.8	5.7	5.7
261,2,6	Paper and pulp mills.....	44.3	44.8	44.7	44.7	44.7	-	6.7	6.7	6.7	6.6
263	Paperboard mills.....	45.2	44.4	45.5	45.1	45.1	-	7.6	8.0	7.9	7.4
264	Misc. converted paper products.....	41.3	41.5	41.8	41.6	41.7	-	4.2	4.3	4.3	4.2
2643	Bags, except textile bags.....	-	41.3	41.3	41.9	41.6	-	-	-	-	-
265	Paperboard containers and boxes.....	41.7	42.0	42.3	42.4	42.9	-	5.0	5.4	5.0	5.4
2651,2	Folding and setup paperboard boxes.....	-	41.1	41.0	40.9	41.3	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	43.2	43.6	43.6	44.4	-	-	-	-	-
2654	Sanitary food containers.....	-	41.4	41.6	41.8	41.8	-	-	-	-	-

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING	\$145.15	\$144.77	\$144.75	\$136.32	\$137.39	\$3.77	\$3.77	\$3.75	\$3.55	\$3.55
271	Newspapers.....	149.92	148.32	145.35	140.84	139.29	4.13	4.12	4.06	3.88	3.88
272	Periodicals.....	-	168.40	172.03	152.93	156.79	-	4.00	4.01	3.73	3.76
273	Books.....	-	132.66	137.27	123.82	126.38	-	3.35	3.34	3.08	3.09
275	Commercial printing	148.92	149.71	149.29	139.55	141.33	3.77	3.79	3.77	3.56	3.56
2751	Commercial printing, ex. lithographic	-	146.52	144.23	137.55	139.35	-	3.70	3.67	3.50	3.51
2752	Commercial printing, lithographic.....	-	154.84	157.99	142.72	143.35	-	3.92	3.93	3.65	3.62
278	Blankbooks and bookbinding	110.11	110.67	109.71	104.39	105.76	2.89	2.92	2.91	2.74	2.74
274,6,7,9	Other publishing & printing ind.....	142.48	141.70	144.32	136.70	136.96	3.72	3.69	3.71	3.56	3.53
28	CHEMICALS AND ALLIED PRODUCTS	149.23	147.62	146.78	139.86	138.69	3.57	3.54	3.52	3.33	3.31
281	Industrial chemicals	(*)	166.18	163.74	158.05	155.30	(*)	3.91	3.88	3.71	3.68
2812	Alkalies and chlorine	-	168.63	166.10	166.06	157.30	-	3.94	3.89	3.80	3.71
2818	Industrial organic chemicals, n e c.....	-	174.68	173.01	165.71	163.66	-	4.11	4.09	3.89	3.86
2819	Industrial inorganic chemicals, n e c.....	-	156.04	155.63	148.51	148.87	-	3.76	3.75	3.57	3.57
282	Plastics materials and synthetics.....	146.23	143.94	144.82	138.74	137.99	3.49	3.46	3.44	3.28	3.27
2821	Plastics materials and resins	-	159.78	157.38	150.77	151.29	-	3.69	3.66	3.49	3.47
2823,4	Synthetic fibers	-	128.32	131.75	126.46	125.25	-	3.20	3.19	3.04	3.04
283	Drugs.....	140.83	138.51	137.76	128.54	127.93	3.41	3.37	3.36	3.09	3.09
2834	Pharmaceutical preparations	-	134.64	134.23	123.82	123.22	-	3.30	3.29	3.02	3.02
284	Soap, cleaners, and toilet goods	139.88	142.49	143.24	131.38	132.80	3.42	3.45	3.46	3.22	3.20
2841	Soap and other detergents.....	-	183.18	183.18	165.90	168.75	-	4.30	4.27	3.95	3.98
2844	Toilet preparations	-	116.35	116.18	106.27	107.18	-	2.88	2.89	2.67	2.64
285	Paints and allied products	136.61	136.61	136.86	130.92	131.24	3.34	3.34	3.33	3.17	3.17
287	Agricultural chemicals	122.96	125.76	124.04	116.76	115.08	2.97	2.98	2.97	2.78	2.74
2871,2	Fertilizers, complete & mixing only	-	120.28	119.29	110.35	108.42	-	2.83	2.82	2.64	2.60
286,9	Other chemical products	(*)	139.18	139.52	134.92	132.48	(*)	3.37	3.37	3.22	3.20
2892	Explosives	-	144.02	142.91	137.37	134.31	-	3.53	3.52	3.31	3.30
29	PETROLEUM AND COAL PRODUCTS	171.75	172.96	172.10	161.88	160.98	4.07	4.06	4.04	3.80	3.77
291	Petroleum refining.....	179.75	177.23	176.38	169.55	165.11	4.29	4.25	4.25	3.98	3.95
295,9	Other petroleum and coal products	(*)	159.84	158.12	135.15	147.61	(*)	3.49	3.43	3.18	3.23
30	RUBBER AND PLASTICS PRODUCTS, N E C	128.64	128.54	129.90	124.68	125.16	3.13	3.12	3.13	2.99	2.98
301	Tires and inner tubes	194.79	195.22	197.86	188.78	190.11	4.30	4.30	4.32	4.14	4.16
302,3,6	Other rubber products	121.30	121.10	123.02	120.13	121.06	3.04	3.02	3.03	2.93	2.91
302	Rubber footwear	-	101.52	101.57	103.09	103.49	-	2.70	2.68	2.65	2.62
307	Miscellaneous plastics products.....	109.21	109.08	108.95	105.26	104.30	2.71	2.70	2.69	2.58	2.55
31	LEATHER AND LEATHER PRODUCTS	90.99	88.56	87.58	86.03	86.56	2.42	2.40	2.38	2.27	2.26
311	Leather tanning and finishing.....	119.70	118.40	117.61	113.36	114.09	3.00	2.99	2.97	2.82	2.81
314	Footwear, except rubber	88.26	85.41	83.85	83.10	83.60	2.36	2.34	2.31	2.21	2.20
312,3,5,7,5	Other leather products	88.03	87.79	86.58	84.29	84.86	2.36	2.36	2.34	2.23	2.21
316	Luggage	-	91.72	90.58	88.62	86.71	-	2.42	2.39	2.32	2.27
317	Handbags and personal leather goods..	-	83.81	83.76	82.56	83.98	-	2.29	2.27	2.19	2.17
TRANSPORTATION AND PUBLIC UTILITIES:											
RAILROAD TRANSPORTATION:											
4011	Class I railroads ²	-	(*)	(*)	156.28	155.75	-	(*)	(*)	3.56	3.50
LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation	-	142.57	137.70	128.47	127.97	-	3.27	3.24	3.03	2.99
413	Intercity highway transportation	-	167.35	169.15	154.80	152.81	-	3.91	3.98	3.73	3.70
42	TRUCKING AND WAREHOUSING	-	155.35	156.51	144.42	147.77	-	3.69	3.70	3.48	3.51
421,3	Trucking and trucking terminals.....	-	158.67	160.13	148.04	151.79	-	3.76	3.75	3.55	3.58
422	Public warehousing	-	114.49	112.51	106.92	104.40	-	2.82	2.93	2.70	2.67
46	PIPE LINE TRANSPORTATION	-	174.68	172.10	166.86	167.27	-	4.25	4.26	4.05	4.06
48	COMMUNICATION	-	133.93	136.42	132.84	129.36	-	3.34	3.36	3.24	3.21
481	Telephone communication	-	131.78	134.64	132.39	128.30	-	3.27	3.30	3.19	3.16
4817	Switchboard operating employees ³ ..	-	96.75	96.48	100.62	94.83	-	2.68	2.68	2.60	2.57
4818	Line construction employees ⁴	-	188.73	195.91	186.91	181.50	-	4.05	4.09	3.96	3.92
482	Telegraph communication ⁵	-	148.51	148.47	136.95	143.09	-	3.57	3.51	3.30	3.32
483	Radio and television broadcasting	-	145.54	147.06	136.47	134.98	-	3.80	3.80	3.62	3.59

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	38.5	38.4	38.6	38.4	38.7		3.5	3.9	3.3	3.4
271	Newspapers.....	36.3	36.0	35.8	36.3	35.9		3.1	2.9	2.9	2.9
272	Periodicals.....	-	42.1	42.9	41.0	41.7		5.6	6.3	4.6	5.2
273	Books	-	39.6	41.1	40.2	40.9		3.4	4.1	3.3	3.2
275	Commercial printing	39.5	39.5	39.6	39.2	39.7		4.0	4.6	3.6	4.0
2751	Commercial printing, ex. lithographic	-	39.6	39.3	39.3	39.7		-	-	-	-
2752	Commercial printing, lithographic ...	-	39.5	40.2	39.1	39.6		-	-	-	-
278	Blankbooks and bookbinding.....	38.1	37.9	37.7	38.1	38.6		2.6	2.8	2.2	2.2
274,6,7,9	Other publishing & printing ind.....	38.3	38.4	38.9	38.4	38.8		3.0	3.4	3.2	3.1
28	CHEMICALS AND ALLIED PRODUCTS..	41.8	41.7	41.7	42.0	41.9		3.4	3.5	3.4	3.4
281	Industrial chemicals	(*)	42.5	42.2	42.6	42.2		3.9	3.8	3.7	3.7
2812	Alkalies and chlorine	-	42.8	42.7	43.7	42.4		-	-	-	-
2818	Industrial organic chemicals, nec...	-	42.5	42.3	42.6	42.4		-	-	-	-
2819	Industrial inorganic chemicals, nec.	-	41.5	41.5	41.6	41.7		-	-	-	-
282	Plastics materials and synthetics	41.9	41.6	42.1	42.3	42.2		3.0	3.0	3.0	3.2
2821	Plastics materials and resins	-	43.3	43.0	43.2	43.6		-	-	-	-
2823,4	Synthetic fibers.....	-	40.1	41.3	41.6	41.2		-	-	-	-
283	Drugs	41.3	41.1	41.0	41.6	41.4		3.3	3.3	3.4	3.2
2834	Pharmaceutical preparations.....	-	40.8	40.8	41.0	40.8		-	-	-	-
284	Soap, cleaners, and toilet goods.....	40.9	41.3	41.4	40.8	41.5		3.5	3.7	3.0	3.5
2841	Soap and other detergents	-	42.6	42.9	42.0	42.4		-	-	-	-
2844	Toilet preparations	-	40.4	40.2	39.8	40.6		-	-	-	-
285	Paints and allied products	40.9	40.9	41.1	41.3	41.4		3.1	3.4	2.9	3.4
287	Agricultural chemicals	41.4	42.2	42.1	42.0	42.0		4.1	3.9	3.6	3.7
2871,2	Fertilizers, complete & mixing only..	-	42.5	42.3	41.8	41.7		-	-	-	-
286,9	Other chemical products	(*)	41.3	41.4	41.9	41.4		2.8	3.3	4.0	3.2
2892	Explosives	-	40.8	40.6	41.5	40.7		-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.....	42.2	42.6	42.6	42.7	42.7		4.1	4.3	3.8	4.0
291	Petroleum refining.....	41.9	41.7	41.5	42.6	41.8		3.0	3.1	3.2	2.9
295,9	Other petroleum and coal products.....	(*)	45.8	46.1	42.5	45.7		7.8	8.1	5.9	7.8
30	RUBBER AND PLASTICS PRODUCTS, NEC..	41.1	41.2	41.5	41.7	42.0		4.4	4.5	4.5	4.5
301	Tires and inner tubes.....	45.3	45.4	45.8	45.6	45.7		7.8	7.9	7.1	7.1
302,3,6	Other rubber products	39.9	40.1	40.6	41.0	41.6		3.2	3.5	3.7	3.8
302	Rubber footwear	-	37.6	37.9	38.9	39.5		2.1	1.8	2.4	2.1
307	Miscellaneous plastics products	40.3	40.4	40.5	40.8	40.9		3.8	3.8	4.1	4.1
31	LEATHER AND LEATHER PRODUCTS.....	37.6	36.9	36.8	37.9	38.3		1.8	1.8	2.0	2.0
311	Leather tanning and finishing.....	39.9	39.6	39.6	40.2	40.6		3.4	3.6	3.7	3.6
314	Footwear, except rubber	37.4	36.5	36.3	37.6	38.0		1.6	1.5	1.6	1.6
312,3,5-7,9	Other leather products	37.3	37.2	37.0	37.8	38.4		1.9	2.2	2.5	2.6
316	Luggage	-	37.9	37.9	38.2	38.2		2.8	3.1	3.0	3.3
317	Handbags and personal leather goods..	-	36.6	36.9	37.7	38.7		1.6	2.0	2.6	2.5
	TRANSPORTATION AND PUBLIC UTILITIES:										
	RAILROAD TRANSPORTATION:										
311	Class I railroads ²	-	(*)	(*)	43.9	44.5		-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	43.6	42.5	42.4	42.8		-	-	-	-
413	Intercity highway transportation.....	-	42.8	42.5	41.5	41.3		-	-	-	-
	TRUCKING AND WAREHOUSING										
42	Trucking and trucking terminals	-	42.1	42.3	41.5	42.1		-	-	-	-
421,3	Trucking and trucking terminals	-	42.2	42.7	41.7	42.4		-	-	-	-
422	Public warehousing	-	40.6	38.4	39.6	39.1		-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	41.1	40.4	41.2	41.2		-	-	-	-
48	COMMUNICATION	-	40.1	40.6	41.0	40.3		-	-	-	-
481	Telephone communication	-	40.3	40.8	41.5	40.6		-	-	-	-
4817	Switchboard operating employees ³	-	36.1	36.0	38.7	36.9		-	-	-	-
4818	Line construction employees ⁴	-	46.6	47.9	47.2	46.3		-	-	-	-
482	Telegraph communication ⁵	-	41.6	42.3	41.5	43.1		-	-	-	-
483	Radio and television broadcasting.....	-	38.3	38.7	37.7	37.6		-	-	-	-

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$166.38	\$164.74	\$157.17	\$155.08	-	\$3.99	\$3.96	\$3.76	\$3.71
491	Electric companies and systems	-	168.84	168.82	159.68	156.83	-	4.02	4.01	3.82	3.77
492	Gas companies and systems	-	150.84	148.42	144.70	144.90	-	3.67	3.62	3.47	3.45
493	Combination companies and systems...	-	182.68	178.87	171.35	169.24	-	4.36	4.31	4.07	4.02
494-7	Water, steam, & sanitary systems	-	134.97	134.89	127.20	127.51	-	3.30	3.29	3.11	3.08
-	WHOLESALE AND RETAIL TRADE.....	\$91.96	92.13	92.46	87.33	87.11	\$2.62	2.61	2.59	2.46	2.44
50	WHOLESALE TRADE	133.80	132.26	132.59	124.40	123.82	3.32	3.29	3.29	3.11	3.08
501	Motor vehicles & automotive equipment ..	-	122.61	123.82	118.01	115.36	-	3.02	3.02	2.83	2.80
502	Drugs, chemicals, and allied products...	-	134.41	134.70	124.23	123.95	-	3.42	3.41	3.21	3.17
503	Dry goods and apparel.....	-	122.90	121.50	117.31	117.56	-	3.26	3.24	3.12	3.11
504	Groceries and related products	-	122.41	124.75	115.78	116.97	-	3.03	3.05	2.88	2.86
506	Electrical goods.....	-	134.60	136.08	128.44	125.97	-	3.22	3.24	3.08	3.08
507	Hardware; plumbing & heating equipment	-	126.63	127.43	121.50	121.60	-	3.15	3.17	3.03	3.01
508	Machinery, equipment, and supplies....	-	147.55	145.20	141.80	140.42	-	3.59	3.55	3.51	3.45
509	Miscellaneous wholesalers.....	-	133.45	133.12	122.53	121.66	-	3.37	3.37	3.11	3.08
52-59	RETAIL TRADE.....	78.73	78.62	79.69	75.70	75.46	2.35	2.34	2.33	2.22	2.20
53	Retail general merchandise	-	72.28	73.42	69.32	69.87	-	2.28	2.28	2.18	2.17
531	Department stores	-	75.75	77.52	72.45	73.51	-	2.42	2.43	2.30	2.29
532	Mail order houses	-	84.37	87.24	79.55	79.33	-	2.39	2.41	2.26	2.26
533	Variety stores	-	55.91	55.43	54.42	53.88	-	1.87	1.86	1.82	1.79
54	Food stores.....	-	82.88	84.30	78.81	78.49	-	2.59	2.57	2.44	2.43
541-3	Grocery, meat, and vegetable stores ..	-	84.10	86.13	80.03	79.38	-	2.62	2.61	2.47	2.45
56	Apparel and accessory stores	-	68.89	69.44	65.21	65.62	-	2.18	2.17	2.07	2.07
561	Men's & boys' clothing & furnishings ..	-	83.42	84.72	79.97	80.34	-	2.49	2.47	2.38	2.37
562	Women's ready-to-wear stores	-	62.22	62.51	59.14	59.40	-	2.02	2.01	1.92	1.91
565	Family clothing stores.....	-	65.65	64.94	60.48	62.01	-	2.02	1.98	1.92	1.95
566	Shoe stores.....	-	69.08	70.76	66.58	65.62	-	2.28	2.29	2.19	2.18
57	Furniture and home furnishings stores..	-	106.02	105.93	101.41	99.91	-	2.85	2.84	2.69	2.65
571	Furniture and home furnishings.....	-	105.56	105.75	101.04	99.91	-	2.83	2.82	2.68	2.65
58	Eating and drinking places ⁶	-	54.56	55.83	52.80	53.45	-	1.76	1.75	1.65	1.66
52,55,59	Other retail trade.....	99.18	98.94	93.84	93.94	-	2.61	2.59	2.45	2.44	
52	Building materials and farm equipment	-	108.26	107.33	101.56	103.07	-	2.72	2.67	2.52	2.52
551,2	Motor vehicle dealers.....	-	130.06	127.80	122.25	121.72	-	3.18	3.14	2.96	2.94
553,9	Other automotive & accessory dealers...	-	110.54	110.24	103.57	100.91	-	2.67	2.65	2.46	2.42
591	Drug stores and proprietary stores ...	-	72.13	72.13	68.58	68.02	-	2.24	2.24	2.11	2.08
594	Book and stationery stores	-	82.00	83.64	78.92	79.59	-	2.47	2.46	2.37	2.39
598	Fuel and ice dealers.....	-	116.85	114.90	119.14	115.79	-	2.85	2.83	2.83	2.79
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	111.15	109.45	108.41	103.69	103.51	2.98	2.95	2.93	2.81	2.79
60	Banking.....	-	98.95	98.58	94.86	94.00	-	2.66	2.65	2.55	2.52
61	Credit agencies other than banks	-	101.04	99.11	94.75	94.38	-	2.68	2.65	2.52	2.51
612	Savings and loan associations	-	97.84	96.05	92.00	92.87	-	2.63	2.61	2.50	2.51
62	Security, commodity brokers & services ..	-	168.52	170.54	169.34	170.25	-	4.53	4.56	4.54	4.54
63	Insurance carriers	-	116.49	114.76	109.37	108.93	-	3.14	3.11	2.98	2.96
631	Life insurance	-	118.99	116.96	108.89	108.42	-	3.26	3.24	3.05	3.02
632	Accident and health insurance	-	103.09	100.91	95.83	95.21	-	2.84	2.78	2.64	2.63
633	Fire, marine, and casualty insurance..	-	117.42	115.60	113.02	112.94	-	3.09	3.05	2.99	2.98
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	65.82	64.38	60.01	60.00	-	1.87	1.85	1.70	1.69
721	Personal Services: Laundries and dry cleaning plants....	-	74.57	74.05	69.91	71.05	-	2.06	2.04	1.91	1.91
722	Photographic studios	-	87.61	86.25	84.67	82.04	-	2.33	2.35	2.27	2.26
781	Motion pictures: Motion picture filming & distributing..	-	185.47	184.61	170.14	171.72	-	4.66	4.65	4.16	4.24

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.7	41.6	41.8	41.8	-	-	-	-	-
491	Electric companies and systems.....	-	42.0	42.1	41.8	41.6	-	-	-	-	-
492	Gas companies and systems.....	-	41.1	41.0	41.7	42.0	-	-	-	-	-
493	Combination companies and systems..	-	41.9	41.5	42.1	42.1	-	-	-	-	-
494-7	Water, steam & sanitary systems.....	-	40.9	41.0	40.9	41.4	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE.....	35.1	35.3	35.7	35.5	35.7	-	-	-	-	-
50	WHOLESALE TRADE.....	40.3	40.2	40.3	40.0	40.2	-	-	-	-	-
501	Motor vehicles & automotive equipment..	-	40.6	41.0	41.7	41.2	-	-	-	-	-
502	Drugs, chemicals, and allied products...	-	39.3	39.5	38.7	39.1	-	-	-	-	-
503	Dry goods and apparel.....	-	37.7	37.5	37.6	37.8	-	-	-	-	-
504	Groceries and related products.....	-	40.4	40.9	40.2	40.9	-	-	-	-	-
506	Electrical goods.....	-	41.8	42.0	41.7	40.9	-	-	-	-	-
507	Hardware; plumbing & heating equipment	-	40.2	40.2	40.1	40.4	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	41.1	40.9	40.4	40.7	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	39.6	39.5	39.4	39.5	-	-	-	-	-
52-59	RETAIL TRADE.....	33.5	33.6	34.2	34.1	34.3	-	-	-	-	-
53	Retail general merchandise.....	-	31.7	32.2	31.8	32.2	-	-	-	-	-
531	Department stores.....	-	31.3	31.9	31.5	32.1	-	-	-	-	-
532	Mail order houses.....	-	35.3	36.2	35.2	35.1	-	-	-	-	-
533	Variety stores.....	-	29.9	29.8	29.9	30.1	-	-	-	-	-
54	Food stores.....	-	32.0	32.8	32.3	32.3	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	-	32.1	33.0	32.4	32.4	-	-	-	-	-
56	Apparel and accessory stores.....	-	31.6	32.0	31.5	31.7	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	33.5	34.3	33.6	33.9	-	-	-	-	-
562	Women's ready-to-wear stores.....	-	30.8	31.1	30.8	31.1	-	-	-	-	-
565	Family clothing stores.....	-	32.5	32.8	31.5	31.8	-	-	-	-	-
566	Shoe stores.....	-	30.3	30.9	30.4	30.1	-	-	-	-	-
57	Furniture and home furnishings stores..	-	37.2	37.3	37.7	37.7	-	-	-	-	-
571	Furniture and home furnishings.....	-	37.3	37.5	37.7	37.7	-	-	-	-	-
58	Eating and drinking places ⁴	-	31.0	31.9	32.0	32.2	-	-	-	-	-
52,55,59	Other retail trade.....	-	38.0	38.2	38.3	38.5	-	-	-	-	-
52	Building materials and farm equipment	-	39.8	40.2	40.3	40.9	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	40.9	40.7	41.3	41.4	-	-	-	-	-
553,9	Other automotive & accessory dealers..	-	41.4	41.6	42.1	41.7	-	-	-	-	-
591	Drug stores and proprietary stores...	-	32.2	32.2	32.5	32.7	-	-	-	-	-
594	Book and stationery stores.....	-	33.2	34.0	33.3	33.3	-	-	-	-	-
598	Fuel and ice dealers.....	-	41.0	40.6	42.1	41.8	-	-	-	-	-
-	FINANCE, INSURANCE, AND REAL ESTATE⁷.....	37.3	37.1	37.0	36.9	37.1	-	-	-	-	-
60	Banking.....	-	37.2	37.2	37.2	37.3	-	-	-	-	-
61	Credit agencies other than banks.....	-	37.7	37.4	37.6	37.6	-	-	-	-	-
612	Savings and loan associations.....	-	37.2	36.8	36.8	37.0	-	-	-	-	-
62	Security, commodity brokers & services..	-	37.2	37.4	37.3	37.5	-	-	-	-	-
63	Insurance carriers.....	-	37.1	36.9	36.7	36.8	-	-	-	-	-
631	Life insurance.....	-	36.5	36.1	35.7	35.9	-	-	-	-	-
632	Accident and health insurance.....	-	36.3	36.3	36.3	36.2	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	38.0	37.9	37.8	37.9	-	-	-	-	-
-	SERVICES:										
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	35.2	34.8	35.3	35.5	-	-	-	-	-
721	Personal Services: Laundries & dry cleaning plants.....	-	36.2	36.3	36.6	37.2	-	-	-	-	-
722	Photographic studios.....	-	37.6	36.7	37.3	36.3	-	-	-	-	-
781	Motion pictures: Motion picture filming & distributing..	-	39.8	39.7	40.9	40.5	-	-	-	-	-

¹ For coverage of series, see footnote 1, table B-2.

² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more. April 1969: \$159.48, \$3.60, and 44.3 - May 1969: \$161.09, \$3.62 and 44.5.

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

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

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

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

*Not available.

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government

(Employment in thousands—includes both supervisory and nonsupervisory employees)

Item	1969										1968		
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
EXECUTIVE BRANCH													
Total employment	2,697.3	2,767.2	2,804.5	2,795.9	2,704.5	2,712.0	2,701.9	2,704.2	2,699.3	2,734.3	2,667.6	2,658.9	2,670.2
Average weekly hours	39.3	39.6	39.4	39.4	39.4	39.5	39.5	39.9	39.5	39.8	39.5	39.3	39.1
Average overtime hours	1.0	.9	.8	1.0	1.0	1.0	1.1	1.0	1.0	1.8	1.0	1.1	1.0
Indexes (1965=100):													
Average weekly earnings	126.0	124.7	119.1	117.8	118.9	117.5	117.5	118.7	117.5	119.0	117.2	115.8	114.3
Average hourly earnings	129.8	127.5	123.7	121.1	122.2	120.5	120.5	120.5	120.5	121.1	120.2	119.3	118.4
DEPARTMENT OF DEFENSE													
Total employment	1,111.6	1,142.9	1,167.5	1,162.4	1,125.2	1,128.2	1,129.0	1,130.4	1,131.3	1,090.6	1,093.1	1,094.1	1,097.0
Average weekly hours	39.6	39.8	38.5	40.2	39.9	39.8	40.2	40.7	40.2	39.5	40.0	40.1	39.8
Average overtime hours . . . . .	.9	1.0	.9	1.2	1.0	.8	1.2	1.2	1.3	1.2	1.1	1.4	1.0
Indexes (1965=100):													
Average weekly earnings	125.2	123.8	118.4	118.2	119.9	116.5	117.4	118.8	117.7	115.6	115.7	114.8	113.4
Average hourly earnings	129.0	126.9	125.5	120.0	122.6	119.4	119.1	119.4	119.4	119.4	118.0	116.8	116.2
POST OFFICE DEPARTMENT													
Total employment	726.5	741.0	739.8	736.6	723.1	720.9	718.5	718.4	718.5	795.4	721.8	711.5	712.8
Average weekly hours	38.7	38.7	39.1	38.4	38.5	38.8	38.7	39.4	38.6	41.4	39.3	38.6	38.2
Average overtime hours	1.2	.9	.8	.9	1.1	1.3	1.2	1.0	1.1	4.0	1.2	1.2	.9
Indexes (1965=100):													
Average weekly earnings	117.8	116.6	117.8	111.1	112.0	113.2	112.6	114.3	112.3	123.7	114.0	112.0	109.6
Average hourly earnings	125.7	124.4	124.4	119.5	120.1	120.5	120.1	119.8	120.1	123.4	119.8	119.8	118.5
OTHER AGENCIES													
Total employment	859.2	883.3	897.2	896.9	856.2	862.9	854.4	855.4	849.5	848.3	852.7	853.3	860.4
Average weekly hours	39.4	40.0	39.6	39.2	39.6	39.8	39.3	39.4	39.2	38.9	39.1	38.8	38.9
Average overtime hours . . . . .	.8	.8	.8	.9	.9	.9	.8	.8	.7	.7	.8	.7	.8
Indexes (1965=100):													
Average weekly earnings	133.8	131.4	122.0	122.9	124.2	122.9	121.9	122.4	121.8	121.4	122.1	120.1	119.0
Average hourly earnings	134.1	129.8	121.7	123.8	123.8	122.0	122.5	122.8	122.8	123.3	123.3	122.2	120.9

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

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

Major industry group	Average hourly earnings excluding overtime ¹				
	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
MANUFACTURING	\$3.13	\$3.10	\$3.09	\$2.94	\$2.92
DURABLE GOODS	3.32	3.29	3.27	3.11	3.09
Ordnance and accessories	-	3.39	3.38	3.19	3.18
Lumber and wood products	-	2.70	2.70	2.50	2.49
Furniture and fixtures	-	2.57	2.57	2.42	2.40
Stone, clay, and glass products	-	3.09	3.06	2.89	2.88
Primary metal industries	-	3.67	3.67	3.46	3.45
Fabricated metal products	-	3.22	3.21	3.06	3.04
Machinery, except electrical	-	3.48	3.43	3.28	3.27
Electrical equipment and supplies	-	3.02	3.01	2.90	2.87
Transportation equipment	-	3.77	3.75	3.59	3.55
Instruments and related products	-	3.10	3.07	2.94	2.92
Miscellaneous manufacturing industries	-	2.59	2.58	2.44	2.42
NONDURABLE GOODS	2.85	2.83	2.82	2.69	2.67
Food and kindred products	-	2.82	2.79	2.71	2.67
Tobacco manufactures	-	2.48	2.48	2.47	2.33
Textile mill products	-	2.30	2.29	2.16	2.16
Apparel and other textile products	-	2.30	2.30	2.21	2.22
Paper and allied products	-	3.10	3.10	2.93	2.91
Printing and publishing	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.40	3.38	3.20	3.18
Petroleum and coal products	-	3.87	3.85	3.64	3.60
Rubber and plastics products, n e c	-	2.96	2.97	2.84	2.83
Leather and leather products	-	2.34	2.32	2.21	2.20

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

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

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-5: Gross and spendable average weekly earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, in current and 1957-59 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
TOTAL PRIVATE:									
Current dollars	\$117.25	\$117.80	\$110.29	\$92.89	\$93.30	\$88.23	\$102.01	\$102.44	\$97.15
1957-59 dollars	90.33	91.11	89.74	71.56	72.16	71.79	78.59	79.23	79.05
MINING:									
Current dollars	159.71	157.91	138.86	123.98	122.63	109.32	135.08	133.62	119.23
1957-59 dollars	123.04	122.13	112.99	95.52	94.84	88.95	104.07	103.34	97.01
CONTRACT CONSTRUCTION:									
Current dollars	189.20	192.96	173.57	146.01	148.70	135.01	159.02	162.06	146.92
1957-59 dollars	145.76	149.23	141.23	112.49	115.00	109.85	122.51	125.34	119.54
MANUFACTURING:									
Current dollars	132.28	132.84	125.77	103.93	104.34	99.65	113.57	114.01	109.06
1957-59 dollars	101.91	102.74	102.34	80.07	80.70	81.08	87.50	88.17	88.74
WHOLESALE AND RETAIL TRADE:									
Current dollars	92.13	92.46	87.11	74.27	74.52	70.78	82.74	83.00	79.06
1957-59 dollars	70.98	71.51	70.88	57.22	57.63	57.59	63.74	64.19	64.33
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	109.45	108.41	103.51	87.17	86.40	83.22	96.07	95.28	91.97
1957-59 dollars	84.32	83.84	84.22	67.16	66.82	67.71	74.01	73.69	74.83

¹For coverage of series, see footnote 1, table B-2.
NOTE: Data for the current month are preliminary.

C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities¹

Industry	1957-59=100				
	Nov. 1969	Oct. 1969	Sept. 1969	Nov. 1968	Oct. 1968
	Man-hours				
TOTAL	117.7	120.8	122.8	117.2	119.4
MINING	82.9	83.5	84.6	80.5	71.4
CONTRACT CONSTRUCTION	120.4	128.7	133.9	109.2	124.9
MANUFACTURING	119.0	121.2	122.7	120.5	120.8
DURABLE GOODS	123.8	127.7	128.8	126.3	125.7
Ordnance and accessories	195.2	193.2	199.0	232.1	218.9
Lumber and wood products	90.1	92.3	94.7	93.2	96.1
Furniture and fixtures	131.4	134.9	135.0	133.6	134.1
Stone, clay, and glass products	114.2	116.1	118.0	112.7	114.9
Primary metal industries	114.1	114.7	116.6	106.0	104.0
Fabricated metal products	132.6	133.6	135.4	133.2	132.2
Machinery, except electrical	135.3	137.3	138.2	134.4	132.4
Electrical equipment and supplies	137.1	152.8	152.5	147.5	146.3
Transportation equipment	118.1	122.5	124.1	127.1	126.7
Instruments and related products	128.2	129.3	130.9	129.2	128.1
Miscellaneous manufacturing industries	118.3	118.5	115.6	118.8	119.6
NONDURABLE GOODS	112.7	112.8	114.7	112.9	114.5
Food and kindred products	101.8	102.3	109.5	98.8	104.0
Tobacco manufactures	81.9	91.2	95.3	87.4	99.5
Textile mill products	105.6	104.6	104.9	108.6	108.4
Apparel and other textile products	117.0	117.9	117.8	118.7	120.8
Paper and allied products	122.4	122.4	123.7	121.2	120.6
Printing and publishing	120.9	120.8	120.7	118.8	118.9
Chemicals and allied products	123.7	122.6	123.5	124.0	123.0
Petroleum and coal products	82.8	84.0	84.6	83.6	84.4
Rubber and plastics products, nec.	164.2	165.1	165.7	163.7	164.1
Leather and leather products	89.7	87.6	86.4	96.2	96.2
	Payrolls				
MINING	122.2	123.1	123.3	112.0	95.2
CONTRACT CONSTRUCTION	210.7	225.3	232.7	175.7	200.0
MANUFACTURING	183.5	186.0	188.0	175.6	174.7

¹For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.
NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED HOURS

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

Industry	Nov. 1969	Oct. 1969	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968	Nov. 1968
TOTAL PRIVATE	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.5	37.8	37.6	37.6
MINING	43.8	42.9	43.2	43.2	42.6	42.0	43.4	43.8	42.8	43.3	43.3	43.3	43.2
CONTRACT CONSTRUCTION	38.1	37.4	38.1	37.9	37.5	37.6	38.1	38.0	37.9	38.0	38.2	37.6	36.2
MANUFACTURING	40.5	40.5	40.8	40.6	40.7	40.7	40.7	40.8	40.9	40.1	40.6	40.8	40.8
<i>Overtime hours</i>	3.4	3.5	3.7	3.7	3.6	3.6	3.6	3.7	3.7	3.5	3.8	3.7	3.8
DURABLE GOODS	41.1	41.2	41.5	41.3	41.2	41.3	41.4	41.4	41.5	40.9	41.3	41.3	41.6
<i>Overtime hours</i>	3.4	3.7	3.9	3.8	3.8	3.9	3.8	3.8	3.9	3.8	3.8	3.9	4.0
Ordnance and accessories	40.4	40.2	40.4	40.4	40.2	40.9	40.6	40.9	40.8	40.3	40.0	41.3	41.4
Lumber and wood products	40.5	39.9	40.1	39.8	39.7	40.2	40.3	40.2	40.9	40.8	40.0	41.1	40.6
Furniture and fixtures	39.8	39.9	40.1	40.3	40.1	40.7	40.9	40.9	40.7	40.1	40.6	40.5	40.5
Stone, clay, and glass products	41.7	41.7	42.1	42.1	41.7	41.9	42.1	42.0	42.3	42.2	41.8	42.0	41.8
Primary metal industries	41.8	42.2	42.2	42.0	41.5	41.7	41.7	41.8	41.9	41.6	41.7	41.6	41.4
Fabricated metal products	41.5	41.5	41.5	41.6	41.6	41.8	41.6	41.8	41.9	41.2	41.8	41.7	42.1
Machinery, except electrical	42.6	42.4	42.7	42.6	42.2	42.5	42.6	42.6	42.7	42.3	42.5	42.2	42.3
Electrical equipment and supplies	39.9	40.2	40.5	40.4	40.3	40.6	40.6	40.9	40.7	39.7	40.4	40.2	40.3
Transportation equipment	40.4	41.4	41.8	41.2	42.3	41.6	41.1	41.5	41.6	41.6	41.4	41.8	42.3
Instruments and related products	41.2	40.7	41.0	40.9	40.9	40.9	40.8	40.8	40.7	39.7	40.7	40.5	40.7
Miscellaneous manufacturing industries	39.1	38.9	39.0	39.0	39.1	39.2	39.1	39.5	39.0	37.6	39.2	39.0	39.2
NONDURABLE GOODS	39.5	39.5	39.7	39.6	39.7	39.8	39.8	39.8	39.9	39.1	39.8	39.9	39.7
<i>Overtime hours</i>	3.2	3.2	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.2	3.6	3.4	3.4
Food and kindred products	40.8	40.7	41.0	40.9	40.6	40.7	40.8	40.9	40.9	40.7	40.6	40.9	40.6
Tobacco manufactures	37.7	37.3	37.4	37.2	38.2	39.5	38.1	36.4	36.5	36.6	37.2	37.1	37.5
Textile mill products	40.7	40.6	40.8	40.9	41.2	41.2	41.0	41.1	40.9	39.9	40.6	41.2	41.1
Apparel and other textile products	35.7	36.0	35.8	35.9	36.0	36.2	36.1	36.0	36.0	35.2	36.2	36.1	36.0
Paper and allied products	42.6	42.7	42.8	42.8	43.0	42.9	43.0	43.4	43.2	42.5	43.5	43.2	43.0
Printing and publishing	38.5	38.3	38.3	38.4	38.5	38.4	38.4	38.3	38.3	37.9	38.4	38.5	38.4
Chemicals and allied products	41.7	41.7	41.6	41.9	41.9	41.8	41.8	41.6	41.7	41.7	41.9	41.9	41.9
Petroleum and coal products	42.2	42.5	42.0	42.8	42.9	42.2	43.0	42.9	43.2	42.6	41.8	42.7	42.6
Rubber and plastics products, nec	40.8	40.8	41.0	40.9	41.2	41.3	41.4	41.4	41.4	40.7	41.5	41.5	41.4
Leather and leather products	37.6	37.2	37.1	36.8	37.0	37.4	37.6	37.7	37.6	35.3	37.6	37.8	37.9
WHOLESALE AND RETAIL TRADE	35.4	35.5	35.7	35.8	35.7	35.7	35.7	35.6	35.7	35.7	35.8	35.7	35.8
WHOLESALE TRADE	40.3	40.2	40.3	40.3	40.0	40.0	40.1	40.2	40.1	40.1	40.1	40.0	40.0
RETAIL TRADE	33.9	33.8	34.2	34.3	34.2	34.2	34.3	34.1	34.3	34.2	34.4	34.3	34.5
FINANCE, INSURANCE, AND REAL ESTATE ...	37.3	37.1	37.1	37.0	37.0	37.2	37.0	37.1	37.1	37.1	37.2	37.0	36.9

¹For coverage of series, see footnote 1, table B-2.

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED

C-8: Indexes of aggregate weekly man-hours in industrial and construction activities¹
seasonally adjusted

1957-59=100

Industry	Nov. 1969	Oct. 1969	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968	Nov. 1968
TOTAL	116.5	117.4	118.4	119.0	118.0	118.6	118.1	118.1	118.3	116.8	117.4	116.9	115.9
MINING	83.6	82.3	83.0	82.8	81.4	78.9	81.7	82.8	81.1	82.5	82.0	81.7	81.3
CONTRACT CONSTRUCTION	120.8	117.2	119.5	118.1	117.9	119.5	119.3	117.4	117.7	118.0	117.7	115.3	110.0
MANUFACTURING	117.3	119.2	120.0	121.0	119.8	120.4	119.7	120.0	120.3	118.4	119.1	119.0	118.7
DURABLE GOODS	122.1	126.2	127.2	128.5	126.2	126.9	125.8	126.3	126.8	124.9	125.3	124.5	124.4
Ordnance and accessories	191.0	190.0	196.7	205.7	211.5	216.3	219.3	222.1	226.2	221.1	220.6	226.6	227.2
Lumber and wood products	91.1	90.6	92.3	92.0	92.1	94.7	95.3	94.2	96.3	95.9	94.2	96.0	94.2
Furniture and fixtures	128.1	131.0	131.6	132.9	131.6	134.6	135.6	135.9	134.2	132.3	132.9	130.8	130.4
Stone, clay, and glass products	113.3	113.3	113.9	113.5	112.2	114.0	113.3	113.6	115.7	115.9	114.2	113.9	112.0
Primary metal industries	116.7	118.8	118.3	115.7	113.2	113.7	112.2	111.9	112.9	111.5	111.0	110.0	108.1
Fabricated metal products	130.4	131.3	132.5	132.9	132.2	132.8	132.1	132.4	133.0	130.1	131.3	129.9	130.6
Machinery, except electrical	136.1	138.7	139.0	137.3	136.3	138.1	137.3	137.7	137.3	136.7	136.3	134.0	135.1
Electrical equipment and supplies	133.5	150.2	150.7	150.7	150.4	150.6	150.8	150.6	149.3	144.7	146.0	143.8	143.5
Transportation equipment	113.2	118.7	121.7	131.2	121.7	120.0	115.7	118.6	119.9	119.4	119.9	120.0	121.7
Instruments and related products	126.4	128.5	129.9	130.9	130.4	130.9	131.5	130.6	130.2	125.7	128.5	127.5	127.8
Miscellaneous manufacturing industries	110.2	109.3	109.3	109.9	111.8	111.4	110.8	112.3	111.2	106.3	112.4	111.8	110.5
NONDURABLE GOODS	111.1	110.1	110.6	111.2	111.5	112.1	111.8	111.7	111.8	109.8	111.0	111.8	111.3
Food and kindred products	99.0	95.1	97.3	97.5	96.2	96.8	97.4	97.6	97.8	97.9	96.9	97.3	96.0
Tobacco manufactures	74.7	73.9	76.4	79.4	79.2	83.1	80.2	75.5	76.8	77.0	80.5	78.0	80.0
Textile mill products	104.2	103.3	103.9	104.3	106.2	106.2	105.5	106.2	106.3	104.1	106.1	107.5	107.2
Apparel and other textile products	115.7	116.9	116.3	116.9	117.8	119.1	118.8	118.2	117.6	114.3	119.0	117.7	117.5
Paper and allied products	121.1	121.2	121.7	121.7	121.8	121.7	121.6	121.6	122.4	120.4	122.1	121.0	119.8
Printing and publishing	120.5	120.0	119.3	119.3	119.4	118.9	118.1	118.3	118.5	117.0	118.8	118.7	118.2
Chemicals and allied products	123.9	123.1	123.0	124.9	125.1	125.4	124.2	123.6	124.5	124.5	124.5	124.5	124.3
Petroleum and coal products	82.9	82.8	81.2	83.4	84.3	82.9	83.8	83.6	82.8	71.0	50.4	83.9	83.7
Rubber and plastics products, nec	160.4	161.5	162.6	163.3	164.9	165.3	164.2	163.5	163.5	160.4	162.0	161.0	159.8
Leather and leather products	88.9	88.3	87.1	89.1	89.0	91.5	92.3	92.5	92.6	87.2	94.1	94.3	95.2

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

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

OUTPUT PER MAN-HOUR SEASONALLY ADJUSTED

C-9: Output per man-hour, hourly compensation, and unit labor costs,
private economy, seasonally adjusted

(Indexes 1957-59=100)

Year and quarter	Output		Man-hours		Output per man-hour		Compensation per man-hour ¹		Real compensation per man-hour ²		Unit labor costs	
	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam
1966: 1st Quarter	143.2	144.8	109.4	113.7	130.9	127.3	139.2	135.5	124.9	121.6	106.3	106.5
2d Quarter	144.3	146.3	109.8	114.5	131.5	127.7	142.0	137.9	126.1	122.5	108.0	108.0
3d Quarter	145.3	147.4	110.5	115.5	131.5	127.6	144.0	139.6	126.7	122.9	109.5	109.4
4th Quarter	146.9	149.0	110.6	115.5	132.9	129.0	146.5	141.9	128.0	123.9	110.3	110.0
Annual average	144.9	146.9	110.1	114.8	131.7	127.9	142.9	138.8	126.5	122.8	108.5	108.5
1967: 1st Quarter	146.4	148.2	110.6	115.5	132.4	128.3	147.9	143.5	129.0	125.2	111.7	111.9
2d Quarter	147.2	148.9	109.6	114.9	134.4	129.6	150.3	145.5	130.1	126.0	111.9	112.3
3d Quarter	148.9	150.7	110.3	115.3	134.9	130.6	152.2	147.6	130.4	126.4	112.9	113.0
4th Quarter	150.2	152.1	110.9	116.0	135.4	131.1	154.3	149.7	131.1	127.2	114.0	114.2
Annual average	148.2	150.0	110.4	115.4	134.3	129.9	151.2	146.6	130.1	126.2	112.6	112.9
1968: 1st Quarter	152.4	154.3	111.2	116.4	137.0	132.6	158.5	153.6	133.3	129.2	115.7	115.9
2d Quarter	155.2	157.5	112.2	117.5	138.3	134.1	160.8	155.7	133.7	129.4	116.3	116.1
3d Quarter	156.7	159.0	112.7	118.3	139.0	134.4	163.7	158.1	134.5	129.8	117.8	117.6
4th Quarter	158.1	160.6	112.6	118.3	140.4	135.8	167.8	162.0	136.3	131.5	119.6	119.4
Annual average	155.6	157.9	112.2	117.6	138.7	134.2	162.7	157.4	134.4	130.0	117.4	117.3
1969: 1st Quarter	159.1	161.5	113.7	119.6	139.9	135.0	170.5	164.4	136.7	131.8	121.8	121.8
2d Quarter	159.9	162.3	114.6	122.7	139.5	134.5	172.7	166.5	136.2	131.3	123.8	123.8
3d Quarter	160.7	163.1	115.0	121.4	139.8	134.3	175.7	169.0	136.7	131.4	125.8	125.8
Percent change from previous quarter ³												
1966: 1st Quarter	2.0	2.1	0.5	0.8	1.5	1.2	2.1	1.8	1.4	1.0	0.6	0.5
2d Quarter	0.8	1.0	0.4	0.7	0.4	0.3	2.0	1.8	0.9	0.7	1.6	1.5
3d Quarter	0.7	0.8	0.7	0.9	0.0	- 0.1	1.4	1.2	0.5	0.3	1.4	1.3
4th Quarter	1.1	1.1	0.1	0.0	1.0	1.1	1.8	1.6	1.0	0.8	0.7	0.5
1967: 1st Quarter	- 0.4	- 0.6	0.0	- 0.1	- 0.4	- 0.5	1.0	1.2	0.8	1.0	1.3	1.7
2d Quarter	0.6	0.5	- 0.9	- 0.5	1.5	1.0	1.6	1.3	0.9	0.6	0.1	0.3
3d Quarter	1.1	1.2	0.7	0.4	0.4	0.7	1.3	1.4	0.2	0.4	0.9	0.7
4th Quarter	0.9	1.0	0.5	0.6	0.4	0.4	1.4	1.4	0.5	0.6	1.0	1.1
1968: 1st Quarter	1.5	1.5	0.3	0.3	1.2	1.2	2.7	2.6	1.7	1.6	1.5	1.4
2d Quarter	1.8	2.0	0.9	0.9	0.9	1.1	1.5	1.3	0.3	0.2	0.5	0.2
3d Quarter	1.0	1.0	0.5	0.7	0.5	0.3	1.8	1.6	0.6	0.3	1.3	1.3
4th Quarter	0.9	1.0	- 0.1	0.0	0.9	1.0	2.5	2.5	1.3	1.3	1.6	1.5
1969: 1st Quarter	0.7	0.6	0.9	1.1	- 0.3	- 0.6	1.6	1.4	0.3	0.2	1.8	2.0
2d Quarter	0.5	0.5	0.8	0.9	- 0.3	- 0.4	1.3	1.3	- 0.4	- 0.4	1.7	1.7
3d Quarter	0.5	0.5	0.3	0.6	0.2	- 0.1	1.7	1.5	0.3	0.0	1.6	1.4
Percent change from previous year ⁴												
1968: 1st Quarter	4.1	4.1	0.6	0.8	3.5	3.3	7.2	7.0	3.4	3.2	3.5	3.6
2d Quarter	5.4	5.8	2.4	2.3	2.9	3.4	7.0	7.0	2.7	2.7	3.9	3.5
3d Quarter	5.3	5.6	2.1	2.6	3.1	2.9	7.6	7.2	3.1	2.7	4.4	4.1
4th Quarter	5.3	5.6	1.5	1.9	3.7	3.6	8.8	8.3	3.9	3.4	4.9	4.5
1969: 1st Quarter	4.4	4.6	2.2	2.8	2.1	1.8	7.6	7.0	2.6	2.0	5.3	5.1
2d Quarter	3.0	3.0	2.2	2.7	0.8	0.3	7.4	7.0	1.9	1.5	6.5	6.6
3d Quarter	2.5	2.5	2.0	2.6	0.5	- 0.1	7.3	6.9	1.7	1.2	6.8	6.9

¹ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplementary payments for the self-employed.

² Compensation per man-hour adjusted for changes in the consumer price index.

³ Percent change based on aggregates.

⁴ Current quarter divided by comparable quarter a year ago.

Source: Output data from the Office of Business Economics, U.S. Department of Commerce. Man-hours and compensation of all persons from the Bureau of Labor Statistics. See BLS Handbook of Methods for Surveys and Studies--Chapter 22. Output Per Man-Hour Measures, Private Economy.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
ALABAMA	\$112.61	\$112.89	\$106.14	41.1	41.2	41.3	\$2.74	\$2.74	\$2.57
Birmingham	135.62	134.88	126.18	41.6	41.5	41.1	3.26	3.25	3.07
Mobile	130.31	133.67	129.86	41.5	42.3	43.0	3.14	3.16	3.02
ALASKA	(*)	200.69	176.11	(*)	40.3	40.3	(*)	4.98	4.37
ARIZONA	126.63	126.54	123.71	40.2	40.3	41.1	3.15	3.14	3.01
Phoenix	127.43	126.40	125.77	40.2	40.0	41.1	3.17	3.16	3.06
Tucson	134.46	132.80	124.95	41.5	41.5	40.7	3.24	3.20	3.07
ARKANSAS	96.46	97.64	92.70	40.7	41.2	41.2	2.37	2.37	2.25
Fort Smith	91.41	96.12	87.70	39.4	40.9	40.6	2.32	2.35	2.16
Little Rock-North Little Rock	100.00	101.18	97.64	40.0	40.8	41.2	2.50	2.48	2.37
Pine Bluff	122.78	121.01	114.68	41.2	41.3	41.7	2.98	2.93	2.75
CALIFORNIA	148.67	148.56	142.45	40.4	40.7	40.7	3.68	3.65	3.50
Anaheim-Santa Ana-Garden Grove	148.92	150.70	140.63	40.8	41.4	41.0	3.65	3.64	3.43
Bakersfield	149.88	151.03	145.25	40.4	40.6	41.5	3.71	3.72	3.50
Fresno	123.80	121.91	121.10	39.3	38.7	40.1	3.15	3.15	3.02
Los Angeles-Long Beach	145.25	144.54	139.54	40.8	40.6	40.8	3.56	3.56	3.42
Modesto-Turlock	125.19	132.07	119.04	39.0	41.4	38.4	3.21	3.19	3.10
Oxnard-Ventura	126.55	126.68	125.36	38.7	39.1	41.1	3.27	3.24	3.05
Sacramento	153.58	158.12	155.36	38.3	41.5	41.1	4.01	3.81	3.78
Salinas-Monterey	134.13	135.34	125.06	39.8	40.4	39.7	3.37	3.35	3.15
San Bernardino-Riverside-Ontario	141.50	144.94	143.94	40.2	40.6	41.6	3.52	3.57	3.46
San Diego	161.18	157.99	151.10	40.6	40.2	40.4	3.97	3.93	3.74
San Francisco-Oakland	161.95	162.81	154.80	39.5	40.1	40.0	4.10	4.06	3.87
San Jose	155.16	154.09	146.97	40.3	41.2	40.6	3.85	3.74	3.62
Santa Barbara	132.38	140.70	129.89	39.4	40.2	39.6	3.36	3.30	3.28
Santa Rosa	129.69	126.34	121.48	39.3	38.4	39.7	3.30	3.29	3.06
Stockton	146.12	147.63	138.38	39.6	42.3	40.7	3.69	3.49	3.40
Vallejo-Napa	137.83	142.40	132.50	38.5	38.8	39.2	3.58	3.67	3.38
COLORADO	(*)	(*)	129.60	(*)	(*)	40.5	(*)	(*)	3.20
Denver	(*)	(*)	134.72	(*)	(*)	40.7	(*)	(*)	3.31
CONNECTICUT	139.44	139.26	131.98	42.0	42.2	42.3	3.32	3.30	3.12
Bridgeport	142.72	143.06	137.82	42.1	42.2	42.8	3.39	3.39	3.22
Hartford	148.94	153.04	143.55	42.8	43.6	43.5	3.48	3.48	3.30
New Britain	141.79	138.86	131.77	42.2	41.7	41.7	3.36	3.33	3.16
New Haven	138.44	139.35	131.04	41.7	42.1	41.6	3.32	3.31	3.15
Stamford	148.67	145.67	137.70	42.6	42.1	42.5	3.49	3.46	3.24
Waterbury	125.56	126.27	122.35	40.9	41.4	41.9	3.07	3.05	2.92
DELAWARE	131.93	136.94	142.23	40.1	41.0	43.1	3.29	3.34	3.30
Wilmington	147.42	153.14	158.05	40.5	41.5	43.3	3.64	3.69	3.65
DISTRICT OF COLUMBIA :									
Washington SMSA	(*)	140.66	130.87	(*)	39.4	39.3	(*)	3.57	3.33
FLORIDA	(*)	115.92	108.99	(*)	41.4	41.6	(*)	2.80	2.62
Fort Lauderdale-Hollywood	(*)	112.75	102.62	(*)	39.7	40.4	(*)	2.84	2.54
Jacksonville	(*)	123.26	107.59	(*)	42.8	40.6	(*)	2.88	2.65
Miami	(*)	111.65	101.35	(*)	41.2	41.2	(*)	2.71	2.46
Orlando	(*)	115.83	116.53	(*)	40.5	43.0	(*)	2.86	2.71
Pensacola	(*)	133.90	128.74	(*)	41.2	41.8	(*)	3.25	3.08
Tampa-St. Petersburg	(*)	118.02	112.52	(*)	42.0	42.3	(*)	2.81	2.66
West Palm Beach	(*)	122.72	116.41	(*)	40.5	43.6	(*)	3.03	2.67
GEORGIA	108.21	106.97	100.19	41.3	41.3	41.4	2.62	2.59	2.42
Atlanta	135.79	131.54	125.82	40.9	40.6	41.8	3.32	3.24	3.01
Savannah	131.63	130.51	125.42	42.6	42.1	43.1	3.09	3.10	2.91
HAWAII	130.49	127.20	121.36	40.4	40.0	41.0	3.23	3.18	2.96
Honolulu	135.05	126.43	121.39	40.8	38.9	40.6	3.31	3.25	2.99
IDAHO	125.26	129.87	120.87	38.9	39.0	39.5	3.22	3.33	3.06
ILLINOIS	(*)	144.93	136.82	(*)	41.5	41.3	(*)	3.50	3.31
Chicago	(*)	147.26	138.13	(*)	41.4	41.3	(*)	3.55	3.35
Davenport-Rock Island-Moline	(*)	153.45	152.11	(*)	40.2	40.0	(*)	3.82	3.80

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: Gross hours and earnings of production workers on manufacturing payrolls,
 by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
ILLINOIS (continued)									
Peoria	(*)	\$161.79	\$158.57	(*)	41.8	42.2	(*)	\$3.87	\$3.76
Rockford	(*)	155.82	146.38	(*)	44.0	43.9	(*)	3.54	3.33
INDIANA	\$146.78	148.10	138.84	41.0	41.6	41.2	\$3.58	3.56	3.37
Indianapolis	(*)	149.23	139.52	(*)	41.8	41.4	(*)	3.57	3.37
IOWA	143.72	142.61	134.97	40.6	40.4	41.1	3.54	3.53	3.29
Cedar Rapids	142.27	144.01	131.91	41.0	41.5	41.1	3.47	3.47	3.21
Des Moines	158.80	157.17	142.31	41.9	41.8	40.6	3.79	3.76	3.51
Dubuque	157.38	160.74	145.81	38.2	39.3	39.3	4.12	4.09	3.71
Sioux City	132.40	132.82	132.11	41.9	41.9	43.4	3.16	3.17	3.04
Waterloo	158.80	152.82	170.08	39.9	39.9	43.6	3.98	3.83	3.90
KANSAS	131.32	130.84	130.58	42.3	42.4	42.7	3.11	3.08	3.06
Topeka	163.75	161.02	153.62	46.4	46.5	45.2	3.53	3.46	3.40
Wichita	(*)	135.92	136.75	(*)	42.5	42.2	(*)	3.20	3.24
KENTUCKY	124.93	124.31	119.48	40.3	40.1	40.5	3.10	3.10	2.95
Louisville	138.01	137.95	140.61	39.6	39.7	41.9	3.48	3.48	3.36
LOUISIANA	131.70	130.93	122.60	42.9	42.1	41.7	3.07	3.11	2.94
Baton Rouge	157.92	158.79	148.06	42.0	42.8	40.9	3.76	3.71	3.62
New Orleans	136.59	135.22	128.44	41.9	41.1	41.7	3.26	3.29	3.08
Shreveport	123.61	122.18	108.88	41.9	41.7	41.4	2.95	2.93	2.63
MAINE	105.06	104.66	99.38	40.1	40.1	40.4	2.62	2.61	2.46
Lewiston-Auburn	84.01	86.11	85.58	35.9	36.8	37.7	2.34	2.34	2.27
Portland	111.23	110.57	104.40	40.3	40.5	40.0	2.76	2.73	2.61
MARYLAND	131.45	134.07	123.12	40.2	41.0	40.5	3.27	3.27	3.04
Baltimore	136.00	140.08	126.45	40.0	41.2	40.4	3.40	3.40	3.13
MASSACHUSETTS	122.85	124.00	118.55	39.5	40.0	40.6	3.11	3.10	2.92
Boston	131.32	132.93	127.48	39.2	39.8	40.6	3.35	3.34	3.14
Brockton	104.99	103.97	101.14	37.1	37.0	38.9	2.81	2.81	2.60
Fall River	91.87	91.35	89.55	35.2	35.0	36.7	2.61	2.61	2.44
Lawrence-Haverhill	115.42	115.60	112.48	39.8	40.0	41.2	2.90	2.89	2.73
Lowell	107.03	108.98	103.83	38.5	39.2	40.4	2.78	2.78	2.57
New Bedford	98.10	98.47	97.25	37.3	37.3	38.9	2.63	2.64	2.50
Springfield-Chicopee-Holyoke	127.20	128.21	119.50	40.0	40.7	40.1	3.18	3.15	2.98
Worcester	130.80	131.46	123.72	40.0	40.7	40.3	3.27	3.23	3.07
MICHIGAN	169.03	172.27	170.51	42.3	42.8	44.3	4.00	4.03	3.85
Ann Arbor	161.66	163.95	170.07	40.7	41.1	42.7	3.97	3.99	3.98
Battle Creek	163.69	165.46	155.34	42.2	42.7	42.9	3.88	3.88	3.62
Bay City	151.22	155.96	160.26	41.6	43.0	45.4	3.64	3.63	3.53
Detroit	182.80	185.97	179.47	43.4	43.8	44.8	4.21	4.25	4.01
Flint	186.52	190.86	187.39	42.0	42.9	42.9	4.44	4.45	4.37
Grand Rapids	146.36	150.23	142.68	40.7	41.8	42.4	3.60	3.59	3.37
Jackson	155.88	160.38	150.73	40.0	40.8	40.4	3.90	3.93	3.73
Kalamazoo	158.99	160.76	148.50	43.5	43.9	42.5	3.66	3.66	3.49
Lansing	172.66	180.67	192.83	42.0	43.4	46.6	4.11	4.16	4.14
Muskegon-Muskegon Heights	149.07	149.60	137.22	41.5	42.2	40.1	3.59	3.55	3.42
Saginaw	173.19	169.57	181.08	42.2	41.9	45.0	4.10	4.05	4.02
MINNESOTA	140.61	138.65	131.43	41.4	41.5	41.3	3.40	3.34	3.18
Duluth-Superior	127.50	127.65	121.28	39.1	39.2	39.3	3.26	3.26	3.08
Minneapolis-St. Paul	149.31	147.97	139.55	41.7	41.6	41.8	3.58	3.56	3.33
MISSISSIPPI	95.88	97.06	93.60	40.8	41.3	41.6	2.35	2.35	2.25
Jackson	92.75	94.58	92.96	40.5	41.3	41.5	2.29	2.29	2.24
MISSOURI	130.15	130.80	126.98	39.8	40.0	40.7	3.27	3.27	3.12
Kansas City	129.20	131.22	130.29	40.0	40.5	41.1	3.23	3.24	3.17
St. Joseph ¹	139.53	142.14	130.66	42.8	43.6	43.7	3.26	3.26	2.99
St. Louis	147.06	147.83	141.45	40.4	40.5	41.0	3.64	3.65	3.45
Springfield	106.14	106.47	-	39.4	39.7	-	2.70	2.68	-
MONTANA	144.08	145.44	136.18	40.7	41.2	41.9	3.54	3.53	3.25
NEBRASKA	128.30	128.97	124.31	42.6	43.1	43.3	3.01	2.99	2.87
Omaha	131.08	130.84	127.78	41.8	41.9	42.8	3.14	3.12	2.98

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
NEVADA.....	\$157.17	\$159.58	\$152.49	39.0	39.5	39.1	\$4.03	\$4.04	\$3.90
NEW HAMPSHIRE ¹	105.60	105.74	101.66	39.7	39.9	40.5	2.66	2.65	2.51
Manchester ¹	97.14	96.00	90.62	38.7	38.4	38.4	2.51	2.50	2.36
NEW JERSEY.....	135.63	135.55	129.68	41.1	41.2	41.3	3.30	3.29	3.14
Atlantic City.....	107.87	107.33	102.72	40.1	39.9	40.6	2.69	2.69	2.53
Camden ²	137.61	136.27	130.82	41.2	40.8	41.4	3.34	3.34	3.16
Jersey City ³	143.56	142.80	130.00	42.6	42.5	41.4	3.37	3.36	3.14
Newark ³	135.81	134.34	131.04	40.3	40.1	41.6	3.37	3.35	3.15
Paterson-Clifton-Passaic ³	136.70	137.19	130.41	41.3	41.7	41.4	3.31	3.29	3.15
Perth Amboy ³	139.88	138.99	136.62	40.9	41.0	41.4	3.42	3.39	3.30
Trenton.....	126.72	129.04	128.11	40.1	40.2	40.8	3.16	3.21	3.14
NEW MEXICO.....	108.25	108.40	102.00	38.8	40.0	40.0	2.79	2.71	2.55
Albuquerque.....	122.18	121.51	110.57	41.7	41.9	40.5	2.93	2.90	2.73
NEW YORK.....	(*)	130.22	124.93	(*)	39.7	40.3	(*)	3.28	3.10
Albany-Schenectady-Troy.....	142.27	143.24	133.90	41.0	41.4	40.7	3.47	3.46	3.29
Binghamton.....	136.10	136.21	126.84	42.4	42.3	42.0	3.21	3.22	3.02
Buffalo.....	156.49	158.38	147.97	41.4	41.9	41.8	3.78	3.78	3.54
Elmira.....	121.83	124.00	114.80	39.3	40.0	40.0	3.10	3.10	2.87
Monroe County ⁴	160.02	162.35	150.23	42.0	42.5	42.2	3.81	3.82	3.56
Nassau and Suffolk Counties ⁵	129.82	128.95	126.28	39.7	39.8	41.0	3.27	3.24	3.08
New York-Northeastern New Jersey.....	(*)	128.12	124.31	(*)	39.3	40.1	(*)	3.26	3.10
New York SMSA ³	(*)	122.24	119.47	(*)	38.2	39.3	(*)	3.20	3.04
New York City ⁵	(*)	120.26	117.56	(*)	37.7	38.8	(*)	3.19	3.03
Rochester.....	153.67	156.71	143.90	42.1	42.7	42.2	3.65	3.67	3.41
Rockland County ⁵	133.22	132.19	130.90	41.5	41.7	42.5	3.21	3.17	3.08
Syracuse.....	139.74	141.10	135.56	41.4	41.5	42.1	3.40	3.40	3.22
Utica-Rome.....	126.86	125.33	119.48	40.4	40.3	41.2	3.14	3.11	2.90
Westchester County ⁵	127.92	129.56	128.64	39.0	39.5	41.1	3.28	3.28	3.13
NORTH CAROLINA.....	96.87	95.99	92.06	40.7	40.5	41.1	2.38	2.37	2.24
Asheville.....	93.38	92.29	89.54	40.6	40.3	40.7	2.30	2.29	2.20
Charlotte.....	100.86	100.70	96.74	41.0	41.1	41.7	2.46	2.45	2.32
Greensboro-Winston-Salem-High Point.....	102.70	102.31	97.84	39.5	39.5	40.1	2.60	2.59	2.44
Raleigh.....	98.33	97.75	89.28	40.8	40.9	40.4	2.41	2.39	2.21
NORTH DAKOTA.....	118.20	115.62	109.94	41.1	40.2	40.2	2.87	2.87	2.73
Fargo-Moorhead.....	129.71	122.29	115.83	40.7	38.7	39.8	3.19	3.16	2.91
OHIO.....	154.27	156.27	146.09	41.9	42.4	42.1	3.68	3.69	3.47
Akron.....	173.33	172.18	165.61	43.0	43.0	43.3	4.03	4.00	3.82
Canton.....	153.25	158.63	138.24	41.2	42.5	40.2	3.72	3.73	3.44
Cincinnati.....	142.38	144.28	135.24	42.0	42.4	42.1	3.39	3.40	3.21
Cleveland.....	161.74	161.01	150.13	42.6	42.6	42.4	3.80	3.78	3.54
Columbus.....	143.77	144.04	136.87	41.0	41.1	40.8	3.51	3.50	3.35
Dayton.....	172.69	175.39	167.45	42.4	43.0	43.5	4.07	4.08	3.85
Toledo.....	169.14	174.98	166.60	43.4	44.9	44.6	3.90	3.90	3.74
Youngstown-Warren.....	155.76	162.97	147.55	40.1	41.4	40.1	3.88	3.94	3.68
OKLAHOMA.....	123.30	125.63	117.45	41.1	41.6	41.5	3.00	3.02	2.83
Oklahoma City.....	121.13	122.72	114.26	41.2	41.6	41.7	2.94	2.95	2.74
Tulsa.....	138.03	139.11	130.51	41.7	41.9	42.1	3.31	3.32	3.10
OREGON.....	138.68	143.78	131.77	38.1	39.5	39.1	3.64	3.64	3.37
Eugene.....	144.39	153.22	139.74	37.7	41.3	41.1	3.83	3.71	3.40
Portland.....	140.07	143.50	133.72	38.8	39.1	39.1	3.61	3.67	3.42
PENNSYLVANIA.....	130.25	130.65	121.50	40.2	40.2	40.1	3.24	3.25	3.03
Allentown-Bethlehem-Easton.....	127.01	126.94	116.91	39.2	39.3	39.1	3.24	3.23	2.99
Altoona.....	109.09	109.65	100.88	39.1	39.3	39.1	2.79	2.79	2.58
Erie.....	140.25	142.56	133.14	42.5	43.2	42.4	3.30	3.30	3.14
Harrisburg.....	118.50	120.88	110.25	39.9	40.7	39.8	2.97	2.97	2.77
Johnstown.....	130.34	128.59	116.18	38.0	37.6	37.0	3.43	3.42	3.14
Lancaster.....	122.36	120.25	110.97	41.2	40.9	40.5	2.97	2.94	2.74
Philadelphia.....	139.26	139.26	129.28	40.6	40.6	40.4	3.43	3.43	3.20
Pittsburgh.....	150.29	151.37	136.32	40.4	40.8	39.4	3.72	3.71	3.46
Reading.....	115.94	117.22	116.31	39.3	39.6	41.1	2.95	2.96	2.83
Scranton.....	101.11	103.33	96.13	38.3	38.7	38.3	2.64	2.67	2.51
Wilkes-Barre-Hazleton.....	93.86	94.90	88.54	36.1	36.5	37.2	2.60	2.60	2.38
York.....	122.55	121.25	114.17	42.7	42.1	42.6	2.87	2.88	2.68

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968	Oct. 1969	Sept. 1969	Oct. 1968
RHODE ISLAND	\$109.33	\$109.34	\$103.31	39.9	40.2	40.2	\$2.74	\$2.72	\$2.57
Providence-Pawtucket-Warwick	110.95	109.74	103.85	40.2	40.2	40.1	2.76	2.73	2.59
SOUTH CAROLINA	100.94	100.94	94.99	41.2	41.2	41.3	2.45	2.45	2.30
Charleston	117.55	121.40	119.00	41.1	42.3	41.9	2.86	2.87	2.84
Greenville	101.57	100.50	93.75	41.8	41.7	41.3	2.43	2.41	2.27
SOUTH DAKOTA	126.58	124.70	126.21	43.8	43.6	45.4	2.89	2.86	2.78
Sioux Falls	148.80	146.14	144.18	46.5	46.1	47.9	3.20	3.17	3.01
TENNESSEE	105.85	106.37	101.50	40.4	40.6	40.6	2.62	2.62	2.50
Chattanooga	119.23	121.82	112.06	41.4	42.3	41.2	2.88	2.88	2.72
Knoxville	117.31	116.22	112.12	39.9	39.8	39.9	2.94	2.92	2.81
Memphis	119.25	118.90	113.44	40.7	41.0	41.1	2.93	2.90	2.76
Nashville	113.43	115.46	109.75	39.8	40.8	40.8	2.85	2.83	2.69
TEXAS	128.13	128.13	121.93	41.6	41.6	41.9	3.08	3.08	2.91
Amarillo	116.90	111.50	105.98	41.6	40.4	41.4	2.81	2.76	2.56
Austin	103.98	104.86	99.80	41.1	40.8	40.9	2.53	2.57	2.44
Beaumont-Port Arthur-Orange	164.27	163.12	152.07	41.8	41.4	41.1	3.93	3.94	3.70
Corpus Christi	146.30	145.95	137.76	41.8	41.7	42.0	3.50	3.50	3.28
Dallas	121.54	123.31	114.95	41.2	41.8	41.2	2.95	2.95	2.79
El Paso	83.56	84.40	84.00	39.6	40.0	40.0	2.11	2.11	2.10
Fort Worth	140.95	142.71	133.56	42.2	42.6	42.4	3.34	3.35	3.15
Galveston-Texas City	188.79	184.47	169.58	43.6	43.0	42.5	4.33	4.29	3.99
Houston	152.69	153.04	141.67	43.5	43.6	42.8	3.51	3.51	3.31
Lubbock	111.50	109.22	101.95	44.6	43.0	43.2	2.50	2.54	2.36
San Antonio	103.99	103.91	97.29	42.1	41.9	42.3	2.47	2.48	2.30
Waco	110.57	110.68	106.55	40.5	40.1	41.3	2.73	2.76	2.58
Wichita Falls	100.67	102.85	94.19	42.3	42.5	40.6	2.38	2.42	2.32
UTAH	123.93	127.83	127.44	37.9	39.7	39.7	3.27	3.22	3.21
Salt Lake City	121.16	123.13	123.11	38.1	38.6	40.9	3.18	3.19	3.01
VERMONT	117.46	119.43	108.36	41.8	42.2	41.2	2.81	2.83	2.63
Burlington	126.82	130.94	115.08	42.7	43.5	41.1	2.97	3.01	2.80
Springfield	131.29	134.08	116.42	40.9	41.9	39.6	3.21	3.20	2.94
VIRGINIA	107.30	109.03	103.34	40.8	41.3	41.5	2.63	2.64	2.49
Lynchburg	107.95	108.80	99.88	42.5	42.5	42.5	2.54	2.56	2.35
Norfolk-Portsmouth	122.67	112.59	115.45	43.5	41.7	42.6	2.82	2.70	2.71
Richmond	106.96	122.67	111.11	37.4	42.3	40.7	2.86	2.90	2.73
Roanoke	104.16	105.58	100.01	42.0	42.4	42.2	2.48	2.49	2.37
WASHINGTON	156.80	154.82	145.73	40.0	39.8	39.6	3.92	3.89	3.68
Seattle-Everett	165.65	161.19	153.22	40.8	40.5	39.9	4.06	3.98	3.84
Spokane	148.57	147.75	145.30	39.2	39.4	40.7	3.79	3.75	3.57
Tacoma	150.92	150.93	137.90	39.2	38.8	38.2	3.85	3.89	3.61
WEST VIRGINIA	130.49	130.65	122.82	40.4	40.2	40.4	3.23	3.25	3.04
Charleston	164.16	158.95	150.84	43.2	42.5	41.9	3.80	3.74	3.60
Huntington-Ashland	138.60	143.64	128.54	39.6	39.9	38.6	3.50	3.60	3.33
Wheeling	133.72	133.65	128.96	40.4	40.5	40.3	3.31	3.30	3.20
WISCONSIN	143.92	143.71	134.00	41.4	41.9	41.4	3.48	3.43	3.24
Green Bay	143.33	142.53	131.52	42.4	42.9	41.8	3.38	3.32	3.14
Kenosha	165.56	164.49	139.12	42.5	42.3	39.3	3.90	3.89	3.54
La Crosse	118.09	114.00	111.52	39.6	39.9	39.7	2.98	2.86	2.81
Madison	154.25	154.92	144.43	40.5	41.5	40.9	3.81	3.74	3.53
Milwaukee	154.01	156.13	142.55	41.0	41.4	40.8	3.76	3.77	3.49
Racine	157.52	159.79	136.42	42.6	43.0	40.5	3.69	3.72	3.37
WYOMING	117.00	132.33	115.13	37.5	40.1	38.7	3.12	3.30	2.98
Casper	151.44	151.18	144.84	40.6	40.1	41.5	3.73	3.77	3.49

¹ Revised series; not strictly comparable with previously published data.

² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

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

⁴ Subarea of Rochester Standard Metropolitan Statistical Area.

⁵ Subarea of New York Standard Metropolitan Statistical Area.

* Not available.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA LABOR TURNOVER

D-1: Labor turnover rates in manufacturing 1958 to date

(Per 100 employees)													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 ¹	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961.....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962.....	4.1	3.6	3.8	4.0	4.3	5.0	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963.....	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964.....	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965.....	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1	4.3
1966.....	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9	5.0
1967.....	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8	4.4
1968.....	4.2	3.8	3.9	4.3	4.6	5.9	5.0	5.7	5.7	5.0	3.8	3.0	4.6
1969.....	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	5.0			
New hires													
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964.....	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965.....	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966.....	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1	3.8
1967.....	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0	3.3
1968.....	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.5	4.0	2.9	2.2	3.5
1969.....	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0			
Total separations													
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 ¹	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961.....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962.....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963.....	4.0	3.2	3.5	3.6	3.6	3.4	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964.....	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965.....	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1	4.1
1966.....	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967.....	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9	4.6
1968.....	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	4.9	4.1	3.8	4.6
1969.....	4.5	4.0	4.4	4.5	4.6	4.5	5.3	6.2	6.6	5.3			
Quits													
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964.....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966.....	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967.....	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5	2.3
1968.....	2.0	1.9	2.1	2.2	2.4	2.2	2.3	3.7	4.1	2.8	2.1	1.6	2.5
1969.....	2.3	2.1	2.4	2.6	2.7	2.6	2.6	4.0	4.4	3.0			
Layoffs													
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964.....	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965.....	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966.....	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7	1.2
1967.....	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6	1.4
1968.....	1.5	1.2	1.1	1.0	1.0	.9	1.7	1.2	1.1	1.2	1.2	1.4	1.2
1969.....	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.2			

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

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

ESTABLISHMENT DATA LABOR TURNOVER

D-2: Labor turnover rates, by industry

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969
	MANUFACTURING	5.0	5.9	4.0	4.8	5.3	6.6	3.0	4.4	1.2	1.1
19,24,25,32-39	DURABLE GOODS	4.5	5.4	3.8	4.4	4.9	6.1	2.7	4.0	1.1	.9
20-23,26-31	NONDURABLE GOODS	5.6	6.6	4.5	5.3	5.8	7.4	3.4	5.0	1.5	1.4
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	2.3	2.8	1.5	2.1	3.6	5.2	1.7	2.9	1.1	1.4
192	Ammunition, except for small arms	2.4	2.8	1.4	2.0	3.8	5.4	1.7	2.9	1.2	1.6
24	LUMBER AND WOOD PRODUCTS	5.7	7.1	5.0	6.4	6.4	8.9	4.3	6.7	1.1	1.0
242	Sawmills and planing mills	5.5	6.5	5.0	6.0	6.0	8.1	4.5	6.2	.6	.9
2421	Sawmills and planing mills, general	5.1	6.0	4.6	5.5	5.7	7.8	4.1	5.8	.6	1.0
243	Millwork, plywood & related products	4.8	6.4	4.1	5.7	6.1	8.4	3.8	6.2	1.4	1.3
2431	Millwork	3.5	5.4	3.2	4.9	6.2	7.4	3.4	5.5	2.1	1.1
2432	Veneer and plywood	6.0	6.2	4.8	5.3	5.5	8.2	4.1	5.8	.5	1.5
244	Wooden containers	8.9	9.7	8.1	8.4	9.3	11.2	5.7	7.7	2.1	1.5
2441,2	Wooden boxes, shooks, and crates	7.7	9.0	6.9	8.1	8.2	11.1	4.5	7.8	2.3	1.7
249	Miscellaneous wood products	6.5	8.0	5.9	7.4	6.4	8.7	4.5	6.8	.7	.4
25	FURNITURE AND FIXTURES	6.8	8.5	6.1	7.8	6.6	8.8	4.7	6.8	.5	.6
251	Household furniture	7.0	8.9	6.2	8.1	6.9	9.1	5.0	7.0	.4	.6
2511	Wood household furniture	6.1	8.3	5.6	7.6	6.7	9.0	4.9	7.1	.4	.5
2512	Upholstered household furniture	5.5	7.3	5.2	6.7	5.2	6.8	4.0	5.6	.3	.5
2515	Mattresses and bedsprings	9.8	11.0	9.3	10.2	8.9	11.5	6.5	8.2	.6	1.3
252	Office furniture	(¹)	7.1	(¹)	6.7	(¹)	7.9	(¹)	6.6	(¹)	.1
32	STONE, CLAY, AND GLASS PRODUCTS	5.2	5.7	4.3	5.0	5.6	7.2	3.3	5.1	1.1	.9
321	Flat glass	2.5	3.4	.5	1.3	2.7	4.3	.4	1.5	2.1	2.0
322	Glass and glassware, pressed or blown	5.2	5.7	4.2	4.6	5.3	6.9	3.2	5.2	.8	.5
3221	Glass containers	5.5	5.8	4.9	5.0	6.0	8.1	3.7	6.4	1.0	.6
3229	Pressed and blown glass, n e c	4.8	5.5	3.3	4.0	4.4	5.3	2.4	3.5	.6	.3
324	Cement, hydraulic	2.4	2.4	1.6	2.2	2.0	4.9	1.1	3.4	.3	.7
325	Structural clay products	5.0	6.1	4.5	5.5	6.6	8.7	4.8	6.7	.9	.8
3251	Brick and structural clay tile	5.8	6.3	5.2	5.6	7.8	9.2	5.6	7.6	1.1	.5
326	Pottery and related products	5.7	6.6	5.2	5.8	4.6	6.5	3.2	5.1	.1	.3
3291	Abrasive products	4.7	5.1	4.4	4.8	4.1	5.3	2.3	4.0	.4	.3
33	PRIMARY METAL INDUSTRIES	4.0	4.6	3.3	3.6	4.1	5.8	2.3	4.0	.5	.5
331	Blast furnace and basic steel products	2.7	3.3	2.0	2.5	3.2	5.4	1.5	3.9	.5	.4
3312	Blast furnaces and steel mills	2.7	3.1	1.9	2.3	3.1	5.4	1.4	3.9	.5	.4
332	Iron and steel foundries	6.8	7.3	6.3	6.1	6.4	7.3	4.3	4.9	.4	.6
3321	Gray iron foundries	7.1	7.7	6.4	6.2	6.3	7.5	4.5	5.1	.3	.7
3322	Malleable iron foundries	(¹)	8.0	(¹)	6.9	(¹)	7.9	(¹)	5.2	(¹)	.7
3323	Steel foundries	6.2	6.3	5.8	5.7	6.1	6.5	3.6	4.4	.6	.4
333,4	Nonferrous metals	3.7	4.1	3.3	3.5	3.5	6.3	2.2	4.7	.4	.2
335	Nonferrous rolling and drawing	3.6	4.4	2.6	3.1	3.4	5.0	1.8	2.9	.8	1.1
3351	Copper rolling and drawing	2.7	3.7	2.4	3.3	3.4	5.0	2.0	3.4	.3	.2
3352	Aluminum rolling and drawing	2.2	3.2	1.5	2.7	2.4	4.1	1.1	2.5	.7	.7
3357	Nonferrous wire drawing, and insulating	5.5	6.6	3.6	3.5	4.7	6.3	2.4	3.2	1.3	2.2
336	Nonferrous foundries	7.1	7.6	6.2	7.1	7.2	7.1	4.1	5.4	1.0	.3
3361	Aluminum castings	6.9	7.2	5.3	6.5	7.2	6.7	4.0	5.3	.9	.3
3362,9	Other nonferrous castings	7.4	8.1	7.0	7.6	7.2	7.6	4.3	5.5	1.0	.3
339	Miscellaneous primary metal products	3.3	4.4	2.8	3.5	3.5	5.1	2.1	3.5	.4	.6
3391	Iron and steel forgings	3.2	4.3	2.8	3.3	3.5	4.9	2.0	3.2	.5	.7

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

ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	5.7	6.7	5.0	5.7	6.1	7.2	3.5	4.8	1.2	1.0
341	Metal cans	3.4	5.9	1.6	3.8	8.4	9.8	1.8	4.7	4.8	3.2
342	Cutlery, hand tools, and hardware	5.5	6.3	5.0	4.9	5.3	6.4	3.1	3.9	.6	1.5
3421,3,5	Cutlery and hand tools, incl. saws	5.6	6.0	5.3	5.6	4.3	5.9	2.9	4.5	.2	.4
3429	Hardware, n e c	(¹)	6.6	(¹)	4.4	(¹)	6.7	(¹)	3.4	(¹)	2.2
343	Plumbing and heating, except electric	7.2	7.4	6.7	6.8	6.5	7.6	4.2	5.5	.7	.6
3431,2	Sanitary ware & plumbers' brass goods	(¹)	7.2	(¹)	6.3	(¹)	8.8	(¹)	6.0	(¹)	1.1
3433	Heating equipment, except electric	6.6	7.5	6.2	7.2	6.1	6.7	3.8	5.1	.8	.2
344	Fabricated structural metal products	5.7	6.4	5.3	6.0	6.0	7.3	3.5	5.1	1.0	.8
3441	Fabricated structural steel	6.0	6.5	5.6	5.9	6.0	7.5	3.6	5.0	.9	.9
3443	Fabricated plate work (boiler shops)	3.7	4.6	3.4	4.3	3.8	4.8	2.3	3.3	.5	.5
3446,9	Architectural and misc. metal work	(¹)	7.4	(¹)	6.6	(¹)	9.1	(¹)	6.4	(¹)	1.3
345	Screw machine products, bolts, etc.	4.8	5.4	4.1	4.9	4.8	6.3	3.2	4.5	.6	.6
3452	Bolts, nuts, rivets, and washers	4.3	4.9	3.6	4.4	4.3	5.2	2.6	3.6	.6	.3
346	Metal stampings	6.1	7.0	5.2	5.4	6.8	6.3	3.7	4.0	1.5	1.1
348	Misc. fabricated wire products	5.7	7.2	5.2	6.4	5.7	7.3	3.9	5.6	.6	.3
349	Misc. fabricated metal products	4.7	5.7	4.3	5.2	4.8	6.2	3.0	4.6	.7	.5
3494,8	Valves, pipe, and pipe fittings	4.5	5.1	4.0	4.5	4.7	5.7	2.9	4.1	.7	.6
35	MACHINERY, EXCEPT ELECTRICAL	3.8	4.4	3.2	3.6	3.7	4.8	2.0	3.1	.7	.6
351	Engines and turbines	4.2	4.9	2.1	2.6	3.4	6.0	1.0	2.6	1.7	2.1
3511	Steam engines and turbines	1.9	1.9	1.5	1.4	1.5	2.3	.8	1.4	.1	.1
3519	Internal combustion engines, n e c	5.4	6.5	2.4	3.2	4.4	8.0	1.2	3.3	2.5	3.1
352	Farm machinery	5.0	5.7	3.5	3.2	5.4	5.3	2.2	2.7	1.9	1.3
353	Construction and related machinery	3.7	3.9	3.4	3.6	3.5	4.5	2.0	3.1	.6	.4
3531,2	Construction and mining machinery	3.0	3.4	2.6	3.0	3.3	3.8	1.8	2.6	.7	.3
3533	Oil field machinery	4.5	4.9	4.3	4.7	3.6	4.9	2.3	3.4	(²)	.1
3535,6	Conveyors, hoists, cranes, monorails	2.9	3.5	2.6	3.3	3.5	4.8	2.0	3.5	.5	.4
354	Metal working machinery	3.3	3.8	2.9	3.3	3.3	4.0	1.9	2.6	.5	.5
3541	Machine tools, metal cutting types	2.5	3.0	2.2	2.6	2.4	3.2	1.5	2.2	.2	.2
3545	Machine tool accessories	2.6	2.9	2.4	2.6	2.6	4.0	1.8	2.9	.2	.4
3542,8	Misc. metal working machinery	2.8	4.1	2.2	3.8	2.8	3.7	1.6	2.7	.4	.2
355	Special industry machinery	3.5	3.7	3.3	3.3	3.1	4.1	1.9	2.9	.3	.4
3551	Food products machinery	3.3	3.7	3.1	3.3	2.9	4.2	1.7	3.0	.3	.3
3552	Textile machinery	4.8	4.9	4.4	3.7	4.0	4.9	2.7	3.6	.3	.4
356	General industrial machinery	3.2	4.2	2.8	3.5	3.2	4.8	2.0	3.4	.4	.5
3561	Pumps and compressors	3.5	3.7	3.0	3.2	3.1	4.7	1.9	3.2	.3	.3
3562	Ball and roller bearings	2.6	4.4	2.0	2.8	3.0	4.3	1.6	2.5	.7	1.1
3566	Power transmission equipment	3.3	4.0	3.0	3.7	3.1	5.2	1.9	4.2	.3	.1
357	Office and computing machines	3.6	3.9	2.9	3.0	3.4	4.0	2.2	2.5	.2	.3
3573	Electronic computing equipment	3.2	3.6	2.4	2.7	2.3	3.5	1.3	2.3	.1	.3
358	Service industry machines	5.4	6.7	4.7	6.0	4.9	6.9	2.7	4.9	.7	.4
3585	Refrigeration machinery	5.9	7.2	4.9	6.4	4.8	7.1	2.7	5.0	.5	.2
36	ELECTRICAL EQUIPMENT AND SUPPLIES	4.2	5.2	3.4	4.3	4.6	5.4	2.5	3.7	1.0	.5
361	Electric test & distributing equipment	4.0	4.8	3.4	4.3	3.1	4.7	2.0	3.5	.3	.2
3611	Electric measuring instruments	5.8	5.8	4.6	5.1	3.4	5.0	2.2	3.4	.4	.4
3612	Transformers	4.0	5.2	3.7	4.7	3.7	5.2	2.3	4.1	.2	.1
3613	Switchgear and switchboard apparatus	2.3	3.7	2.0	3.4	2.6	4.1	1.5	3.3	.4	.1
362	Electrical industrial apparatus	4.0	4.8	3.2	4.1	3.7	5.3	2.2	4.0	.6	.4
3621	Motors and generators	3.6	5.2	3.0	4.3	3.9	5.1	2.2	3.7	.8	.6
3622	Industrial controls	4.4	4.2	3.2	3.7	3.4	5.8	1.7	4.7	.5	.2
363	Household appliances	4.6	6.1	4.1	4.9	5.3	6.0	3.1	4.5	1.0	.3
3632	Household refrigerators and freezers	(¹)	5.3	(¹)	3.3	(¹)	5.0	(¹)	3.8	(¹)	.2
3633	Household laundry equipment	2.9	4.4	2.6	4.0	3.4	7.0	2.2	5.6	.3	.5
3634	Electric housewares and fans	7.8	9.8	7.1	8.9	6.9	7.6	5.3	6.0	.3	.2
364	Electric lighting and wiring equipment	5.6	6.1	4.8	5.3	5.4	6.1	3.6	4.4	.4	.5
3641	Electric lamps	3.8	4.2	3.2	3.5	3.4	3.5	2.0	2.7	.3	.1
3642	Lighting fixtures	(¹)	6.0	(¹)	5.3	(¹)	6.1	(¹)	4.0	(¹)	.7
3643,4	Wiring devices	5.8	6.8	5.1	6.0	5.3	7.1	4.0	5.3	.1	.6
365	Radio and TV receiving equipment	5.5	6.7	3.3	4.8	8.6	7.9	3.1	4.3	3.5	1.5
366	Communication equipment	2.8	3.6	2.2	2.9	3.2	3.9	1.8	2.6	.8	.5
3661	Telephone and telegraph apparatus	(¹)	5.3	(¹)	4.9	(¹)	3.2	(¹)	2.6	(¹)	(²)
3662	Radio and TV communication equipment	2.4	3.0	1.7	2.2	3.5	4.2	1.7	2.6	1.1	.7
367	Electronic components and accessories	4.4	6.3	3.6	5.1	5.1	6.2	2.8	4.3	1.2	.5
3671-3	Electron tubes	2.9	3.9	1.9	2.5	3.9	5.3	2.2	3.5	.6	.6
3674,9	Other electronic components	(¹)	6.8	(¹)	5.6	(¹)	6.4	(¹)	4.5	(¹)	.5
369	Misc. electrical equipment & supplies	5.4	5.4	4.5	4.5	4.7	5.0	2.5	3.4	.7	.4
3694	Engine electrical equipment	4.7	4.6	3.7	3.4	3.9	4.7	1.6	2.9	.9	.5

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

ESTABLISHMENT DATA

LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	4.2	5.1	3.1	3.4	5.0	5.7	2.0	2.9	1.9	1.7
371	Motor vehicles and equipment	(1)	5.9	(1)	4.0	(1)	6.1	(1)	2.8	(1)	1.9
3711	Motor vehicles	(1)	5.8	(1)	3.8	(1)	5.8	(1)	2.3	(1)	2.0
3712	Passenger car bodies	(1)	7.0	(1)	4.3	(1)	7.6	(1)	1.4	(1)	5.1
3713	Truck and bus bodies	(1)	5.1	(1)	4.7	(1)	8.1	(1)	4.9	(1)	1.9
3714	Motor vehicle parts and accessories	(1)	5.7	(1)	3.9	(1)	5.7	(1)	3.1	(1)	1.3
372	Aircraft and parts	2.1	2.7	1.6	1.7	2.9	3.6	1.3	1.9	1.1	1.2
3721	Aircraft	1.9	2.3	1.4	1.4	2.6	3.6	1.2	1.9	1.0	1.4
3722	Aircraft engines and engine parts	2.3	3.3	1.7	1.6	2.8	3.4	1.2	1.7	1.2	1.0
3723,9	Other aircraft parts and equipment	2.8	3.5	2.3	2.8	4.0	4.0	1.8	2.4	1.5	1.9
373	Ship and boat building and repairing	10.7	9.1	7.1	6.0	10.7	9.4	4.0	5.4	5.1	2.6
3731	Ship building and repairing	11.1	8.8	6.7	5.4	11.1	8.9	3.2	4.7	6.4	2.9
374	Railroad equipment	6.3	6.4	3.3	2.5	5.1	6.4	1.8	2.8	2.1	2.4
375,9	Other transportation equipment	7.7	9.4	7.1	8.4	10.3	12.5	5.7	8.0	2.3	2.3
38	INSTRUMENTS AND RELATED PRODUCTS	3.4	3.9	2.9	3.3	4.2	4.9	2.8	3.1	.7	.7
381	Engineering & scientific instruments	2.5	3.2	1.9	2.6	3.2	4.6	1.7	2.2	.9	1.2
382	Mechanical measuring & control devices	3.3	3.9	2.6	3.3	3.5	4.6	1.9	2.9	.8	.6
3821	Mechanical measuring devices	3.3	4.0	2.9	3.6	3.5	4.3	2.0	2.8	.8	.5
3822	Automatic temperature controls	3.2	3.8	2.1	2.8	3.5	5.0	1.6	3.2	.8	.8
383,5	Optical and ophthalmic goods	4.2	4.7	3.7	4.0	3.3	5.9	2.4	3.3	.4	.4
384	Medical instruments and supplies	4.9	5.5	4.6	5.1	4.5	6.0	3.2	4.4	.4	.6
386	Photographic equipment and supplies	2.3	2.1	2.1	1.9	5.1	3.5	4.0	2.6	.5	.4
387	Watches, clocks, and watchcases	4.9	5.8	3.5	4.4	6.4	6.7	3.3	4.3	1.4	1.1
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	6.8	8.0	5.9	7.0	6.9	8.1	4.6	5.8	1.1	1.0
391	Jewelry, silverware, and plated ware	4.9	5.2	4.1	4.4	4.1	4.9	3.0	3.9	.2	.4
394	Toys and sporting goods	10.2	11.7	9.0	10.3	11.2	11.6	7.0	8.4	2.4	1.4
3941-3	Games, toys, dolls, & play vehicles	11.7	13.8	10.6	12.4	12.9	13.2	8.2	9.9	3.0	1.4
3949	Sporting and athletic goods, n e c	7.8	8.5	6.5	6.9	8.6	9.0	5.2	5.9	1.3	1.3
395	Pens, pencils, office and art supplies	5.3	6.3	4.7	5.8	4.3	5.8	2.7	4.1	.7	.6
396	Costume jewelry and notions	5.8	8.1	4.9	7.0	5.8	8.9	4.3	6.7	.7	1.1
393,8,9	Other manufacturing industries	5.3	6.3	4.5	5.4	5.1	6.4	3.5	4.3	.7	.9
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	8.3	10.2	6.3	7.9	9.2	10.9	4.7	6.9	3.6	2.9
201	Meat products	8.6	8.1	6.5	6.0	8.3	8.4	5.4	5.8	2.1	1.7
2011	Meat packing plants	6.0	6.6	2.9	3.7	6.9	7.4	2.7	3.8	3.4	2.9
2015	Poultry dressing plants	15.6	12.6	14.4	11.4	12.9	12.5	11.6	11.1	.4	.2
204	Grain mill products	5.4	5.5	4.5	4.8	4.8	6.7	2.6	4.5	1.3	1.2
2041	Flour and other grain mill products	4.6	5.5	3.6	4.9	3.9	7.1	2.4	4.8	.7	1.0
2042	Prepared feeds for animals and fowls	6.1	5.2	5.6	4.9	4.6	6.4	2.8	4.0	.9	1.4
205	Bakery products	6.1	6.1	5.7	5.7	4.6	6.7	3.4	5.0	.4	.8
2051	Bread, cake, and related products	5.8	6.0	5.5	5.5	4.3	6.5	3.3	5.0	.3	.7
2052	Cookies and crackers	7.9	7.0	6.9	6.5	6.3	8.1	4.2	5.4	.6	.8
207	Confectionery and related products	11.7	12.6	8.7	10.4	9.6	11.3	6.7	8.5	1.8	1.4
2071	Confectionery products	13.1	14.3	9.6	11.6	10.3	12.6	7.5	9.4	1.8	1.6
208	Beverages	5.8	6.7	4.3	5.3	6.4	8.8	3.4	5.3	2.2	2.0
2082	Malt liquors	3.8	3.6	1.5	1.9	5.9	6.2	.7	1.8	4.7	3.9
21	TOBACCO MANUFACTURES	4.4	8.8	3.7	5.9	4.8	6.3	2.4	3.9	1.5	1.4
211	Cigarettes	2.1	2.8	1.9	2.5	.8	2.6	.4	1.9	(2)	.1
212	Cigars	5.7	7.8	4.7	6.4	5.6	8.2	4.5	6.9	.4	.4

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

ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS	6.1	6.5	5.0	5.3	6.2	7.0	4.4	5.2	0.8	0.7
221	Weaving mills, cotton.....	6.2	6.0	5.2	4.8	5.9	6.1	4.5	4.8	.2	.1
222	Weaving mills, synthetics.....	5.5	6.0	4.7	5.1	5.5	6.4	4.1	4.8	.2	.3
223	Weaving and finishing mills, wool.....	5.3	5.6	4.0	4.3	5.7	8.3	3.4	4.9	1.3	2.3
224	Narrow fabric mills.....	5.2	5.5	4.4	4.5	5.5	7.2	3.7	5.0	.5	.8
225	Knitting mills.....	5.3	6.5	4.3	5.1	6.0	6.9	4.0	5.1	1.3	1.0
2251	Women's hosiery, except socks.....	5.4	5.9	4.7	5.2	5.2	6.0	4.3	5.1	.4	.4
2252	Hosiery, n e c.....	4.7	5.2	4.1	4.6	5.1	6.8	4.0	5.2	.5	1.0
2254	Knit underwear mills.....	4.0	4.9	2.9	3.7	3.6	5.6	3.2	5.0	.1	.2
226	Textile finishing, except wool.....	5.2	5.1	4.5	4.4	4.9	6.0	3.4	4.5	.5	.5
227	Floor covering mills.....	6.9	8.5	6.2	7.6	6.0	7.6	4.4	5.7	.3	.5
228	Yarn and thread mills.....	8.5	8.0	6.5	6.6	8.8	8.7	6.5	6.6	1.1	1.0
229	Miscellaneous textile goods.....	6.9	7.5	5.8	6.0	6.7	7.9	3.9	5.5	1.2	.7
23	APPAREL AND OTHER TEXTILE PRODUCTS	5.5	6.2	4.0	4.6	5.7	7.1	3.2	4.3	1.7	1.9
231	Men's and boys' suits and coats.....	3.2	4.2	2.5	2.7	3.3	4.0	1.9	2.7	.8	.7
232	Men's and boys' furnishings.....	5.9	7.0	4.7	5.7	5.7	7.5	4.0	5.7	.8	1.0
2321	Men's and boys' shirts and nightwear.....	5.6	6.7	4.4	5.4	5.3	7.0	4.0	5.3	.6	.9
2327	Men's and boys' separate trousers.....	4.7	6.3	3.8	5.1	5.1	7.2	3.8	5.3	.5	1.0
2328	Men's and boys' work clothing.....	6.4	7.2	4.9	5.9	6.3	7.8	4.7	6.3	.8	.7
234	Women's and children's undergarments.....	5.0	6.9	4.1	5.5	5.4	6.6	3.9	5.2	.6	.6
2341	Women's and children's underwear.....	5.1	7.1	4.1	5.9	5.5	6.7	4.1	5.4	.6	.3
2342	Corsets and allied garments.....	4.8	6.4	3.9	4.6	5.1	6.6	3.6	4.6	.7	1.1
26	PAPER AND ALLIED PRODUCTS	4.6	5.3	4.1	4.8	4.4	6.7	2.8	5.0	.6	.5
261,2,6	Paper and pulp mills.....	2.3	2.6	2.0	2.2	2.7	4.9	1.4	3.8	.7	.3
263	Paperboard mills.....	2.8	3.6	2.5	3.3	2.5	5.4	1.7	3.6	.2	.5
264	Misc. converted paper products.....	5.6	5.9	4.9	5.3	5.1	7.0	3.2	5.0	.7	.7
2643	Bags, except textile bags.....	7.3	7.4	6.4	6.2	6.9	8.1	4.4	5.4	1.0	1.1
265	Paperboard containers and boxes.....	6.5	8.0	6.1	7.4	6.1	8.7	4.3	6.5	.4	.5
2651,2	Folding and setup paperboard boxes.....	7.6	9.0	7.2	8.4	6.6	8.6	4.9	6.6	.6	.4
2653	Corrugated and solid fiber boxes.....	6.6	8.1	6.4	7.8	6.2	8.9	4.6	6.9	.2	.4
	PRINTING AND PUBLISHING	4.0	5.1	3.6	4.5	3.8	5.0	2.4	3.7	.6	.5
28	CHEMICALS AND ALLIED PRODUCTS	2.5	3.1	2.1	2.7	2.7	4.5	1.5	3.2	.5	.5
281	Industrial chemicals.....	1.7	2.3	1.6	1.9	1.6	3.3	.9	2.4	.1	.2
282	Plastics materials and synthetics.....	1.8	2.2	1.4	1.8	2.2	3.6	1.2	2.6	.4	.4
2821	Plastics materials and resins.....	2.0	2.4	1.8	2.2	1.9	4.3	1.3	3.3	.1	.2
2823,4	Synthetic fibers.....	1.8	1.9	1.2	1.4	2.6	3.1	1.2	2.0	.7	.5
283	Drugs.....	2.7	2.9	2.4	2.7	2.1	4.2	1.4	3.1	.1	.6
2834	Pharmaceutical preparations.....	2.8	3.1	2.4	2.9	2.2	4.4	1.5	3.3	.1	.6
284	Soap, cleaners, and toilet goods.....	4.0	5.8	3.7	5.4	4.8	6.2	2.4	4.5	1.1	.5
2841	Soap and other detergents.....	1.7	3.2	1.4	2.9	3.2	4.2	.7	2.6	1.7	.6
2844	Toilet preparations.....	6.4	8.6	6.2	8.0	6.7	8.6	3.9	6.4	1.2	.5
285	Paints and allied products.....	2.8	3.1	2.7	2.8	3.0	5.1	1.9	3.8	.3	.4
286,9	Other chemical products.....	2.7	3.7	2.0	2.9	4.2	6.8	1.8	4.2	1.5	1.3
29	PETROLEUM AND COAL PRODUCTS	2.8	2.9	2.6	2.7	2.2	4.2	1.3	2.8	.3	.3
291	Petroleum refining.....	2.1	1.8	1.9	1.6	1.4	3.0	.7	1.9	.3	.3
295,9	Other petroleum and coal products.....	5.7	7.2	5.6	6.9	5.4	8.8	3.7	6.6	.5	.2
30	RUBBER AND PLASTICS PRODUCTS, N E C.	6.1	7.0	5.3	6.2	6.0	7.7	4.0	5.5	.7	.6
301	Tires and inner tubes.....	2.5	3.0	1.7	2.4	2.4	3.9	1.1	2.3	.6	.3
302,3,6	Other rubber products.....	5.8	5.8	5.0	4.9	5.4	6.9	3.7	4.7	.5	.7
307	Miscellaneous plastics products.....	7.8	9.5	7.0	8.6	7.8	9.9	5.3	7.3	.9	.7

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

ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969	Oct. 1969	Sept. 1969
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	7.1	7.2	4.8	5.3	7.6	9.5	4.5	5.8	1.9	2.5
311	Leather tanning and finishing	(1)	6.0	(1)	4.5	(1)	8.3	(1)	5.5	(1)	1.9
314	Footwear, except rubber	7.1	6.7	4.4	4.8	6.9	9.5	4.2	5.6	1.6	2.7
	NONMANUFACTURING										
10	METAL MINING	3.5	3.9	3.1	3.4	3.6	6.1	1.9	4.8	.8	.2
101	Iron ores	2.5	2.5	1.5	2.0	4.8	6.1	1.4	5.0	2.5	.1
102	Copper ores	3.9	3.5	3.5	3.0	2.7	5.3	1.7	3.7	.2	.2
11,12	COAL MINING	1.8	2.5	1.5	2.0	1.6	2.5	.8	1.5	.1	.4
12	Bituminous coal and lignite mining	1.8	2.5	1.5	2.1	1.6	2.5	.8	1.5	.1	.4
	COMMUNICATION:										
481	Telephone communication	(1)	3.2	-	-	(1)	4.4	(1)	3.3	(1)	.6
482	Telegraph communication ³	(1)	2.7	-	-	(1)	4.4	(1)	3.3	(1)	.7

¹Not available.

²Less than 0.05.

³Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1958 to date
seasonally adjusted

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1958.....	3.1	3.1	3.2	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 ¹	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
1960.....	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.6	3.6
1961.....	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.1	3.8	4.3	4.3	4.1
1962.....	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963.....	3.8	3.9	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964.....	3.8	4.0	4.0	4.0	3.9	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965.....	4.0	4.1	4.3	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966.....	4.9	5.0	5.2	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.6
1967.....	4.6	4.3	4.1	4.2	4.6	4.5	4.4	4.4	4.3	4.5	4.5	4.4
1968.....	4.5	4.5	4.1	4.7	4.6	4.5	4.7	4.6	4.7	4.8	4.6	4.7
1969.....	4.9	4.6	4.6	4.9	4.8	5.0	4.8	4.5	4.8	4.8		
New hires												
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 ¹	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.7	2.4	2.4	2.7
1960.....	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961.....	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.5	2.5
1962.....	2.6	2.6	2.6	2.6	2.7	2.5	2.6	2.4	2.4	2.3	2.3	2.1
1963.....	2.3	2.2	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.5
1964.....	2.4	2.5	2.6	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965.....	2.8	3.0	3.3	2.8	2.9	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966.....	3.7	3.8	4.3	3.9	4.0	4.0	3.7	3.8	3.7	3.8	3.7	3.5
1967.....	3.5	3.3	3.3	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.3
1968.....	3.5	3.3	3.4	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.5	3.7
1969.....	3.8	3.7	4.0	3.9	3.7	3.8	3.7	3.5	3.8	3.6		
Total separations												
1958.....	5.4	4.8	4.9	4.6	4.2	3.8	3.8	3.7	3.6	3.8	3.6	3.7
1959 ¹	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.1	4.2	5.0	4.6	4.1
1960.....	3.6	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.4	5.0
1961.....	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962.....	3.9	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.1	3.9
1963.....	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964.....	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.8	3.9
1965.....	3.8	3.7	3.8	4.1	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.4
1966.....	4.1	4.3	4.6	4.7	4.7	4.9	4.9	4.7	4.9	4.5	4.7	4.5
1967.....	4.6	4.8	5.2	4.7	4.6	4.7	4.4	4.3	4.5	4.4	4.4	4.3
1968.....	4.5	4.7	4.6	4.5	4.7	4.5	4.6	4.9	4.6	4.6	4.5	4.2
1969.....	4.6	4.8	4.9	4.9	5.0	4.9	4.9	5.1	4.8	5.0		
Quits												
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	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961.....	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962.....	1.3	1.4	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963.....	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964.....	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965.....	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2
1966.....	2.3	2.3	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7
1967.....	2.5	2.4	2.4	2.3	2.3	2.4	2.2	2.3	2.3	2.3	2.3	2.4
1968.....	2.4	2.4	2.4	2.3	2.5	2.3	2.4	2.6	2.4	2.6	2.6	2.5
1969.....	2.7	2.7	2.7	2.7	2.8	2.7	2.7	2.9	2.5	2.8		
Layoffs												
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	1.8	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.0	2.9	2.5	1.9
1960.....	1.5	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.4	2.6	2.7	2.8
1961.....	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.8	1.9	2.0
1962.....	1.8	2.0	1.7	1.8	2.0	2.0	2.0	2.4	2.0	2.0	2.0	1.9
1963.....	1.9	1.8	1.9	1.8	1.8	1.7	1.7	2.0	1.9	1.8	1.8	1.7
1964.....	1.8	1.8	1.8	1.6	1.7	1.6	1.7	1.5	1.6	1.7	1.5	1.6
1965.....	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.3	1.4	1.4
1966.....	1.2	1.1	1.1	1.2	1.1	1.3	1.5	1.1	1.1	1.1	1.2	1.3
1967.....	1.3	1.5	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968.....	1.3	1.3	1.3	1.1	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.2	1.0	1.1	1.1	1.2	1.1	1.2	1.2		

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

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

Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

D-4: 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	
Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	
ALABAMA:										
Birmingham	4.4	3.4	3.2	2.7	4.4	5.0	2.7	2.4	0.8	1.7
Mobile ¹	7.7	5.2	4.4	2.9	9.2	8.2	4.8	3.7	3.3	3.0
ALASKA	12.9	14.3	11.1	11.6	37.1	58.3	9.4	8.1	26.7	49.4
ARIZONA	6.9	7.2	5.7	5.5	6.9	7.6	4.8	4.6	.8	1.4
Phoenix	7.1	7.4	5.9	5.5	6.5	7.6	4.6	4.6	.6	1.4
ARKANSAS	8.6	8.4	7.5	7.2	9.4	9.3	7.2	7.3	1.3	.7
Fort Smith	11.9	9.6	11.2	9.0	12.8	11.2	10.9	10.0	.7	.4
Little Rock-North Little Rock	8.6	9.5	8.3	8.3	7.6	10.0	6.6	7.7	.1	.3
Pine Bluff	6.7	6.5	5.7	6.0	7.6	7.9	6.8	6.8	.1	.2
CALIFORNIA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Los Angeles-Long Beach	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
COLORADO	(*)	5.8	(*)	5.0	(*)	6.8	(*)	4.7	(*)	.9
Denver	(*)	5.7	(*)	5.1	(*)	7.4	(*)	5.0	(*)	1.0
CONNECTICUT	4.6	3.6	3.9	3.1	5.3	5.1	3.8	3.6	.5	.5
Hartford	3.8	3.3	2.9	2.8	4.2	4.6	2.9	3.1	.3	.4
DELAWARE ¹	3.7	8.9	2.7	3.4	4.3	4.3	2.7	2.9	.4	.2
Wilmington ¹	4.0	8.8	3.0	3.4	4.1	3.6	2.8	2.4	.2	.2
DISTRICT OF COLUMBIA:										
Washington SMSA	(*)	2.5	(*)	2.4	(*)	3.3	(*)	2.7	(*)	.2
FLORIDA	7.7	6.5	6.3	5.6	7.7	9.4	5.2	5.5	1.2	1.6
Fort Lauderdale-Hollywood	9.4	7.8	9.0	7.3	9.1	9.7	6.7	7.1	.3	.5
Jacksonville	6.7	7.0	6.2	6.8	7.9	7.9	6.3	6.5	.7	.6
Miami	8.1	5.5	6.3	5.0	6.1	7.3	4.5	4.8	.6	1.5
Orlando	6.1	6.7	5.0	5.4	7.1	9.3	4.4	4.6	1.6	3.2
Pensacola	2.1	1.7	2.1	1.6	1.6	1.8	1.3	1.6	(2)	(2)
Tampa-St. Petersburg	8.1	8.7	6.4	7.1	8.0	9.4	5.4	6.5	1.4	1.8
West Palm Beach	6.0	4.3	4.9	3.2	5.5	5.9	3.8	4.1	.3	.2
GEORGIA	7.7	6.8	6.1	5.4	7.9	8.2	5.7	5.6	1.0	1.3
Atlanta ³	6.5	6.1	5.8	5.2	7.3	7.3	5.2	5.7	1.0	.5
HAWAII ⁴	(*)	3.6	(*)	3.2	(*)	4.1	(*)	3.0	(*)	.2
IDAHO ⁵	7.6	5.9	6.6	5.3	9.8	8.6	7.7	6.2	.8	1.3
ILLINOIS:										
Chicago	6.1	5.2	5.3	4.6	6.8	6.1	5.1	4.3	.4	
INDIANA ¹	5.0	4.4	4.1	3.5	5.6	5.1	4.0	3.3	.4	.6
Indianapolis ⁶	4.1	4.1	3.4	3.1	4.5	4.4	3.0	2.8	.2	.2
IOWA	5.3	5.6	4.2	4.3	5.9	6.1	4.1	4.4	1.1	1.0
Cedar Rapids	4.6	3.9	4.1	2.9	4.9	4.7	3.7	3.0	.3	1.1
Des Moines	6.6	6.2	4.7	3.9	7.9	7.1	4.7	4.5	1.9	1.5
KANSAS	(*)	5.8	(*)	4.1	(*)	6.2	(*)	4.2	(*)	1.0
Topeka	4.8	3.7	4.1	2.6	7.7	5.5	3.3	2.9	1.4	1.8
Wichita	(*)	4.2	(*)	3.2	(*)	4.5	(*)	3.2	(*)	.7
KENTUCKY	5.2	4.9	4.4	4.1	5.9	5.7	4.2	4.0	.8	.7
Louisville	4.8	4.2	3.9	3.5	5.1	4.6	3.5	3.2	.6	.4
LOUISIANA:										
New Orleans ⁷	4.5	4.0	3.1	2.9	5.7	5.7	3.3	3.1	1.3	1.4
MAINE	7.4	7.0	5.8	6.0	9.9	7.8	5.9	5.4	2.9	1.3
Portland	4.7	4.4	4.3	3.0	6.4	8.0	5.4	5.1	.3	2.1
MARYLAND	4.5	5.1	3.6	2.9	5.3	6.1	3.2	2.8	1.2	2.3
Baltimore	4.5	5.4	3.7	2.8	5.2	6.3	3.2	2.7	1.0	2.7

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

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

D-4: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969
MASSACHUSETTS.....	5.6	5.1	4.7	3.5	6.4	6.1	4.5	4.3	0.8	0.8
Boston.....	5.0	4.9	4.4	3.1	5.9	5.6	4.4	4.1	.6	.5
MICHIGAN.....	(*)	6.3	(*)	4.1	(*)	5.8	(*)	2.8	(*)	1.7
Detroit.....	(*)	7.3	(*)	4.0	(*)	5.5	(*)	2.7	(*)	1.5
MINNESOTA.....	7.1	6.0	6.0	4.7	8.6	6.3	6.3	4.4	1.4	1.1
Duluth-Superior.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Minneapolis-St. Paul.....	5.9	4.6	5.2	3.6	7.0	5.9	5.5	4.2	.7	.9
MISSISSIPPI:										
Jackson.....	8.1	6.0	7.4	5.6	7.8	7.0	6.7	6.0	.1	
MISSOURI.....	5.4	4.9	4.5	3.9	6.3	5.9	4.1	3.8	1.0	1.0
Kansas City.....	5.7	4.9	4.9	4.0	6.2	6.2	4.4	4.3	.9	.9
St. Louis.....	4.3	4.1	3.7	3.4	5.8	4.8	3.6	2.9	.9	.7
MONTANA ⁵	5.1	4.1	4.6	3.3	9.3	6.3	6.5	3.9	1.2	.8
NEBRASKA.....	9.1	7.0	8.3	6.2	9.4	7.9	7.7	6.6	.6	.3
NEVADA.....	9.0	8.6	8.8	7.6	10.2	8.9	6.9	6.0	1.0	1.1
NEW HAMPSHIRE.....	6.4	5.3	5.4	4.7	7.9	7.3	5.9	5.5	1.0	.9
NEW JERSEY:										
Camden ⁸	4.7	5.1	4.0	3.8	5.5	5.0	3.7	2.9	.8	.8
Jersey City.....	4.2	5.4	3.6	3.5	4.5	5.1	2.6	3.1	.9	.9
Newark.....	4.9	6.8	4.2	4.6	5.9	6.3	4.1	4.3	.6	.8
Paterson-Clifton-Passaic.....	5.2	5.6	4.4	4.0	6.1	6.5	3.9	4.1	1.0	1.3
Perth Amboy.....	4.2	5.5	3.1	2.9	4.9	6.6	3.2	3.7	.6	2.0
Trenton.....	5.4	4.2	4.7	2.8	5.6	4.9	3.7	3.5	.6	.6
NEW YORK.....	5.6	5.7	4.3	3.8	5.9	5.7	3.6	3.3	1.3	1.3
Albany-Schenectady-Troy.....	3.7	3.2	3.0	2.5	5.0	4.0	3.5	2.5	.4	.4
Binghamton.....	3.0	3.1	2.4	2.2	3.8	3.4	2.6	2.6	.3	.1
Buffalo.....	4.9	4.5	3.5	3.0	5.4	4.9	3.6	2.8	1.0	1.1
Elmira.....	4.6	4.9	4.2	3.8	5.4	6.2	3.8	4.4	.4	.9
Monroe County ⁹	3.6	2.9	3.0	2.5	4.3	3.8	3.0	2.4	.3	.4
Nassau and Suffolk Counties ¹⁰	5.4	5.7	4.7	4.3	5.4	6.3	4.0	4.2	.6	1.0
New York SMSA.....	6.1	7.1	4.6	4.5	6.3	6.8	3.4	3.5	1.8	2.1
New York City ¹⁰	6.3	7.6	4.7	4.6	6.5	7.0	3.3	3.3	2.1	2.4
Rochester.....	4.5	4.3	3.8	3.5	5.2	4.0	3.5	2.6	.8	.4
Syracuse.....	4.4	3.9	3.8	3.1	5.8	4.1	4.0	2.8	.6	.3
Utica-Rome.....	4.0	3.7	3.2	2.4	4.5	4.5	2.9	2.7	.8	.9
Westchester County ¹⁰	6.1	5.9	4.4	3.7	6.4	5.6	3.6	3.0	1.6	1.5
NORTH CAROLINA.....	6.3	6.1	5.3	5.3	6.3	6.5	5.0	5.2	.4	.3
Charlotte.....	7.0	6.8	6.7	6.3	7.4	7.1	6.1	6.3	.1	.1
Greensboro-Winston-Salem-High Point.....	6.6	5.4	5.6	4.6	6.1	6.1	4.7	5.1	.5	(2)
NORTH DAKOTA.....	8.3	5.1	7.6	3.8	8.1	6.5	5.4	4.4	1.1	.9
Fargo-Moorhead.....	17.0	4.9	9.1	4.6	7.3	7.1	5.4	5.6	.5	.4
OHIO.....	5.3	5.6	4.5	3.6	5.9	4.8	4.1	2.9	.6	.9
Akron.....	3.8	3.5	3.4	2.5	4.8	3.2	3.1	2.0	.6	.4
Canton.....	4.4	4.4	3.7	3.7	6.4	4.9	3.9	2.9	.8	.5
Cincinnati.....	4.6	7.0	4.0	3.5	5.5	4.9	3.7	3.1	.4	.6
Cleveland.....	4.9	4.1	4.3	3.4	5.8	4.5	4.2	3.1	.5	.4
Columbus.....	5.5	4.5	4.6	3.8	5.2	5.5	3.7	3.4	.6	1.1
Dayton.....	5.7	7.3	4.9	2.8	5.6	4.0	3.7	2.5	.3	.6
Toledo.....	6.4	5.4	5.4	4.0	7.4	5.7	4.7	3.2	.6	.8
Youngstown-Warren.....	2.8	8.5	2.3	1.8	4.7	6.2	3.5	1.9	.2	3.3
OKLAHOMA:										
Oklahoma City.....	9.5	9.2	8.2	7.9	8.1	9.1	6.3	6.9	.5	.8
Tulsa.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
OREGON ¹	6.6	5.3	5.7	4.7	8.1	6.5	5.4	3.8	1.6	1.7
Portland ¹	6.2	5.5	5.5	5.0	7.6	6.4	5.1	3.6	1.4	1.7

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

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

D-4: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969	Sept. 1969	Aug. 1969
PENNSYLVANIA:										
Allentown-Bethlehem-Easton.....	4.4	3.9	3.2	2.8	5.3	4.3	3.6	3.1	0.8	0.4
Altoona.....	6.4	8.0	5.9	4.6	6.3	6.3	4.6	4.1	1.0	1.6
Erie.....	5.7	5.0	4.7	3.7	6.5	5.0	4.9	3.4	.5	.4
Harrisburg.....	4.0	3.3	3.1	2.7	4.7	4.5	2.7	2.8	1.0	1.1
Johnstown.....	3.9	3.2	1.9	2.6	4.1	4.5	2.3	2.4	1.4	1.5
Lancaster.....	4.5	3.6	4.0	3.1	5.5	5.3	4.4	4.0	.4	.4
Philadelphia.....	4.9	4.5	3.9	3.3	5.6	5.3	3.5	3.2	1.0	1.0
Pittsburgh.....	2.8	2.6	2.1	1.8	3.7	3.6	2.2	2.1	.6	.6
Reading.....	4.6	3.8	4.3	3.1	5.2	4.6	4.4	3.7	.2	.3
Scranton.....	4.3	4.5	3.8	3.0	5.4	4.6	3.6	3.1	1.2	.7
Wilkes-Barre-Hazleton.....	4.4	5.4	2.9	2.7	5.6	5.6	3.3	3.3	1.6	1.7
York.....	10.3	5.7	6.3	4.2	6.4	6.5	5.5	4.9	.1	.8
RHODE ISLAND:										
Providence-Pawtucket-Warwick.....	8.0	6.0	6.6	4.8	9.4	7.2	6.5	5.1	1.8	1.1
	7.7	5.7	6.3	4.5	9.3	7.1	6.6	5.0	1.7	1.0
SOUTH CAROLINA:										
Greenville.....	6.6	6.2	5.9	5.5	6.6	7.3	4.9	5.8	.5	.2
SOUTH DAKOTA:										
Sioux Falls.....	6.2	5.0	4.5	2.6	7.9	8.0	5.0	4.7	1.1	2.2
	5.2	4.4	2.7	1.8	7.6	9.8	4.0	4.7	1.6	3.7
TENNESSEE:										
Memphis.....	5.8	6.9	5.3	6.1	8.9	7.2	4.5	4.7	3.0	1.0
TEXAS:										
Dallas.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Fort Worth.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
San Antonio.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH ⁵ :										
Salt Lake City ⁵	5.4	5.1	4.1	4.0	6.5	5.4	4.1	3.2	1.5	1.5
	5.3	5.1	4.3	4.5	7.1	4.8	4.3	3.2	2.0	.8
VERMONT:										
Burlington.....	4.3	3.4	3.6	2.8	4.5	5.0	3.6	3.6	.4	.6
Springfield.....	3.5	2.6	2.6	2.1	4.0	4.2	3.1	2.9	.5	.6
	2.9	2.5	2.7	2.2	2.7	3.1	2.3	2.3	(2)	.1
VIRGINIA:										
Richmond.....	6.1	5.4	4.9	4.0	5.8	6.0	4.4	4.2	.5	.9
	4.6	4.8	4.3	3.8	4.8	5.1	3.8	3.5	.1	.5
WASHINGTON:										
Seattle-Everett ¹¹	4.0	3.0	3.2	2.5	5.2	4.8	3.5	2.6	1.1	1.4
WEST VIRGINIA:										
Charleston.....	1.0	1.3	.8	1.1	2.9	3.2	1.4	1.5	.9	1.3
WISCONSIN:										
Milwaukee.....	5.9	6.6	5.0	5.0	7.4	6.9	4.9	4.9	1.3	.9
	5.4	5.6	4.6	3.6	6.3	5.9	4.4	4.2	.6	.5
WYOMING ⁵ :										
	7.8	5.4	7.0	5.0	7.7	7.7	5.2	5.2	1.2	1.4

¹ Excludes canning and preserving.

² Less than 0.05.

³ Excludes agricultural chemicals and miscellaneous manufacturing.

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

⁵ Excludes canning and preserving, and sugar.

⁶ Excludes canning and preserving, and newspapers.

⁷ Excludes printing and publishing.

⁸ Initial inclusion in this publication. Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁹ Subarea of Rochester Standard Metropolitan Statistical Area.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Excludes canning and preserving, printing and publishing.

* Not available.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

E-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	Nov. 1969	Oct. 1969	Nov. 1968	change from ¹		Nov. 1969	Oct. 1969	Nov. 1968
				Oct. 1969	Nov. 1968			
TOTAL²	1 007.2	863.9	909.0	143.3	98.2	1.9	1.6	1.8
SEASONALLY ADJUSTED	1 218.5	1 151.1	1 103.1	67.4	115.4	2.4	2.2	2.2
Alabama	12.6	12.1	16.0	.5	-3.3	1.9	1.8	2.4
Alaska	3.6	2.5	3.4	1.1	.2	7.6	5.3	7.6
Arizona	4.7	4.1	5.0	.6	-.4	1.4	1.2	1.6
Arkansas	9.8	7.0	7.6	2.8	.2	2.5	1.8	2.0
California	172.2	143.4	154.8	28.9	17.5	3.4	2.8	3.2
Colorado	3.5	3.1	2.8	.4	.7	.8	.7	.6
Connecticut	20.1	20.5	17.6	-.3	2.5	2.1	2.1	1.9
Delaware	1.9	1.8	1.9	.1	--	1.2	1.1	1.2
District of Columbia	3.4	3.1	3.2	.4	.3	1.0	.9	.9
Florida	18.8	20.6	17.4	-1.8	1.4	1.4	1.5	1.4
Georgia	9.7	9.6	8.7	.1	.9	.9	.9	.9
Hawaii	4.5	4.4	3.8	1.0	.7	2.0	1.9	1.8
Idaho	2.7	1.8	2.9	.9	-.3	1.8	1.2	2.1
Illinois	38.4	32.3	34.5	6.0	3.9	1.2	1.0	1.1
Indiana	13.3	10.2	11.7	3.1	1.6	1.0	.7	.9
Iowa	5.7	4.8	5.1	.9	.6	1.0	.8	.9
Kansas	5.6	5.1	4.8	.5	.8	1.3	1.2	1.2
Kentucky	11.2	9.0	9.6	2.2	1.6	1.9	1.5	1.7
Louisiana	17.2	15.6	14.3	1.5	2.9	2.4	2.2	2.0
Maine	7.5	6.3	5.2	1.1	2.3	3.4	2.9	2.4
Maryland	11.3	9.7	15.3	1.6	-4.0	1.2	1.1	1.7
Massachusetts	46.9	39.9	39.6	7.0	7.3	2.7	2.3	2.3
Michigan	39.2	31.6	36.5	7.6	2.7	1.6	1.3	1.6
Minnesota	8.1	5.0	7.9	3.1	.2	.9	.5	.9
Mississippi	6.0	5.3	4.7	.8	1.3	1.6	1.4	1.3
Missouri	20.9	19.6	19.4	1.3	1.5	1.8	1.7	1.7
Montana	2.7	1.8	2.4	.9	.3	2.2	1.5	2.0
Nebraska	2.2	1.9	2.3	.3	-1	.8	.7	.8
Nevada	3.8	3.2	3.8	.6	--	2.7	2.3	2.9
New Hampshire	2.1	1.9	1.1	.2	1.0	1.1	1.0	.6
New Jersey	54.0	49.3	50.7	4.6	3.3	2.8	2.6	2.8
New Mexico	4.6	3.7	3.6	.9	.9	2.6	2.1	2.1
New York	127.0	108.9	111.4	18.1	15.6	2.3	1.9	2.0
North Carolina	15.7	12.9	15.7	2.8	-.1	1.2	1.0	1.3
North Dakota .....	.9	.5	1.4	.4	-.5	1.1	.6	1.8
Ohio	28.6	18.2	30.1	10.4	-1.5	1.0	.6	1.1
Oklahoma	9.8	8.6	8.4	1.1	1.4	2.1	1.8	1.9
Oregon	17.9	13.4	13.0	4.5	4.9	3.4	2.6	2.6
Pennsylvania	58.1	49.9	66.1	8.2	-8.0	1.7	1.5	2.0
Puerto Rico ³	46.3	52.2	37.2	-5.9	9.2	7.6	7.4	6.6
Rhode Island	7.7	6.7	5.4	.9	2.2	2.7	2.4	2.0
South Carolina	10.3	8.8	8.1	1.5	2.2	1.7	1.5	1.4
South Dakota .....	.9	.8	.9	.1	.1	1.0	.9	1.0
Tennessee	19.6	16.5	18.3	3.0	1.3	2.1	1.8	2.1
Texas	20.8	17.0	16.1	3.8	4.7	.8	.7	.7
Utah	5.1	4.3	4.7	.8	.5	2.4	2.0	2.3
Vermont	1.7	1.1	2.0	.6	-.3	1.8	1.1	2.1
Virginia	5.3	4.4	4.2	.9	1.1	.5	.5	.5
Washington	39.8	31.5	26.0	8.3	13.8	4.9	3.8	3.3
West Virginia	7.3	6.4	8.8	.9	-1.5	2.1	1.8	2.5
Wisconsin	15.8	11.0	13.1	4.7	2.7	1.4	1.0	1.2
Wyoming .....	.7	.4	.7	.3	.1	1.0	.6	1.0

¹Based on unrounded data; changes of less than 50 not shown.

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

³Excludes insured unemployment under extended duration provisions of regular State laws.

UNEMPLOYMENT INSURANCE DATA

E-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	Nov. 1969	Oct. 1969	State and area	Nov. 1969	Oct. 1969	State and area	Nov. 1969	Oct. 1969	State and area	Nov. 1969	Oct. 1969
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania--		
Birmingham.....	3.1	2.6	Evansville.....	.8	.7	Manchester.....	.7	.4	continued		
Mobile.....	1.5	1.6	Fr. Wayne.....	.4	.3				York.....	.8	
			Gary-Hammond..	1.3	.8						
			Indianapolis.....	2.4	1.8	NEW JERSEY			PUERTO RICO		
ARIZONA			South Bend.....	1.0	.9	Atlantic City....	2.7	1.8	Mayaguez.....	1.8	1.8
Phoenix.....	2.7	2.4	Terre Haute.....	.4	.2	Jersey City.....	7.7	7.4	Ponce.....	2.5	2.2
						Newark.....	13.0	13.0	San Juan.....	4.4	4.3
			IOWA			New Brunswick..	4.7	4.4			
ARKANSAS			Cedar Rapids....	.2	.1	Paterson.....	1.1	1.0			
Little Rock.....	.7	.6	Des Moines.....	.7	.7	Trenton.....	1.3	1.2			
									RHODE ISLAND		
CALIFORNIA			KANSAS			NEW MEXICO			Providence.....	8.2	7.1
Anaheim-S. Ana-			Wichita.....	1.9	1.8	Albuquerque....	1.9	1.7			
Garden Grove..	10.4	9.1							SOUTH CAROLINA		
Fresno.....	3.7	2.4	KENTUCKY			NEW YORK			Charleston.....	.9	.9
Los Angeles.....	68.8	62.7	Louisville.....	2.3	2.6	Albany.....	3.0	2.3	Greenville.....	1.1	.9
Sacramento.....	8.0	6.5				Binghamton....	1.3	.9			
San Bernardino..	8.4	7.6	LOUISIANA			Buffalo.....	6.7	5.2			
San Diego.....	9.0	7.9	Baton Rouge....	1.3	1.3	New York.....	92.9	84.8			
San Francisco...	28.4	23.7	New Orleans....	5.4	5.3	Rochester.....	2.7	2.2	TENNESSEE		
San Jose.....	8.6	6.5	Shreveport.....	1.1	.9	Syracuse.....	3.3	2.1	Chattanooga....	1.7	1.2
Stockton.....	4.6	2.8				Utica.....	2.7	1.8	Knoxville.....	2.3	1.4
			MAINE			NORTH CAROLINA			Memphis.....	2.7	2.6
COLORADO			Portland.....	.6	.6	Asheville.....	.8	.5	Nashville.....	1.5	1.4
Denver.....	1.8	1.8	MARYLAND			Charlotte.....	1.0	.8			
			Baltimore.....	7.4	6.7	Durham.....	.6	.4	TEXAS		
						Greensboro-			Austin.....	.4	.3
CONNECTICUT			MASSACHUSETTS			Winston-Salem..	1.5	1.0	Beaumont.....	1.4	1.2
Bridgeport.....	3.1	3.4	Boston.....	19.2	17.6				Corpus Christi..	.7	.6
Hartford.....	3.4	4.6	Brockton.....	1.4	1.3	OHIO			Dallas.....	1.7	1.5
New Britain.....	1.2	1.3	Fall River.....	3.3	2.3	Akron.....	1.5	1.3	El Paso.....	1.8	1.3
New Haven.....	2.5	2.4	Lawrence.....	3.5	3.1	Canton.....	.9	.7	Fr. Worth.....	1.0	.8
Stamford.....	1.0	.9	Lowell.....	2.0	1.8	Cincinnati.....	5.7	2.4	Houston.....	1.9	1.8
Waterbury.....	2.4	2.2	New Bedford....	3.4	2.2	Cleveland.....	4.0	3.2	San Antonio.....	1.6	1.5
			Springfield....	4.5	4.2	Columbus.....	2.2	1.4			
DELAWARE			Worcester.....	2.5	2.2	Dayton.....	1.4	1.0	UTAH		
Wilmington.....	1.9	1.8			Hamilton.....	.8	.4	Salt Lake City..	2.8	2.7	
			MICHIGAN			Lorain.....	.7	.4			
DIST. OF COL.			Battle Creek....	.9	.6	Stuebenville...	.4	.3	VIRGINIA		
Washington.....	5.8	5.1	Detroit.....	16.7	14.6	Toledo.....	1.3	1.0	Hampton.....	.7	.6
			Flint.....	2.4	2.0	Youngstown....	1.0	.8	Norfolk.....	.9	.8
			Grand Rapids...	3.0	2.4				Richmond.....	.3	.3
FLORIDA			Kalamazoo.....	.6	.6	OKLAHOMA			Roanoke.....	1	.2
Jacksonville....	.7	.6	Lansing.....	1.1	.9	Oklahoma City..	1.5	1.6			
Miami.....	6.2	5.6	Muskegon.....	.8	1.0	Tulsa.....	2.1	1.6	WASHINGTON		
Tampa.....	2.5	2.6	Saginaw.....	.5	.5				Seattle.....	18.0	15.1
						OREGON			Spokane.....	2.8	2.2
GEORGIA			MINNESOTA			Portland.....	7.6	5.5	Tacoma.....	4.4	3.4
Atlanta.....	2.4	2.8	Duluth.....	.9	.7						
Augusta.....	.7	.7	Minneapolis....	2.2	1.6	PENNSYLVANIA			WEST VIRGINIA		
Columbus.....	.6	.6				Allentown.....	2.3	2.3	Charleston.....	1.0	.7
Macon.....	.5	.5	MISSISSIPPI			Altoona.....	.9	.7	Huntington.....	1.7	1.1
Savannah.....	.4	.3	Jackson.....	.4	.3	Erie.....	.7	.6	Wheeling.....	.8	.7
						Harrisburg.....	1.2	.9			
HAWAII			MISSOURI			Johnstown.....	1.9	1.5	WISCONSIN		
Honolulu.....	3.3	3.5	Kansas City....	4.3	4.0	Lancaster.....	.7	.5	Kenosha.....	.5	.3
			St. Louis.....	12.2	11.2	Philadelphia...	23.1	21.9	Madison.....	.5	.3
						Pittsburgh.....	10.6	8.6	Milwaukee.....	4.9	3.7
ILLINOIS			NEBRASKA			Reading.....	.9	.9	Racine.....	.6	.4
Chicago.....	18.9	16.6	Omaha.....	1.2	1.1	Scranton.....	2.9	2.4			
Davenport.....	3.0	2.2				Wilkes-Barre...	4.5	3.7			
Peoria.....	.9	.7									
Rockford.....	1.0	.8									

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

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

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

**Revised.

Technical Note

Additional information concerning the preparation of the labor force, employment, hours and earnings, and labor turnover series--concepts and scope, survey methods, and limitations--is contained in technical notes for each of these series, available from the Bureau of Labor Statistics free of charge.

INTRODUCTION

The statistics in this periodical are compiled from three major sources: (1) household interviews, (2) payroll reports from employers, and (3) administrative statistics of unemployment insurance systems.

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 50,000 households, representing 449 areas in 863 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment payroll records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures are based on payroll reports from a sample of establishments employing about 30 million nonagriculture wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month.

Data based on administrative records of unemployment insurance systems furnish a complete count of insured unemployment among the two-thirds of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-servicemen, and railroad workers. These statistics are published by the Manpower Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

Relation between the household and payroll series

The household and payroll data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows:

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and non-agricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week--that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In

the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

Hours of Work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Comparability of the household interview data with other series

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Manpower Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, State and local government, domestic service, self employment, unpaid family work, nonprofit organizations, and firms below a minimum size).

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage

are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

Comparability of the payroll employment data with other series

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes contract construction, professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

County Business Patterns. Data in County Business Patterns, published jointly by the U.S. Departments of Commerce and Health, Education, and Welfare, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Not all nonagricultural wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 31 States. In general, these are establishments with less than four employees.

Labor Force Data

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in "*Concepts and Methods Used in Manpower Statistics from the Current Population Survey*" (BLS Re-

port 313). This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week,

Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 50,000 occupied units are designated for interview. About 2,250 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4.5 percent. In addition to the 50,000 occupied units, there are 8,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year ago.

CONCEPTS

Employed persons comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an Embassy.

Excluded are persons whose only activity consisted of work around the house (such as own home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but who were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

The civilian labor force comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

The unemployment rate represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, color, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. The detailed questions for persons not in the labor force are asked only in those households that are new entrants to the sample and in those that are reentering the sample after 8 months' absence.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Per-

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

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

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

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

Persons who worked 35 hours or more in the survey week are designated as working "full time"; persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full time or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1-34 hours for non-economic reasons but usually work full time.

Full- and part-time labor force. The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (because full-time work is not available), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified ac-

ording to whether they usually work full or part time.

Labor force time lost is a measure of man-hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available man-hours. It is computed by assuming: (1) that unemployed persons looking for full-time work lost an average of 37.5 hours, (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

ESTIMATING METHODS

Under the estimation methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups--color (white and non-white) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 4 to 6 percent depending on weather, vacations, etc.

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

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

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

tion between the United States and other countries.

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

Rounding of Estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

Reliability of the Estimates

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

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

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

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

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should

Table A. Average standard error of major employment status categories

Employment status and sex	Average standard error of--	
	Monthly level	Month-to-month change (consecutive months only)
(In thousands)		
BOTH SEXES		
Labor force and total employment.....	190	145
Agriculture.....	120	100
Nonagricultural employment	200	150
Unemployment.....	75	80
MALE		
Labor force and total employment.....	100	75
Agriculture.....	95	80
Nonagricultural employment	120	95
Unemployment.....	60	60
FEMALE		
Labor force and total employment.....	150	115
Agriculture.....	50	40
Nonagricultural employment	150	115
Unemployment.....	50	55

Table B. Standard error of level of monthly estimates

Size of estimate	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
10	4	4	6	4	6	4
50	9	9	11	9	11	9
100	12	12	16	12	16	12
250	20	17	25	17	25	17
500	30	25	34	25	34	25
1,000	40	35	50	35	50	35
2,500	60	40	75	40	75	40
5,000	85	45	90	...	90	...
10,000	115	...	115	...	115	...
20,000	150	...	125	...	125	...
30,000	170	...	...	...	...	...
40,000	180	...	...	...	...	...

be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

Illustration: Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

Table C. Standard error of estimates of month-to-month change
(In thousands)

Standard error of monthly level	Standard error of month-to-month change
10.....	12
25.....	28
50.....	55
100.....	100
150.....	140
200.....	155
250.....	160
300.....	190

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

Table D. Standard error of percentage

Base of percentages (thousands)	Estimated percentage								
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50
150 ...	.8	1.2	1.8	2.5	2.9	3.3	3.4	3.9	4.0
250 ...	.7	.8	1.4	1.9	2.3	2.5	2.8	3.0	3.2
500 ...	.5	.7	1.0	1.4	1.6	1.8	1.9	2.1	2.3
1,000 ..	.3	.4	.7	1.0	1.2	1.4	1.4	1.6	1.6
2,000 ..	.3	.3	.5	.7	.7	.8	1.0	1.1	1.2
3,000 ..	.2	.3	.4	.7	.7	.7	.8	.8	1.0
5,000 ..	.2	.2	.3	.4	.5	.7	.7	.7	.7
10,000 .	.1	.2	.3	.3	.3	.4	.4	.5	.5
25,000 .	.1	.1	.2	.2	.3	.3	.3	.3	.3
50,000 .	.1	.1	.1	.2	.2	.2	.2	.3	.3
75,000 .	.1	.1	.1	.1	.2	.2	.2	.2	.2

Establishment Data

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in nonagricultural establishments, by industry and geographic location.

Federal-State Cooperation

Under cooperative arrangements with State agencies, the respondent fills out a single employment or labor turnover reporting form, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents and, together with the use of identical techniques at the national and State levels, insures maximum comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare

State and area series and then send the establishment data to the BLS for use in preparing the national series.

Shuttle Schedules

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

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of non-

agricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and was revised in January 1969 to provide for the collection of job openings data as well.

CONCEPTS

Industrial Classification

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

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1967.

Industry Employment

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

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

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

Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining nonagricultural components. For Federal

Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

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

Construction workers include the following employees in the contract construction division: working foremen, journeymen, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

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

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

Overtime hours cover hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime

premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross Average Hourly and Weekly Earnings

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

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction worker, or nonsupervisory-employee definitions.

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

Average Weekly Hours

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

Average Overtime Hours

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

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month-to-month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change

in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Hours and Earnings For Total Private Nonagricultural Industries

This series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as *Employment and Wages* (Manpower Administration), *County Business Patterns* (Bureau of the Census), and additional supporting information such as *The Hospital Guide*, Part II, of the American Hospital Association and special studies by the National Council of Churches supplement data for certain industry groups within the service division.

For a technical description of this series, see the article, "Hours and Earnings for Workers in Private Nonagricultural Industries," published in the May 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

Railroad Hours and Earnings

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

Spendable Average Weekly Earnings

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from gross weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or non-supervisory workers in the industry division excluding other income and income earned by other family members.

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

Average Hourly Earnings Excluding Overtime

Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker man-hours and one-half of total overtime man-hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at 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.

Relationship to Employment Series

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

ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

The "Link Relative" Technique

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

Size and Regional Stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified produc-

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

Benchmark Adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1968 levels. Normally, benchmark adjustments are made annually.

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

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made in the last 3 benchmark years follows:

Nonagricultural payroll employment estimates,
by industry division, as a percentage of the
benchmark for 1966-1968

Industry division	1966	1967	1968
Total	99.9	100.0	100.4
Mining	100.5	99.5	101.7
Contract construction	99.7	101.6	99.5
Manufacturing	99.4	99.5	99.8
Transportation and public utilities	99.7	99.8	100.7
Wholesale and retail trade	100.1	100.7	100.3
Finance, insurance, and real estate	99.5	100.2	99.2
Services	100.3	99.8	99.2
Government	100.0	100.0	102.8

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics.

THE SAMPLE

Design

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

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

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on pro-

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

Coverage

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

Approximate size and coverage of BLS employment and payrolls sample, March 1968¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Mining	2,200	274,000	47
Contract construction	16,200	772,000	26
Manufacturing	46,100	12,422,000	64
Transportation and public utilities:			
Railroad transportation (ICC)	100	636,000	96
Other transportation and public utilities	7,100	2,042,000	57
Wholesale and retail trade	39,700	2,815,000	21
Finance, insurance and real estate	9,400	1,239,000	37
Services	22,400	2,227,000	21
Government:			
Federal (Civil Service Commission) ²	3,200	2,699,000	100
State and local	9,400	4,907,000	54

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

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

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

Approximate size and coverage of BLS labor turnover sample, March 1968

Industry	Employees	
	Number reported	Percent of total
Manufacturing	11,060,000	57
Metal mining	49,100	74
Coal mining	59,800	44
Communication:		
Telephone	632,400	78
Telegraph	22,400	69

Reliability of the Employment Estimates

The estimates derived from the establishment survey may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's estimate, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to the sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences, generally minor, arises from improvements in the quality of the benchmark data. (A detailed description of the March 1968 benchmark is available from the Bureau upon request.)

One measure of the reliability of ratio estimates is the root mean square error (RMSE). This measure is the standard deviation adjusted for the bias in ratio estimates ($RMSE = \sqrt{(Standard\ Deviation)^2 + (Bias)^2}$). If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root mean square error. The chances are about 19 out of 20 that the difference would be less than twice the root mean square error.

Approximations of the root mean square errors (based on the experience of the last several years) of differences between final estimates and benchmarks are presented in the following table.

Root-mean-square errors of differences
between benchmarks and estimates

Size of employment estimate	Root-mean-square error ¹
50,000	2,000
100,000	2,600
200,000	3,600
500,000	7,000
1,000,000	11,600
2,000,000	18,400

¹ Assuming 12-month intervals between benchmark revisions.

For the most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. The table below presents root-mean-square-errors of the amounts of

Errors of preliminary employment estimates

Size of empl. estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	600	600
100,000	900	900
200,000	1,700	1,700
500,000	3,000	2,800
1,000,000	4,300	4,000
2,000,000	8,000	8,000
10,000,000	29,600	27,600
Total Nonag. empl.	84,000	74,000

revision that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than .1 of an hour for weekly hours or 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

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

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

UNEMPLOYMENT INSURANCE DATA

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, State and local government, domestic service, self-employment, unpaid family work, nonprofit organizations, and firms below a minimum size). The rate of insured unemployment is the number of insured unemployed expressed as a percent of average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial

claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continues to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitations of unemployment insurance data should address their inquiries to Manpower Administration, Washington, D.C.

SEASONAL ADJUSTMENT

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

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the booklet, *The BLS Seasonal Factor Method* (1966), which may be obtained from the Bureau on request.

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

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Post Office Department in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Post Office Department. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based. Factors currently in use for the establishment data are shown in the July 1969 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1968 are published in the February 1969 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours and earnings series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1968 benchmarks. Data from April 1968 forward are subject to revision at the time of the next benchmark.

Beginning with the July 1969 and subsequent issues of Employment and Earnings, the national data in sections B, C, and D supersede those published in previous issues, as well as those appearing in the Handbook of Labor Statistics, 1969. Comparable data will be published in Employment and Earnings, United States, 1909-69, BLS Bulletin 1312-7.

**Summary of Methods for Computing Industry Statistics
on Employment, Hours, Earnings, and Labor Turnover**

Item	Basic estimating cells (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
Monthly Data		
All employees . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers; women employees .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . .	Production- or nonsupervisory-worker man-hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours . . .	Production-worker overtime man-hours divided by number of production workers.	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings . . .	Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker man-hours.	Average, weighted by aggregate man-hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . .	The number of particular actions (e.g., quits) in reporting firms divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
Annual Average Data		
All employees and production or nonsupervisory workers .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . .	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . .	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . .	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

UNITED STATES DEPARTMENT OF LABOR

Bureau of Labor Statistics

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COOPERATING STATE AGENCIES

Employment and Labor Turnover Statistics Programs

BLS
Region

IV	ALABAMA	- Department of Industrial Relations, Montgomery 36104
X	ALASKA	- Employment Security Division, Department of Labor, Juneau 99801
IX	ARIZONA	- Unemployment Security Commission, Phoenix 85005
VI	ARKANSAS	- Employment Security Division, Department of Labor, Little Rock 72203
IX	CALIFORNIA	- Division of Labor Statistics and Research, Department of Industrial Relations, Human Relations Agency, San Francisco 94101 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
VIII	COLORADO	- Department of Employment, Denver 80203
I	CONNECTICUT	- Employment Security Division, Connecticut Labor Department, Hartford 06115
III	DELAWARE	- Employment Security Commission, Wilmington 19899
III	DIST. OF COL.	- Manpower Training and Employment Services Administration for the District of Columbia, Washington 20212
IV	FLORIDA	- Department of Commerce, Tallahassee 32304
IV	GEORGIA	- Employment Security Agency, Department of Labor, Atlanta 30303
IX	HAWAII	- Department of Labor and Industrial Relations, Honolulu 96811
X	IDAHO	- Department of Employment, Boise 83707
V	ILLINOIS	- Division of Research and Statistics, Department of Labor, Chicago 60606
V	INDIANA	- Employment Security Division, Indianapolis 46204
VII	IOWA	- Employment Security Commission, Des Moines 50319
VII	KANSAS	- Employment Security Division, Department of Labor, Topeka 66603
IV	KENTUCKY	- Bureau of Employment Security, Department of Economic Security, Frankfort 40601
VI	LOUISIANA	- Department of Employment Security, Baton Rouge 70804
I	MAINE	- Employment Security Commission, Augusta 04330
III	MARYLAND	- Department of Employment Security, Baltimore 21201
I	MASSACHUSETTS	- Division of Statistics, Department of Labor and Industries, Boston 02202 (Employment). Division of Employment Security, Boston 02215 (Turnover).
V	MICHIGAN	- Employment Security Commission, Detroit 48202
V	MINNESOTA	- Department of Manpower Services, St. Paul 55101
IV	MISSISSIPPI	- Employment Security Commission, Jackson 39205
VII	MISSOURI	- Division of Employment Security, Jefferson City 65102
VIII	MONTANA	- Unemployment Compensation Commission, Helena 59601
VII	NEBRASKA	- Division of Employment, Department of Labor, Lincoln 68509
IX	NEVADA	- Employment Security Department, Carson City 89701
I	NEW HAMPSHIRE	- Department of Employment Security, Concord 03301
II	NEW JERSEY	- Division of Planning and Research, Department of Labor and Industry, Trenton 08625.
VI	NEW MEXICO	- Employment Security Commission, Albuquerque 87103
II	NEW YORK	- Research and Statistics Office, Division of Employment, N.Y. State Department of Labor, State Campus Building 12, Albany 12201
IV	NORTH CAROLINA	- Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
VIII	NORTH DAKOTA	- Employment Security Bureau, Bismarck 58501
V	OHIO	- Division of Research and Statistics, Bureau of Employment Services, 145 S. Front St., Columbus 43216
VI	OKLAHOMA	- Employment Security Commission, Oklahoma City 73105
X	OREGON	- Division of Employment, Salem 97310
III	PENNSYLVANIA	- Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
I	RHODE ISLAND	- Division of Statistics and Census, Department of Labor, Providence 02908 (Employment). Department of Employment Security, Providence 02903 (Turnover).
IV	SOUTH CAROLINA	- Employment Security Commission, Columbia 29202
VIII	SOUTH DAKOTA	- Employment Security Department, Aberdeen 57401
IV	TENNESSEE	- Department of Employment Security, Nashville 37219
VI	TEXAS	- Employment Commission, Austin 78701
VIII	UTAH	- Department of Employment Security, Salt Lake City 84111
I	VERMONT	- Department of Employment Security, Montpelier 05602
III	VIRGINIA	- Division of Research and Statistics, Department of Labor and Industry, Richmond 23214 (Employment). Employment Commission, Richmond 23211 (Turnover).
X	WASHINGTON	- Employment Security Department, Olympia 98501
III	WEST VIRGINIA	- Department of Employment Security, Charleston 25305
V	WISCONSIN	- Department of Industrial, Labor and Human Relations, Madison 53701
VIII	WYOMING	- Employment Security Commission, Casper 82601