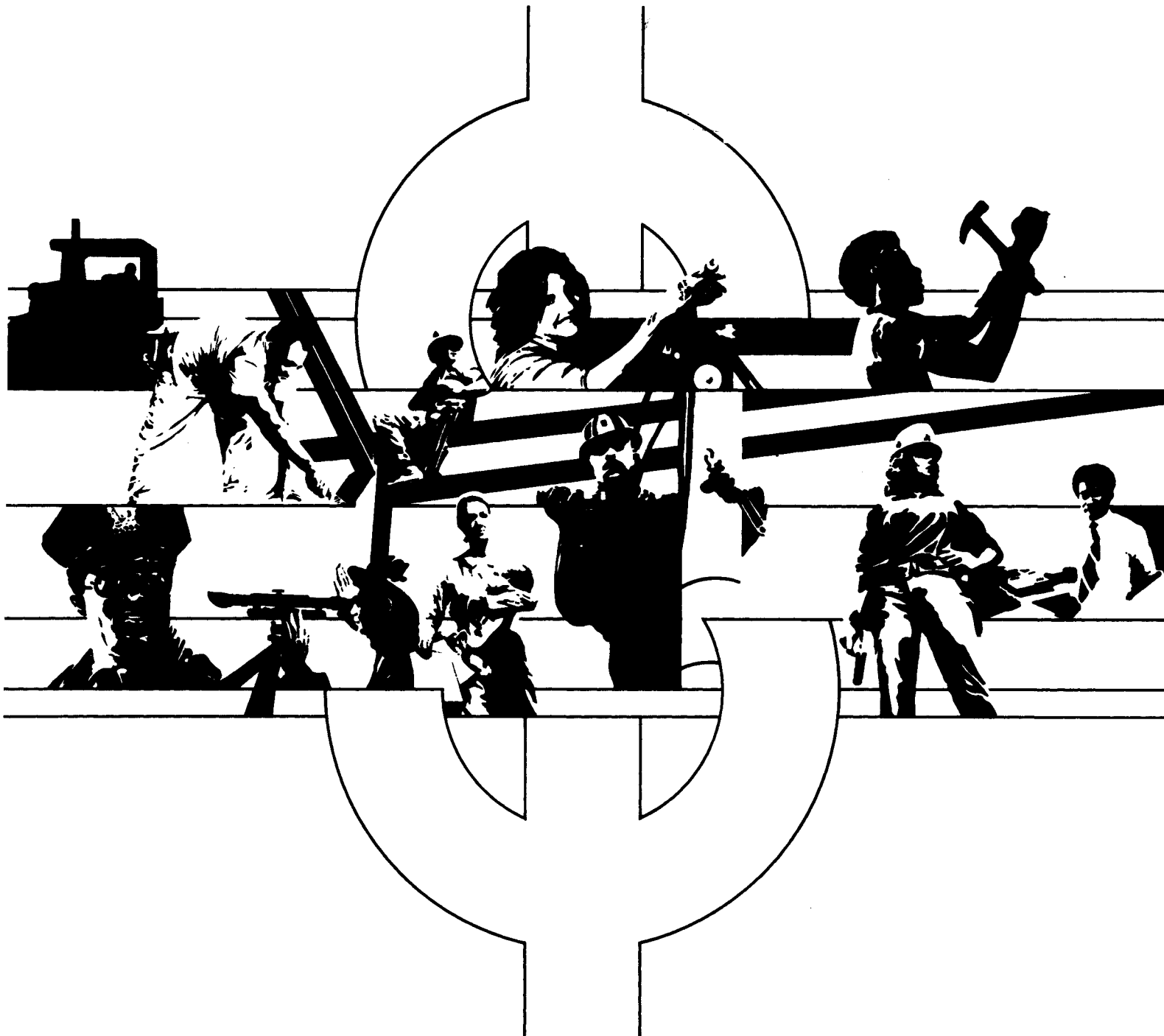


Employment and Earnings February 1982



U.S. Department of Labor
Bureau of Labor Statistics

In this issue:
Revisions in the Current Population Survey
beginning in January 1982
Revised seasonally adjusted labor force series





U.S. DEPARTMENT OF LABOR
Raymond J. Donovan, Secretary

BUREAU OF LABOR STATISTICS
Janet L. Norwood, Commissioner

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Calendar of Features

In addition to the monthly data appearing regularly in *Employment and Earnings* special features appear in most of the issues as shown below:

Household data

Annual averages	Jan.
Revised seasonally adjusted series	Feb.
Quarterly averages: Seasonally adjusted data, persons not in labor force, persons of Hispanic origin, Vietnam-era veterans and nonveterans, poverty-nonpoverty area data, family relationship data, weekly earnings data	Jan., Apr., July, Oct.

Establishment data

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail (final)	Mar.
Women employment detail (final)	Mar.
National data adjusted to new benchmarks	July ¹
Revised historical national data adjusted to new benchmarks	Supplement ²
Revised seasonally adjusted series	July ³
State and area annual averages	May
Area definitions	May

State and area unemployment data

Annual averages	May ⁴
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¹ The issue that introduces new benchmark varies. The July 1981 issue introduced March 1980 benchmarks.

² Month of publication of annual supplement varies. The latest supplement was published in August 1981.

³ Issue varies. Latest revised data introduced July 1981.

⁴ These data first introduced in the May 1981 issue.

Employment and Earnings

Vol. 29 No. 2 February 1982

Editors: Gloria P. Green, Gloria P. Goings, Rosalie K. Epstein

Editors' note

Effective with data for January 1982, population counts derived from the 1980 Decennial Census are being introduced into the estimation procedures used in the Current Population Survey (household survey). All data for 1981 have been recalculated. Because the magnitude of the revisions affected the historical continuity of labor force series, differences between estimates based on the 1970 census and those based on the 1980 census have been wedged back to 1970 for most series. Revisions for major labor force series appear in tables A-1 and A-2.

In addition, seasonal adjustment factors for unemployment and other labor force series derived from this survey have been updated to incorporate data through December 1981 (as revised, based on 1980 census population controls), and data have been readjusted for seasonality back to January 1970. Seasonally adjusted data in tables A-1, A-2, and A-33 through A-42 reflect the updated seasonal factors. Revised monthly data covering the entire 1970-81 revision period for a broader range of labor force series are included in this issue, beginning on page 130.

Descriptions of the adjustment of labor force estimates to 1980 census population controls and the seasonal adjustment methodology, plus the factors to be used to calculate the overall unemployment rate for January through June 1982, appear in articles in this issue.

Contents

	<i>Page</i>
List of statistical tables	2
Employment and unemployment developments, January 1982	5
Revisions in the Current Population Survey beginning in January 1982	7
Revision of seasonally adjusted labor force series	16
Statistical tables:	
Not seasonally adjusted—	
Household data	22
Establishment data:	
Employment	51
Hours and earnings	85
Labor turnover	115
State and area unemployment data	124
Seasonally adjusted series—	
Household data	44
Establishment data:	
Employment	68
Hours and earnings	105
Productivity	107
Labor turnover	120
Revised seasonally adjusted labor force series	130
Explanatory notes	191

MONTHLY HOUSEHOLD DATA

Page

Employment Status

A- 1.	Employment status of the noninstitutional population 16 years and over, 1947 to date	20
A- 2.	Employment status of the noninstitutional population 16 years and over by sex, 1972 to date	21
A- 3.	Employment status of the noninstitutional population by sex, age, and race	22
A- 4.	Labor force by sex, age, and race	24
A- 5.	Employment status of black workers by sex and age	26
A- 6.	Employment status of the noninstitutional population by race, sex, and age	27
A- 7.	Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race	28
A- 8.	Full- and part-time status of the civilian labor force by sex, age, and race	29
A- 9.	Employment status of the noninstitutional population by family relationship	30

Characteristics of the Unemployed

A-10.	Unemployed persons by marital status, race, age, and sex	30
A-11.	Unemployed persons by occupation and sex	31
A-12.	Unemployed persons by industry and sex	31
A-13.	Unemployed persons by reason for unemployment, sex, age, and race	32
A-14.	Unemployed persons by reason for unemployment, sex, age, and duration of unemployment	32
A-15.	Unemployed jobseekers by sex, age, race, and jobsearch methods used	33
A-16.	Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used	33
A-17.	Unemployed persons by duration of unemployment	34
A-18.	Unemployed persons by sex, age, race, marital status, and duration of unemployment	34
A-19.	Unemployed persons by occupation, industry, and duration of unemployment	35

Characteristics of the Employed

A-20.	Employed persons by industry, age, and sex	35
A-21.	Employed persons by occupation, sex, and age	36
A-22.	Employed persons by occupation, race, and sex	37
A-23.	Employed persons by age, sex, and class of worker	38
A-24.	Employed persons by industry and occupation	38
A-25.	Employed persons with a job but not at work by reason, sex, and pay status	39
A-26.	Persons at work by hours of work and industry	39
A-27.	Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status	40
A-28.	Nonagricultural workers by industry and full- or part-time status	40
A-29.	Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status	41
A-30.	Persons at work in nonfarm occupations by sex and full- or part-time status	42

Characteristics of 14- and 15-year-olds

A-31.	Employment status of 14- and 15-year-olds by sex and race	43
A-32.	Employed 14- and 15-year-olds by class of worker, occupation, and sex	43

Seasonally Adjusted Employment and Unemployment Data

A-33.	Employment status of the noninstitutional population by sex and age, seasonally adjusted	44
A-34.	Full- and part-time status of the civilian labor force, seasonally adjusted	45
A-35.	Employment status by race, sex, and age, seasonally adjusted	45
A-36.	Major unemployment indicators, seasonally adjusted	46
A-37.	Unemployed persons by duration of unemployment, seasonally adjusted	46
A-38.	Unemployment rates by sex and age, seasonally adjusted	47
A-39.	Unemployed persons by reason for unemployment, seasonally adjusted	47
A-40.	Employed persons by sex and age, seasonally adjusted	48
A-41.	Unemployed persons by sex and age, seasonally adjusted	48
A-42.	Employed persons by selected social and economic categories, seasonally adjusted	49

Characteristics of Vietnam-era Veterans and Nonveterans

A-43.	Employment status of male Vietnam-era veterans and nonveterans by age	50
-------	---	----

MONTHLY ESTABLISHMENT DATA

Page

Employment—National

B- 1.	Employees on nonagricultural payrolls by industry division, 1930 to date	51
B- 2.	Employees on nonagricultural payrolls by industry	52
B- 3.	Women employees on nonagricultural payrolls by industry	61
B- 4.	Employees on nonagricultural payrolls by industry, seasonally adjusted	68
B- 5.	Women employees on nonagricultural payrolls by industry, seasonally adjusted	69
B- 6.	Production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted	70
B- 7.	Indexes of diffusion: Percent of industries in which employment increased	71

Employment—State and Area

B- 8.	Employees on nonagricultural payrolls for States and selected areas by industry division	72
-------	--	----

Hours and Earnings—National

C- 1.	Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls by industry division, 1960 to date	85
C- 2.	Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls by industry	86
C- 3.	Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry	102
C- 4.	Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, in current and constant (1977) dollars	102
C- 5.	Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers on private nonagricultural payrolls	103
C- 6.	Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted	105
C- 7.	Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted	106
C- 8.	Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted	107
C- 9.	Hours of wage and salary workers in nonagricultural establishments by industry division	107
C-10.	Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted	108
C-11.	Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate	109

Hours and Earnings—State and Area

C-12.	Gross hours and earnings of production workers on manufacturing payrolls by State and selected areas	110
-------	--	-----

Labor Turnover—National

D- 1.	Labor turnover rates in manufacturing, 1971 to date	115
D- 2.	Labor turnover rates by industry	116
D- 3.	Labor turnover rates in manufacturing, 1971 to date, seasonally adjusted	120

Labor Turnover—State and Area

D- 4.	Labor turnover rates in manufacturing for selected States and areas	121
-------	---	-----

MONTHLY STATE AND AREA UNEMPLOYMENT DATA

E- 1.	Labor force and unemployment by State and selected metropolitan areas	124
-------	---	-----

REVISED MONTHLY HOUSEHOLD DATA

	<i>Page</i>
Revised Seasonally Adjusted Labor Force Series	
Labor force—total; sex; sex and age; race, sex and age; full- or part-time status and sex	130
Civilian labor force participation rates—total; sex; sex and age; race, sex, and age	138
Employment—total; sex; sex and age; agricultural and nonagricultural industries by sex and age; 16-21 years by sex and major activity; marital status; occupation; class of worker; at work on full- or part-time schedules	146
Employment-population ratios—total; sex and age; race	157
Unemployment—total; sex; sex and age; 16-21 years by sex and major activity; race, sex, and age; marital status; full- or part-time status and sex; reasons for unemployment; duration of unemployment; labor force time lost	158
Unemployment rates—total; sex; sex and age; 16-21 years by sex and major activity; race, sex, and age; marital status; full- or part-time status and sex; occupation; industry	172
Total Hispanic-origin workers—civilian labor force; civilian labor force participation rates; employment; unemployment; unemployment rates	190

Discontinuation of spendable earnings and labor turnover series

After release of final December 1981 data in the March 1982 issue of *Employment and Earnings*, BLS will discontinue computation and publication of the spendable earnings series published in table C-4, and the labor turnover data published in tables D-1 through D-3. State and area labor turnover data published in table D-4 will be discontinued in this issue with publication of November 1981 preliminary data.

The spendable earnings series has become unrepresentative of the actual earnings situation of workers. An article by Paul O. Flaim in the January 1982 issue of the *Monthly Labor Review* entitled "The Spendable Earnings Series: Has it Outlived its Usefulness?" explains the problems with the series. The decision to discontinue this series is in accord with the recommendations of the National Commission on Employment and Unemployment Statistics and the response of the Secretary of Labor to those recommendations issued in October 1981. The Bureau will continue to publish the real earnings series on a monthly basis.

The labor turnover survey is being discontinued because of budget reductions.

Employment and Unemployment Developments, January 1982

Employment in nonagricultural industries declined in January, and the number of persons unemployed also declined. The overall unemployment rate was 8.5 percent in January; between July and December, it had risen steadily from 7.2 to 8.8 percent (as revised).

Total employment—as derived from the monthly survey of households—was about unchanged in January at 99.6 million, but there was a decrease in nonagricultural employment. Since July, total employment was down by about 1.3 million. Nonfarm payroll employment—as derived from the monthly survey of establishments—dropped by 235,000 in January. This series was down by 1.0 million since July.

Unemployment

The number of unemployed persons rose less than it usually does from December to January, and, as a result, the seasonally adjusted level fell by 270,000 to 9.3 million. This was 200,000 above the November level and 1.5 million higher than last July. The January unemployment decline coincided with a decrease in the labor force. The Nation's unemployment rate declined by 0.3 percentage point to 8.5 percent, after having risen a half point in December; the jobless rate was still 1.3 percentage points higher than last July. (See table A-33.)

Most of the January decline in joblessness took place among adult men, who have been hit particularly hard in the last few months. Their unemployment rate dropped 0.4 percentage point to 7.5 percent, after rising 0.8 point in the prior month. Unemployment rates for adult women (7.2 percent) and teenagers (21.7 percent) were little changed over the month, while rates for white (7.5 percent) and black workers (16.8 percent) were down marginally. The rate for Hispanics (12.0 percent) increased over the month. (See table A-36.) Unemployment among all workers remained substantially higher than last summer.

A sizeable decline took place in January in the number of unemployed who were on layoff. There also were reductions in the number of unemployed persons who left their last job and those who had reentered the labor force. (See table A-39.)

The over-the-month drop in unemployment was concentrated among the short-term jobless (less than 5

weeks), whose number dropped to the November level of 3.9 million. Accordingly, both the mean and median duration measures rose over the month. Nonetheless, two-fifths of all unemployed persons in January were newly unemployed. (See table A-37.)

Total employment and the labor force

Total employment was about unchanged in January at 99.6 million, seasonally adjusted, following a drop of more than half a million in December. There was, however, a continued decline in nonagricultural employment. Since July, the total number of jobholders has fallen by 1.3 million. The employment-population ratio continued to recede, as employment in January did not keep pace with normal population growth. (See table A-33.)

The civilian labor force decreased by 300,000 in January to 108.9 million. Men accounted for virtually all of this decline. On an over-the-year basis, labor force growth was unusually low—1.1 million.

Industry payroll employment

Total nonagricultural payroll employment declined by 235,000 in January to 90.9 million, seasonally adjusted. The payroll job count has fallen continuously since September, with job cutbacks totaling 1.2 million over this period. As in the earlier months, job losses were widespread; over-the-month employment gains occurred in only about one-third of the 172 industries comprising the diffusion index of nonagricultural payroll employment. (See tables B-4 and B-7.)

The largest over-the-month decline occurred in manufacturing, where employment fell by 215,000. Most of this drop took place in the durable goods sector, with reductions taking place in every industry. There were particularly large cutbacks in transportation equipment, machinery, and fabricated metals. Since July, job losses in durable goods have totaled three-quarters of a million. Within nondurable goods, both the textile and apparel industries registered sizeable declines, sustaining trends evident over the last several months.

Employment in construction continued to decline in January, but the over-the-month drop of 140,000 was much greater than in recent months. Much of the

January reduction can be attributed to the extreme cold and severe winter storms which existed over the eastern two-thirds of the country during the survey week, causing temporary halts in construction activities.

Among the service-producing industries, retail trade posted a substantial gain (175,000, after seasonal adjustment) in January, as the normally expected reductions in sales staffs did not take place due to the comparatively light pre-Christmas hiring. Employment in services was about unchanged for the second month in a row. Government employment was down 35,000 over the month.

Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls dropped by a record eight-tenths of an hour to 34.1 hours in January, the result of extremely severe weather conditions that reduced the length of the workweek in virtually every industry. The effect of the weather, combined with an already weakened economy, placed total private hours at an all-time low in January. The workweek in construction was down 3.6 hours (not seasonally adjusted) in January. Manufacturing hours dropped 2.1 hours to 36.9 hours. Factory overtime also declined, falling 0.2 hour to 2.2 hours. Hours reductions were especially marked in the textile and apparel industries. (See table C-6.)

Reflecting both the reduction in employment and the markedly shortened workweek, the index of aggregate weekly hours of production or nonsupervisory workers

on private nonfarm payrolls was down by 2.7 percent in January to 103.9 (1977 = 100), while the factory index dropped sharply to 86.6, a reduction of 6.5 percent. The decline in the overall index has been continuous since July, with a drop of 5.0 percent during this period. The factory index fell by 13.8 percent over the same time span. (See table C-7.)

Hourly and weekly earnings

Average hourly earnings rose 0.8 percent in January, but average weekly earnings declined 1.5 percent (seasonally adjusted), because of the cutback in hours. Before adjustment for seasonality, average hourly earnings were up 9 cents to \$7.53 and have risen a half dollar over the year. Weekly earnings, at \$253.76, declined \$8.13 over the month but were up \$7.01 over the year. (See tables C-1 and C-8.)

The Hourly Earnings Index

The Hourly Earnings Index (HEI) was 144.8 (1977 = 100) in January, seasonally adjusted, 1.0 percent higher than in December. For the 12 months ended in January, the increase (before seasonal adjustment) was 8.2 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements—fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI decreased 0.6 percent during the 12-month period ended in December. (See table C-8.)

Revisions in the Current Population Survey Beginning in January 1982

*Kenneth D. Buckley, Jennifer Marks,
and Ronald J. Statt

Statistics on the labor force status and characteristics of the population are compiled for BLS by the Bureau of the Census in its Current Population Survey (CPS). The CPS is a scientifically selected national sample of about 60,000 occupied households¹ designed to represent the civilian noninstitutional population.

Since the inception of the survey in 1940, it has been the practice of the Bureau of the Census to revise the CPS sample after each decennial census to incorporate recently collected census data and at the same time implement revisions in its procedures to improve the efficiency of the sample and increase the reliability of the estimates. Beginning in January 1982, changes in the CPS ratio estimation procedure were implemented along with the incorporation of population controls obtained from the 1980 census, rather than the 1970 census. Because the magnitude of the differences between 1970- and 1980 census-based controls would affect the historical comparability and continuity of major labor force series, approximately 30,000 series were revised back to 1970.

This article discusses the changes in the ratio estimation procedure, the derivation of the 1980-based population controls, and the effect of their use on the national estimates. In addition, it discusses the methodology used to revise the historical CPS data to account for changes in the population as determined by the 1980 census.

Changes in the CPS ratio estimation procedure

The estimation procedure involves multiplying the basic weight—the inverse of the probability of selection—for a housing unit—by factors which adjust for differences between sample proportions and known population proportions in certain age, sex, race, and residence categories. This is accomplished through two stages of ratio estimates as follows: In the first-stage ratio procedure, adjustments are made to take into account differences existing at the time of the census between the race-residence distribution for the Nation and for the sample areas.

A second-stage ratio adjustment is also applied to further reduce variability of the estimates and to correct to some extent for CPS undercoverage relative to the decennial census. Finally, a composite estimation procedure is performed to further reduce variance by taking advantage of survey data available from previous months.

The second-stage ratio adjustment procedure adjusts the sample proportion of persons in specific categories to the distribution of independent current estimates of the population in the same categories. Prior to January 1982, the second-stage procedure was performed in three steps. In the first step, the sample estimates were adjusted within each State and the District of Columbia to an independent control for the population 16 years and over for the State. The second step, often referred to as the “intermediate second-stage adjustment,” involved “nonwhite” persons only and was an adjustment to independent estimates of 48 “nonwhite” age-sex-race categories across the whole Nation. Two race categories were used—black and “other” minority races. The final step, applied to all sample persons, was an adjustment to nationwide independent population estimates within 34 age-sex-groups each for white and “nonwhite” persons. The entire second-stage adjustment procedure was iterated six times to ensure that the sample estimates of the population for both State and national age-sex-race categories were virtually equal to the independent population control totals.

Beginning with January 1982 data, the intermediate step of the second-stage adjustment has been discontinued, and the race categories of the final step have been changed from white/nonwhite to black/nonblack.

* Kenneth D. Buckley is a statistician in the Office of Current Employment Analysis, Bureau of Labor Statistics. Jennifer Marks is a social science analyst in the Population Division of the Bureau of the Census. Ronald J. Statt is a mathematical statistician in the Statistical Methods Division of the Bureau of the Census.

¹ Beginning in January 1982, about 100 occupied units were added to the CPS sample to provide additional coverage in counties added to Standard Metropolitan Statistical Areas (SMSA's) which were redefined in 1973. This expansion had practically no effect on the reliability of State or national estimates.

These changes in the second-stage adjustment are expected to have little or no effect on the household data published, except that the estimated totals of population and labor force characteristics for "whites" in selected age categories and for "black and other" are more variable from month to month than previously. This is because the new procedure does not specifically control for "whites" or for "other nonwhites." These changes were made to avoid differences between the CPS and the 1980 census in the classification of persons as white, black, and other. Tabulations show a much higher proportion of persons who classified themselves as "other" in the 1980 census than in the CPS.

Derivation of 1980 census population controls

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are being prepared by carrying forward the April 1, 1980, total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. (The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports*, Series PHC80-V, and the Armed Forces overseas, as compiled from Department of Defense reports.)

Data on births and deaths between April 1, 1980, and the estimate date are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national control totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older for use in the revised CPS ratio estimation procedure as described above.

In the past, the base population used was corrected for net census undercount before being carried forward, and the estimates generated for the estimate date were then reduced to a level consistent with the census count (the inflation-deflation method). Since estimates of net

undercount for 1980 were not available, the inflation-deflation steps were dropped. This change has little impact on the independent estimates, particularly in the first 5 years after the census.

Effect of 1980 population controls on national estimates

Table 1 presents selected sample estimates from the CPS on an annual average basis for 1981, using both the old and new second-stage ratio adjustment procedures. Under the new procedure, the estimates of the total civilian noninstitutional population 16 years and over, civilian labor force, and unemployed persons all increased by about 2 percent. The larger estimated totals for the major labor force categories are considered to be more accurate, since they are based on the more up-to-date 1980 census data rather than the 1970 census data. Estimates of labor force participation and unemployment rates were generally unaffected by the changes in the estimation procedure. There were, however, some slight differences in the estimates of these rates for black and other workers. These differences were concentrated among males, with slightly higher labor force participation rates and lower unemployment rates for this group under the new procedure. However, these differences are well within the sampling error on the estimates of the rates and are of relatively small magnitude. Moreover, the differences are essentially limited to the "other" group, rather than among black (only) workers.

Revision of historical data back to 1970

BLS has completed provisional revisions to approximately 30,000 labor force series from May 1970 through December 1980 to adjust for the increase in labor force estimates due to the 1980 decennial census population count. The revision was necessary to link new estimates for 1981 and subsequent years incorporating 1980 census data with estimates for preceding years where the sample weights were based on the 1970 census. Without such a revision, there would be a discontinuity in many important time series.

Considerations in developing the revision methodology.

In designing the revision methodology, BLS initially considered the approach used by the Bureau of the Census to generate revised annual population estimates for the 1970's. Their approach, termed "error of closure," consisted of taking the percentage difference between the April 1980 population as counted in the 1980 census and the April 1980 population as projected from the 1970 census, and linearly wedging this percentage difference back over the decade to derive population estimates for April 1 of each year. BLS refined the Census Bureau approach to meet the following requirements:

(1) Additivity among components of labor force categories had to be maintained; e.g., total employment plus total unemployment had to equal the labor force.

(2) Differences would have to be based on data for 1981 rather than 1980, because complete sets of data based on both the 1970 and 1980 population controls were only available beginning with data for the latter year.

(3) Disturbance to "nontrend" components of the time series, such as the seasonal component, needed to be minimized.

(4) The approach was to be capable of use in revising monthly, quarterly, and annual data.

The BLS approach, described in this article, is the "differences of closure" (DOC) approach. In order to estimate the amount of increase for the various labor force categories, DOC's were calculated for each category as the difference between 1970-census-weighted estimates and new 1980-census-weighted estimates for each month of 1981. After adjustments for trend and smoothing for "noise", the DOC's were applied to the estimates with a weighting factor midway between April 1970 and April 1980—a linear adjustment. Since complete 1980-census-weighted labor force data were not available until calendar year 1981, it also was necessary to adjust May 1980 through December 1980 with the same weighting factor as was used in April 1980. These procedures were jointly endorsed by BLS and Census Bureau technical staff.

Estimating the differences of closure. The DOC procedure resulted in the application of an additive rather than a percentage wedge to account for the population increase. The effect of the population increase is concentrated more at the end of the decade than in those years immediately after the 1970 decennial census. The additive wedge forces a linearity to the 1980 census increase that may not, in fact, be "true." However, although the additive wedge assumes that the population increase is uniform throughout the decade, it preserves additivity among components of any labor force category. A percentage wedge, while modeling a slightly more exponential effect, could not maintain additivity among demographic components of a given labor force category. The Bureau of the Census was not able to provide any indication of the behavior of the labor force increase across the 1970's, and thus a uniform increase is the most reasonable assumption under current circumstances. The effect of the revision alters the slope, trend, and mean of a given series, but only minimally disturbs the variation caused by seasonal and cyclical effects.

During 1981, the Bureau of the Census provided BLS with monthly labor force estimates for the year based upon 1980 census population weights. When taken together with the then official figures based on 1970 census weights, DOC's were calculated for all labor force series which were person counts. This group of labor force estimates will be referred to a "levels." The DOC for a given month in 1981 represents the difference between the 1980-based and 1970-based estimates for a given labor force category. Since many of the levels are seasonally affected, using a DOC based only on one month, quarter, or the annual average for all monthly estimates would underestimate or overestimate seasonal highs or lows. Individual DOC's were found to vary and, in fact, correlate with the seasonality of the particular level. As an example, levels for estimates of the number of persons not in the labor force because of enrollment in school are higher for October through May than for June through September. Consequently, DOC's for each month of the year were calculated for approximately 25,000 series.

Adjusting the differences of closure. It was necessary to adjust the 1981 DOC's to account for the normal population increase between 1980 and 1981 as well as for the increasing gap between projected population using the 1980 census rather than the 1970 census. DOC's calculated from 1981 would tend to overestimate the population increase in 1980 because of a larger DOC. The increase due to population (trend) was estimated, and calendar year 1981 DOC's were deflated to their approximate calendar year 1980 values.

There is an inherent risk in using only a single observation to estimate any quantity. A major concern was that a single observed DOC might overestimate or underestimate the effect of the 1980 population control because of random influences, or noise. These random influences were minimized by using a 3-by-3 moving average across the monthly DOC's. (A 3-by-3 moving average takes a 3-month moving average of the results of a prior 3-month moving average. The result is a centered symmetric weighted average over 5 months for any particular month, using weights of 1/9, 2/9, 3/9, 2/9, and 1/9.) The calculation of the moving averages for beginning and ending months "wrapped around" 1981. The "wrap-around" uses December and November 1981 as prior months for January and February 1981, and January and February 1981 as subsequent months for November and December 1981, in appropriate moving average computations. The "wrap-around" allows 12 moving averages to be computed from 1 year's span of data. Although the moving average tends to flatten out seasonal highs and lows somewhat, it spreads any perturbations over a wide period, in effect diluting them, and thus decreases the effect of noise that may be confused with the population

estimate under consideration. The moving average produces a compromise which preserves most of the seasonality of the DOC's and eliminates most of the noise.

Applying the differences of closure. The adjusted differences of closure (ADOC) were applied to the May 1970 through December 1980 values of the 25,000 levels. A weighting factor of 1/120 was used in May 1970 and, in a linear application, was increased by 1/120 for each successive month through April 1980, thereafter remaining a constant weight of 1 through December 1980. Using this approach, labor force estimates for June were adjusted, for example, by 2/120 of the June ADOC in June 1970, 14/120 of the June ADOC in June 1971, up to the full June ADOC for the June 1980 estimate. The following formula represents the adjustment methodology and application:

$$LFE^*(i,j) = LFE(i,j) + f(i,j) \times ADOC(i)$$

where,

$LFE^*(i,j)$ -Revised labor force estimate for ith month in jth year.

$LFE(i,j)$ -Original 1970-based labor force estimate for ith month in jth year.

$f(i,j)$ -Weighting factor for ith month in jth year.

$ADOC(i)$ -Adjusted DOC value for ith month.

and

$$ADOC(i) = 1/9 \times DOC^*(i-2) + 2/9 \times DOC^*(i-1) + 3/9 \times DOC^*(i) + 2/9 \times DOC^*(i+1) + 1/9 \times DOC^*(i+2)$$

where,

$DOC^*(i)$ - Trend-adjusted ith month

and

$$DOC^*(i) = DOC(i)/Trend(i)$$

where,

$DOC(i)$ -Difference between 1980-based LFE and 1970-based 1981 LFE for ith month.

$TREND(i)$ -Average percent increase of the DOC for total civilian non-institutional population and total labor force in the ith month of 1981 over 1980.

In all, approximately 2.5 million individual values were adjusted. All rates and ratios that could be recalculated were recomputed from the adjusted levels, resulting in the revision of almost 300,000 more individual values. In most cases the changes to rates were small or negligible, but the calculations were done to ensure as much consistency as possible with the revised levels. Finally, all seasonally adjusted data for 1970 through 1981 were revised, producing nearly 200,000 more revisions to individual data values. In total, about 3 million individual labor force values were revised. These were the series that are maintained in the automated data base used to support the publication of labor force statistics. A separate article in this issue provides a more complete discussion of the seasonal adjustment process.

The most accurate method of revising the labor force data would be to reweight the original raw monthly CPS observations for the entire time frame. However, such an undertaking for 128 months of CPS data would be too expensive and time consuming. The calculation, adjustment, and application of DOC's have provided a sound and affordable method for producing provisional revisions of the labor force series.

In the meantime, the Bureau of the Census will continue to study the population changes that took place between 1970 and 1980 and may revise the intercensal population estimates as a result of that study. Only after completion of this examination will it be possible to determine if further revisions of the labor force estimates are warranted.

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages

(Numbers in thousands)

Labor force status and age	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over.....	166,436	170,130	3,694	78,769	80,511	1,742	87,667	89,618	1,951
16 to 19 years.....	15,905	16,214	309	7,920	8,092	172	7,984	8,121	137
20 to 24 years.....	20,081	20,820	739	9,717	10,116	399	10,365	10,705	340
25 to 34 years.....	36,434	37,777	1,343	17,717	18,427	710	18,717	19,350	633
35 to 44 years.....	26,021	26,291	270	12,527	12,758	231	13,493	13,533	40
45 to 54 years.....	22,412	22,422	10	10,848	10,797	-51	11,563	11,625	62
55 to 64 years.....	21,204	21,756	552	10,013	10,151	138	11,191	11,605	414
65 years and over.....	24,380	24,850	470	10,027	10,170	143	14,353	14,680	327
Civilian labor force									
Total, 16 years and over.....	106,393	108,670	2,277	60,633	61,974	1,341	45,760	46,696	936
16 to 19 years.....	8,848	8,988	140	4,688	4,777	89	4,160	4,211	51
20 to 24 years.....	15,543	16,099	556	8,320	8,648	328	7,224	7,451	227
25 to 34 years.....	29,306	30,392	1,086	16,819	17,479	660	12,487	12,912	425
35 to 44 years.....	20,969	21,211	242	11,950	12,166	216	9,019	9,045	26
45 to 54 years.....	16,985	16,970	-15	9,916	9,868	-48	7,069	7,101	32
55 to 64 years.....	11,734	11,969	235	7,090	7,170	80	4,644	4,799	155
65 years and over.....	3,008	3,042	34	1,850	1,866	16	1,158	1,176	18
Employed									
Total, 16 years and over.....	98,313	100,397	2,084	56,168	57,397	1,229	42,145	43,000	855
16 to 19 years.....	7,115	7,225	110	3,744	3,815	71	3,371	3,411	40
20 to 24 years.....	13,638	14,122	484	7,220	7,504	284	6,419	6,618	199
25 to 34 years.....	27,174	28,180	1,006	15,650	16,266	616	11,523	11,914	391
35 to 44 years.....	19,909	20,145	236	11,405	11,613	208	8,504	8,532	28
45 to 54 years.....	16,268	16,255	-13	9,522	9,478	-44	6,746	6,777	31
55 to 64 years.....	11,298	11,525	227	6,832	6,909	77	4,465	4,616	151
65 years and over.....	2,911	2,945	34	1,795	1,812	17	1,116	1,133	17
Agriculture									
Total, 16 years and over.....	3,312	3,368	56	2,654	2,700	46	657	667	10
16 to 19 years.....	375	380	5	312	317	5	63	63	0
20 to 24 years.....	421	435	14	348	359	11	74	76	2
25 to 34 years.....	661	684	23	520	539	19	142	146	4
35 to 44 years.....	543	547	4	401	406	5	142	141	-1
45 to 54 years.....	510	508	-2	393	391	-2	117	117	0
55 to 64 years.....	500	510	10	413	420	7	86	90	4
65 years and over.....	301	304	3	267	269	2	34	35	1
Nonagricultural industries									
Total, 16 years and over.....	95,001	97,030	2,029	53,514	54,697	1,183	41,487	42,333	846
16 to 19 years.....	6,740	6,845	105	3,432	3,498	66	3,309	3,347	38
20 to 24 years.....	13,217	13,687	470	6,872	7,145	273	6,345	6,542	197
25 to 34 years.....	26,512	27,496	984	15,131	15,727	596	11,382	11,768	386
35 to 44 years.....	19,366	19,598	232	11,004	11,207	203	8,363	8,391	28
45 to 54 years.....	15,758	15,747	-11	9,129	9,087	-42	6,628	6,660	32
55 to 64 years.....	10,798	11,015	217	6,419	6,489	70	4,379	4,526	147
65 years and over.....	2,610	2,641	31	1,528	1,543	15	1,082	1,098	16
Unemployed									
Total, 16 years and over.....	8,080	8,273	193	4,465	4,577	112	3,615	3,696	81
16 to 19 years.....	1,733	1,763	30	944	962	18	789	800	11
20 to 24 years.....	1,905	1,976	71	1,100	1,144	44	805	833	28
25 to 34 years.....	2,132	2,211	79	1,169	1,213	44	963	998	35
35 to 44 years.....	1,059	1,065	6	545	552	7	514	513	-1
45 to 54 years.....	717	715	-2	394	390	-4	323	325	2
55 to 64 years.....	436	444	8	258	261	3	178	184	6
65 years and over.....	97	98	1	55	55	0	42	43	1
Unemployment rate									
Total, 16 years and over.....	7.6	7.6	0	7.4	7.4	0	7.9	7.9	0
16 to 19 years.....	19.6	19.6	0	20.1	20.1	0	19.0	19.0	0
20 to 24 years.....	12.3	12.3	0	13.2	13.2	0	11.1	11.2	0.1
25 to 34 years.....	7.3	7.3	0	6.9	6.9	0	7.7	7.7	0
35 to 44 years.....	5.1	5.0	-0.1	4.6	4.5	-0.1	5.7	5.7	0
45 to 54 years.....	4.2	4.2	0	4.0	4.0	0	4.6	4.6	0
55 to 64 years.....	3.7	3.7	0	3.6	3.6	0	3.8	3.8	0
65 years and over.....	3.2	3.2	0	3.0	2.9	-0.1	3.6	3.6	0

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages--Continued

(Numbers in thousands)

Labor force status and age	White								
	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over.....	145,379	147,908	2,529	69,311	70,480	1,169	76,068	77,428	1,360
16 to 19 years.....	13,347	13,516	169	6,676	6,764	88	6,671	6,752	81
20 to 24 years.....	17,137	17,609	472	8,399	8,644	245	8,737	8,965	228
25 to 34 years.....	31,473	32,367	894	15,524	16,005	481	15,949	16,362	413
35 to 44 years.....	22,732	22,778	46	11,089	11,171	82	11,643	11,606	-37
45 to 54 years.....	19,661	19,666	5	9,587	9,560	-27	10,074	10,106	32
55 to 64 years.....	19,032	19,485	453	9,021	9,139	118	10,010	10,346	336
65 years and over.....	21,998	22,487	489	9,015	9,195	180	12,983	13,292	309
Civilian labor force									
Total, 16 years and over.....	93,586	95,052	1,466	54,027	54,895	868	39,559	40,157	598
16 to 19 years.....	7,881	7,962	81	4,174	4,224	50	3,707	3,739	32
20 to 24 years.....	13,549	13,926	377	7,304	7,521	217	6,245	6,406	161
25 to 34 years.....	25,470	26,208	738	14,881	15,340	459	10,589	10,868	279
35 to 44 years.....	18,390	18,445	55	10,661	10,740	79	7,730	7,704	-26
45 to 54 years.....	15,008	14,993	-15	8,865	8,836	-29	6,143	6,157	14
55 to 64 years.....	10,577	10,774	187	6,463	6,530	67	4,114	4,235	121
65 years and over.....	2,711	2,753	42	1,680	1,704	24	1,031	1,049	18
Employed									
Total, 16 years and over.....	87,340	88,709	1,369	50,504	51,315	811	36,836	37,394	558
16 to 19 years.....	6,520	6,588	68	3,426	3,469	43	3,094	3,119	25
20 to 24 years.....	12,137	12,477	340	6,457	6,652	195	5,680	5,826	146
25 to 34 years.....	23,855	24,551	696	13,963	14,398	435	9,892	10,153	261
35 to 44 years.....	17,561	17,617	56	10,228	10,307	79	7,333	7,311	-22
45 to 54 years.....	14,429	14,414	-15	8,546	8,518	-28	5,882	5,896	14
55 to 64 years.....	10,204	10,386	182	6,244	6,309	65	3,959	4,077	118
65 years and over.....	2,635	2,676	41	1,639	1,662	23	996	1,013	17
Agriculture									
Total, 16 years and over.....	3,073	3,109	36	2,452	2,481	29	622	628	6
16 to 19 years.....	356	359	3	296	299	3	60	60	0
20 to 24 years.....	397	408	11	327	336	9	70	72	2
25 to 34 years.....	619	634	15	484	497	13	135	138	3
35 to 44 years.....	500	500	0	366	367	1	134	133	-1
45 to 54 years.....	467	464	-3	358	356	-2	109	109	0
55 to 64 years.....	461	467	6	379	382	3	82	85	3
65 years and over.....	273	277	4	242	245	3	31	32	1
Nonagricultural industries									
Total, 16 years and over.....	84,267	85,600	1,333	48,052	48,833	781	36,214	36,767	553
16 to 19 years.....	6,164	6,229	65	3,130	3,170	40	3,034	3,059	25
20 to 24 years.....	11,739	12,069	330	6,130	6,315	185	5,610	5,754	144
25 to 34 years.....	23,237	23,916	679	13,480	13,901	421	9,757	10,015	258
35 to 44 years.....	17,061	17,118	57	9,862	9,940	78	7,199	7,178	-21
45 to 54 years.....	13,961	13,950	-11	8,189	8,163	-26	5,773	5,787	14
55 to 64 years.....	9,743	9,919	176	5,865	5,927	62	3,877	3,992	115
65 years and over.....	2,362	2,399	37	1,397	1,418	21	965	982	17
Unemployed									
Total, 16 years and over.....	6,246	6,343	97	3,523	3,580	57	2,723	2,762	39
16 to 19 years.....	1,361	1,374	13	747	755	8	614	620	6
20 to 24 years.....	1,412	1,449	37	847	869	22	565	580	15
25 to 34 years.....	1,615	1,658	43	918	943	25	697	715	18
35 to 44 years.....	829	827	-2	433	433	0	397	394	-3
45 to 54 years.....	579	578	-1	318	317	-1	261	261	0
55 to 64 years.....	373	379	6	219	221	2	154	158	4
65 years and over.....	76	77	1	41	42	1	35	36	1
Unemployment rate									
Total, 16 years and over.....	6.7	6.7	0	6.5	6.5	0	6.9	6.9	0
16 to 19 years.....	17.3	17.3	0	17.9	17.9	0	16.6	16.6	0
20 to 24 years.....	10.4	10.4	0	11.6	11.6	0	9.1	9.1	0
25 to 34 years.....	6.3	6.3	0	6.2	6.1	-0.1	6.6	6.6	0
35 to 44 years.....	4.5	4.5	0	4.1	4.0	-0.1	5.1	5.1	0
45 to 54 years.....	3.9	3.9	0	3.6	3.6	0	4.2	4.2	0
55 to 64 years.....	3.5	3.5	0	3.4	3.4	0	3.8	3.7	-0.1
65 years and over.....	2.8	2.8	0	2.4	2.4	0	3.4	3.4	0

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages--Continued

(Numbers in thousands)

Labor force status and age	Black and other								
	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over.....	21,057	22,322	1,165	9,458	10,032	574	11,599	12,190	591
16 to 19 years.....	2,558	2,697	139	1,245	1,328	83	1,313	1,369	56
20 to 24 years.....	2,945	3,211	266	1,318	1,471	153	1,627	1,740	113
25 to 34 years.....	4,961	5,410	449	2,192	2,422	230	2,768	2,988	220
35 to 44 years.....	3,289	3,513	224	1,439	1,587	148	1,850	1,926	76
45 to 54 years.....	2,751	2,756	5	1,261	1,237	-24	1,490	1,519	29
55 to 64 years.....	2,172	2,271	99	991	1,012	21	1,181	1,259	78
65 years and over.....	2,382	2,363	-19	1,012	974	-38	1,370	1,388	18
Civilian labor force									
Total, 16 years and over.....	12,807	13,618	811	6,606	7,079	473	6,201	6,539	338
16 to 19 years.....	967	1,025	58	515	553	38	453	472	19
20 to 24 years.....	1,994	2,173	179	1,016	1,127	111	978	1,045	67
25 to 34 years.....	3,835	4,183	348	1,938	2,139	201	1,898	2,045	147
35 to 44 years.....	2,579	2,766	187	1,289	1,425	136	1,289	1,341	52
45 to 54 years.....	1,978	1,977	-1	1,052	1,032	-20	926	944	18
55 to 64 years.....	1,157	1,205	48	626	640	14	530	565	35
65 years and over.....	297	289	-8	170	162	-8	127	127	0
Employed									
Total, 16 years and over.....	10,973	11,688	715	5,664	6,083	419	5,309	5,606	297
16 to 19 years.....	595	637	42	318	346	28	278	291	13
20 to 24 years.....	1,502	1,645	143	763	853	90	739	793	54
25 to 34 years.....	3,318	3,630	312	1,687	1,868	181	1,632	1,761	129
35 to 44 years.....	2,348	2,528	180	1,177	1,307	130	1,171	1,221	50
45 to 54 years.....	1,839	1,840	1	976	959	-17	864	881	17
55 to 64 years.....	1,094	1,139	45	588	600	12	506	539	33
65 years and over.....	276	269	-7	156	149	-7	120	120	0
Agriculture									
Total, 16 years and over.....	239	259	20	203	219	16	36	40	4
16 to 19 years.....	19	21	2	16	18	2	3	3	0
20 to 24 years.....	24	27	3	20	23	3	4	4	0
25 to 34 years.....	43	50	7	36	42	6	7	8	1
35 to 44 years.....	43	47	4	35	39	4	8	8	0
45 to 54 years.....	43	44	1	35	35	0	8	8	0
55 to 64 years.....	39	43	4	35	38	3	4	5	1
65 years and over.....	28	27	-1	25	24	-1	3	3	0
Nonagricultural industries									
Total, 16 years and over.....	10,735	11,429	694	5,461	5,864	403	5,273	5,566	293
16 to 19 years.....	576	616	40	302	328	26	275	288	13
20 to 24 years.....	1,478	1,619	141	742	830	88	735	789	54
25 to 34 years.....	3,276	3,580	304	1,651	1,827	176	1,625	1,753	128
35 to 44 years.....	2,306	2,481	175	1,142	1,267	125	1,164	1,213	49
45 to 54 years.....	1,796	1,796	0	941	924	-17	856	872	16
55 to 64 years.....	1,055	1,096	41	553	562	9	502	534	32
65 years and over.....	248	242	-6	131	125	-6	117	117	0
Unemployed									
Total, 16 years and over.....	1,833	1,930	97	942	997	55	892	933	41
16 to 19 years.....	372	388	16	197	208	11	175	181	6
20 to 24 years.....	493	527	34	253	274	21	239	253	14
25 to 34 years.....	517	554	37	251	270	19	266	284	18
35 to 44 years.....	230	238	8	112	119	7	118	119	1
45 to 54 years.....	138	137	-1	76	73	-3	62	64	2
55 to 64 years.....	63	66	3	38	40	2	24	26	2
65 years and over.....	21	20	-1	14	13	-1	7	7	0
Unemployment rate									
Total, 16 years and over.....	14.3	14.2	-0.1	14.3	14.1	-0.2	14.4	14.3	-0.1
16 to 19 years.....	38.4	37.8	-0.6	38.3	37.5	-0.8	38.6	38.3	-0.3
20 to 24 years.....	24.7	24.3	-0.4	24.9	24.4	-0.5	24.5	24.2	-0.3
25 to 34 years.....	13.5	13.2	-0.3	13.0	12.6	-0.4	14.0	13.9	-0.1
35 to 44 years.....	8.9	8.6	-0.3	8.7	8.3	-0.4	9.1	8.9	-0.2
45 to 54 years.....	7.0	6.9	-0.1	7.2	7.1	-0.1	6.7	6.7	0
55 to 64 years.....	5.4	5.5	0.1	6.1	6.2	0.1	4.5	4.6	0.1
65 years and over.....	7.1	7.0	-0.1	8.1	8.0	-0.1	5.8	5.7	-0.1

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages--Continued

(Numbers in thousands)

Labor force status and age	Black								
	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over.....	17,808	18,219	411	7,977	8,117	140	9,831	10,102	271
16 to 19 years.....	2,227	2,288	61	1,078	1,110	32	1,149	1,178	29
20 to 24 years.....	2,499	2,642	143	1,108	1,189	81	1,391	1,453	62
25 to 34 years.....	4,073	4,290	217	1,800	1,914	114	2,272	2,376	104
35 to 44 years.....	2,755	2,758	3	1,213	1,223	10	1,542	1,534	-8
45 to 54 years.....	2,308	2,260	-48	1,068	1,003	-65	1,240	1,257	17
55 to 64 years.....	1,887	1,913	26	860	844	-16	1,028	1,069	41
65 years and over.....	2,060	2,069	9	851	834	-17	1,209	1,234	25
Civilian labor force									
Total, 16 years and over.....	10,810	11,086	276	5,559	5,684	125	5,251	5,401	150
16 to 19 years.....	834	862	28	444	462	18	389	400	11
20 to 24 years.....	1,724	1,828	104	876	941	65	847	888	41
25 to 34 years.....	3,189	3,365	176	1,601	1,702	101	1,588	1,663	75
35 to 44 years.....	2,158	2,164	6	1,083	1,093	10	1,075	1,071	-4
45 to 54 years.....	1,651	1,608	-43	882	829	-53	769	779	10
55 to 64 years.....	1,000	1,009	9	535	524	-11	465	485	20
65 years and over.....	254	249	-5	138	134	-4	117	115	-2
Employed									
Total, 16 years and over.....	9,134	9,355	221	4,697	4,794	97	4,437	4,561	124
16 to 19 years.....	487	505	18	263	274	11	225	232	7
20 to 24 years.....	1,266	1,346	80	643	693	50	623	653	30
25 to 34 years.....	2,720	2,872	152	1,368	1,457	89	1,351	1,415	64
35 to 44 years.....	1,951	1,957	6	982	991	9	969	966	-3
45 to 54 years.....	1,528	1,489	-39	812	764	-48	716	725	9
55 to 64 years.....	945	954	9	502	492	-10	444	462	18
65 years and over.....	237	231	-6	127	123	-4	110	108	-2
Agriculture									
Total, 16 years and over.....	177	184	7	156	162	6	21	22	1
16 to 19 years.....	16	17	1	13	14	1	3	3	0
20 to 24 years.....	18	20	2	16	17	1	2	3	1
25 to 34 years.....	29	32	3	25	28	3	3	4	1
35 to 44 years.....	36	38	2	31	32	1	6	6	0
45 to 54 years.....	34	33	-1	30	30	0	3	3	0
55 to 64 years.....	25	26	1	23	24	1	2	2	0
65 years and over.....	19	19	0	18	17	-1	2	2	0
Nonagricultural industries									
Total, 16 years and over.....	8,957	9,171	214	4,541	4,632	91	4,416	4,539	123
16 to 19 years.....	472	489	17	250	260	10	222	229	7
20 to 24 years.....	1,248	1,326	78	628	675	47	621	650	29
25 to 34 years.....	2,691	2,840	149	1,343	1,429	86	1,348	1,411	63
35 to 44 years.....	1,914	1,919	5	951	959	8	963	960	-3
45 to 54 years.....	1,494	1,456	-38	782	735	-47	712	722	10
55 to 64 years.....	920	928	8	478	468	-10	442	460	18
65 years and over.....	217	212	-5	109	106	-3	108	106	-2
Unemployed									
Total, 16 years and over.....	1,676	1,731	55	861	891	30	814	840	26
16 to 19 years.....	346	357	11	182	188	6	165	169	4
20 to 24 years.....	457	483	26	233	248	15	225	235	10
25 to 34 years.....	469	493	24	232	245	13	237	248	11
35 to 44 years.....	208	207	-1	101	101	0	106	105	-1
45 to 54 years.....	123	119	-4	70	65	-5	54	54	0
55 to 64 years.....	55	55	0	33	33	0	22	23	1
65 years and over.....	18	17	-1	11	11	0	7	7	0
Unemployment rate									
Total, 16 years and over.....	15.5	15.6	0.1	15.5	15.7	-0.2	15.5	15.6	0.1
16 to 19 years.....	41.5	41.4	-1	40.9	40.7	-2	42.3	42.2	-1
20 to 24 years.....	26.5	26.4	-1	26.6	26.4	-2	26.5	26.4	-1
25 to 34 years.....	14.7	14.7	0	14.5	14.4	-1	14.9	14.9	0
35 to 44 years.....	9.6	9.5	-1	9.4	9.3	-1	9.9	9.8	-1
45 to 54 years.....	7.5	7.4	-1	7.9	7.8	-1	7.0	6.9	-1
55 to 64 years.....	5.5	5.5	0	6.2	6.2	0	4.7	4.7	0
65 years and over.....	7.0	7.0	0	7.9	7.9	0	6.0	6.0	0

Table 1. Labor force status of the noninstitutional population by age, sex, race, and Hispanic origin using 1970 and 1980 census population estimates, 1981 annual averages--Continued

(Numbers in thousands)

Labor force status and age	Hispanic origin								
	Total			Males			Females		
	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference	1970 base	1980 base	Net difference
Civilian noninstitutional population									
Total, 16 years and over.....	8,970	9,310	340	4,341	4,511	170	4,629	4,798	169
16 to 19 years.....	1,139	1,176	37	578	597	19	561	579	18
20 to 24 years.....	1,410	1,478	68	709	743	34	702	735	33
25 to 34 years.....	2,412	2,527	115	1,168	1,228	60	1,244	1,299	55
35 to 44 years.....	1,562	1,597	35	737	758	21	826	839	13
45 to 54 years.....	1,127	1,149	22	537	546	9	590	603	13
55 to 64 years.....	740	774	34	352	364	12	388	411	23
65 years and over.....	580	608	28	262	275	13	317	333	16
Civilian labor force									
Total, 16 years and over.....	5,750	5,972	222	3,505	3,644	139	2,245	2,328	83
16 to 19 years.....	527	545	18	312	323	11	215	222	7
20 to 24 years.....	1,048	1,100	52	630	662	32	418	439	21
25 to 34 years.....	1,794	1,884	90	1,098	1,155	57	696	729	33
35 to 44 years.....	1,147	1,175	28	684	704	20	463	471	8
45 to 54 years.....	796	812	16	486	495	9	310	317	7
55 to 64 years.....	372	387	15	247	255	8	125	132	7
65 years and over.....	66	69	3	48	50	2	18	19	1
Employed									
Total, 16 years and over.....	5,148	5,348	200	3,147	3,273	126	2,001	2,076	75
16 to 19 years.....	400	414	14	236	244	8	164	170	6
20 to 24 years.....	901	947	46	540	568	28	361	379	18
25 to 34 years.....	1,634	1,717	83	999	1,052	53	635	665	30
35 to 44 years.....	1,061	1,088	27	639	658	19	421	429	8
45 to 54 years.....	745	759	14	457	465	8	288	294	6
55 to 64 years.....	345	359	14	230	238	8	114	121	7
65 years and over.....	62	65	3	44	47	3	18	18	0
Agriculture									
Total, 16 years and over.....	241	251	10	201	209	8	40	42	2
16 to 19 years.....	27	28	1	20	21	1	7	7	0
20 to 24 years.....	46	48	2	38	40	2	8	8	0
25 to 34 years.....	66	70	4	57	60	3	10	10	0
35 to 44 years.....	44	45	1	36	37	1	8	8	0
45 to 54 years.....	31	32	1	27	27	0	4	4	0
55 to 64 years.....	20	21	1	18	18	0	3	3	0
65 years and over.....	7	8	1	6	7	1	1	1	0
Nonagricultural industries									
Total, 16 years and over.....	4,907	5,097	190	2,946	3,063	117	1,961	2,034	73
16 to 19 years.....	373	386	13	216	223	7	157	163	6
20 to 24 years.....	856	899	43	502	528	26	353	371	18
25 to 34 years.....	1,568	1,647	79	443	492	49	625	655	30
35 to 44 years.....	1,017	1,043	26	604	622	18	413	421	8
45 to 54 years.....	714	728	14	430	438	8	284	290	6
55 to 64 years.....	325	338	13	213	220	7	112	118	6
65 years and over.....	55	57	2	38	40	2	17	17	0
Unemployed									
Total, 16 years and over.....	602	624	22	358	371	13	244	252	8
16 to 19 years.....	127	131	4	76	78	2	51	52	1
20 to 24 years.....	147	154	7	90	94	4	57	60	3
25 to 34 years.....	160	167	7	99	103	4	61	64	3
35 to 44 years.....	86	88	2	45	46	1	41	42	1
45 to 54 years.....	51	52	1	29	29	0	22	23	1
55 to 64 years.....	27	28	1	16	17	1	11	11	0
65 years and over.....	4	4	0	3	4	1	0	0	0
Unemployment rate									
Total, 16 years and over.....	10.5	10.4	-0.1	10.2	10.2	0	10.9	10.8	-0.1
16 to 19 years.....	24.1	24.0	-.1	24.3	24.3	0	23.6	23.5	-.1
20 to 24 years.....	14.0	14.0	0	14.2	14.2	0	13.7	13.6	-.1
25 to 34 years.....	8.9	8.9	0	9.0	9.0	0	8.8	8.8	0
35 to 44 years.....	7.5	7.5	0	6.5	6.5	0	8.9	8.9	0
45 to 54 years.....	6.4	6.4	0	6.0	5.9	-0.1	7.2	7.2	0
55 to 64 years.....	7.3	7.3	0	6.7	6.6	-.1	8.6	8.6	0
65 years and over.....	5.8	5.8	0	7.1	7.2	.1	2.3	2.0	-.3

Revision of Seasonally Adjusted Labor Force Series

*Robert J. McIntire

At the beginning of each year, BLS revises its seasonally adjusted labor force estimates for the most recent 5-year period. These revisions customarily reflect just the inclusion of another year's data in the seasonal adjustment process, which allows improved estimation of current and recent seasonality in these time series.

This year, however, a much more extensive revision has been carried out. For the first time, the unadjusted labor force estimates have been "rebenchmarked" to the population counts from a new decennial census. (A separate article in this issue discusses these rebenchmarking revisions in detail.) Unadjusted observations for all labor force series involved in deriving seasonally adjusted estimates have been revised back to May 1970 (the month following the previous decennial census). Therefore, it was necessary to revise all seasonally adjusted labor force series for a similar period, and revisions have accordingly been generated for the full 12-year period 1970-81. This issue contains the revised data for all 12 years for 365 labor force series. The monthly labor force data (tables A-33 through A-42) also reflect the revisions.

In addition, this issue provides the new seasonal factors to be used during the first 6 months of 1982 for the current seasonal adjustment of the 12 component series of the overall civilian labor force and the overall unemployment rate (see table 3 at the end of this article). The factors for the last 6 months of 1982 will be calculated in early July, based on data through June 1982, and will be published in the July issue of this publication.

Effects of the revisions

The methodology for the "rebenchmarking" procedure was designed to minimize disturbance to the seasonal components of the labor force time series. Initial review of the results of this year's seasonal adjustment process indicates that this objective was achieved: There was little change in the estimates of most seasonal components during the first two-thirds of the 12-year period subject to revision; and the changes to the estimates of seasonality in the most recent part of the

period were primarily due to the usual improvement realized by incorporating an extra year of data (1981 in this case) into the estimation process.

Although the rebenchmarking process and the new census weighting procedures underlying the revised 1981 data substantially changed the trend levels of series that are weighted person counts, especially in the latter part of the period, the seasonal components were not significantly affected. A more thorough review of the effects of the new weighting procedure, especially on data tabulated by race, is planned as more data are accumulated.

It is difficult to compare the revised seasonally adjusted estimates with the initial estimates for 1981 for series which are *person* counts, but the comparison is straightforward for *rates*, where the trend revisions affected numerator and denominator almost equally. Table 1 summarizes the effects of the revisions on the overall unemployment rate, the most prominent labor force series, during 1981. The rate was revised for 8 of the 12 months. In all cases except for July, when the rate increased by 0.2 percentage point, the change only amounted to an increase or decrease of 0.1 percentage point. The revised rates are noticeably smoother than the rates as originally published, especially the month-to-month changes from April through August. But the

Table 1. Seasonally adjusted unemployment rates, 1981, and change due to revision

Month	As published during 1981	As revised	Change due to revision
January . . .	7.4	7.4	0
February . . .	7.3	7.4	0.1
March . . .	7.3	7.3	0
April . . .	7.3	7.3	0
May . . .	7.6	7.5	-.1
June . . .	7.3	7.4	.1
July . . .	7.0	7.2	.2
August . . .	7.2	7.3	.1
September . . .	7.5	7.6	.1
October . . .	8.0	8.0	0
November . . .	8.4	8.3	-.1
December . . .	8.9	8.8	-.1

* Robert J. McIntire is an economist and Chief of the Data Services Group in the Office of Current Employment Analysis, Bureau of Labor Statistics.

revisions did not alter the timing of the significant upward shift in the last months nor the pattern for the year as a whole.

Adjustment methods and procedures

Through most of the 1970's, the Census Bureau's X-11 method¹ was used for seasonal adjustment of labor force series. At the end of 1979, the X-11 ARIMA procedure,² developed by Statistics Canada as an extension of the X-11 method, was adopted as the official seasonal adjustment procedure. The switch was made after extensive tests had shown that initial seasonally adjusted estimates were, on average, better (came closer to later revisions) with the X-11 ARIMA than with the X-11 alone. Its use for seasonal adjustment of labor force data at the BLS was also consistent with the recommendations in the final report of the National Commission on Employment and Unemployment Statistics.³

The X-11 ARIMA method improves current estimates by allowing recent observations, especially the last 6 months, to weigh more heavily in the estimates of current and recent seasonal factors than did the X-11 alone. The method provides this improvement through the use of ARIMA models to extend the data series by 12 months. The X-11 algorithm for seasonal adjustment is applied to the extended series. The addition of projected observations at the end of the series allows the actual observations from the most recent year to make a stronger contribution to estimates of current and recent seasonality than they could with the old X-11 method.

ARIMA projections are based only on the past experience observed in a series itself. ARIMA models have proven to have good properties for short-term projection or extrapolation of a large class of time series, especially in a seasonal adjustment context, since the extrapolations tend to track intra-year movements quite well. The ARIMA models in the X-11 ARIMA program used to seasonally adjust the labor force series are of the Box-Jenkins type.⁴ They can generally be described with the notation

(p, d, q) (P, D, Q) TRANSFORMATION,

where:

- (1) p is the number of regular (nonseasonal) auto-regressive parameters
- (2) d is the number of regular differences
- (3) q is the number of regular moving average parameters
- (4) P is the number of seasonal auto-regressive parameters
- (5) D is the number of seasonal differences
- (6) Q is the number of seasonal moving average parameters
- (7) TRANSFORMATION may be NONE, LOG, or POWER (n).

While the lettered elements within the parentheses of the model specification can theoretically take on many values, in practice only small values are useful.

For each labor force series which has been extended based on an ARIMA model, the model has been specifically chosen as well suited to the particular series, based on a set of established criteria. The criteria essentially require a model to: (1) fit the series well, (2) have low average forecasting errors in the last 3 years prior to the projected year, and (3) produce residuals (the differences between the observed values and the values forecast by the model) which follow a random pattern. Acceptable ARIMA models have been identified and used for 167 of the 222 labor force series which were directly seasonally adjusted at the end of 1981, including all 12 major labor force components, whose models are identified in table 2. The 55 remaining series for which models have not yet been identified were simply adjusted with the X-11 part of the program, essentially the same way they have been adjusted for several years. BLS will continue to test and evaluate ARIMA models for all 222 series and for any series that may be selected in the future for direct seasonal adjustment.

Table 2. ARIMA models for the 12 major labor force components, 1982

Series	Model	Transformation
Agricultural employment:		
Males, 20 years and over . . .	(0,1,4) (0,1,1)	NONE
Females, 20 years and over . . .	(0,1,2) (0,1,1)	LOG
Males, 16-19 years	(0,1,2) (0,1,1)	NONE
Females, 16-19 years	(2,0,1) (0,1,1)	NONE
Nonagricultural employment:		
Males, 20 years and over	(0,1,1) (0,1,1)	LOG
Females, 20 years and over	(0,1,1) (0,1,1)	LOG
Males, 16-19 years	(0,1,1) (0,1,1)	NONE
Females, 16-19 years	(0,1,1) (0,1,1)	NONE
Unemployment:		
Males, 20 years and over	(2,1,2) (0,1,1)	NONE
Females, 20 years and over	(0,2,2) (0,1,1)	LOG
Males, 16-19 years	(0,1,1) (0,1,1)	NONE
Females, 16-19 years	(2,0,2) (0,1,1)	LOG

The procedures used for adjusting the labor force series within the X-11 part of the process are the same as those followed for the last 3 years. The X-11 method assumes that the original series is either the product or the sum of three components—trend-cycle, seasonal,

¹ The X-11 method is described in *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, by Julius Shiskin, Alan Young, and John Musgrave (Technical Paper No. 15, Bureau of the Census, 1967).

² ARIMA is an acronym for Auto-Regressive Integrated Moving Average. The primary documentation for the X-11 ARIMA procedure is in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum (Statistics Canada Catalogue No. 12-564E, February 1980).

³ National Commission on Employment and Unemployment Statistics, *Counting the Labor Force* (U.S. Government Printing Office, 1979).

⁴ For more detailed discussion of ARIMA models, refer to the previously cited Dagum (1980) and to: Box, G.E.P. and Jenkins, G.M., *Time Series Analysis Forecasting and Control* (San Francisco, Holden Day, 1970); and Granger C.W.J. and Newbold, P., *Forecasting Economic Time Series* (New York, Academic Press, 1977).

and irregular. The method uses either a ratio-to- or difference-from-moving-average approach to estimate the components, depending upon whether the multiplicative or additive model is assumed. The seasonally adjusted series values are computed by dividing each month's original value by the corresponding seasonal factor if the multiplicative model is used, or by subtracting the factor from the original value if the additive model is used. Of the 12 major labor force components, the four teenage unemployment and nonagricultural employment series were adjusted using the additive model, and the other eight series with the multiplicative model. Of all 222 adjusted series, 40 were adjusted with the additive model, primarily those involving teenage employment and unemployment. As with the ARIMA models, the selection of these seasonal adjustment models is subject to an ongoing program of testing and evaluation.

To correct for the effects of the sudden large rise in adult male unemployment in late 1974 and early 1975, a "prior adjustment" to the major component series for unemployed men 20 years and over was introduced 4 years ago and is retained in the current procedures. It was discussed in some detail in the February 1978 issue of *Employment and Earnings*.³ The adjustment is carried out after ARIMA extrapolation of the series but before actual seasonal adjustment, by multiplying all values of the extended series prior to November 1974 by a constant of 1.5. While this adjustment has essentially no effect on current factors and recent revisions, it played an important role in stabilizing the factor estimation process for much of the 12-year period which was being revised this year and so was retained in this year's seasonal adjustment process. On the assumption that the revision period will revert to a 5-year time frame next year, this particular prior adjustment will probably be dropped after this year, since it will no longer have any significant impact on the years being revised. The technique will, however, be considered for use again with a major labor force series if similar sudden shifts show evidence of distorting the seasonal adjustment estimation process.

For most of the directly adjusted labor force series, the new seasonally adjusted estimates are based on data beginning with January 1967. Some of the adjusted series, however, are not available this far back. In those cases, the full span of available data was used, and, because of the 12-year period being revised, the "backcasting" capability of the X-11 ARIMA program was used in addition to the forecasting capability, thus extending those series at both ends. As with the prior adjustment discussed above, it should be possible to drop all use of the backcasting option for all these labor force series when the revision span reverts to a 5-year period.

Aggregation procedures

BLS maintains and publishes several hundred seasonally adjusted labor force time series in addition to the 222 directly adjusted series discussed above. The additional series are produced by arithmetically combining or aggregating the directly adjusted series. For example, the seasonally adjusted levels of total unemployment, employment, and civilian labor force, and the seasonally adjusted unemployment rate are all produced by aggregation of the seasonally adjusted results for the 12 major labor force component series. The seasonally adjusted level of total unemployment is the sum of the seasonally adjusted levels of unemployment for the four sex-age groups—men and women 16-19, and men and women 20 years and over. Seasonally adjusted employment is the sum of the seasonally adjusted levels of employment for eight sex-age-industry groups—men and women 16-19, and men and women 20 years and over, employed in nonagricultural and agricultural industries. The seasonally adjusted civilian labor force is the sum of all 12 components. Finally, the seasonally adjusted overall unemployment rate is calculated by taking the total seasonally adjusted unemployment level as a percent of the total seasonally adjusted civilian labor force.

Availability of revised series

Many of the revised seasonally adjusted series are being published in this issue of *Employment and Earnings*. Additional data for any of the several hundred seasonally adjusted labor force series may be obtained from BLS upon request. Inquiries should be addressed to the Division of Employment and Unemployment Analysis, Office of Current Employment Analysis, Bureau of Labor Statistics, Washington, D.C. 20212.

These series and many more are available on magnetic tape, which can be purchased from the Bureau of Labor Statistics. A brief discussion of the machine-readable data and a form which can be used to order the data file (as well as other BLS data files) are contained in BLS Report 620, *BLS Machine-Readable Data and Tabulating Routines*. The current price for the Labor Force File is \$200. Orders should be sent to the Division of Planning and Financial Management, Bureau of Labor Statistics, Washington, D.C. 20212.

Persons wishing more information concerning the seasonal adjustment methodology discussed in this article or the content of the Labor Force File should address their inquiries to the Data Services Group, Office of Current Employment Analysis, Bureau of Labor Statistics Washington, D.C. 20212.

³ Thomas J. Plewes, "Revision of Seasonally Adjusted Labor Force Series, *Employment and Earnings*, February 1978, pp. 11-14.

Table 3. Current seasonal adjustment factors for the 12 major labor force components, January-June 1982

Procedure and series	January	February	March	April	May	June
Multiplicative Adjustment (Divide factor into original value)						
Agricultural employment:						
Males, 20 years and over . . .	0.905	0.909	0.923	0.979	1.020	1.062
Females, 20 years and over . . .	0.754	0.758	0.826	0.917	1.047	1.216
Males, 16-19 years . . .	0.623	0.596	0.742	0.895	1.053	1.503
Females, 16-19 . . .	0.604	0.479	0.649	0.816	1.070	1.622
Nonagricultural employment:						
Males, 20 years and over . . .	0.987	0.987	0.992	0.996	1.000	1.007
Females, 20 years and over . . .	1.000	1.005	1.008	1.007	1.001	0.984
Unemployment:						
Males, 20 years and over . . .	1.172	1.174	1.136	1.023	0.950	0.975
Females, 20 years and over . . .	1.053	1.020	0.974	0.928	0.944	1.003
Additive Adjustment (Subtract factor from original value)						
Nonagricultural employment:						
Males, 16-19 years . . .	-327	-388	-277	-196	-121	485
Females, 16-19 years . . .	-235	-272	-268	-221	-179	258
Unemployment:						
Males, 16-19 years . . .	36	43	-23	-105	-115	272
Females, 16-19 years . . .	-59	-63	-70	-96	30	302

HOUSEHOLD DATA HISTORICAL

A-1. Employment status of the noninstitutional population 16 years and over, 1947 to date

(Numbers 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	
Annual averages										
1947.....	103,418	60,941	58.9	59,350	57,038	7,890	49,148	2,311	3.9	42,477
1948.....	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949.....	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950.....	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951.....	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952.....	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953.....	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954.....	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955.....	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956.....	113,811	69,409	61.0	66,552	63,799	6,283	57,514	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
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970.....	140,272	85,959	61.3	82,771	78,678	3,463	75,215	4,093	4.9	54,315
1971.....	143,033	87,198	61.0	84,382	79,367	3,394	75,972	5,016	5.9	55,834
1972.....	146,574	89,484	61.1	87,034	82,153	3,484	78,669	4,882	5.6	57,091
1973.....	149,423	91,756	61.4	89,429	85,064	3,470	81,594	4,365	4.9	57,667
1974.....	152,349	94,179	61.8	91,949	86,794	3,515	83,279	5,156	5.6	58,171
1975.....	155,333	95,955	61.8	93,775	85,846	3,408	82,438	7,929	8.5	59,377
1976.....	158,294	98,302	62.1	96,158	88,752	3,331	85,421	7,406	7.7	59,991
1977.....	161,166	101,142	62.8	99,009	92,017	3,283	88,734	6,991	7.1	60,025
1978.....	164,027	104,368	63.6	102,251	96,048	3,387	92,661	6,202	6.1	59,659
1979.....	166,951	107,050	64.1	104,962	98,824	3,347	95,477	6,137	5.8	59,900
1980.....	169,848	109,042	64.2	106,940	99,303	3,364	95,938	7,637	7.1	60,806
1981.....	172,272	110,812	64.3	108,670	100,397	3,368	97,030	8,273	7.6	61,460
Monthly data, seasonally adjusted¹										
1981:										
January..	171,229	110,048	64.3	107,923	99,901	3,445	96,456	8,022	7.4	61,181
February..	171,400	110,155	64.3	108,034	100,069	3,346	96,723	7,965	7.4	61,246
March.....	171,581	110,492	64.4	108,364	100,406	3,343	97,063	7,958	7.3	61,089
April.....	171,770	110,906	64.6	108,777	100,878	3,470	97,408	7,899	7.3	60,864
May.....	171,956	111,420	64.8	109,293	101,045	3,405	97,640	8,248	7.5	60,536
June.....	172,172	110,565	64.2	108,434	100,430	3,348	97,082	8,004	7.4	61,608
July.....	172,385	110,827	64.3	108,688	100,864	3,342	97,522	7,824	7.2	61,558
August....	172,559	110,978	64.3	108,818	100,840	3,404	97,436	7,978	7.3	61,581
September..	172,758	110,659	64.1	108,494	100,258	3,358	96,900	8,236	7.6	62,099
October...	172,966	111,170	64.3	109,012	100,343	3,378	96,965	8,669	8.0	61,797
November..	173,155	111,430	64.4	109,272	100,172	3,372	96,800	9,100	8.3	61,724
December..	173,330	111,348	64.2	109,184	99,613	3,209	96,404	9,571	8.8	61,982
1982:										
January..	173,495	111,038	64.0	108,879	99,581	3,411	96,170	9,298	8.5	62,456

¹ Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

² Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

NOTE: Effective with data for January 1982, population counts derived from the 1980 Decennial Census are incorporated into the estimation procedures used in the Current Population Survey. All data for 1981 have been revised based on the new census population estimates, and adjustments have been made in the major data series for 1980 back to 1970. Seasonally adjusted data have been revised back to 1970, based on the application of new seasonal adjustment factors which incorporate data through December 1981. For additional information, see "Revisions in the Current Population Survey Beginning in January 1982" and "Revision of Seasonally Adjusted Labor Force Series" in this issue.

HOUSEHOLD DATA HISTORICAL

A-2. Employment status of the noninstitutional population 16 years and over by sex, 1972 to date

(Numbers in thousands)

Sex, year, and month	Total noninsti- tutional popula- tion	Total labor force		Civilian labor force						Not in labor force
		Number	Percent of popula- tion	Total	Employed			Unemployed		
					Total	Agri- culture	Nonagri- cultural indus- tries	Number	Percent of labor force	
MALES										
Annual averages										
1972 ¹	70,241	55,961	79.7	53,555	50,896	2,849	48,047	2,659	5.0	14,280
1973 ¹	71,567	56,900	79.5	54,624	52,349	2,847	49,502	2,275	4.2	14,667
1974.....	72,971	57,902	79.3	55,739	53,024	2,919	50,105	2,714	4.9	15,069
1975.....	74,383	58,390	78.5	56,299	51,857	2,824	49,032	4,442	7.9	15,993
1976.....	75,798	59,212	78.1	57,174	53,138	2,744	50,394	4,036	7.1	16,585
1977.....	77,211	60,414	78.2	58,396	54,728	2,671	52,057	3,667	6.3	16,797
1978 ¹	78,569	61,613	78.4	59,620	56,479	2,718	53,761	3,142	5.3	16,956
1979.....	79,968	62,676	78.4	60,726	57,607	2,686	54,921	3,120	5.1	17,293
1980.....	81,341	63,396	77.9	61,453	57,186	2,709	54,477	4,267	6.9	17,945
1981.....	82,476	63,939	77.5	61,974	57,397	2,700	54,697	4,577	7.4	18,537
Monthly data, seasonally adjusted ²										
1981:										
January..	81,983	63,733	77.7	61,779	57,323	2,746	54,577	4,456	7.2	18,250
February..	82,062	63,700	77.6	61,750	57,331	2,651	54,680	4,419	7.2	18,362
March....	82,147	63,860	77.7	61,906	57,531	2,663	54,868	4,375	7.1	18,287
April....	82,236	64,047	77.9	62,092	57,792	2,790	55,002	4,300	6.9	18,188
May.....	82,324	64,317	78.1	62,364	57,793	2,728	55,065	4,571	7.3	18,007
June.....	82,428	63,647	77.2	61,694	57,279	2,704	54,575	4,415	7.2	18,781
July.....	82,529	63,771	77.3	61,811	57,640	2,696	54,944	4,171	6.7	18,758
August...	82,613	63,916	77.4	61,936	57,551	2,738	54,813	4,385	7.1	18,697
September	82,707	63,960	77.3	61,977	57,471	2,687	54,784	4,506	7.3	18,747
October..	82,807	64,040	77.3	62,064	57,266	2,715	54,551	4,798	7.7	18,767
November..	82,895	64,158	77.4	62,184	57,051	2,668	54,383	5,133	8.3	18,737
December..	82,978	64,283	77.5	62,303	56,725	2,590	54,135	5,578	9.0	18,696
1982:										
January..	83,054	63,941	77.0	61,966	56,629	2,698	53,931	5,338	8.6	19,113
FEMALES										
Annual averages										
1972 ¹	76,333	33,522	43.9	33,479	31,257	635	30,622	2,222	6.6	42,811
1973 ¹	77,855	34,855	44.8	34,804	32,715	622	32,093	2,089	6.0	43,000
1974.....	79,379	36,278	45.7	36,211	33,769	596	33,173	2,441	6.7	43,101
1975.....	80,949	37,565	46.4	37,475	33,989	584	33,404	3,486	9.3	43,386
1976.....	82,496	39,089	47.4	38,983	35,615	588	35,027	3,369	8.6	43,406
1977.....	83,955	40,728	48.5	40,613	37,289	612	36,677	3,324	8.2	43,227
1978 ¹	85,459	42,755	50.0	42,631	39,569	669	38,900	3,061	7.2	42,703
1979.....	86,983	44,375	51.0	44,235	41,217	661	40,556	3,018	6.8	42,608
1980.....	88,507	45,646	51.6	45,487	42,117	656	41,461	3,370	7.4	42,861
1981.....	89,796	46,873	52.2	46,696	43,000	667	42,333	3,696	7.9	42,922
Monthly data, seasonally adjusted ²										
1981:										
January..	89,245	46,315	51.9	46,144	42,578	699	41,879	3,566	7.7	42,930
February..	89,338	46,454	52.0	46,284	42,738	695	42,043	3,546	7.7	42,883
March....	89,434	46,632	52.1	46,458	42,875	680	42,195	3,583	7.7	42,802
April....	89,535	46,859	52.3	46,685	43,086	680	42,406	3,599	7.7	42,676
May.....	89,632	47,103	52.6	46,929	43,252	677	42,575	3,677	7.8	42,529
June.....	89,744	46,918	52.3	46,740	43,151	644	42,507	3,589	7.7	42,827
July.....	89,856	47,056	52.4	46,877	43,224	646	42,578	3,653	7.8	42,800
August...	89,946	47,062	52.3	46,882	43,289	666	42,623	3,593	7.7	42,884
September	90,051	46,699	51.9	46,517	42,787	671	42,116	3,730	8.0	43,352
October..	90,159	47,129	52.3	46,948	43,077	663	42,414	3,871	8.2	43,030
November..	90,259	47,272	52.4	47,088	43,121	704	42,417	3,967	8.4	42,987
December..	90,352	47,066	52.1	46,881	42,888	619	42,269	3,993	8.5	43,286
1982:										
January..	90,441	47,097	52.1	46,913	42,952	713	42,239	3,960	8.4	43,343

¹ Not strictly comparable with prior years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory Notes.

² Because seasonality, by definition, does not exist in population figures, data for "total noninstitutional population" are not seasonally adjusted.

NOTE: See note, table A-1.

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Sex, age, and race	January 1982										
	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					
MALES											
16 years and over	63,392	76.3	61,417	55,300	6,117	10.0	19,661	373	4,675	1,465	13,148
16 to 21 years	7,993	63.2	7,340	5,679	1,661	22.6	4,658	28	3,865	35	730
16 to 19 years	4,476	54.3	4,191	3,139	1,052	25.1	3,768	26	3,260	15	467
16 to 17 years	1,632	40.7	1,612	1,181	430	26.7	2,379	14	2,188	2	174
18 to 19 years	2,844	67.2	2,579	1,958	622	24.1	1,389	12	1,072	12	292
20 to 64 years	57,141	88.5	55,451	50,443	5,008	9.0	7,390	162	1,411	1,054	4,763
20 to 24 years	9,254	84.9	8,510	7,031	1,479	17.4	1,642	12	1,010	50	570
25 to 54 years	40,792	93.9	39,847	36,704	3,143	7.9	2,653	96	391	535	1,629
25 to 29 years	9,465	93.7	9,091	8,036	1,055	11.6	634	23	228	40	344
30 to 34 years	8,776	95.5	8,512	7,833	679	8.0	410	14	82	67	247
35 to 39 years	7,093	96.0	6,909	6,409	500	7.2	297	7	29	70	191
40 to 44 years	5,629	94.2	5,543	5,190	352	6.4	349	17	25	90	216
45 to 49 years	4,942	92.6	4,913	4,610	303	6.2	397	17	25	107	247
50 to 54 years	4,887	89.6	4,880	4,625	255	5.2	566	18	2	162	384
55 to 64 years	7,095	69.6	7,093	6,707	386	5.4	3,094	53	10	468	2,564
55 to 59 years	4,384	81.1	4,383	4,119	264	6.0	1,024	36	6	249	734
60 to 64 years	2,711	56.7	2,711	2,588	123	4.5	2,070	17	4	219	1,830
65 years and over	1,775	17.3	1,775	1,719	57	3.2	8,504	185	3	397	7,919
65 to 69 years	1,013	25.9	1,013	971	42	4.2	2,892	49	--	115	2,728
70 years and over	762	12.0	762	748	15	1.9	5,612	136	3	282	5,191
White											
16 years and over	55,892	77.1	54,374	49,454	4,919	9.0	16,572	266	3,709	1,178	11,418
16 to 21 years	6,940	65.7	6,441	5,887	1,355	21.0	3,627	14	3,087	26	500
16 to 19 years	3,960	57.6	3,737	2,850	887	23.7	2,915	12	2,570	14	319
16 to 17 years	1,495	44.6	1,478	1,105	373	25.2	1,858	7	1,736	2	113
18 to 19 years	2,466	70.0	2,259	1,745	514	22.7	1,057	5	834	12	206
20 to 64 years	50,314	89.4	49,019	45,025	3,994	8.1	5,991	100	1,136	847	3,908
20 to 24 years	7,920	85.9	7,371	6,237	1,134	15.4	1,303	6	856	37	404
25 to 54 years	35,932	94.8	35,187	32,658	2,530	7.2	1,972	57	276	425	1,215
25 to 29 years	15,915	95.4	15,426	14,056	1,370	8.9	760	23	229	76	433
30 to 34 years	11,222	95.9	10,996	10,323	674	6.1	475	10	30	132	304
35 to 44 years	8,796	92.3	8,764	8,279	485	5.5	737	24	17	217	478
55 to 64 years	6,461	70.4	6,460	6,130	330	5.1	2,714	37	4	385	2,290
55 to 59 years	3,981	82.0	3,980	3,760	220	5.5	872	22	4	208	637
60 to 64 years	2,480	57.4	2,480	2,371	109	4.4	1,843	14	--	177	1,652
65 years and over	1,618	17.4	1,618	1,579	39	2.4	7,666	154	3	317	7,192
Black and other											
16 years and over	7,500	70.8	7,043	5,846	1,197	17.0	3,090	107	966	287	1,730
16 to 21 years	1,053	50.5	899	592	306	34.1	1,031	14	778	9	230
16 to 19 years	516	37.7	454	289	165	36.4	853	14	690	1	148
16 to 17 years	137	20.8	133	76	57	42.9	521	7	452	--	62
18 to 19 years	379	53.3	321	213	108	33.7	332	7	238	1	86
20 to 64 years	6,828	83.0	5,432	5,417	1,015	15.8	1,399	62	276	206	855
20 to 24 years	1,335	79.7	1,139	794	344	30.2	340	6	155	13	166
25 to 54 years	4,859	87.7	4,661	4,047	614	13.2	679	40	115	110	414
25 to 29 years	2,326	89.1	2,177	1,813	363	16.7	283	15	81	30	158
30 to 34 years	1,501	89.8	1,456	1,277	179	12.3	171	14	24	29	104
35 to 44 years	1,033	82.1	1,028	956	72	7.0	226	11	10	51	153
55 to 64 years	633	62.5	633	577	56	8.9	380	16	6	83	274
55 to 59 years	403	72.5	402	359	43	10.7	153	13	2	41	97
60 to 64 years	231	50.4	231	218	13	5.7	227	3	5	42	178
65 years and over	157	15.8	157	140	17	10.9	838	31	--	80	727

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	January 1982										
	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					
FEMALES											
16 years and over	46,781	51.7	46,597	42,531	4,066	8.7	43,659	32,291	4,531	947	5,891
16 to 21 years	6,554	53.1	6,484	5,295	1,190	18.3	5,799	1,282	3,817	9	691
16 to 19 years	3,753	46.8	3,724	2,927	797	21.4	4,272	587	3,194	2	489
16 to 17 years	1,402	36.0	1,400	1,121	279	19.9	2,490	136	2,152	--	202
18 to 19 years	2,351	56.9	2,324	1,806	518	22.3	1,783	451	1,042	3	287
20 to 64 years	41,911	62.0	41,756	38,514	3,241	7.8	25,638	21,522	1,335	432	2,349
20 to 24 years	7,355	68.0	7,267	6,374	892	12.3	3,453	2,141	909	15	388
25 to 54 years	29,722	65.9	29,655	27,546	2,111	7.1	15,361	13,665	410	229	1,059
25 to 29 years	7,012	68.6	6,967	6,339	628	9.0	3,217	2,780	179	24	233
30 to 34 years	6,262	66.6	6,247	5,783	464	7.4	3,134	2,840	101	22	170
35 to 39 years	5,146	67.4	5,142	4,799	343	6.7	2,490	2,237	65	28	161
40 to 44 years	4,301	68.9	4,299	4,012	287	6.7	1,946	1,734	30	30	151
45 to 49 years	3,631	64.2	3,630	3,421	209	5.8	2,027	1,829	17	49	132
50 to 54 years	3,371	56.9	3,370	3,191	179	5.3	2,548	2,244	17	75	212
55 to 64 years	4,834	41.5	4,834	4,595	239	4.9	6,824	5,716	17	188	902
55 to 59 years	2,979	49.0	2,979	2,841	137	4.6	3,099	2,461	13	91	334
60 to 64 years	1,855	33.2	1,855	1,753	102	5.5	3,725	3,055	4	97	569
65 years and over	1,117	7.5	1,117	1,089	28	2.5	13,749	10,182	2	513	3,052
65 to 69 years	692	14.2	692	666	26	3.8	4,196	3,701	--	116	778
70 years and over	425	4.3	425	424	2	.4	9,553	6,881	2	397	2,274
White											
16 years and over	40,181	51.5	40,050	36,924	3,126	7.8	37,846	28,596	3,537	759	4,954
16 to 21 years	5,756	56.2	5,707	4,792	916	16.0	4,488	1,010	2,981	6	491
16 to 19 years	3,326	50.2	3,306	2,682	624	18.9	3,304	481	2,479	1	343
16 to 17 years	1,262	39.4	1,261	1,034	227	18.0	1,945	126	1,678	--	182
18 to 19 years	2,064	60.3	2,044	1,648	397	19.4	1,359	355	801	2	201
20 to 64 years	35,859	61.9	35,748	33,268	2,481	6.9	22,078	18,798	1,056	331	1,892
20 to 24 years	6,318	69.9	6,256	5,621	634	10.1	2,726	1,700	729	10	287
25 to 54 years	25,286	65.7	25,237	23,595	1,642	6.5	13,226	11,310	313	170	834
25 to 29 years	11,173	67.5	11,129	10,311	818	7.4	5,388	4,845	208	40	294
30 to 34 years	8,046	67.6	8,041	7,525	516	6.4	3,860	3,492	75	46	247
35 to 44 years	6,067	60.4	6,067	5,759	308	5.1	3,978	3,573	28	83	294
55 to 64 years	4,256	41.0	4,256	4,051	205	4.8	6,126	5,188	15	152	771
55 to 59 years	2,604	48.4	2,604	2,488	116	4.4	2,781	2,421	12	73	275
60 to 64 years	1,652	33.1	1,652	1,563	89	5.4	3,345	2,767	3	78	497
65 years and over	996	7.4	996	974	21	2.1	12,464	9,317	2	426	2,719
Black and other											
16 years and over	6,600	53.2	6,547	5,607	940	14.4	5,813	3,695	994	188	936
16 to 21 years	798	37.8	777	503	274	35.3	1,312	272	836	4	200
16 to 19 years	427	30.6	418	246	173	41.3	968	106	715	--	146
16 to 17 years	139	20.4	139	87	52	37.2	544	11	474	--	59
18 to 19 years	288	40.4	280	158	121	43.4	423	95	241	--	87
20 to 64 years	6,051	63.0	6,007	5,246	760	12.7	3,560	2,723	279	100	457
20 to 24 years	1,037	58.8	1,011	753	258	25.5	727	441	180	5	101
25 to 54 years	4,436	67.5	4,418	3,950	469	10.6	2,136	1,754	97	59	225
25 to 29 years	2,102	68.6	2,085	1,811	274	13.1	963	775	72	7	110
30 to 34 years	1,401	70.9	1,400	1,286	114	8.1	575	478	20	12	65
35 to 44 years	934	61.0	934	853	81	8.7	597	501	6	41	50
55 to 64 years	578	45.3	578	544	34	5.9	697	528	2	37	131
55 to 59 years	375	54.1	375	353	21	5.7	317	240	1	18	59
60 to 64 years	203	34.8	203	190	13	6.2	380	288	1	19	72
65 years and over	122	8.6	122	115	7	5.4	1,285	866	--	87	333

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

HOUSEHOLD DATA

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
MALES								
16 years and over	63,040	63,392	76.9	76.3	61,085	61,417	76.3	75.8
16 to 19 years	4,846	4,476	57.2	54.3	4,552	4,191	55.7	52.7
16 to 17 years	1,810	1,632	43.5	40.7	1,789	1,612	43.2	40.4
18 to 19 years	3,036	2,844	70.4	67.2	2,763	2,579	68.4	65.0
20 to 24 years	9,240	9,254	85.5	84.9	8,507	8,510	84.4	83.8
25 to 54 years	39,982	40,792	94.1	93.9	39,057	39,847	94.0	93.8
25 to 34 years	17,836	18,240	94.8	94.6	17,214	17,603	94.7	94.4
35 to 44 years	12,218	12,722	95.4	95.2	11,949	12,452	95.3	95.1
45 to 54 years	9,928	9,829	91.3	91.1	9,893	9,793	91.3	91.0
55 to 64 years	7,165	7,095	70.8	69.6	7,164	7,093	70.8	69.6
55 to 59 years	4,389	4,384	80.8	81.1	4,387	4,383	80.8	81.1
60 to 64 years	2,777	2,711	59.2	56.7	2,776	2,711	59.2	56.7
65 years and over	1,806	1,775	17.9	17.3	1,806	1,775	17.9	17.3
White								
16 years and over	55,601	55,892	77.7	77.1	54,093	54,374	77.3	76.6
16 to 19 years	4,239	3,960	60.0	57.6	4,015	3,737	58.7	56.2
16 to 17 years	1,613	1,495	46.7	44.6	1,596	1,478	46.4	44.3
18 to 19 years	2,626	2,466	72.8	70.0	2,419	2,259	71.2	68.1
20 to 24 years	7,967	7,920	87.0	85.9	7,424	7,371	86.2	85.0
25 to 54 years	35,220	35,932	95.0	94.8	34,480	35,187	94.9	94.7
25 to 34 years	15,562	15,915	95.6	95.4	15,077	15,426	95.5	95.3
35 to 44 years	10,775	11,222	96.3	95.9	10,551	10,996	96.2	95.9
45 to 54 years	8,883	8,796	92.5	92.3	8,852	8,764	92.5	92.2
55 to 64 years	6,516	6,461	71.5	70.4	6,514	6,460	71.5	70.4
55 to 59 years	3,993	3,981	81.7	82.0	3,992	3,980	81.7	82.0
60 to 64 years	2,522	2,480	59.7	57.4	2,522	2,480	59.7	57.4
65 years and over	1,660	1,618	18.2	17.4	1,660	1,618	18.2	17.4
Black and other								
16 years and over	7,438	7,500	71.1	70.8	6,992	7,043	69.9	69.5
16 to 19 years	607	516	43.0	37.7	537	454	40.0	34.7
16 to 17 years	197	137	27.8	20.8	193	133	27.4	20.4
18 to 19 years	411	379	58.2	53.3	344	321	53.8	49.1
20 to 24 years	1,273	1,335	77.2	79.7	1,083	1,139	74.2	77.0
25 to 54 years	4,762	4,859	87.7	87.7	4,577	4,661	87.3	87.3
25 to 34 years	2,274	2,326	89.7	89.1	2,138	2,177	89.1	88.5
35 to 44 years	1,443	1,501	88.9	89.8	1,398	1,456	88.6	89.5
45 to 54 years	1,045	1,033	82.4	82.1	1,041	1,028	82.3	82.0
55 to 64 years	649	633	64.6	62.5	649	633	64.6	62.5
55 to 59 years	395	403	72.7	72.5	395	402	72.7	72.5
60 to 64 years	254	231	55.2	50.4	254	231	55.2	50.4
65 years and over	146	157	15.2	15.8	146	157	15.2	15.8

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
FEMALES								
16 years and over	45,971	46,781	51.5	51.7	45,800	46,597	51.4	51.6
16 to 19 years	4,019	3,753	48.7	46.8	3,989	3,724	48.5	46.6
16 to 17 years	1,556	1,402	38.5	36.0	1,554	1,400	38.5	36.0
18 to 19 years	2,463	2,351	58.5	56.9	2,434	2,324	58.2	56.6
20 to 24 years	7,430	7,355	69.1	68.0	7,348	7,267	68.9	67.8
25 to 54 years	28,649	29,722	64.9	65.9	28,591	29,655	64.8	65.9
25 to 34 years	12,651	13,274	66.0	67.6	12,598	13,214	65.9	67.5
35 to 44 years	8,825	9,447	66.3	68.0	8,821	9,441	66.3	68.0
45 to 54 years	7,173	7,001	61.5	60.5	7,172	7,001	61.4	60.5
55 to 64 years	4,769	4,834	41.3	41.5	4,768	4,834	41.3	41.5
55 to 59 years	2,955	2,979	48.4	49.0	2,955	2,979	48.4	49.0
60 to 64 years	1,814	1,855	33.2	33.2	1,814	1,855	33.2	33.2
65 years and over	1,104	1,117	7.6	7.5	1,104	1,117	7.6	7.5
White								
16 years and over	39,535	40,181	51.3	51.5	39,411	40,050	51.2	51.4
16 to 19 years	3,561	3,326	51.9	50.2	3,540	3,306	51.7	50.0
16 to 17 years	1,405	1,262	41.8	39.4	1,404	1,261	41.8	39.3
18 to 19 years	2,156	2,064	61.6	60.3	2,136	2,044	61.4	60.1
20 to 24 years	6,421	6,318	71.4	69.9	6,361	6,256	71.3	69.6
25 to 54 years	24,357	25,286	64.6	65.7	24,313	25,237	64.5	65.6
25 to 34 years	10,616	11,173	65.6	67.5	10,577	11,129	65.5	67.4
35 to 44 years	7,507	8,046	65.8	67.6	7,503	8,041	65.8	67.6
45 to 54 years	6,234	6,067	61.5	60.4	6,233	6,067	61.5	60.4
55 to 64 years	4,213	4,256	40.8	41.0	4,213	4,256	40.8	41.0
55 to 59 years	2,614	2,604	48.2	48.4	2,614	2,604	48.2	48.4
60 to 64 years	1,599	1,652	32.7	33.1	1,599	1,652	32.7	33.1
65 years and over	983	996	7.5	7.4	983	996	7.5	7.4
Black and other								
16 years and over	6,435	6,600	52.9	53.2	6,389	6,547	52.7	53.0
16 to 19 years	458	427	33.0	30.6	449	418	32.6	30.2
16 to 17 years	151	139	22.3	20.4	151	139	22.2	20.3
18 to 19 years	306	288	43.3	40.4	298	280	42.6	39.8
20 to 24 years	1,009	1,037	57.2	58.8	986	1,011	56.6	58.2
25 to 54 years	4,293	4,436	66.9	67.5	4,278	4,418	66.8	67.4
25 to 34 years	2,035	2,102	68.5	68.6	2,021	2,085	68.3	68.4
35 to 44 years	1,318	1,401	69.1	70.9	1,317	1,400	69.0	70.9
45 to 54 years	939	934	61.2	61.0	939	934	61.2	61.0
55 to 64 years	555	578	44.6	45.3	555	578	44.6	45.3
55 to 59 years	340	375	49.9	54.1	340	375	49.9	54.1
60 to 64 years	215	203	38.2	34.8	215	203	38.2	34.8
65 years and over	121	122	9.0	8.6	121	122	9.0	8.6

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	January 1982						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
TOTAL	11,024	9,117	157	8,960	1,907	17.3	7,398
16 years and over	720	416	6	410	304	42.3	1,546
16 to 19 years	227	126	2	124	102	44.7	910
18 to 19 years	492	290	4	286	203	41.2	636
20 to 24 years	1,803	1,249	12	1,237	554	30.7	874
25 to 54 years	7,250	6,307	104	6,203	943	13.0	2,210
25 to 34 years	3,433	2,866	33	2,833	567	16.5	940
35 to 44 years	2,240	1,993	35	1,958	247	11.0	585
45 to 54 years	1,577	1,448	36	1,412	129	8.2	685
55 to 64 years	1,013	932	25	907	81	8.0	912
55 to 59 years	655	595	22	573	60	9.2	384
60 to 64 years	358	337	3	335	21	5.9	528
65 years and over	238	213	10	203	25	10.4	1,857
Males							
16 years and over	5,625	4,546	145	4,401	1,079	19.2	2,585
16 to 19 years	373	225	4	222	147	39.4	728
16 to 17 years	110	57	2	55	54	49.1	454
18 to 19 years	262	168	2	166	95	36.3	274
20 to 24 years	960	641	12	629	319	33.2	252
25 to 54 years	3,656	3,112	96	3,017	543	14.9	554
25 to 34 years	1,733	1,402	28	1,374	332	19.2	219
35 to 44 years	1,115	964	35	929	151	13.5	139
45 to 54 years	807	747	33	714	60	7.4	196
55 to 64 years	511	460	25	435	51	10.0	335
55 to 59 years	324	285	22	263	40	12.3	135
60 to 64 years	187	175	3	173	12	6.4	201
65 years and over	125	107	8	100	18	14.4	717
Females							
16 years and over	5,399	4,571	12	4,559	828	15.3	4,813
16 to 19 years	347	191	2	188	157	45.1	818
16 to 17 years	117	69	--	69	48	41.2	456
18 to 19 years	230	122	2	120	108	47.1	362
20 to 24 years	843	608	--	608	235	27.9	622
25 to 54 years	3,594	3,195	8	3,186	400	11.1	1,656
25 to 34 years	1,760	1,464	5	1,459	235	13.9	721
35 to 44 years	1,125	1,029	--	1,029	96	8.5	446
45 to 54 years	770	701	3	698	69	9.0	489
55 to 64 years	562	472	--	472	30	5.9	577
55 to 59 years	331	310	--	310	20	6.2	249
60 to 64 years	171	162	--	162	9	5.4	327
65 years and over	113	106	2	103	7	6.1	1,140

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

HOUSEHOLD DATA

A-6. Employment status of the noninstitutional population by race, sex, and age

[Numbers in thousands]

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
TOTAL								
Total noninstitutional population	171,229	173,495	73,511	74,810	80,997	82,415	16,721	16,269
Total labor force	109,010	110,174	58,193	58,916	41,952	43,028	8,865	8,229
Percent of population	63.7	63.5	79.2	78.8	51.8	52.2	53.0	50.6
Civilian labor force	106,885	108,014	56,533	57,226	41,811	42,873	8,541	7,915
Employed	98,139	97,831	52,467	52,162	38,862	39,603	6,811	6,066
Agriculture	2,908	2,883	2,190	2,163	472	489	257	231
Nonagricultural industries	95,232	94,948	50,288	49,998	38,390	39,115	6,554	5,835
Unemployed	8,746	10,183	4,066	5,065	2,950	3,269	1,730	1,849
Percent of labor force	8.2	9.4	7.2	8.9	7.1	7.6	20.3	23.4
Not in labor force	62,218	63,321	15,317	15,894	39,045	39,387	7,856	8,040
White								
Total noninstitutional population	148,609	150,492	64,469	65,588	70,218	71,397	13,922	13,506
Total labor force	95,137	96,074	51,362	51,932	35,974	36,855	7,800	7,287
Percent of population	64.0	63.8	79.7	79.2	51.2	51.6	56.0	53.9
Civilian labor force	93,504	94,424	50,078	50,637	35,871	36,744	7,555	7,042
Employed	86,535	86,378	46,760	46,604	33,588	34,242	6,187	5,532
Agriculture	2,656	2,655	1,975	1,967	444	464	237	223
Nonagricultural industries	83,879	83,723	44,784	44,638	33,144	33,778	5,951	5,308
Unemployed	6,969	8,046	3,319	4,033	2,282	2,502	1,368	1,511
Percent of labor force	7.5	8.5	6.6	8.0	6.4	6.8	18.1	21.5
Not in labor force	53,472	54,418	13,106	13,657	34,244	34,542	6,122	6,220
Black and other								
Total noninstitutional population	22,620	23,003	9,042	9,222	10,778	11,018	2,800	2,763
Total labor force	13,874	14,100	6,831	6,985	5,978	6,173	1,065	943
Percent of population	61.3	61.3	75.5	75.7	55.5	56.0	38.0	34.1
Civilian labor force	13,381	13,591	6,455	6,589	5,940	6,129	986	872
Employed	11,604	11,453	5,708	5,557	5,273	5,361	623	534
Agriculture	251	228	204	197	27	24	20	7
Nonagricultural industries	11,352	11,225	5,503	5,361	5,246	5,337	603	527
Unemployed	1,777	2,138	747	1,032	667	767	363	338
Percent of labor force	13.3	15.7	11.6	15.7	11.2	12.5	36.8	38.8
Not in labor force	8,746	8,903	2,211	2,237	4,801	4,845	1,734	1,820

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-7. Employment status of the noninstitutional population 16 to 21 years of age by major activity, sex, and race

(Numbers in thousands)

Employment status and major activity	January 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
TOTAL									
Total noninstitutional population	25,004	12,651	12,353	20,810	10,566	10,244	4,194	2,084	2,110
Total labor force	14,547	7,993	6,554	12,696	6,940	5,756	1,851	1,053	798
Percent of population	58.2	63.2	53.1	61.0	65.7	56.2	44.1	50.5	37.8
Civilian labor force	13,824	7,340	6,484	12,149	6,441	5,707	1,676	899	777
Employed	10,974	5,679	5,295	9,879	5,087	4,792	1,095	592	503
Agriculture	358	303	55	339	286	52	19	17	2
Nonagricultural industries	10,616	5,376	5,240	9,540	4,800	4,739	1,076	576	501
Unemployed	2,851	1,661	1,190	2,270	1,355	916	580	306	274
Looking for full-time work	1,819	1,108	712	1,432	891	541	388	217	171
Looking for part-time work	1,031	553	478	839	464	375	193	89	103
Percent of labor force	20.6	22.6	18.3	18.7	21.0	16.0	34.6	34.1	35.3
Not in labor force	10,457	4,658	5,799	8,114	3,627	4,488	2,343	1,031	1,312
Major activity: going to school									
Civilian labor force	3,953	2,000	1,953	3,560	1,828	1,733	393	173	220
Employed	3,077	1,522	1,555	2,844	1,415	1,429	232	107	126
Agriculture	108	93	15	107	92	15	1	1	--
Nonagricultural industries	2,968	1,429	1,539	2,737	1,323	1,414	231	106	126
Unemployed	876	479	398	716	413	304	160	66	94
Looking for full-time work	95	35	60	68	30	38	27	5	22
Looking for part-time work	782	444	338	648	383	265	133	61	72
Percent of labor force	22.2	23.9	20.4	20.1	22.6	17.5	40.8	38.1	42.9
Not in labor force	7,682	3,865	3,817	6,068	3,087	2,981	1,615	778	836
Major activity: other									
Civilian labor force	9,871	5,339	4,532	8,588	4,614	3,975	1,283	726	557
Employed	7,897	4,157	3,740	7,034	3,672	3,363	863	485	377
Agriculture	249	210	39	231	195	37	18	15	2
Nonagricultural industries	7,648	3,947	3,701	6,803	3,477	3,326	845	470	375
Unemployed	1,974	1,182	792	1,554	942	612	420	240	180
Looking for full-time work	1,725	1,073	652	1,364	861	503	361	212	149
Looking for part-time work	250	109	140	190	81	110	59	28	31
Percent of labor force	20.0	22.1	17.5	18.1	20.4	15.4	32.8	33.1	32.3
Not in labor force	2,775	793	1,982	2,047	540	1,507	728	253	475

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

[Numbers in thousands]

Sex, age, and race	January 1982								
	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									
Both sexes, 16 years and over.....	91,730	78,236	5,057	8,437	9.2	16,284	14,538	1,746	10.7
16 to 21 years.....	8,167	5,363	585	1,819	22.3	5,657	4,626	1,031	18.2
16 to 19 years.....	3,563	2,044	530	989	27.8	4,352	3,492	860	19.8
16 to 17 years.....	500	227	99	175	35.0	2,511	1,977	534	21.3
18 to 19 years.....	3,062	1,817	431	814	26.6	1,841	1,515	326	17.7
20 years and over.....	88,168	76,193	4,527	7,448	8.4	11,931	11,046	886	7.4
20 to 24 years.....	13,329	10,250	991	2,088	15.7	2,447	2,165	283	11.5
25 years and over.....	74,839	65,942	3,536	5,360	7.2	9,484	8,881	604	6.4
25 to 54 years.....	62,887	55,181	2,924	4,783	7.6	6,616	6,144	472	7.1
55 years and over.....	11,952	10,761	612	577	4.8	2,868	2,736	132	4.6
Males, 16 years and over.....	56,109	48,439	2,305	5,364	9.6	5,308	4,556	753	14.2
16 to 21 years.....	4,597	3,008	481	1,108	24.1	2,743	2,190	553	20.2
16 to 19 years.....	2,009	1,174	258	577	28.7	2,182	1,707	475	21.8
20 years and over.....	54,100	47,265	2,047	4,787	8.8	3,127	2,849	278	8.9
20 to 24 years.....	7,494	5,704	446	1,344	17.9	1,016	881	135	13.3
25 years and over.....	46,605	41,561	1,601	3,443	7.4	2,111	1,968	144	6.8
25 to 54 years.....	38,895	34,541	1,303	3,051	7.8	952	861	92	9.7
55 years and over.....	7,710	7,020	299	392	5.1	1,158	1,107	51	4.4
Females, 16 years and over.....	35,621	29,797	2,751	3,073	8.6	10,975	9,982	993	9.0
16 to 21 years.....	3,570	2,354	504	712	19.9	2,914	2,436	478	16.4
16 to 19 years.....	1,553	870	272	412	26.5	2,171	1,785	385	17.7
20 years and over.....	34,068	28,927	2,480	2,661	7.8	8,805	8,197	608	6.9
20 to 24 years.....	5,835	4,546	545	745	12.8	1,431	1,284	148	10.3
25 years and over.....	28,232	24,382	1,935	1,917	6.8	7,374	6,914	460	6.2
25 to 54 years.....	23,992	20,640	1,621	1,730	7.2	5,653	5,284	379	6.7
55 years and over.....	4,240	3,742	313	186	4.4	1,710	1,630	81	4.7
White									
Males, 16 years and over.....	49,610	43,356	1,971	4,282	8.6	4,764	4,127	637	13.4
16 to 21 years.....	3,967	2,677	400	891	22.5	2,474	2,010	464	18.7
16 to 19 years.....	1,757	1,057	215	485	27.6	1,980	1,578	402	20.3
20 years and over.....	47,853	42,300	1,756	3,797	7.9	2,784	2,549	235	8.4
20 to 24 years.....	6,468	5,079	366	1,022	15.8	904	792	112	12.4
25 years and over.....	41,386	37,221	1,389	2,775	6.7	1,881	1,756	124	6.6
25 to 54 years.....	34,366	30,792	1,124	2,450	7.1	821	742	79	9.6
55 years and over.....	7,020	6,429	265	325	4.6	1,059	1,014	44	4.2
Females, 16 years and over.....	30,055	25,481	2,287	2,288	7.6	9,995	9,156	839	8.4
16 to 21 years.....	3,114	2,122	452	541	17.4	2,593	2,218	375	14.4
16 to 19 years.....	1,362	789	252	321	23.6	1,944	1,641	303	15.6
20 years and over.....	28,693	24,692	2,035	1,966	6.9	8,051	7,515	536	6.7
20 to 24 years.....	4,978	4,011	450	517	10.4	1,278	1,160	118	9.2
25 years and over.....	23,716	20,682	1,585	1,450	6.1	6,773	6,354	418	6.2
25 to 54 years.....	19,969	17,350	1,325	1,295	6.5	5,268	4,921	347	6.6
55 years and over.....	3,747	3,332	259	155	4.1	1,505	1,434	70	4.7
Black and other									
Males, 16 years and over.....	6,499	5,083	334	1,082	16.6	544	429	116	21.2
16 to 21 years.....	630	332	81	217	34.4	268	179	89	33.2
16 to 19 years.....	252	117	43	92	36.6	202	129	73	36.2
20 years and over.....	6,247	4,966	291	990	15.8	343	300	43	12.4
20 to 24 years.....	1,026	626	80	321	31.3	112	89	23	20.6
25 years and over.....	5,221	4,340	212	669	12.8	230	212	20	8.7
25 to 54 years.....	4,530	3,749	179	602	13.3	131	119	13	9.9
55 years and over.....	692	591	33	67	9.7	99	92	7	7.1
Females, 16 years and over.....	5,566	4,317	464	785	14.1	981	826	155	15.8
16 to 21 years.....	456	233	52	171	37.5	321	218	103	32.2
16 to 19 years.....	192	81	20	91	47.2	227	144	82	36.3
20 years and over.....	5,375	4,235	444	695	12.9	754	682	73	9.6
20 to 24 years.....	857	535	94	228	26.6	154	124	30	19.5
25 years and over.....	4,518	3,700	350	467	10.3	600	558	42	7.0
25 to 54 years.....	4,024	3,290	297	437	10.9	394	362	32	8.1
55 years and over.....	494	410	53	31	6.3	206	196	10	4.9

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

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

HOUSEHOLD DATA

A-9. Employment status of the noninstitutional population by family relationship

[Numbers in thousands]

Family relationship	January 1982									
	Civilian labor force					Not in labor force				
	Total	Percent of population	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
				Number	Percent of labor force					
Total, 16 years and over	108,014	63.0	97,831	10,183	9.4	63,321	32,664	9,206	2,412	19,039
Husbands	39,391	79.9	36,953	2,438	6.2	9,887	97	191	862	8,737
With employed wife	21,523	91.9	20,336	1,187	5.5	1,906	38	86	274	1,507
With unemployed wife	1,538	93.1	1,260	278	18.1	113	-	10	29	74
With wife not in labor force	16,331	67.5	15,357	973	6.0	7,868	59	95	559	7,155
Wives	25,079	50.9	23,428	1,651	6.6	24,199	21,722	316	283	1,878
With employed husband	21,596	58.4	20,336	1,260	5.8	15,357	14,276	253	96	733
With unemployed husband	1,465	60.1	1,187	278	19.0	973	902	21	9	40
With husband not in labor force	2,109	20.4	1,906	113	5.6	7,868	6,544	42	178	1,104
Relatives in married-couple families	13,021	59.4	10,674	2,347	18.0	8,888	875	5,905	233	1,875
16 to 19 years	5,340	49.8	4,246	1,094	20.5	5,392	133	4,643	12	604
20 to 24 years	5,006	74.0	4,162	844	16.9	1,757	161	1,162	33	400
25 years and over	2,675	60.6	2,266	409	15.3	1,739	581	100	188	871
Females who maintain families	5,693	60.2	5,082	611	10.7	3,768	2,980	92	120	575
Relatives in families maintained by females	4,526	53.7	3,417	1,110	24.5	3,906	860	1,685	229	1,131
16 to 19 years	1,233	41.4	813	420	34.1	1,749	111	1,369	4	265
20 to 24 years	1,479	68.9	1,074	405	27.4	666	138	273	21	233
25 years and over	1,814	54.9	1,530	285	15.7	1,491	611	43	204	633
Males who maintain families	1,804	74.9	1,617	187	10.4	604	50	39	58	457
Relatives in families maintained by males	1,462	58.6	1,185	277	18.9	1,032	413	263	48	308
16 to 19 years	334	58.0	231	103	30.9	242	7	192	-	44
20 to 24 years	439	75.7	358	81	18.5	141	31	63	-	47
25 years and over	689	51.5	596	93	13.5	649	375	8	48	217
Persons living alone	10,456	53.3	9,668	788	7.5	9,167	5,054	217	475	3,421
Males	5,501	70.9	4,961	540	9.8	2,253	134	127	224	1,768
Females	4,955	41.7	4,706	249	5.2	6,914	4,920	89	251	1,654
All others ¹	6,582	77.9	5,807	774	11.8	1,870	613	498	104	657

¹ The majority of these persons are living with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some

whose family status is unknown.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-10. Unemployed persons by marital status, race, age, and sex

Marital status, race, and age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	5,092	6,117	8.3	10.0	3,654	4,066	8.0	8.7
Married, spouse present	2,040	2,554	5.0	6.3	1,666	1,714	6.5	6.7
Widowed, divorced, or separated	543	709	10.4	12.7	844	844	8.2	9.1
Single (never married)	2,509	2,854	16.4	18.5	1,261	1,509	11.0	12.7
White, 16 years and over	4,121	4,919	7.6	9.0	2,848	3,126	7.2	7.8
Married, spouse present	1,758	2,169	4.8	5.9	1,447	1,461	6.4	6.4
Widowed, divorced, or separated	431	534	10.1	11.7	537	633	7.6	8.4
Single (never married)	1,932	2,217	14.8	16.8	864	1,032	9.0	10.5
Black and other, 16 years and over	971	1,197	13.9	17.0	806	940	12.6	14.4
Married, spouse present	282	385	7.4	10.3	218	253	8.0	9.2
Widowed, divorced, or separated	112	175	11.6	17.3	191	211	10.9	11.7
Single (never married)	577	637	26.2	28.0	397	477	20.9	24.0
Total, 20 to 64 years of age	4,004	5,008	7.3	9.0	2,912	3,241	7.2	7.8
Married, spouse present	1,978	2,493	5.1	6.4	1,553	1,627	6.3	6.6
Widowed, divorced, or separated	529	689	10.7	12.9	683	794	8.3	9.2
Single (never married)	1,497	1,826	13.8	16.0	677	819	8.6	9.8
White, 20 to 64 years of age	3,268	3,994	6.7	8.1	2,248	2,481	6.4	6.9
Married, spouse present	1,709	2,115	4.9	6.0	1,345	1,379	6.1	6.3
Widowed, divorced, or separated	422	524	10.5	12.0	496	590	7.6	8.5
Single (never married)	1,137	1,355	12.4	14.2	408	511	6.4	7.5
Black and other, 20 to 64 years of age	736	1,015	11.7	15.8	663	760	11.4	12.7
Married, spouse present	269	379	7.2	10.4	207	249	7.7	9.2
Widowed, divorced, or separated	107	165	11.8	17.4	187	204	11.2	11.8
Single (never married)	360	471	21.4	25.9	268	308	18.2	19.5

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-11. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	8,746	10,183	8.2	9.4	8.3	10.0	8.0	8.7
White-collar workers	2,297	2,501	4.2	4.5	3.2	3.5	5.0	5.4
Professional and technical	466	491	2.8	2.8	2.3	2.4	3.3	3.2
Managers and administrators, except farm	327	341	2.8	3.0	2.4	2.7	3.7	3.9
Sales workers	353	379	5.3	5.6	4.6	4.2	6.1	7.1
Clerical workers	1,151	1,289	5.9	6.6	5.9	7.1	5.9	6.4
Blue-collar workers	4,161	5,064	12.1	14.8	11.6	14.5	14.5	15.9
Craft and kindred workers	1,144	1,474	8.5	10.9	8.5	11.1	9.0	8.6
Carpenters and other construction craft workers	596	783	14.3	19.4	14.2	19.6	(1)	(1)
All other	548	691	5.9	7.3	5.8	7.2	7.5	8.3
Operatives, except transport	1,654	2,026	13.7	17.1	12.4	16.9	15.6	17.5
Transport equipment operatives	420	478	11.1	12.5	11.3	12.9	9.0	8.3
Nonfarm laborers	943	1,087	18.8	21.3	19.3	21.6	15.1	19.5
Construction laborers	284	340	29.9	37.9	29.7	38.1	(1)	(1)
All other	659	747	16.3	17.8	16.6	17.6	14.3	19.3
Service workers	1,246	1,475	8.8	9.9	9.0	10.8	8.6	9.3
Private household	44	47	4.2	4.2	(1)	(1)	4.4	4.2
All other	1,202	1,428	9.1	10.4	9.1	10.8	9.2	10.0
Farm workers	154	218	6.1	8.3	5.5	7.8	9.4	11.3
No previous work experience	888	925	--	--	--	--	--	--
16 to 19 years	626	639	--	--	--	--	--	--
20 to 24 years	163	176	--	--	--	--	--	--
25 years and over	99	110	--	--	--	--	--	--

¹ Percent not shown where base is less than 75,000.

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-12. Unemployed persons by industry and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	100.0	100.0	8.2	9.4	8.3	10.0	8.0	8.7
Nonagricultural private wage and salary workers	77.1	78.2	8.6	9.9	8.9	10.8	8.2	8.8
Mining	1.0	1.1	8.2	9.8	9.0	10.7	3.0	4.6
Construction	10.8	12.3	18.9	24.9	19.4	25.9	12.4	15.5
Manufacturing	24.5	25.5	9.3	11.4	8.1	10.6	11.7	13.1
Durable goods	14.6	16.1	9.2	12.0	8.4	11.5	11.5	13.5
Lumber and wood products	1.0	1.4	13.3	21.7	13.4	20.5	13.0	30.1
Furniture and fixtures	.5	.6	7.6	12.5	8.0	12.2	6.7	13.1
Stone, clay, and glass products	.7	1.0	9.6	15.1	8.2	14.1	14.5	18.1
Primary metal industries	1.5	1.4	10.4	11.8	9.6	11.7	17.1	12.1
Fabricated metal products	1.9	2.3	10.2	14.4	8.8	13.6	15.3	16.8
Machinery, except electrical equipment	2.1	2.3	6.3	8.3	5.8	8.0	8.1	9.0
Electrical equipment	2.0	1.9	7.0	7.9	5.1	6.7	9.3	9.5
Transportation equipment	3.4	3.8	13.5	17.3	12.6	17.1	17.0	18.3
Automobiles	2.4	2.8	18.3	25.6	16.8	24.3	26.0	31.8
Other transportation equipment	1.0	1.0	8.1	8.9	7.9	9.5	8.7	6.6
Instruments and related products	.4	.6	5.5	8.9	3.2	3.9	8.4	15.4
Other durable goods industries	1.1	.8	11.5	10.9	9.1	6.1	14.9	18.5
Nondurable goods	9.9	9.4	9.4	10.5	7.6	8.8	11.9	12.7
Food and kindred products	2.3	2.5	10.8	13.7	9.0	11.1	14.7	20.4
Textile mill products	1.0	.8	10.2	9.6	10.5	10.6	9.9	8.8
Apparel and other textile products	2.4	2.0	14.6	15.0	13.0	12.8	15.0	15.6
Paper and allied products	.6	.6	7.3	8.0	6.3	5.4	10.2	15.6
Printing and publishing	.9	1.0	4.9	6.5	4.6	5.4	5.4	7.7
Chemicals and allied products	.6	.8	4.0	6.3	3.8	6.7	4.5	5.3
Rubber and plastics products	1.3	1.1	15.3	14.8	11.6	12.8	20.7	18.5
Other nondurable goods industries	.7	.6	10.6	9.6	9.0	9.3	12.9	10.2
Transportation and public utilities	4.4	4.5	6.8	7.8	7.4	8.5	5.0	6.0
Railroads and railway express	.6	.7	8.7	12.7	8.8	12.6	(1)	(1)
Other transportation	3.2	3.0	10.5	11.1	11.0	12.3	9.3	6.6
Communication and other public utilities	.6	.8	2.3	3.3	2.1	2.2	2.6	5.3
Wholesale and retail trade	19.3	19.2	8.6	9.8	8.0	9.1	9.4	10.5
Finance, insurance, and real estate	2.7	2.5	4.1	4.2	3.4	4.5	4.5	4.1
Service industries	14.4	13.1	6.8	6.9	7.6	7.8	6.3	6.4
Professional services	5.3	5.3	4.2	4.7	4.0	3.6	4.3	5.2
All other service industries	9.1	7.8	10.6	10.2	11.1	11.7	10.2	8.8
Agricultural wage and salary workers	2.5	2.9	15.0	20.8	14.3	21.0	18.1	20.2
All other classes of workers	10.3	9.9	3.5	3.9	3.3	3.8	3.7	4.1
No previous work experience	10.2	9.1	--	--	--	--	--	--

¹ Percent not shown where base is less than 75,000.

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
NUMBER OF UNEMPLOYED												
Total unemployed, in thousands	8,746	10,183	4,066	5,065	2,950	3,269	1,730	1,849	6,969	8,046	1,777	2,139
Job losers	4,801	6,256	2,909	3,967	1,440	1,686	452	603	3,939	5,022	862	1,234
On layoff	1,824	2,574	1,140	1,698	533	667	151	209	1,606	2,179	218	395
Other job losers	2,977	3,682	1,769	2,269	907	1,019	301	394	2,333	2,843	644	839
Job leavers	951	860	416	354	360	355	175	151	779	727	172	133
Reentrants	2,107	2,141	634	641	994	1,045	479	455	1,652	1,627	455	515
New entrants	886	926	106	103	156	183	625	640	599	670	287	256
PERCENT DISTRIBUTION												
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	54.9	61.5	71.5	78.3	48.8	51.6	26.1	32.6	56.5	62.4	48.5	57.8
On layoff	20.9	25.3	28.0	33.5	18.1	20.4	8.7	11.3	23.0	27.1	12.3	18.5
Other job losers	34.0	36.2	43.5	44.8	30.7	31.2	17.4	21.3	33.5	35.3	36.2	39.3
Job leavers	10.9	8.4	10.2	7.0	12.2	10.9	10.1	8.2	11.2	9.0	9.7	6.2
Reentrants	24.1	21.0	15.6	12.7	33.7	32.0	27.7	24.6	23.7	20.2	25.6	24.1
New entrants	10.1	9.1	2.6	2.0	5.3	5.6	36.1	34.6	8.6	8.3	16.2	12.0
UNEMPLOYMENT RATE												
Total unemployment rate	8.2	9.4	7.2	8.9	7.1	7.6	20.3	23.4	7.5	8.5	13.3	15.7
Job loser rate ¹	4.5	5.8	5.1	7.0	3.5	4.0	5.3	7.6	4.2	5.3	6.4	9.1
Job leaver rate ¹	.9	.8	.7	.6	.9	.8	2.0	1.9	.8	.8	1.3	1.0
Reentrant rate ¹	2.0	2.0	1.1	1.1	2.4	2.4	5.6	5.8	1.8	1.7	3.4	3.8
New entrant rate ¹	.8	.9	.2	.2	.4	.4	7.3	8.1	.6	.7	2.1	1.9

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

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-14. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	January 1982						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	10,183	100.0	42.8	31.8	25.3	13.5	11.8
Job losers	6,256	100.0	38.3	35.9	25.9	13.5	12.4
On layoff	2,574	100.0	47.8	39.4	12.8	8.2	4.6
Other job losers	3,682	100.0	31.6	33.4	35.0	17.1	17.9
Job leavers	860	100.0	47.0	27.5	25.5	14.7	10.8
Reentrants	2,141	100.0	52.7	25.2	22.1	13.0	9.2
New entrants	926	100.0	46.9	24.2	28.9	13.8	15.1
Males, 20 years and over	5,065	100.0	37.1	35.4	27.5	14.3	13.2
Job losers	3,967	100.0	35.3	38.1	26.7	13.7	13.0
On layoff	1,698	100.0	45.2	41.7	13.1	8.5	4.6
Other job losers	2,269	100.0	27.8	35.3	36.9	17.6	19.2
Job leavers	354	100.0	43.0	28.7	28.3	16.4	11.9
Reentrants	641	100.0	46.7	23.9	29.4	15.7	13.7
New entrants	103	100.0	26.7	29.6	43.7	19.7	24.0
Females, 20 years and over	3,269	100.0	48.1	28.3	23.6	12.9	10.7
Job losers	1,686	100.0	41.9	30.9	27.2	14.1	13.1
On layoff	667	100.0	51.2	34.6	14.2	8.8	5.4
Other job losers	1,019	100.0	35.8	28.5	35.7	17.5	18.2
Job leavers	355	100.0	48.9	25.3	25.7	15.7	10.1
Reentrants	1,045	100.0	57.2	25.1	17.8	10.1	7.6
New entrants	183	100.0	52.5	28.0	19.5	12.4	7.1
Both sexes, 16 to 19 years	1,849	100.0	49.2	28.3	22.4	12.4	10.1
Job losers	603	100.0	48.0	35.2	16.8	10.0	6.8
On layoff	209	100.0	58.8	35.2	6.0	4.4	1.7
Other job losers	394	100.0	42.3	35.2	22.5	12.9	9.6
Job leavers	151	100.0	51.9	29.9	18.2	8.5	9.7
Reentrants	455	100.0	50.9	27.3	21.8	15.5	6.3
New entrants	640	100.0	48.5	22.3	29.2	13.3	15.9

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-15. Unemployed jobseekers by sex, age, race, and jobsearch methods used

Sex, age, and race	January 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,183	7,531	25.9	6.0	72.9	34.2	15.6	5.7	1.60
16 to 19 years	1,849	1,629	18.0	2.3	80.8	28.7	14.1	2.8	1.47
20 to 24 years	2,371	1,812	28.7	5.2	73.2	32.6	14.8	5.6	1.60
25 to 34 years	2,826	1,961	30.4	8.9	71.3	39.5	15.2	5.5	1.71
35 to 44 years	1,482	1,030	28.5	7.3	70.2	36.8	18.2	7.1	1.68
45 to 54 years	946	627	26.5	8.9	69.9	34.0	18.2	8.9	1.66
55 to 64 years	625	415	17.3	4.1	60.0	33.7	16.1	11.8	1.43
65 years and over	85	57	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Males, 16 years and over	6,117	4,233	29.4	5.5	74.7	31.8	17.2	7.1	1.66
16 to 19 years	1,052	904	21.6	2.1	81.6	28.0	15.7	2.7	1.52
20 to 24 years	1,479	1,060	30.5	4.1	75.6	30.2	17.0	5.7	1.63
25 to 34 years	1,733	1,114	35.3	9.7	71.8	38.2	17.1	7.5	1.80
35 to 44 years	852	531	35.6	6.6	70.6	33.0	18.1	9.4	1.73
45 to 54 years	557	338	29.6	6.2	75.4	30.2	21.9	12.1	1.75
55 to 64 years	386	245	16.3	2.4	64.5	27.3	14.7	16.3	1.42
65 years and over	57	41	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Females, 16 years and over	4,066	3,298	21.4	6.7	70.7	37.4	13.6	4.0	1.54
16 to 19 years	797	725	13.5	2.3	79.9	29.7	12.0	3.0	1.40
20 to 24 years	892	752	26.3	6.8	69.8	36.0	11.7	5.5	1.56
25 to 34 years	1,092	847	24.1	7.8	70.7	41.3	12.6	2.7	1.59
35 to 44 years	630	498	21.1	8.0	69.9	41.2	18.1	4.6	1.63
45 to 54 years	388	290	22.8	12.1	63.1	38.3	14.1	5.2	1.56
55 to 64 years	239	169	18.9	7.1	53.8	43.2	18.3	5.3	1.47
65 years and over	28	16	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White, 16 years and over	8,046	5,807	24.3	6.1	73.3	36.6	16.1	5.8	1.62
Males	4,919	3,302	27.7	5.6	74.8	34.0	17.7	7.5	1.67
Females	3,126	2,504	19.7	6.9	71.2	40.1	14.0	3.4	1.55
Black and other, 16 years and over	2,138	1,724	31.4	5.7	71.9	26.3	14.2	5.7	1.55
Males	1,197	931	35.2	5.3	74.1	24.1	15.8	5.6	1.60
Females	940	794	26.8	6.0	69.1	28.8	12.2	5.8	1.49

¹ Percent not shown where base is less than 75,000.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or

waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-16. Unemployed jobseekers by sex, reason for unemployment, and jobsearch methods used

Sex and reason	January 1982								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	10,183	7,531	25.9	6.0	72.9	34.2	15.6	5.7	1.60
Job losers	6,256	3,682	31.2	6.7	73.7	35.4	17.9	6.7	1.72
Job leavers	860	878	24.8	8.7	73.1	37.6	17.3	3.4	1.65
Reentrants	2,141	2,049	20.2	5.0	69.2	34.0	12.5	6.2	1.47
New entrants	926	921	18.5	3.3	78.2	27.1	11.9	3.3	1.42
Males, 16 years and over	6,117	4,233	29.4	5.5	74.7	31.8	17.2	7.1	1.66
Job losers	4,367	2,525	32.5	5.7	74.5	32.9	18.5	8.0	1.72
Job leavers	432	441	29.0	9.1	76.9	35.6	18.6	3.9	1.73
Reentrants	899	850	24.4	4.2	70.4	29.2	15.2	8.2	1.52
New entrants	419	417	20.9	3.1	81.8	26.6	12.7	2.6	1.48
Females, 16 years and over	4,066	3,298	21.4	6.7	70.7	37.4	13.6	4.0	1.54
Job losers	1,889	1,157	28.4	8.8	71.8	40.9	16.7	3.6	1.70
Job leavers	428	437	20.4	8.2	69.3	39.6	15.8	3.0	1.56
Reentrants	1,242	1,200	17.1	5.4	68.4	37.2	10.5	4.9	1.44
New entrants	507	505	16.4	3.4	74.9	27.5	11.5	3.6	1.37

NOTE: See note, table A-15.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
Total, 16 years and over	8,746	10,183	100.0	100.0	7,106	8,437	100.0	100.0
Less than 5 weeks	3,710	4,361	42.4	42.8	2,672	3,306	37.6	39.2
5 to 14 weeks	2,467	3,243	28.2	31.8	2,103	2,839	29.6	33.6
5 to 10 weeks	1,765	2,313	20.2	22.7	1,498	1,993	21.1	23.6
11 to 14 weeks	702	930	8.0	9.1	604	846	8.5	10.0
15 weeks and over	2,569	2,579	29.4	25.3	2,331	2,293	32.8	27.2
15 to 26 weeks	1,285	1,374	14.7	13.5	1,132	1,198	15.9	14.2
27 weeks and over	1,284	1,205	14.7	11.8	1,199	1,095	16.9	13.0
27 to 51 weeks	785	564	8.5	5.5	707	497	9.9	5.9
52 weeks and over	539	641	6.2	6.3	492	598	6.9	7.1
Average (mean) duration, in weeks	13.8	13.0	--	--	15.1	14.0	--	--
Median duration, in weeks	7.0	6.8	--	--	8.3	7.7	--	--

A-18. Unemployed persons by sex, age, race, marital status, and duration of unemployment

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	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			Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
	January 1982										
Total, 16 years and over	10,183	4,361	3,243	1,374	1,205	13.0	6.8	42.4	42.8	29.4	25.3
16 to 21 years	2,851	1,404	799	364	285	11.0	5.2	52.6	49.2	21.2	22.7
16 to 19 years	1,849	910	524	229	186	10.8	5.2	54.7	49.2	18.7	22.4
20 to 24 years	2,371	1,019	763	339	250	12.6	6.7	45.2	43.0	27.0	24.8
25 to 34 years	2,826	1,191	933	396	306	13.1	6.9	38.8	42.1	32.1	24.8
35 to 44 years	1,482	569	476	223	215	14.2	8.1	38.0	38.4	35.7	29.5
45 to 54 years	946	392	301	114	139	14.7	7.3	33.0	41.4	37.0	26.8
55 to 64 years	625	244	216	64	102	15.0	7.6	27.0	39.0	38.4	26.5
65 years and over	85	37	32	10	6	12.2	5.9	56.2	43.7	23.9	18.9
Males, 16 years and over	6,117	2,352	2,128	849	787	13.8	7.6	37.1	38.5	32.4	26.7
16 to 21 years	1,661	757	517	208	179	11.6	6.1	47.9	45.6	23.2	23.3
16 to 19 years	1,052	475	334	125	118	11.4	6.1	50.4	45.1	19.9	23.1
20 to 24 years	1,479	569	515	226	167	13.5	7.7	37.6	38.5	31.3	26.6
25 to 34 years	1,733	644	625	263	202	13.7	7.8	32.6	37.1	36.0	26.8
35 to 44 years	852	284	310	122	137	15.1	8.8	33.5	33.3	37.8	30.4
45 to 54 years	557	220	179	68	90	15.7	7.6	29.0	39.5	40.9	28.3
55 to 64 years	386	136	143	38	69	16.0	8.2	26.3	35.3	39.5	27.7
65 years and over	57	24	22	6	5	13.8	6.2	(1)	(1)	(1)	(1)
Females, 16 years and over	4,066	2,008	1,115	525	418	11.8	5.2	49.8	49.4	25.2	23.2
16 to 21 years	1,190	647	282	155	106	10.2	4.6	59.6	54.4	18.3	21.9
16 to 19 years	797	435	190	103	68	10.0	4.6	61.0	54.6	16.9	21.5
20 to 24 years	892	450	247	113	82	11.0	5.0	57.0	50.4	20.2	21.9
25 to 34 years	1,092	547	308	133	105	12.2	5.0	47.2	50.1	26.8	21.7
35 to 44 years	630	285	166	100	79	12.9	6.5	43.0	45.3	33.5	28.4
45 to 54 years	388	171	121	47	49	13.3	6.7	38.6	44.1	31.6	24.7
55 to 64 years	239	107	73	25	34	13.2	6.2	28.0	44.9	36.7	24.6
65 years and over	28	13	10	4	1	8.9	5.6	(1)	(1)	(1)	(1)
White, 16 years and over	8,046	3,485	2,631	1,039	892	12.4	6.6	43.1	43.3	28.4	24.0
Males	4,919	1,935	1,737	654	593	13.1	7.4	38.0	39.3	30.9	25.3
Females	3,126	1,549	893	385	299	11.2	5.1	50.5	49.6	24.6	21.9
Black and other, 16 years and over	2,138	876	613	335	313	15.2	7.5	39.8	41.0	33.3	30.3
Males	1,197	417	391	195	194	16.6	8.9	33.3	34.8	38.4	32.5
Females	940	459	222	140	119	13.5	5.4	47.6	48.9	27.3	27.6
Males, 16 years and over:											
Married, spouse present	2,554	908	965	352	330	14.2	8.0	33.7	35.5	34.8	26.7
Widowed, divorced, or separated	709	265	225	105	115	16.5	8.4	32.8	37.3	38.6	31.0
Single (never married)	2,854	1,180	939	393	342	12.8	7.1	40.8	41.4	29.1	25.7
Females, 16 years and over:											
Married, spouse present	1,714	847	516	198	152	11.2	5.2	49.9	49.4	24.8	20.4
Widowed, divorced, or separated	844	378	256	109	100	12.4	6.4	41.2	44.8	31.9	24.8
Single (never married)	1,509	783	342	218	166	12.0	4.8	54.8	51.9	21.8	25.4

- 1 Percent not shown where base is less than 75,000.

NOTE: 1982 data in these tables reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-19. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Median duration, in weeks	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	6 to 14 weeks	15 to 26 weeks	27 weeks and over			Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
	January 1982										
OCCUPATION											
White-collar workers	2,501	1,123	655	426	297	13.0	6.7	46.9	44.9	28.7	28.9
Professional and managerial	832	345	203	169	115	14.6	8.4	44.4	41.5	31.1	34.1
Sales workers	379	182	109	55	33	11.2	5.8	50.9	47.9	20.4	23.4
Clerical workers	1,289	596	344	201	149	12.5	6.1	47.4	46.2	29.5	27.1
Blue-collar workers	5,064	2,002	1,843	631	588	13.3	7.3	34.7	39.5	33.2	24.1
Craft and kindred workers	1,474	583	603	160	128	11.7	6.9	36.8	39.6	29.3	19.5
Operatives, except transport	2,026	832	670	260	263	13.8	7.4	33.0	41.1	36.7	25.8
Transport equipment operatives	478	165	179	64	71	15.0	8.1	35.5	34.5	31.9	28.1
Nonfarm laborers	1,087	421	391	148	126	13.7	7.3	34.9	38.8	32.5	25.3
Service workers	1,475	699	440	166	169	12.4	5.7	52.5	47.4	23.1	22.7
INDUSTRY¹											
Agriculture	296	128	124	29	15	9.4	5.9	44.1	43.1	18.7	15.1
Construction	1,282	522	514	134	112	11.5	6.9	35.8	40.8	23.2	19.1
Manufacturing	2,616	1,058	902	357	298	13.5	7.3	32.9	40.5	39.7	25.1
Durable goods	1,653	635	583	230	205	14.2	7.9	30.3	38.4	44.5	26.3
Nondurable goods	963	423	319	128	93	12.2	6.5	36.6	44.0	32.6	22.9
Transportation and public utilities	502	184	163	79	76	16.2	8.1	41.2	36.6	33.8	30.9
Wholesale and retail trade	1,964	961	558	240	205	11.6	5.3	48.8	48.9	24.0	22.6
Finance and service industries	1,990	843	581	303	261	13.7	7.1	47.5	42.4	26.6	28.4
Public administration	268	89	66	51	61	18.4	12.7	36.1	33.4	38.9	42.0
No previous work experience	925	434	224	128	140	13.1	6.2	52.4	46.9	23.5	28.9

¹ Includes wage and salary workers only.

A-20. Employed persons by industry, age, and sex

[In thousands]

Industry and age	Total		Males		Females	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
	All industries	98,139	97,831	55,993	55,300	42,146	42,531
16 to 19 years	6,811	6,066	3,526	3,139	3,285	2,927
18 to 17 years	2,601	2,302	1,332	1,181	1,269	1,121
18 to 19 years	4,210	3,764	2,194	1,958	2,016	1,806
20 to 24 years	13,744	13,406	7,222	7,031	6,522	6,374
25 to 54 years	63,325	64,250	36,627	36,704	26,698	27,546
25 to 34 years	27,419	27,991	15,843	15,869	11,576	12,122
35 to 44 years	19,634	20,411	11,353	11,599	8,281	8,811
45 to 54 years	16,272	15,847	9,430	9,235	6,841	6,612
55 to 64 years	11,849	11,302	6,874	6,707	4,575	4,595
55 to 59 years	7,047	6,960	4,220	4,119	2,827	2,841
60 to 64 years	4,802	4,342	2,654	2,588	1,749	1,753
65 years and over	2,810	2,808	1,744	1,719	1,066	1,089
Nonegricultural industries	95,232	94,948	53,603	52,945	41,629	42,003
16 to 19 years	6,554	5,835	3,315	2,947	3,239	2,889
18 to 17 years	2,483	2,193	1,238	1,090	1,246	1,103
18 to 19 years	4,071	3,642	2,077	1,857	1,994	1,785
20 to 24 years	13,398	13,092	6,944	6,775	6,454	6,316
25 to 54 years	61,762	62,647	35,390	35,437	26,372	27,210
25 to 34 years	26,836	27,356	15,367	15,362	11,469	11,994
35 to 44 years	19,148	19,918	10,975	11,206	8,173	8,712
45 to 54 years	15,778	15,373	9,048	8,868	6,730	6,505
55 to 64 years	10,977	10,828	6,458	6,314	4,519	4,514
55 to 59 years	6,804	6,708	4,011	3,915	2,793	2,793
60 to 64 years	4,173	4,120	2,447	2,399	1,726	1,720
65 years and over	2,540	2,546	1,495	1,472	1,045	1,074
Agriculture	2,908	2,883	2,391	2,355	517	527
16 to 19 years	257	231	211	192	45	39
18 to 17 years	118	109	94	91	23	18
18 to 19 years	139	121	117	101	22	20
20 to 24 years	346	314	277	256	68	58
25 to 54 years	1,563	1,603	1,237	1,268	326	335
25 to 34 years	583	635	475	507	107	128
35 to 44 years	486	493	378	393	108	100
45 to 54 years	494	474	383	367	111	107
55 to 64 years	472	474	416	393	56	81
55 to 59 years	243	252	209	204	34	48
60 to 64 years	229	222	207	189	22	33
65 years and over	270	262	249	247	21	15

NOTE: 1982 data in these tables reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
	TOTAL	98,139	97,831	52,467	52,162	38,862	39,603	3,526	3,139	3,285	2,927
White-collar workers	52,707	52,872	23,805	23,931	26,426	26,872	690	564	1,785	1,505
Professional and technical	16,475	17,021	8,984	9,271	7,297	7,623	84	64	110	63
Health workers	3,094	3,187	1,009	1,034	2,053	2,139	4	3	28	11
Teachers, except college	3,372	3,449	1,000	990	2,352	2,444	4	4	16	11
Other professional and technical	10,009	10,385	6,975	7,247	2,892	3,040	76	57	66	41
Managers and administrators, except farm	11,567	11,091	8,211	8,030	3,239	2,967	75	54	42	40
Salaried workers	9,646	9,353	6,825	6,694	2,714	2,569	68	50	40	39
Self-employed workers in retail trade	899	806	555	558	340	244	4	2	--	1
Self-employed workers, except retail trade	1,022	931	831	778	185	153	3	1	2	--
Sales workers	6,310	6,448	3,272	3,306	2,401	2,561	217	206	420	375
Retail trade	3,146	3,265	974	1,040	1,625	1,727	162	158	385	340
Other industries	3,164	3,183	2,299	2,266	776	834	54	48	35	35
Clerical workers	18,354	18,312	3,338	3,324	13,489	13,720	315	241	1,213	1,027
Stenographers, typists, and secretaries	4,997	4,742	72	48	4,647	4,467	3	9	275	217
Other clerical workers	13,357	13,570	3,266	3,276	8,842	9,253	312	232	938	810
Blue-collar workers	30,085	29,150	22,732	22,140	5,374	5,289	1,683	1,504	297	216
Craft and kindred workers	12,237	11,987	11,122	10,875	716	811	371	276	28	24
Carpenters	1,149	561	1,093	910	21	13	32	38	2	1
Construction craft workers, except carpenters	2,412	2,286	2,298	2,177	24	47	91	60	--	1
Mechanics and repairers	3,335	3,443	3,138	3,269	51	67	145	104	1	2
Metal craft workers	1,244	1,172	1,157	1,085	58	57	28	29	--	2
Blue-collar worker supervisors, not elsewhere classified	1,795	1,763	1,581	1,552	209	210	4	1	1	--
All other	2,302	2,362	1,854	1,882	353	417	71	45	25	18
Operatives, except transport	10,413	9,797	5,791	5,420	3,947	3,780	490	451	184	146
Durable goods manufacturing	4,521	4,290	2,848	2,677	1,494	1,421	126	154	54	39
Nondurable goods manufacturing	3,292	3,060	1,263	1,211	1,840	1,728	103	65	86	57
Other industries	2,601	2,447	1,680	1,533	612	632	262	232	45	50
Transport equipment operatives	3,374	3,360	2,951	2,915	268	309	139	128	16	9
Drivers, motor vehicles	2,883	2,917	2,499	2,524	250	277	119	108	16	8
All other	491	444	452	391	19	32	20	20	--	1
Nonfarm laborers	4,062	4,006	2,869	2,930	442	389	683	649	68	37
Construction	667	558	574	483	16	9	76	65	1	1
Manufacturing	922	955	694	749	160	143	63	62	5	2
Other industries	2,472	2,492	1,602	1,698	265	237	543	522	62	34
Service workers	12,978	13,419	4,101	4,247	6,731	7,094	976	906	1,170	1,172
Private household workers	1,010	1,060	25	26	783	824	18	13	184	197
Service workers, except private household	11,968	12,359	4,075	4,221	5,948	6,269	958	893	987	975
Food service workers	4,377	4,552	903	968	2,187	2,317	624	600	664	667
Protective service workers	1,441	1,576	1,269	1,372	143	181	21	16	9	6
All other	6,150	6,231	1,903	1,881	3,618	3,771	313	277	314	302
Farm workers	2,369	2,391	1,829	1,843	330	349	178	166	32	34
Farmers and farm managers	1,377	1,383	1,219	1,221	139	147	20	12	--	2
Farm laborers and supervisors	992	1,009	611	622	191	201	158	153	32	32
Paid workers	817	783	583	567	90	97	117	95	26	24
Unpaid family workers	175	225	27	55	100	104	41	59	7	8

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-22. Employed persons by occupation, race, and sex

[Percent distribution]

Occupation and race	Total		Males		Females	
	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982
TOTAL						
Total, 16 years and over (thousands)	98,139	97,831	55,993	55,300	42,146	42,531
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	53.7	54.0	43.7	44.3	66.9	66.7
Professional and technical	16.8	17.4	16.2	16.9	17.6	18.1
Managers and administrators, except farm	11.8	11.3	14.8	14.6	7.8	7.1
Sales workers	6.4	6.6	6.2	6.4	6.7	6.9
Clerical workers	18.7	18.7	6.5	6.4	34.9	34.7
Blue-collar workers	30.7	29.8	43.6	42.8	13.5	12.9
Craft and kindred workers	12.5	12.3	20.5	20.2	1.8	2.0
Operatives, except transport	10.6	10.0	11.2	10.6	9.8	9.2
Transport equipment operatives	3.4	3.4	5.5	5.5	.7	.7
Nonfarm laborers	4.1	4.1	6.3	6.5	1.2	1.0
Service workers	13.2	13.7	9.1	9.3	18.7	19.4
Private household workers	1.0	1.1	.1	.1	2.3	2.4
Other service workers	12.2	12.6	9.0	9.2	16.5	17.0
Farm workers	2.4	2.4	3.6	3.6	.9	.9
Farmers and farm managers	1.4	1.4	2.2	2.2	.3	.4
Farm laborers and supervisors	1.0	1.0	1.4	1.4	.5	.5
White						
Total, 16 years and over (thousands)	86,535	86,378	49,972	49,454	36,563	36,924
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	55.4	55.5	45.4	45.7	69.0	68.8
Professional and technical	17.2	17.8	16.8	17.3	17.8	18.4
Managers and administrators, except farm	12.5	12.1	15.7	15.4	8.2	7.6
Sales workers	6.9	7.1	6.6	6.8	7.2	7.5
Clerical workers	18.7	18.6	6.3	6.2	35.7	35.3
Blue-collar workers	30.1	29.4	42.7	42.1	12.9	12.4
Craft and kindred workers	12.9	12.7	21.0	20.7	1.8	2.0
Operatives, except transport	10.1	9.5	10.8	10.1	9.2	8.6
Transport equipment operatives	3.2	3.3	5.1	5.2	.7	.8
Nonfarm laborers	3.8	3.9	5.8	6.0	1.2	1.0
Service workers	12.0	12.5	8.2	8.5	17.1	17.9
Private household workers	.8	.8	.1	(1)	1.8	1.9
Other service workers	11.2	11.7	8.2	8.5	15.4	16.0
Farm workers	2.5	2.6	3.7	3.7	.9	1.0
Farmers and farm managers	1.5	1.6	2.4	2.4	.4	.4
Farm laborers and supervisors	1.0	1.0	1.3	1.3	.6	.6
Black and other						
Total, 16 years and over (thousands)	11,604	11,453	6,021	5,846	5,583	5,607
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	41.3	42.8	30.2	32.7	53.3	53.3
Professional and technical	13.7	14.5	11.5	13.3	15.9	15.7
Managers and administrators, except farm	6.1	5.9	7.3	7.9	4.8	3.8
Sales workers	2.9	2.9	2.8	2.6	3.1	3.3
Clerical workers	18.6	19.5	8.5	8.9	29.5	30.5
Blue-collar workers	34.6	33.0	51.0	48.6	16.8	16.7
Craft and kindred workers	9.2	8.8	16.5	15.8	1.3	1.5
Operatives, except transport	14.1	14.0	14.7	14.6	13.6	13.4
Transport equipment operatives	5.0	4.4	8.9	7.9	.7	.7
Nonfarm laborers	6.3	5.8	11.0	10.4	1.3	1.1
Service workers	22.5	22.7	16.0	16.0	29.5	29.6
Private household workers	2.9	3.0	.3	.3	5.8	5.8
Other service workers	19.6	19.6	15.8	15.7	23.7	23.8
Farm workers	1.6	1.6	2.8	2.8	.4	.4
Farmers and farm managers	.4	.2	.7	.4	(1)	.1
Farm laborers and supervisors	1.3	1.4	2.1	2.4	.3	.3

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-23. Employed persons by age, sex, and class of worker

[In thousands]

Age and sex	January 1982								
	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, 16 years and over	87,775	1,151	15,718	70,906	6,797	376	1,124	1,513	245
16 to 19 years	5,743	238	389	5,117	77	15	150	14	66
16 to 17 years	2,150	172	115	1,863	39	4	63	7	39
18 to 19 years	3,593	65	273	3,254	39	11	87	7	27
20 to 24 years	12,739	88	1,400	11,252	313	40	214	67	32
25 to 34 years	25,588	192	4,593	20,803	1,694	75	286	295	54
35 to 44 years	18,119	134	3,889	14,096	1,702	96	199	263	31
45 to 54 years	13,875	161	3,050	10,664	1,421	78	140	301	33
55 to 64 years	9,711	204	2,090	7,416	1,055	62	111	341	22
55 to 59 years	6,041	133	1,323	4,586	630	37	73	165	14
60 to 64 years	3,670	71	768	2,831	425	25	38	176	7
65 years and over	2,000	135	307	1,558	535	12	24	231	7
Males, 16 years and over	48,216	120	7,728	40,368	4,691	38	908	1,334	114
16 to 19 years	2,895	42	173	2,681	44	7	121	13	58
16 to 17 years	1,066	32	46	988	22	2	47	8	37
18 to 19 years	1,829	9	127	1,693	22	5	74	5	22
20 to 24 years	6,552	16	566	5,971	211	12	173	59	25
25 to 34 years	14,205	24	2,188	11,992	1,152	6	227	258	22
35 to 44 years	10,057	5	1,920	8,132	1,150	--	160	231	2
45 to 54 years	7,863	10	1,623	6,230	1,002	3	118	249	--
55 to 64 years	5,536	9	1,076	4,452	771	7	84	308	1
55 to 59 years	3,446	6	685	2,755	465	4	57	147	1
60 to 64 years	2,091	3	391	1,697	306	2	28	161	1
65 years and over	1,107	14	183	910	361	4	24	217	6
Females, 16 years and over	39,559	1,031	7,990	30,538	2,106	338	217	179	131
16 to 19 years	2,848	196	216	2,436	33	7	29	2	8
16 to 17 years	1,084	140	69	875	17	2	16	--	3
18 to 19 years	1,764	56	147	1,561	16	5	13	2	5
20 to 24 years	6,187	72	834	5,281	102	28	42	8	8
25 to 34 years	11,383	168	2,405	8,811	542	69	59	37	32
35 to 44 years	8,062	129	1,969	5,964	553	97	38	33	29
45 to 54 years	6,012	151	1,427	4,434	418	75	22	52	33
55 to 64 years	4,174	195	1,015	2,965	284	55	27	34	20
55 to 59 years	2,596	127	638	1,831	165	32	17	18	14
60 to 64 years	1,579	68	377	1,134	119	23	10	16	7
65 years and over	893	121	124	649	174	7	--	14	1

A-24. Employed persons by industry and occupation

[In thousands]

Industry	January 1982											
	Total employed	White-collar workers				Blue-collar workers				Service workers		Farm workers
		Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	2,883	82	26	10	72	75	11	16	187	--	13	2,391
Mining	1,103	179	134	3	122	259	326	40	26	--	14	--
Construction	5,315	215	693	42	484	2,897	218	170	558	--	38	--
Manufacturing	20,695	2,624	1,637	494	2,591	3,966	7,350	719	955	--	359	--
Durable goods	12,346	1,784	996	164	1,524	2,538	4,290	331	537	--	182	--
Non-durable goods	8,349	840	641	330	1,067	1,428	3,060	388	418	--	177	--
Transportation and public utilities	6,464	679	657	91	1,500	1,358	123	1,406	447	--	202	--
Wholesale and retail trade	20,075	479	3,883	4,261	3,509	1,422	847	717	1,208	--	3,749	--
Wholesale trade	3,924	149	807	997	782	344	170	366	286	--	23	--
Retail trade	16,150	330	3,076	3,265	2,727	1,078	677	350	922	--	3,726	--
Finance, insurance, and real estate	6,296	413	1,241	1,383	2,795	107	5	11	75	--	266	--
Services	29,815	11,337	2,164	152	5,428	1,605	856	211	434	1,060	6,570	--
Private households	1,203	3	--	--	13	8	--	10	68	1,060	43	--
Other service industries	28,612	11,334	2,164	152	5,415	1,597	856	201	366	--	6,527	--
Public administration	5,186	1,013	655	9	1,811	297	63	72	116	--	1,149	--

NOTE: Data in these tables reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-25. Employed persons with a job but not at work by reason, sex, and pay status

(In thousands)

Reason not working and sex	All industries		Nonagricultural industries					
			Total		Wage and salary workers ¹			
	Jan. 1981				Jan. 1982		Paid absences ²	
			Jan. 1981	Jan. 1982			Jan. 1981	Jan. 1982
Total, 16 years and over	3,929	4,923	3,765	4,703	1,405	1,577	1,736	2,304
Vacation	1,025	1,137	982	1,092	533	634	328	341
Illness	1,732	1,486	1,699	1,454	666	619	843	692
Bad weather	201	1,178	173	1,079	--	--	--	--
Industrial dispute	31	24	31	21	--	--	--	--
All other reasons	940	1,099	880	1,058	206	324	565	1,271
Males, 16 years and over	2,182	2,801	2,036	2,603	818	926	822	1,164
Vacation	577	647	540	615	338	417	134	137
Illness	940	792	911	762	381	343	426	337
All other reasons ³	664	1,363	585	1,226	99	166	263	690
Females, 16 years and over	1,748	2,122	1,729	2,100	588	651	915	1,140
Vacation	448	490	441	477	196	217	196	204
Illness	791	694	788	691	285	276	417	355
All other reasons ³	508	938	499	932	106	158	302	581

¹ Excludes private household workers.³ Includes bad weather and industrial dispute, not shown separately.² Pay status not available separately for bad weather and industrial dispute; these categories are included in "all other reasons."

NOTE: Estimates for "all other reasons" by pay status may be biased because of high response variance; data should be used with caution.

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

A-26. Persons at work by hours of work and industry

Hours of work	January 1982					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total, 16 years and over	92,908	90,245	2,663	100.0	100.0	100.0
1-34 hours	30,827	29,868	959	33.2	33.1	36.0
1-4 hours	1,018	957	61	1.1	1.1	2.3
5-14 hours	5,793	5,529	264	6.2	6.1	9.9
15-29 hours	14,692	14,261	431	15.8	15.8	16.2
30-34 hours	9,324	9,121	203	10.0	10.1	7.6
35 hours and over	62,081	60,377	1,704	66.8	66.9	64.0
35-39 hours	6,831	6,656	174	7.4	7.4	6.5
40 hours	35,078	34,621	457	37.8	38.4	17.2
41 hours and over	20,172	19,100	1,073	21.7	21.2	40.3
41 to 48 hours	7,886	7,641	245	8.5	8.5	9.2
49 to 59 hours	7,121	6,797	324	7.7	7.5	12.2
60 hours and over	5,165	4,662	504	5.6	5.2	18.9
Average hours, total at work	36.4	36.3	40.0	--	--	--
Average hours, workers on full-time schedules	40.7	40.5	47.4	--	--	--

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

HOUSEHOLD DATA

A-27. Persons at work 1 to 34 hours by reason for working less than 35 hours and usual status

[Numbers in thousands]

Reason for working less than 35 hours	January 1982					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over	30,827	14,677	16,150	29,868	14,238	15,629
Economic reasons	5,056	2,019	3,037	4,847	1,885	2,962
Slack work	2,859	1,827	1,032	2,684	1,700	984
Material shortages or repairs to plant and equipment	53	53	--	50	50	--
New job started during week	100	100	--	98	98	--
Job terminated during week	40	40	--	38	38	--
Could find only part-time work	2,005	--	2,005	1,978	--	1,978
Other reasons	25,771	12,658	13,113	25,023	12,355	12,668
Does not want, or unavailable for, full-time work	10,913	--	10,913	10,590	--	10,590
Vacation	647	647	--	645	645	--
Illness	1,906	1,740	166	1,880	1,717	163
Bad weather	8,125	8,125	--	7,889	7,889	--
Industrial dispute	4	4	--	4	4	--
Legal or religious holiday	833	833	--	832	832	--
Full time for this job	1,410	--	1,410	1,353	--	1,353
All other reasons	1,933	1,309	624	1,829	1,267	562
Average hours:						
Economic reasons	21.1	24.0	19.2	21.2	24.2	19.3
Other reasons	21.5	25.2	18.0	21.6	25.3	18.0
Worked 30 to 34 hours:						
Economic reasons	1,421	868	553	1,380	831	549
Other reasons	7,903	5,869	2,034	7,741	5,781	1,960

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	January 1982								
	Full- or part-time status						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, 16 years and over ¹	90,245	4,847	12,668	72,730	53,630	7,641	11,459	36.3	40.5
Wage and salary workers	83,800	4,234	11,500	68,066	51,220	7,151	9,695	36.2	40.1
Construction	3,809	277	169	3,363	2,620	279	464	36.0	38.2
Manufacturing	19,502	843	583	18,076	14,175	2,071	1,830	38.2	39.4
Durable goods	11,631	368	235	11,028	8,726	1,263	1,039	38.7	39.6
Nondurable goods	7,870	476	348	7,046	5,447	808	791	37.3	39.2
Transportation and public utilities	5,858	207	387	5,264	3,837	559	868	39.4	41.6
Wholesale and retail trade	17,427	1,378	4,344	11,705	7,898	1,581	2,226	34.3	41.7
Finance, insurance, and real estate	5,666	120	519	5,027	3,896	482	649	37.8	40.1
Service industries	25,504	1,301	5,222	18,981	14,517	1,665	2,799	34.1	39.6
Private households	1,057	208	550	299	221	30	48	20.3	40.6
All other industries	24,447	1,093	4,672	18,682	14,296	1,635	2,751	34.7	39.6
Public administration	5,025	81	254	4,690	3,734	386	570	38.5	39.9
Self-employed workers	6,069	593	1,041	4,435	2,258	468	1,709	38.2	45.9
Unpaid family workers	376	19	127	230	153	22	55	35.1	43.5

¹ Includes mining, not shown separately.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-29. Persons at work in nonagricultural industries by sex, age, race, marital status, and full- or part-time status

(Numbers in thousands)

Sex, age, race, and marital status	January 1982							
	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		
TOTAL								
Both sexes, 16 years and over	90,245	4,847	12,668	72,730	53,630	19,100	36.3	40.5
16 to 21 years	10,107	961	4,186	4,960	4,079	881	27.6	38.8
16 to 19 years	5,546	518	3,180	1,848	1,545	303	23.2	37.9
16 to 17 years	2,087	98	1,812	177	152	25	16.2	36.2
18 to 19 years	3,459	420	1,368	1,671	1,393	278	27.3	38.1
20 years and over	84,699	4,329	9,488	70,882	52,085	18,797	37.2	40.6
20 to 24 years	12,505	961	1,947	9,597	7,460	2,137	35.1	39.7
25 years and over	72,193	3,366	7,541	61,286	44,625	16,661	37.5	40.7
25 to 44 years	45,260	2,117	4,083	39,060	28,080	10,980	38.0	40.9
45 to 64 years	24,687	1,138	2,416	21,133	15,771	5,362	37.5	40.4
65 years and over	2,247	113	1,042	1,092	773	319	28.4	40.8
Males, 16 years and over	50,342	2,138	3,732	44,472	29,813	14,659	39.5	42.2
16 to 21 years	5,134	461	1,942	2,731	2,120	611	29.1	39.4
16 to 19 years	2,809	249	1,517	1,043	824	219	24.6	38.4
16 to 17 years	1,032	47	870	115	101	14	17.4	35.6
18 to 19 years	1,777	202	648	927	723	204	28.7	38.7
20 years and over	47,533	1,888	2,214	43,431	28,992	14,439	40.4	42.3
20 to 24 years	6,475	424	776	5,275	3,790	1,485	37.1	40.9
25 years and over	41,058	1,465	1,438	38,155	25,201	12,954	41.0	42.4
25 to 44 years	25,500	914	534	24,052	15,570	8,482	41.4	42.6
45 to 64 years	14,272	492	369	13,411	9,177	4,234	40.9	42.2
65 years and over	1,286	60	535	691	452	239	30.6	41.9
Females, 16 years and over	39,903	2,709	8,936	28,258	23,816	4,442	32.3	37.8
16 to 21 years	4,973	500	2,243	2,230	1,960	270	26.0	37.9
16 to 19 years	2,737	269	1,663	805	722	83	21.7	37.3
16 to 17 years	1,055	50	942	63	52	11	15.1	37.3
18 to 19 years	1,682	219	721	742	669	73	25.9	37.4
20 years and over	37,166	2,440	7,274	27,452	23,094	4,358	33.1	37.9
20 to 24 years	6,030	537	1,171	4,322	3,670	652	33.0	38.3
25 years and over	31,135	1,903	6,102	23,130	19,423	3,707	33.1	37.8
25 to 44 years	19,759	1,203	3,549	15,007	12,509	2,498	33.5	37.8
45 to 64 years	10,415	645	2,048	7,722	6,594	1,128	33.0	37.6
65 years and over	961	54	506	401	321	80	25.5	38.9
RACE								
White	79,742	4,084	11,656	64,002	46,145	17,857	36.6	40.9
Males	45,040	1,832	3,406	39,802	26,013	13,789	39.8	42.6
Females	34,702	2,252	8,250	24,200	20,133	4,067	32.3	38.1
Black and other	10,503	762	1,012	6,729	7,486	1,243	34.5	37.7
Males	5,302	306	326	4,670	3,801	869	36.8	39.1
Females	5,201	456	686	4,059	3,685	374	32.3	36.2
MARITAL STATUS								
Males, 16 years and over:								
Married, spouse present	34,462	1,128	1,058	32,276	21,052	11,224	41.1	42.5
Widowed, divorced, or separated	4,423	227	196	4,000	2,669	1,331	40.5	42.7
Single (never married)	11,457	782	2,478	8,197	6,093	2,104	34.4	40.9
Females, 16 years and over:								
Married, spouse present	22,123	1,377	5,342	15,404	13,145	2,259	31.9	37.5
Widowed, divorced, or separated	7,957	587	994	6,376	5,273	1,103	34.5	38.0
Single (never married)	9,823	746	2,600	6,477	5,399	1,078	31.2	38.5

NOTE: Data in this table reflect the introduction of 1980 census population controls.
See article in this issue for additional information.

HOUSEHOLD DATA

A-30. Persons at work in nonfarm occupations by sex and full- or part-time status

[Numbers in thousands]

Occupation and sex	January 1982								
	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
Total, 16 years and over	90,699	4,889	12,744	73,066	53,833	7,684	11,549	36.3	40.5
White-collar workers	50,718	1,617	6,989	42,112	30,199	4,384	7,529	37.2	40.9
Professional and technical	16,320	363	1,853	14,104	9,983	1,537	2,584	37.6	40.6
Managers and administrators, except farm	10,628	157	493	9,978	5,550	1,236	3,192	43.3	44.8
Sales workers	6,087	355	1,455	4,247	2,791	518	938	34.7	41.8
Clerical workers	17,683	714	3,188	13,781	11,873	1,094	814	34.1	38.2
Blue-collar workers	27,267	1,899	1,777	23,591	17,825	2,691	3,075	37.2	39.9
Craft and kindred workers	11,224	582	399	10,243	7,319	1,310	1,614	39.0	40.8
Operatives, except transport	9,250	711	483	8,056	6,677	777	602	36.0	38.1
Transport equipment operatives	3,100	236	271	2,593	1,647	321	625	39.0	42.9
Nonfarm laborers	3,692	371	625	2,696	2,178	283	235	33.1	38.5
Service workers	12,714	1,373	3,978	7,363	5,809	609	945	30.9	40.3
Private household	970	188	491	291	217	27	47	21.0	40.9
Other service workers	11,744	1,185	3,487	7,072	5,592	582	898	31.7	40.3
Males, 16 years and over	50,657	2,169	3,766	44,722	29,959	5,388	9,375	39.5	42.2
White-collar workers	23,599	494	1,415	21,690	13,176	2,654	5,860	41.6	43.6
Professional and technical	9,018	136	490	8,392	5,398	970	2,024	41.2	42.9
Managers and administrators, except farm	7,759	109	201	7,449	3,763	950	2,736	44.9	46.0
Sales workers	3,367	129	379	2,859	1,676	404	779	39.6	43.2
Clerical workers	3,455	120	345	2,990	2,339	330	321	37.3	40.0
Blue-collar workers	22,131	1,331	1,261	19,539	14,220	2,392	2,927	38.2	40.7
Craft and kindred workers	10,446	522	297	9,627	6,807	1,249	1,571	39.4	41.0
Operatives, except transport	5,576	313	262	5,001	3,900	576	525	38.0	39.8
Transport equipment operatives	2,815	189	153	2,473	1,555	306	612	40.3	43.2
Nonfarm laborers	3,294	307	549	2,438	1,958	261	219	33.3	38.6
Service workers	4,927	344	1,090	3,493	2,563	342	588	35.1	42.2
Private household	37	3	23	11	10	1	--	16.1	38.7
Other service workers	4,890	341	1,067	3,482	2,553	341	588	35.3	42.2
Females, 16 years and over	40,042	2,723	8,978	28,341	23,870	2,297	2,174	32.3	37.9
White-collar workers	27,119	1,124	5,574	20,421	17,022	1,730	1,669	33.4	38.1
Professional and technical	7,302	227	1,363	5,712	4,583	567	562	33.1	37.3
Managers and administrators, except farm	2,869	48	292	2,529	1,787	286	456	38.7	41.1
Sales workers	2,720	256	1,076	1,388	1,115	114	159	28.7	39.0
Clerical workers	14,228	593	2,843	10,792	9,535	764	493	33.3	37.7
Blue-collar workers	5,136	569	516	4,051	3,603	300	148	32.7	35.9
Craft and kindred workers	778	60	102	616	511	62	43	34.3	38.1
Operatives, except transport	3,674	398	221	3,055	2,778	201	76	33.0	35.2
Transport equipment operatives	285	47	118	120	90	16	14	25.6	37.5
Nonfarm laborers	399	64	75	260	223	21	16	31.1	37.2
Service workers	7,787	1,030	2,888	3,869	3,245	267	357	28.2	38.6
Private household	933	166	468	279	206	26	47	21.2	41.0
Other service workers	6,854	864	2,420	3,590	3,039	241	310	29.1	38.4

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-31. Employment status of 14- and 15-year-olds by sex and race

[Numbers in thousands]

Employment status	January 1982								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	7,239	3,685	3,554	5,986	3,070	2,916	1,253	615	639
Civilian labor force	995	511	484	926	470	456	69	41	29
Employed	863	437	425	821	410	411	42	28	14
Agriculture	72	57	15	67	52	15	5	5	--
Nonagricultural industries	790	381	410	754	358	396	37	23	14
Unemployed	132	74	59	105	61	44	27	13	15
Unemployment rate	13.3	14.5	12.2	11.3	13.0	9.7	(1)	(1)	(1)
Not in labor force	6,244	3,174	3,070	5,059	2,599	2,460	1,184	574	610
Keeping house	34	--	34	27	1	26	8	--	8
Going to school	5,889	3,003	2,885	4,784	2,462	2,322	1,105	541	564
Unable to work	--	--	--	--	--	--	1	--	--
All other reasons	320	170	150	249	137	112	71	34	38

¹ Percent not shown where base is less than 75,000.

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

A-32. Employed 14- and 15-year-olds by class of worker, occupation, and sex

Class of worker and occupation	January 1982					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	863	437	425	100.0	100.0	100.0
Nonagricultural industries	790	381	410	91.5	87.0	96.5
Wage and salary workers	709	325	325	82.2	74.2	90.4
Private household workers	301	57	244	34.9	13.0	57.4
Government workers	26	16	10	3.0	3.7	2.4
Other wage and salary workers	383	253	130	44.4	57.8	30.6
Self-employed workers	75	49	25	8.7	11.2	5.9
Unpaid family workers	6	6	1	.7	1.4	.2
Agriculture	72	57	15	8.3	13.0	3.5
Wage and salary workers	43	35	8	5.0	8.0	1.9
Self-employed workers	4	4	--	.5	.9	--
Unpaid family workers	25	18	7	2.9	4.1	1.6
OCCUPATION						
Total	863	437	425	100.0	100.0	100.0
White collar workers	244	169	75	28.3	38.6	17.6
Professional and technical	10	5	5	1.2	1.1	1.2
Managers and administrators, except farm	2	1	1	.2	.2	.2
Sales workers	192	146	46	22.2	33.3	10.8
Clerical workers	41	17	24	4.8	3.9	5.6
Blue collar workers	117	107	9	13.6	24.4	2.1
Craft and kindred workers	3	4	--	.3	.9	--
Operatives, except transport	20	18	2	2.3	4.1	.5
Transport equipment operatives	9	4	5	1.0	.9	1.2
Nonfarm laborers	84	82	2	9.7	18.7	.5
Service workers	436	108	328	50.5	24.7	77.2
Private household workers	266	17	250	30.8	3.9	58.8
Other service workers	170	91	78	19.7	20.8	18.4
Farm workers	66	53	13	7.6	12.1	3.1
Farmers and farm managers	3	2	--	.3	.5	--
Farm laborers and supervisors	63	51	12	7.3	11.6	2.8

NOTE: Data in this table reflect the introduction of 1980 census population controls. See article in this issue for additional information.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

[Numbers in thousands]

Employment status, sex, and age	1981												16	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
TOTAL														
Total noninstitutional population ¹	171,229	171,400	171,581	171,770	171,956	172,172	172,385	172,559	172,758	172,966	173,155	173,330	173,495	
Armed Forces ¹	2,125	2,121	2,128	2,129	2,127	2,131	2,139	2,160	2,165	2,158	2,158	2,164	2,159	
Civilian noninstitutional population ¹	169,104	169,280	169,453	169,641	169,829	170,042	170,246	170,399	170,593	170,809	170,996	171,166	171,335	
Civilian labor force	107,923	108,034	108,364	108,777	109,293	108,434	108,688	108,818	108,494	109,012	109,272	109,184	108,879	
Percent of civilian population	63.8	63.8	63.9	64.1	64.4	63.8	63.8	63.9	63.6	63.8	63.9	63.8	63.5	
Employed	99,901	100,069	100,406	100,878	101,045	100,430	100,864	100,840	100,258	100,343	100,172	99,613	99,581	
Percent of total population	58.3	58.4	58.5	58.7	58.8	58.3	58.5	58.4	58.0	58.0	57.9	57.5	57.4	
Agriculture	3,445	3,346	3,343	3,470	3,405	3,348	3,342	3,404	3,358	3,378	3,372	3,209	3,411	
Nonagricultural industries	96,456	96,723	97,063	97,408	97,640	97,082	97,522	97,436	96,900	96,965	96,800	96,404	96,170	
Unemployed	8,022	7,965	7,958	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298	
Unemployment rate	7.4	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5	
Not in labor force	61,181	61,246	61,089	60,864	60,536	61,608	61,558	61,581	62,099	61,797	61,724	61,982	62,456	
Males, 20 years and over														
Total noninstitutional population ¹	73,511	73,607	73,710	73,817	73,924	74,045	74,164	74,268	74,382	74,502	74,610	74,714	74,810	
Civilian noninstitutional population ¹	71,850	71,951	72,037	72,142	72,251	72,359	72,472	72,559	72,670	72,795	72,921	73,020	73,120	
Civilian labor force	56,803	56,816	57,028	57,157	57,479	57,094	57,172	57,250	57,262	57,355	57,459	57,665	57,368	
Percent of civilian population	79.1	79.0	79.2	79.2	79.6	78.9	78.9	78.9	78.8	78.8	78.8	79.0	78.5	
Employed	53,342	53,383	53,618	53,820	53,884	53,597	53,874	53,791	53,693	53,504	53,354	53,122	53,047	
Percent of total population	72.6	72.5	72.7	72.9	72.9	72.4	72.6	72.4	72.2	71.8	71.5	71.1	70.9	
Agriculture	2,409	2,349	2,352	2,419	2,390	2,379	2,383	2,422	2,383	2,413	2,382	2,311	2,390	
Nonagricultural industries	50,933	51,034	51,266	51,401	51,489	51,218	51,491	51,369	51,310	51,091	50,972	50,811	50,657	
Unemployed	3,461	3,433	3,410	3,337	3,595	3,497	3,298	3,459	3,569	3,851	4,105	4,543	4,322	
Unemployment rate	6.1	6.0	6.0	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5	
Not in labor force	15,047	15,135	15,009	14,985	14,772	15,265	15,300	15,309	15,408	15,440	15,462	15,355	15,752	
Females, 20 years and over														
Total noninstitutional population ¹	80,997	81,107	81,221	81,338	81,453	81,583	81,711	81,822	81,946	82,074	82,193	82,306	82,415	
Civilian noninstitutional population ¹	80,856	80,966	81,076	81,193	81,308	81,434	81,561	81,671	81,792	81,920	82,038	82,151	82,260	
Civilian labor force	41,833	41,974	42,152	42,332	42,608	42,581	42,682	42,666	42,344	42,831	42,987	42,888	42,868	
Percent of civilian population	51.7	51.8	52.0	52.1	52.4	52.3	52.3	52.2	51.8	52.3	52.4	52.2	52.1	
Employed	39,029	39,211	39,365	39,536	39,737	39,757	39,810	39,841	39,426	39,814	39,878	39,713	39,764	
Percent of total population	48.2	48.3	48.5	48.6	48.8	48.7	48.7	48.7	48.1	48.5	48.5	48.3	48.2	
Agriculture	626	616	610	609	605	585	590	609	608	596	635	572	649	
Nonagricultural industries	38,403	38,595	38,755	38,927	39,132	39,172	39,220	39,232	38,818	39,218	39,243	39,141	39,115	
Unemployed	2,804	2,763	2,787	2,796	2,871	2,824	2,872	2,825	2,918	3,017	3,109	3,175	3,104	
Unemployment rate	6.7	6.6	6.6	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2	
Not in labor force	39,023	38,992	38,924	38,861	38,700	38,853	38,879	39,005	39,448	39,089	39,051	39,263	39,392	
Both sexes, 16-19 years														
Total noninstitutional population ¹	16,721	16,686	16,650	16,615	16,579	16,544	16,510	16,469	16,429	16,390	16,351	16,310	16,269	
Civilian noninstitutional population ¹	16,397	16,363	16,341	16,305	16,270	16,249	16,213	16,169	16,131	16,093	16,037	15,995	15,955	
Civilian labor force	9,287	9,244	9,184	9,288	9,206	8,759	8,834	8,902	8,888	8,826	8,826	8,631	8,643	
Percent of civilian population	56.6	56.5	56.2	57.0	56.6	53.9	54.5	55.1	55.1	54.8	55.0	54.0	54.2	
Employed	7,530	7,475	7,423	7,522	7,424	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771	
Percent of total population	45.0	44.8	44.6	45.3	44.8	42.8	43.5	43.8	43.5	42.9	42.4	41.6	41.6	
Agriculture	410	381	381	442	410	384	369	373	367	369	355	326	373	
Nonagricultural industries	7,120	7,094	7,042	7,080	7,014	6,692	6,811	6,835	6,772	6,656	6,585	6,452	6,398	
Unemployed	1,757	1,769	1,761	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872	
Unemployment rate	18.9	19.1	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7	
Not in labor force	7,110	7,119	7,157	7,017	7,064	7,490	7,379	7,267	7,243	7,267	7,211	7,364	7,312	

¹ The population and Armed Forces figures are not adjusted for seasonal variations.

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

NOTE: Detail for the household data shown in tables A-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

(Numbers in thousands)

Full- and part-time status	1981												1982	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
FULL TIME														
Total, 16 years and over:														
Civilian labor force	92,448	92,209	92,549	92,825	93,324	92,526	92,971	92,778	92,801	93,359	93,607	93,856	93,129	
Employed	85,837	85,672	85,996	86,383	86,693	85,949	86,606	86,378	86,044	86,155	86,062	85,729	85,324	
Unemployed	6,611	6,537	6,553	6,442	6,631	6,577	6,365	6,400	6,757	7,204	7,545	8,127	7,805	
Unemployment rate	7.2	7.1	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4	
PART TIME														
Total, 16 years and over:														
Civilian labor force	15,557	15,701	15,751	15,960	15,868	15,924	15,808	16,071	15,662	15,690	15,721	15,399	15,853	
Employed	14,140	14,268	14,319	14,499	14,350	14,462	14,337	14,525	14,160	14,198	14,125	13,982	14,337	
Unemployed	1,417	1,433	1,432	1,461	1,518	1,462	1,471	1,546	1,502	1,492	1,596	1,417	1,515	
Unemployment rate	9.1	9.1	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6	

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.

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

A-35. Employment status by race, sex, and age, seasonally adjusted

(Numbers in thousands)

Race, sex, and age	1981												1982	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
WHITE														
Total, 16 years and over:														
Civilian labor force	94,332	94,552	94,756	95,199	95,666	94,887	95,126	95,163	94,884	95,365	95,535	95,329	95,120	
Employed	88,101	88,388	88,653	89,080	89,237	88,799	89,170	89,221	88,628	88,734	88,498	88,010	87,955	
Unemployed	6,231	6,164	6,103	6,119	6,429	6,088	5,956	5,942	6,256	6,631	7,037	7,319	7,165	
Unemployment rate	6.6	6.5	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5	
Males, 20 years and over:														
Civilian labor force	50,300	50,344	50,505	50,718	50,920	50,633	50,698	50,701	50,712	50,811	50,881	50,948	50,757	
Employed	47,547	47,633	47,814	48,070	48,092	47,939	48,157	48,050	47,948	47,790	47,649	47,449	47,410	
Unemployed	2,753	2,711	2,691	2,648	2,828	2,694	2,541	2,651	2,764	3,021	3,232	3,499	3,347	
Unemployment rate	5.5	5.4	5.3	5.2	5.6	5.3	5.0	5.2	5.5	5.9	6.4	6.9	6.6	
Females, 20 years and over:														
Civilian labor force	35,852	35,978	36,106	36,274	36,597	36,490	36,612	36,554	36,294	36,742	36,832	36,733	36,698	
Employed	33,731	33,939	34,061	34,197	34,422	34,404	34,481	34,534	34,155	34,517	34,513	34,368	34,380	
Unemployed	2,121	2,039	2,045	2,077	2,175	2,086	2,131	2,020	2,139	2,225	2,319	2,365	2,319	
Unemployment rate	5.9	5.7	5.7	5.7	5.9	5.7	5.8	5.5	5.9	6.1	6.3	6.4	6.3	
Both sexes, 16 to 19 years:														
Civilian labor force	8,180	8,230	8,145	8,207	8,149	7,764	7,816	7,908	7,878	7,812	7,822	7,648	7,665	
Employed	6,823	6,816	6,778	6,813	6,723	6,456	6,532	6,637	6,525	6,427	6,336	6,193	6,166	
Unemployed	1,357	1,414	1,367	1,394	1,426	1,308	1,284	1,271	1,353	1,385	1,486	1,455	1,499	
Unemployment rate	16.6	17.2	16.8	17.0	17.5	16.8	16.4	16.1	17.2	17.7	19.0	19.0	19.6	
BLACK AND OTHER														
Total, 16 years and over:														
Civilian labor force	13,528	13,476	13,586	13,633	13,649	13,565	13,539	13,632	13,617	13,697	13,757	13,773	13,704	
Employed	11,792	11,697	11,742	11,827	11,781	11,643	11,672	11,624	11,607	11,611	11,661	11,610	11,632	
Unemployed	1,736	1,779	1,844	1,806	1,868	1,922	1,867	2,008	2,010	2,086	2,096	2,163	2,072	
Unemployment rate	12.8	13.2	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1	
Males, 20 years and over:														
Civilian labor force	6,457	6,477	6,517	6,498	6,547	6,479	6,484	6,556	6,551	6,573	6,595	6,614	6,563	
Employed	5,786	5,766	5,800	5,796	5,779	5,682	5,722	5,745	5,715	5,711	5,694	5,647	5,630	
Unemployed	671	711	717	702	768	797	762	811	836	862	901	967	933	
Unemployment rate	10.4	11.0	11.0	10.8	11.7	12.3	11.8	12.4	12.8	13.1	13.7	14.6	14.2	
Females, 20 years and over:														
Civilian labor force	5,963	5,981	6,032	6,057	6,041	6,081	6,062	6,087	6,085	6,096	6,147	6,163	6,152	
Employed	5,300	5,274	5,285	5,337	5,305	5,340	5,321	5,313	5,281	5,301	5,359	5,355	5,388	
Unemployed	663	707	747	720	736	741	741	774	804	795	788	808	764	
Unemployment rate	11.1	11.8	12.4	11.9	12.2	12.2	12.2	12.7	13.2	13.0	12.8	13.1	12.4	
Both sexes, 16 to 19 years:														
Civilian labor force	1,108	1,018	1,037	1,078	1,061	1,005	993	989	981	1,028	1,015	996	989	
Employed	706	657	657	694	697	621	629	566	611	599	608	608	614	
Unemployed	402	361	380	384	364	384	364	423	370	429	407	388	375	
Unemployment rate	36.3	35.5	36.6	35.6	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.0	37.9	

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Category	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CHARACTERISTIC													
Total (all civilian workers)	7.4	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5
Males, 20 years and over	6.1	6.0	6.0	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9	7.5
Females, 20 years and over	6.7	6.6	6.6	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4	7.2
Both sexes, 16-19 years	18.9	19.1	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7
White	6.6	6.5	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7	7.5
Black and other	12.8	13.2	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7	15.1
Married men, spouse present	4.2	4.1	4.1	3.8	4.0	4.2	3.9	4.0	4.4	4.8	5.2	5.7	5.3
Married women, spouse present	6.0	5.8	5.9	5.9	5.8	5.7	5.7	5.5	6.0	6.1	6.5	6.6	6.2
Women who maintain families	10.3	9.8	9.6	9.9	10.4	10.7	11.2	10.1	10.7	10.6	10.8	10.5	10.4
Full-time workers	7.2	7.1	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7	8.4
Part-time workers	9.1	9.1	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2	9.6
Unemployed 15 weeks and over ¹	2.2	2.1	2.1	2.0	2.0	2.2	2.0	2.0	2.1	2.1	2.2	2.2	2.2
Labor force time lost ²	8.3	8.2	8.2	8.2	8.6	7.9	7.9	7.9	8.5	9.1	9.5	10.1	10.0
OCCUPATION													
White-collar workers	3.9	3.8	3.9	4.0	4.0	3.9	4.0	3.9	4.1	4.1	4.2	4.5	4.2
Professional and technical	2.8	2.6	2.7	3.1	2.8	2.8	2.8	2.5	2.8	2.6	2.7	3.4	2.9
Managers and administrators, except farm	2.5	2.5	2.5	2.4	2.6	2.7	2.6	2.7	2.7	2.8	3.0	3.1	2.7
Sales workers	4.3	4.1	4.1	4.2	4.6	4.3	4.9	4.7	5.0	4.9	5.0	4.9	4.5
Clerical workers	5.6	5.4	5.7	5.6	5.6	5.4	5.7	5.7	5.8	6.0	6.0	6.2	6.3
Blue-collar workers	10.2	10.2	10.0	9.7	9.9	9.8	9.5	9.5	10.2	10.9	11.8	12.7	12.5
Craft and kindred workers	6.9	7.1	7.1	6.8	7.2	7.1	6.9	7.0	7.7	8.3	8.5	9.3	9.0
Operatives, except transport	12.2	12.1	11.7	11.6	11.8	11.1	11.1	11.1	11.6	12.8	14.1	15.5	15.4
Transport equipment operatives	9.1	8.6	9.1	8.1	8.2	8.1	7.3	8.0	8.7	8.0	10.4	10.5	10.2
Nonfarm laborers	14.8	14.9	14.2	14.0	13.5	14.7	14.4	13.2	14.6	15.6	16.0	16.9	16.9
Service workers	8.2	8.7	8.3	8.5	9.4	8.9	8.0	8.9	9.0	9.3	9.7	9.6	9.2
Farm workers	5.0	4.9	5.2	3.9	5.2	6.2	4.8	5.4	4.0	6.2	6.2	6.4	6.9
INDUSTRY													
Nonagricultural private wage and salary workers ³	7.6	7.6	7.5	7.3	7.7	7.4	7.2	7.3	7.7	8.1	8.4	9.1	8.8
Construction	13.7	13.7	14.7	14.5	15.7	16.1	15.2	16.2	16.3	17.6	17.8	18.1	18.7
Manufacturing	8.5	8.5	8.1	7.6	7.8	7.4	7.3	7.0	7.9	8.6	9.4	11.0	10.4
Durable goods	8.4	8.7	8.0	7.5	7.4	7.1	7.1	6.5	7.7	8.6	9.5	11.8	11.0
Nondurable goods	8.5	8.3	8.3	7.8	8.6	7.9	7.6	7.9	8.3	8.6	9.3	9.6	9.5
Transportation	5.5	5.4	6.1	5.5	5.7	4.9	4.1	4.8	4.2	4.8	5.5	6.0	6.4
Wholesale and retail trade	7.7	7.7	7.6	7.5	8.3	7.7	7.9	7.9	8.5	8.4	8.6	8.9	8.7
Finance and service industries	5.8	5.9	5.6	5.8	5.8	5.8	5.7	5.7	6.0	6.2	6.1	6.4	5.9
Government workers	4.4	4.3	4.6	4.7	4.7	4.6	4.6	4.5	4.7	4.7	5.2	5.0	4.8
Agricultural wage and salary workers	11.5	11.9	12.1	9.4	11.0	13.3	10.7	12.0	11.0	13.4	14.1	14.8	16.2

¹ Unemployment as a percent of the civilian labor force.

as a percent of potentially available labor force hours.

² Aggregate hours lost by the unemployed and persons on part-time for economic reasons

³ Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
DURATION													
Less than 5 weeks	3,290	3,267	3,277	3,189	3,378	3,303	3,323	3,326	3,529	3,707	3,852	4,037	3,852
5 to 14 weeks	2,324	2,379	2,408	2,472	2,606	2,423	2,312	2,469	2,585	2,686	2,882	3,016	3,068
15 weeks and over	2,391	2,322	2,269	2,187	2,231	2,363	2,170	2,217	2,248	2,292	2,364	2,372	2,399
15 to 26 weeks	1,123	1,072	1,057	1,048	1,061	1,227	1,096	1,078	1,146	1,166	1,229	1,189	1,210
27 weeks and over	1,268	1,250	1,212	1,139	1,170	1,136	1,074	1,139	1,102	1,126	1,135	1,183	1,190
Average (mean) duration, in weeks	14.4	14.1	13.9	13.7	13.3	14.3	14.1	14.3	13.7	13.6	13.1	12.8	13.5
Median duration, in weeks	7.4	7.0	7.1	7.6	7.3	6.7	7.0	7.0	6.9	6.8	6.9	6.7	7.2
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	41.1	41.0	41.2	40.6	41.1	40.8	42.6	41.5	42.2	42.7	42.3	42.8	41.3
5 to 14 weeks	29.0	29.9	30.3	31.5	31.7	30.0	29.6	30.8	30.9	30.9	31.7	32.0	32.9
15 weeks and over	29.9	29.1	28.5	27.9	27.2	29.2	27.8	27.7	26.9	26.4	26.0	25.2	25.7
15 to 26 weeks	14.0	13.5	13.3	13.4	12.9	15.2	14.0	13.5	13.7	13.4	13.5	12.6	13.0
27 weeks and over	15.8	15.7	15.2	14.5	14.2	14.0	13.8	14.2	13.2	13.0	12.5	12.6	12.8

NOTE: Pre-1982 data in these tables have been revised. See article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-38. Unemployment rates by sex and age, seasonally adjusted

Sex and age	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	7.4	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8	8.5
16 to 19 years	18.9	19.1	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5	21.7
16 to 17 years	20.9	21.3	21.4	21.6	21.3	22.6	19.8	20.8	21.4	21.5	22.6	21.9	21.9
18 to 19 years	17.4	17.7	17.6	17.2	17.7	17.5	17.8	17.6	18.5	20.0	20.5	21.2	21.3
20 to 24 years	11.9	11.9	11.8	12.0	12.6	12.1	11.5	12.1	12.3	12.7	13.0	13.5	13.5
25 years and over	5.3	5.2	5.2	5.1	5.2	5.3	5.2	5.2	5.4	5.7	6.0	6.5	6.3
25 to 54 years	5.7	5.6	5.6	5.4	5.6	5.6	5.5	5.5	5.8	6.2	6.5	6.9	6.7
55 years and over	3.5	3.5	3.6	3.4	3.4	3.5	3.5	3.5	3.8	3.8	3.8	4.1	4.2
Males, 16 years and over	7.2	7.2	7.1	6.9	7.3	7.2	6.7	7.1	7.3	7.7	8.3	9.0	8.6
16 to 19 years	20.0	20.0	19.8	19.5	20.0	20.0	18.8	19.8	19.9	20.1	21.8	22.3	22.1
16 to 17 years	22.5	22.1	21.7	22.5	22.3	24.0	19.9	21.5	21.5	21.1	22.7	22.6	23.0
18 to 19 years	18.3	18.5	18.5	17.4	18.0	18.2	17.9	18.3	18.7	19.3	21.0	22.2	21.4
20 to 24 years	12.9	12.9	13.0	13.0	13.8	12.9	11.6	12.9	13.1	13.8	14.4	14.8	14.9
25 years and over	4.9	4.9	4.8	4.6	4.7	5.0	4.7	4.9	5.0	5.5	5.8	6.5	6.3
25 to 54 years	5.2	5.2	5.1	4.9	5.1	5.2	5.0	5.2	5.5	5.9	6.3	6.9	6.7
55 years and over	3.4	3.3	3.3	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.7	4.4	4.3
Females, 16 years and over	7.7	7.7	7.7	7.7	7.8	7.7	7.8	7.7	8.0	8.2	8.4	8.5	8.4
16 to 19 years	17.7	18.2	18.5	18.4	18.7	18.4	18.6	18.2	19.5	20.7	20.9	20.5	21.2
16 to 17 years	19.1	20.3	21.2	20.5	20.2	21.1	19.7	20.0	21.2	21.9	22.5	21.1	20.6
18 to 19 years	16.3	16.8	16.6	17.1	17.4	16.8	17.7	16.9	18.3	20.6	19.9	20.0	21.1
20 to 24 years	10.9	10.9	10.5	10.9	11.2	11.2	11.3	11.1	11.4	11.5	11.3	12.0	11.9
25 years and over	5.8	5.6	5.8	5.7	5.8	5.7	5.8	5.6	6.0	6.1	6.4	6.4	6.3
25 to 54 years	6.3	6.0	6.2	6.1	6.4	6.1	6.1	6.0	6.3	6.5	6.8	6.9	6.7
55 years and over	3.6	3.8	4.2	3.7	3.4	3.5	3.7	3.7	4.3	4.0	3.8	3.7	4.1

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
NUMBER OF UNEMPLOYED													
Both sexes, 16 years and over:													
Job losers	3,982	4,050	3,989	3,958	4,032	4,173	3,867	4,106	4,426	4,573	4,905	5,343	5,205
On layoff	1,305	1,312	1,323	1,303	1,357	1,302	1,225	1,276	1,452	1,631	1,826	2,042	1,860
Other job losers	2,677	2,738	2,666	2,655	2,675	2,871	2,642	2,830	2,974	2,942	3,079	3,301	3,345
Job leavers	923	911	901	903	1,004	896	926	879	921	976	916	923	835
Reentrants	2,051	2,020	2,069	2,044	2,106	2,039	2,078	2,034	2,058	2,178	2,339	2,244	2,079
New entrants	1,015	943	988	988	956	973	940	971	977	1,002	996	1,021	1,055
PERCENT DISTRIBUTION													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	50.0	51.1	50.2	50.1	49.8	51.6	49.5	51.4	52.8	52.4	53.6	56.1	56.7
On layoff	16.4	16.6	16.6	16.5	16.8	16.1	15.7	16.0	17.3	18.7	19.9	21.4	20.3
Other job losers	33.6	34.6	33.5	33.6	33.0	35.5	33.8	35.4	35.5	33.7	33.6	34.6	36.5
Job leavers	11.6	11.5	11.3	11.4	12.4	11.1	11.9	11.0	11.0	11.2	10.0	9.7	9.1
Reentrants	25.7	25.5	26.0	25.9	26.0	25.2	26.6	25.5	24.6	25.0	25.5	23.5	22.7
New entrants	12.7	11.9	12.4	12.5	11.8	12.0	12.0	12.2	11.7	11.5	10.9	10.7	11.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.7	3.7	3.7	3.6	3.7	3.8	3.6	3.8	4.1	4.2	4.5	4.9	4.8
Job leavers .....	.9	.8	.8	.8	.9	.8	.9	.8	.8	.9	.8	.8	.8
Reentrants	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.1	2.1	1.9
New entrants .....	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-40. Employed persons by sex and age, seasonally adjusted

[In thousands]

Sex and age	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	99,901	100,069	100,406	100,878	101,045	100,430	100,864	100,840	100,258	100,343	100,172	99,613	99,581
18 to 19 years	7,530	7,475	7,423	7,522	7,424	7,076	7,180	7,208	7,139	7,025	6,940	6,778	6,771
16 to 17 years	3,007	2,997	2,976	3,012	2,949	2,709	2,835	2,840	2,836	2,769	2,768	2,703	2,705
18 to 19 years	4,513	4,477	4,453	4,496	4,484	4,350	4,326	4,345	4,326	4,260	4,192	4,088	4,065
20 to 24 years	14,172	14,137	14,166	14,178	14,178	14,094	14,264	14,194	14,086	14,078	13,970	13,935	13,816
25 years and over	78,180	78,424	78,807	79,180	79,462	79,330	79,464	79,453	79,028	79,228	79,202	78,881	78,960
25 to 54 years	63,777	63,940	64,246	64,565	64,798	64,754	64,930	65,014	64,676	64,829	64,868	64,567	64,722
55 years and over	14,427	14,474	14,552	14,596	14,640	14,542	14,535	14,471	14,372	14,377	14,337	14,332	14,282
Males, 16 years and over	57,323	57,331	57,531	57,792	57,793	57,279	57,640	57,551	57,471	57,266	57,051	56,725	56,629
18 to 19 years	3,981	3,948	3,913	3,972	3,909	3,682	3,766	3,760	3,778	3,762	3,697	3,603	3,582
16 to 17 years	1,597	1,605	1,577	1,582	1,543	1,412	1,498	1,501	1,533	1,522	1,495	1,448	1,446
18 to 19 years	2,372	2,347	2,343	2,374	2,379	2,260	2,261	2,257	2,266	2,241	2,208	2,163	2,134
20 to 24 years	7,523	7,504	7,532	7,521	7,531	7,483	7,646	7,562	7,523	7,449	7,373	7,380	7,321
25 years and over	45,800	45,843	46,097	46,300	46,374	46,168	46,253	46,244	46,160	46,046	45,940	45,709	45,686
25 to 54 years	37,041	37,038	37,274	37,452	37,560	37,448	37,507	37,565	37,519	37,406	37,364	37,092	37,127
55 years and over	8,775	8,792	8,825	8,841	8,814	8,729	8,736	8,679	8,658	8,621	8,590	8,608	8,582
Females, 16 years and over	42,578	42,738	42,875	43,086	43,252	43,151	43,224	43,289	42,787	43,077	43,121	42,888	42,952
16 to 19 years	3,549	3,527	3,510	3,550	3,515	3,394	3,414	3,448	3,361	3,263	3,243	3,175	3,189
16 to 17 years	1,410	1,392	1,399	1,430	1,406	1,297	1,337	1,339	1,303	1,247	1,273	1,255	1,259
18 to 19 years	2,141	2,130	2,110	2,122	2,105	2,090	2,065	2,088	2,060	2,019	1,984	1,925	1,931
20 to 24 years	6,649	6,633	6,634	6,657	6,647	6,611	6,618	6,632	6,563	6,629	6,597	6,555	6,495
25 years and over	32,380	32,581	32,710	32,880	33,088	33,162	33,211	33,209	32,868	33,182	33,262	33,172	33,274
25 to 54 years	26,736	26,902	27,122	27,113	27,238	27,306	27,423	27,449	27,157	27,423	27,504	27,475	27,595
55 years and over	5,652	5,682	5,727	5,755	5,826	5,813	5,799	5,792	5,714	5,756	5,747	5,724	5,701

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

A-41. Unemployed persons by sex and age, seasonally adjusted

[In thousands]

Sex and age	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	8,022	7,965	7,958	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,100	9,571	9,298
16 to 19 years	1,757	1,769	1,761	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853	1,872
16 to 17 years	796	810	812	828	799	791	699	746	772	757	808	759	760
18 to 19 years	948	961	952	937	964	924	938	931	983	1,062	1,080	1,098	1,098
20 to 24 years	1,922	1,916	1,896	1,939	2,047	1,942	1,847	1,949	1,972	2,054	2,088	2,168	2,161
25 years and over	4,355	4,309	4,343	4,213	4,331	4,398	4,324	4,328	4,540	4,828	5,091	5,481	5,282
25 to 54 years	3,836	3,768	3,793	3,683	3,871	3,845	3,786	3,819	4,010	4,255	4,536	4,804	4,649
55 years and over	516	526	549	509	509	522	534	526	572	574	562	620	624
Males, 16 years and over	4,456	4,419	4,375	4,300	4,571	4,415	4,171	4,385	4,506	4,798	5,133	5,578	5,338
16 to 19 years	995	986	965	963	976	918	873	926	937	947	1,028	1,035	1,016
16 to 17 years	463	455	436	459	442	445	372	411	421	408	438	424	433
18 to 19 years	530	532	531	499	521	502	494	505	521	537	587	616	581
20 to 24 years	1,111	1,108	1,121	1,122	1,206	1,106	1,005	1,120	1,131	1,194	1,245	1,278	1,284
25 years and over	2,364	2,360	2,321	2,237	2,280	2,405	2,292	2,361	2,455	2,670	2,834	3,199	3,055
25 to 54 years	2,051	2,042	2,020	1,927	2,001	2,065	1,990	2,067	2,173	2,346	2,522	2,762	2,662
55 years and over	306	303	298	289	307	311	310	303	317	333	333	397	383
Females, 16 years and over	3,566	3,546	3,583	3,599	3,677	3,589	3,653	3,593	3,730	3,871	3,967	3,993	3,960
16 to 19 years	762	783	796	803	806	765	781	768	812	854	858	818	856
16 to 17 years	333	355	376	369	357	346	327	335	351	349	370	335	327
18 to 19 years	418	429	421	438	443	422	444	426	462	525	493	482	517
20 to 24 years	811	808	775	817	841	836	842	829	841	860	843	890	877
25 years and over	1,991	1,949	2,022	1,976	2,051	1,993	2,032	1,967	2,085	2,158	2,257	2,282	2,228
25 to 54 years	1,785	1,726	1,773	1,756	1,870	1,780	1,796	1,752	1,837	1,909	2,014	2,042	1,987
55 years and over	210	223	251	220	202	211	224	223	255	241	229	223	241

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-42. Employed persons by selected social and economic categories, seasonally adjusted

[In thousands]

Category	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
CHARACTERISTIC													
Total, 16 years and over	99,901	100,069	100,406	100,878	101,045	100,430	100,864	100,840	100,258	100,343	100,172	99,613	99,581
Married men, spouse present	38,959	38,944	39,036	39,186	39,120	38,930	38,961	38,961	38,855	38,746	38,553	38,342	38,234
Married women, spouse present	23,806	23,824	23,920	23,979	24,192	24,106	24,159	24,043	23,626	23,874	23,820	23,691	23,744
OCCUPATION													
White-collar workers	52,662	52,739	52,860	52,855	53,016	52,957	52,907	53,141	52,908	53,199	53,086	53,084	52,836
Professional and technical	16,270	16,185	16,219	16,178	16,093	16,410	16,364	16,621	16,598	16,681	16,657	16,774	16,803
Managers and administrators, except farm	11,561	11,629	11,725	11,616	11,488	11,411	11,578	11,460	11,533	11,616	11,461	11,424	11,091
Sales workers	6,384	6,397	6,372	6,290	6,562	6,513	6,373	6,490	6,441	6,400	6,418	6,450	6,520
Clerical workers	18,447	18,528	18,544	18,771	18,873	18,623	18,592	18,570	18,336	18,502	18,550	18,436	18,423
Blue-collar workers	31,151	31,193	31,288	31,685	31,796	31,538	31,580	31,611	31,266	30,953	30,683	30,344	30,203
Craft and kindred workers	12,621	12,684	12,826	12,825	12,911	12,749	12,787	12,724	12,514	12,446	12,411	12,446	12,370
Operatives, except transport Transport equipment operatives	10,586	10,618	10,464	10,691	10,716	10,703	10,719	10,658	10,524	10,410	10,220	10,169	9,966
Nonfarm laborers	3,425	3,446	3,447	3,463	3,466	3,493	3,526	3,530	3,506	3,580	3,438	3,368	3,415
Service workers	4,519	4,445	4,551	4,686	4,703	4,593	4,548	4,699	4,722	4,517	4,614	4,361	4,451
Farm workers	13,250	13,347	13,478	13,469	13,470	13,214	13,526	13,282	13,391	13,525	13,670	13,639	13,709
Farm workers	2,786	2,728	2,730	2,826	2,748	2,710	2,727	2,753	2,743	2,770	2,802	2,660	2,817
MAJOR INDUSTRY AND CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,505	1,389	1,391	1,560	1,499	1,437	1,495	1,501	1,461	1,502	1,436	1,352	1,377
Self-employed workers	1,650	1,637	1,638	1,661	1,654	1,664	1,593	1,638	1,643	1,631	1,641	1,602	1,674
Unpaid family workers	284	306	299	286	235	263	244	256	256	261	321	228	380
Nonagricultural industries:													
Wage and salary workers	89,005	89,104	89,592	89,913	90,402	89,508	89,971	89,995	89,376	89,460	89,238	88,991	88,759
Government	15,988	15,875	15,930	15,885	15,776	15,707	15,637	15,526	15,475	15,491	15,397	15,585	15,578
Private industries	73,017	73,229	73,662	74,028	74,626	73,801	74,334	74,469	73,901	73,969	73,841	73,406	73,181
Private households	1,214	1,190	1,242	1,249	1,192	1,177	1,216	1,259	1,102	1,162	1,204	1,291	1,248
Other industries	71,803	72,039	72,420	72,779	73,434	72,624	73,118	73,210	72,799	72,807	72,637	72,115	71,932
Self-employed workers	7,028	7,080	7,065	7,150	6,966	7,128	7,071	7,103	7,217	7,152	7,141	7,057	6,971
Unpaid family workers	421	384	374	325	356	376	389	387	399	451	425	410	410
PERSONS AT WORK¹													
Nonagricultural industries	91,322	91,287	91,405	91,094	91,745	91,500	92,532	91,569	90,878	91,384	91,323	90,922	90,125
Full-time schedules	74,387	74,482	74,453	74,259	74,871	74,693	75,620	74,467	73,794	73,886	73,915	73,360	72,803
Part-time for economic reasons	4,451	4,227	4,290	4,200	4,264	4,033	4,374	4,350	4,656	5,009	5,026	5,288	5,071
Usually work full-time	1,688	1,650	1,660	1,593	1,657	1,465	1,680	1,729	1,759	2,006	1,945	2,121	1,783
Usually work part-time	2,763	2,577	2,630	2,607	2,607	2,568	2,694	2,621	2,897	3,003	3,081	3,167	3,287
Part-time for noneconomic reasons	12,484	12,578	12,662	12,635	12,610	12,774	12,538	12,752	12,428	12,489	12,382	12,274	12,251

¹ Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

NOTE: Pre-1982 data in this table have been revised. See article in this issue for additional information.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Not seasonally adjusted									
	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	Jan. 1981	Jan. 1982	
VETERANS										
Total, 25 years and over	8,445	8,660	7,996	8,165	7,488	7,471	508	694	6.4	8.5
25 to 39 years	7,325	7,264	7,034	6,938	6,565	6,315	469	623	6.7	9.0
25 to 29 years	1,589	1,352	1,474	1,254	1,317	1,080	157	174	10.7	13.9
30 to 34 years	3,477	3,129	3,370	2,991	3,148	2,729	222	262	6.6	8.8
35 to 39 years	2,259	2,783	2,190	2,693	2,100	2,506	90	187	4.1	6.9
40 years and over	1,120	1,396	962	1,227	923	1,156	39	71	4.1	5.8
NONVETERANS										
Total, 25 to 39 years	16,772	17,738	15,852	16,734	14,689	15,232	1,163	1,502	7.3	9.0
25 to 29 years	7,710	8,025	7,246	7,483	6,598	6,659	648	824	8.9	11.0
30 to 34 years	5,185	5,747	4,917	5,476	4,592	5,062	325	414	6.6	7.6
35 to 39 years	3,877	3,966	3,689	3,775	3,499	3,511	190	264	5.2	7.0

NOTE: Vietnam-era veterans are males who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are males who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the

Vietnam-era veteran population.

NOTE: 1982 data in this table reflect the introduction of 1980 census population controls into the estimation process, and 1981 data have been revised. See article in this issue for additional information.

ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

B-1. Employees on nonagricultural payrolls by industry division, 1930 to date

(In thousands)

Year and month	Goods-producing						Service-producing							Government		
	Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Total	Federal	State and local		
							Total	Wholesale trade	Retail trade							
Annual averages																
1930.....	29,409	11,958	1,009	1,387	9,562	17,451	3,685	5,797	-	-	1,460	3,361	3,148	526	2,622	
1931.....	26,635	10,272	873	1,229	8,170	16,363	3,254	5,284	-	-	1,392	3,169	3,264	560	2,704	
1932.....	23,615	8,647	731	985	6,931	14,968	2,816	4,683	-	-	1,326	2,918	3,225	559	2,666	
1933.....	23,699	8,965	744	824	7,397	14,734	2,672	4,755	-	-	1,280	2,861	3,166	565	2,601	
1934.....	25,940	10,261	883	877	8,501	15,679	2,750	5,281	-	-	1,304	3,045	3,299	652	2,647	
1935.....	27,039	10,893	897	927	9,069	16,146	2,786	5,431	-	-	1,320	3,128	3,481	753	2,728	
1936.....	29,068	11,933	946	1,160	9,827	17,135	2,973	5,809	-	-	1,373	3,312	3,668	826	2,842	
1937.....	31,011	12,936	1,015	1,127	10,794	18,075	3,134	6,265	-	-	1,417	3,503	3,756	833	2,923	
1938.....	29,194	11,401	891	1,070	9,440	17,793	2,866	6,179	-	-	1,410	3,458	3,883	829	3,054	
1939.....	30,603	12,297	854	1,165	10,278	18,306	2,936	6,426	1,762	4,664	1,447	3,502	3,995	905	3,090	
1940.....	32,361	13,221	925	1,311	10,985	19,140	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,206	
1941.....	36,539	15,963	957	1,814	13,192	20,574	3,274	7,210	1,960	5,251	1,525	3,905	4,660	1,340	3,320	
1942.....	40,106	18,470	992	2,198	15,280	21,636	3,460	7,118	1,906	5,212	1,509	4,066	5,483	2,213	3,270	
1943.....	42,434	20,114	925	1,587	17,602	22,320	3,647	6,982	1,822	5,160	1,481	4,130	6,080	2,905	3,175	
1944.....	41,864	19,328	892	1,108	17,328	22,536	3,829	7,058	1,845	5,214	1,461	4,145	6,043	2,928	3,137	
1945.....	40,374	17,507	836	1,147	15,524	22,867	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,116	
1946.....	41,652	17,248	862	1,683	14,703	24,404	4,061	8,376	2,291	6,084	1,675	4,697	5,595	2,254	3,341	
1947.....	43,857	18,509	955	2,009	15,545	25,348	4,166	8,955	2,471	6,485	1,728	5,025	5,474	1,892	3,582	
1948.....	44,866	18,774	994	2,198	15,582	26,092	4,189	9,272	2,605	6,667	1,800	5,181	5,650	1,863	3,787	
1949.....	43,754	17,565	930	2,194	14,441	26,189	4,001	9,264	2,602	6,662	1,828	5,240	5,856	1,908	3,948	
1950.....	45,197	18,506	901	2,364	15,241	26,691	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,098	
1951.....	47,819	19,959	929	2,637	16,393	27,860	4,226	9,742	2,727	7,015	1,956	5,547	6,389	2,302	4,087	
1952.....	48,793	20,198	898	2,668	16,632	28,595	4,248	10,004	2,812	7,192	2,035	5,699	6,609	2,420	4,188	
1953.....	50,202	21,074	866	2,659	17,549	29,128	4,290	10,247	2,854	7,393	2,111	5,835	6,645	2,305	4,340	
1954.....	48,990	19,751	791	2,646	16,314	29,239	4,084	10,235	2,867	7,368	2,200	5,969	6,751	2,188	4,563	
1955.....	50,641	20,513	792	2,839	16,882	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,727	
1956.....	52,369	21,104	822	3,039	17,243	31,266	4,244	10,858	3,018	7,840	2,389	6,497	7,278	2,209	5,069	
1957.....	52,853	20,964	828	2,962	17,174	31,889	4,241	10,886	3,028	7,858	2,438	6,708	7,616	2,217	5,399	
1958.....	51,324	19,513	751	2,817	15,945	31,811	3,976	10,750	2,980	7,770	2,481	6,765	7,839	2,191	5,648	
1959 ¹	53,268	20,411	732	3,004	16,675	32,857	4,011	11,127	3,082	8,045	2,549	7,087	8,083	2,233	5,850	
1960.....	54,189	20,434	712	2,926	16,796	33,755	4,004	11,391	3,143	8,248	2,629	7,378	8,353	2,270	6,083	
1961.....	53,999	19,857	672	2,859	16,326	34,142	3,903	11,337	3,133	8,204	2,688	7,620	8,594	2,279	6,315	
1962.....	55,549	20,451	650	2,948	16,853	35,098	3,906	11,566	3,198	8,368	2,754	7,982	8,890	2,340	6,550	
1963.....	56,653	20,640	635	3,010	16,995	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,868	
1964.....	58,283	21,005	634	3,097	17,274	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,248	
1965.....	60,765	21,926	632	3,232	18,062	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,696	
1966.....	63,901	23,158	627	3,317	19,214	40,743	4,158	13,245	3,597	9,648	3,058	9,498	10,784	2,564	8,220	
1967.....	65,803	23,308	613	3,248	19,447	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,672	
1968.....	67,897	23,737	606	3,350	19,781	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,102	
1969.....	70,384	24,361	619	3,575	20,167	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,437	
1970.....	70,880	23,578	623	3,588	19,367	47,302	4,515	15,040	3,993	11,047	3,645	11,548	12,554	2,731	9,823	
1971.....	71,214	22,935	609	3,704	18,623	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,185	
1972.....	73,675	23,668	628	3,889	19,151	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,649	
1973.....	76,790	24,893	642	4,097	20,154	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,068	
1974.....	78,265	24,794	697	4,020	20,077	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,446	
1975.....	76,945	22,600	752	3,525	18,323	54,345	4,542	17,060	4,415	12,645	4,165	13,892	14,686	2,748	11,937	
1976.....	79,382	23,352	779	3,576	18,997	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,138	
1977.....	82,471	24,346	813	3,851	19,682	58,125	4,713	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,399	
1978.....	86,697	25,585	851	4,229	20,505	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,919	
1979.....	89,823	26,461	958	4,463	21,040	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,174	
1980.....	90,564	25,718	1,020	4,399	20,300	64,847	5,143	20,386	5,281	15,104	5,168	17,901	16,249	2,866	13,383	
1981P.....	91,542	25,673	1,104	4,307	20,262	65,869	5,150	20,737	5,343	15,394	5,331	18,597	16,054	2,772	13,282	
Monthly data, seasonally adjusted																
1981:																
January.....	91,091	25,647	1,083	4,390	20,174	65,444	5,124	20,529	5,305	15,224	5,268	18,300	16,223	2,799	13,424	
February.....	91,258	25,657	1,091	4,389	20,177	65,601	5,135	20,600	5,313	15,287	5,283	18,343	16,240	2,795	13,445	
March.....	91,347	25,705	1,098	4,416	20,191	65,642	5,139	20,635	5,316	15,319	5,293	18,371	16,204	2,781	13,423	
April.....	91,458	25,700	950	4,418	20,332	65,758	5,161	20,636	5,333	15,303	5,316	18,475	16,170	2,767	13,403	
May.....	91,564	25,705	957	4,334	20,414	65,859	5,148	20,714	5,346	15,368	5,326	18,540	16,131	2,779	13,352	
June.....	91,615	25,818	1,110	4,284	20,424	65,797	5,149	20,717	5,349	15,368	5,331	18,560	16,040	2,781	13,259	
July.....	91,880	25,939	1,132	4,272	20,535	65,941	5,167	20,796	5,360	15,436	5,344	18,642	15,992	2,777	13,215	
August.....	91,901	25,931	1,151	4,275	20,505	65,970	5,170	20,862	5,375	15,487	5,354	18,667	15,917	2,770	13,147	
September.....	92,033	25,930	1,162	4,272	20,496	66,103	5,186	20,872	5,370	15,502	5,366	18,774	15,905	2,765	13,140	
October.....	91,832	25,662	1,162	4,259	20,241	66,170	5,168	20,916	5,360	15,556	5,360	18,788	15,938	2,759	13,179	
November.....	91,522	25,418	1,172	4,229	20,017	66,104	5,147	20,838	5,363	15,475	5,355	18,838	15,926	2,748	13,178	
December.....	91,096	25,117	1,176	4,191	19,750	65,979	5,109	20,725	5,337	15,388						

ESTABLISHMENT DATA EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
-	TOTAL	91,750	89,988	92,293	91,915	89,781	-	-	-	-	-
-	PRIVATE SECTOR	75,315	73,772	76,136	75,786	73,897	61,279	59,760	61,727	61,372	59,562
-	MINING	1,060	1,066	1,170	1,167	1,154	785	787	862	858	841
10	METAL MINING	101.8	103.1	97.6	96.6	-	76.8	78.2	73.2	72.7	-
101	Iron ores	20.4	21.5	19.6	19.4	-	15.6	16.8	15.1	14.9	-
102	Copper ores	36.4	36.6	35.7	35.3	-	28.2	28.5	27.5	27.2	-
11, 12	COAL MINING	249.7	250.7	261.1	259.4	-	206.2	206.5	216.9	215.4	-
12	BITUMINOUS COAL AND LIGNITE MINING	246.2	247.3	257.6	256.0	-	203.1	203.4	213.8	212.3	-
13	OIL AND GAS EXTRACTION	590.5	602.1	693.9	698.9	-	410.9	419.6	482.7	485.1	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	234.9	236.9	267.7	270.2	-	105.4	105.4	116.6	116.5	-
138	Oil and gas field services	355.6	365.2	426.2	428.7	-	305.5	314.2	366.1	368.6	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	118.2	109.8	117.5	112.4	-	91.4	82.9	89.6	84.4	-
142	Crushed and broken stone	36.6	32.5	35.8	33.4	-	30.2	26.1	29.1	26.5	-
144	Sand and gravel	34.1	30.8	33.7	31.0	-	-	-	-	-	-
147	Chemical and fertilizer minerals	27.0	26.9	26.8	26.7	-	-	-	-	-	-
-	CONSTRUCTION	4,343	3,995	4,369	4,153	3,691	3,392	3,053	3,413	3,200	2,737
15	GENERAL BUILDING CONTRACTORS	1,203.6	1,111.0	1,172.9	1,119.7	-	914.6	820.4	887.6	835.7	-
152	Residential building construction	592.7	545.5	586.1	553.8	-	435.2	386.9	427.1	396.2	-
153	Operative builders	63.2	61.1	53.5	51.9	-	35.9	33.6	29.3	27.2	-
154	Nonresidential building construction	547.7	504.4	533.3	514.0	-	443.5	399.9	431.2	412.3	-
16	HEAVY CONSTRUCTION CONTRACTORS	867.3	761.1	912.6	837.0	-	685.0	590.0	737.4	664.0	-
161	Highway and street construction	227.5	182.0	240.2	203.4	-	187.9	144.6	201.2	165.4	-
162	Heavy construction, except highway	639.8	579.1	672.4	633.6	-	497.1	445.4	536.2	498.6	-
17	SPECIAL TRADE CONTRACTORS	2,272.4	2,123.0	2,283.4	2,196.4	-	1,792.8	1,642.5	1,787.7	1,700.4	-
171	Plumbing, heating, air conditioning	548.5	539.6	549.5	539.8	-	411.3	401.3	406.2	397.1	-
172	Painting, paper hanging, decorating	135.8	119.8	142.5	131.6	-	112.9	96.1	118.2	107.6	-
173	Electrical work	421.7	411.6	421.3	416.0	-	327.9	317.0	326.1	320.5	-
174	Masonry, stonework, and plastering	362.1	334.3	357.7	343.6	-	311.1	282.9	302.7	288.6	-
175	Carpentering and flooring	127.1	119.3	122.9	117.3	-	96.1	87.9	90.4	84.7	-
176	Roofing and sheet metal work	171.6	146.3	181.2	171.2	-	138.6	114.0	147.4	136.7	-
-	MANUFACTURING	20,238	20,075	20,122	19,818	19,449	14,126	13,975	13,904	13,601	13,295
24, 25, 32-39	DURABLE GOODS	12,147	12,072	11,999	11,799	11,582	8,374	8,305	8,153	7,953	7,774
20-23, 28-31	NONDURABLE GOODS	8,091	8,003	8,123	8,019	7,867	5,752	5,670	5,751	5,648	5,521
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	685.9	674.6	638.7	618.2	592.8	572.2	561.6	525.1	504.8	476.3
241	Logging camps and logging contractors	82.1	80.1	82.9	78.3	-	65.2	62.8	64.9	60.2	-
242	Sawmills and planing mills	211.0	207.6	191.7	188.1	-	186.2	182.9	168.1	164.3	-
2421	Sawmills and planing mills, general	175.4	171.8	158.4	155.4	-	155.2	151.9	139.4	136.2	-
2426	Hardwood dimension and flooring	30.5	30.5	28.6	28.2	-	26.4	26.3	24.5	24.1	-
243	Millwork, plywood, and structural members	207.2	205.9	185.8	180.5	-	171.2	170.3	150.8	145.8	-
2431	Millwork	72.4	72.2	64.8	63.4	-	58.3	58.1	50.9	49.4	-
2434	Wood kitchen cabinets	49.1	48.9	44.9	43.8	-	39.7	39.5	35.1	33.9	-
2435	Hardwood veneer and plywood	26.1	26.3	25.7	24.2	-	23.0	23.1	22.6	21.2	-
2436	Softwood veneer and plywood	43.2	42.8	37.1	36.2	-	37.9	37.9	32.8	32.0	-
244	Wood containers	41.6	41.4	40.0	39.2	-	36.0	35.7	33.7	32.8	-
245	Wood buildings and mobile homes	63.8	60.7	61.1	56.9	-	47.0	44.3	43.1	40.0	-
2451	Mobile homes	44.9	43.2	45.0	41.7	-	34.4	32.8	33.2	30.7	-
249	Miscellaneous wood products	80.2	78.9	77.2	75.2	-	66.6	65.6	64.5	61.7	-
25	FURNITURE AND FIXTURES	470.5	469.6	476.5	472.2	461.8	380.5	379.1	382.2	378.8	369.8
251	Household furniture	310.4	308.3	306.8	305.6	-	260.7	258.7	255.5	254.3	-
2511	Wood household furniture	140.7	139.9	138.4	138.1	-	122.4	121.5	119.7	119.2	-
2512	Upholstered household furniture	96.4	95.5	96.4	95.6	-	79.4	78.3	78.1	77.5	-
2514	Metal household furniture	30.8	30.9	30.6	30.9	-	24.9	25.3	24.7	25.0	-
2515	Mattresses and bedsprings	29.3	29.3	28.6	27.9	-	22.5	22.5	21.8	21.1	-
252	Office furniture	49.5	50.4	53.0	52.4	-	38.9	39.6	41.3	41.0	-
253	Public building and related furniture	23.5	23.5	25.3	25.0	-	17.3	17.4	19.0	18.8	-
254	Partitions and fixtures	60.1	60.3	62.2	60.6	-	44.8	44.7	46.3	44.9	-
259	Miscellaneous furniture and fixtures	27.0	27.1	29.2	28.6	-	18.8	18.7	20.1	19.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	652.3	635.0	641.2	618.4	590.7	502.7	486.4	491.9	470.4	444.1
321	Flat glass	19.2	19.6	18.4	14.7	-	14.6	14.9	14.4	10.6	-
322	Glass and glassware, pressed or blown	122.7	121.0	121.4	118.6	-	103.1	101.6	102.9	100.5	-
3221	Glass containers	68.1	66.7	66.4	65.6	-	59.4	58.1	58.2	57.6	-
3229	Pressed and blown glass, nec	54.6	54.3	55.0	53.0	-	43.7	43.5	44.7	42.9	-
323	Products of purchased glass	46.5	46.6	47.0	45.6	-	32.4	32.4	31.5	29.9	-
324	Cement, hydraulic	29.5	29.2	29.2	28.0	-	23.3	22.9	23.3	22.3	-
325	Structural clay products	45.2	43.1	41.0	39.2	-	34.3	32.4	30.5	29.1	-
326	Pottery and related products	45.2	44.9	43.3	41.7	-	37.2	37.1	35.6	34.0	-
327	Concrete, gypsum, and plaster products	195.2	183.0	188.8	179.8	-	149.6	137.7	145.2	136.7	-
3271	Concrete block and brick	20.5	19.1	19.4	18.6	-	14.3	12.9	13.0	12.6	-
3272	Concrete products, nec	63.6	60.9	61.8	59.8	-	47.7	45.1	46.4	44.4	-
3273	Ready-mixed concrete	90.5	82.7	88.1	82.0	-	70.9	63.3	70.1	64.2	-
329	Misc. nonmetallic mineral products	137.5	136.8	139.8	138.6	-	99.2	98.7	98.6	97.4	-
3291	Abrasive products	28.7	28.7	29.5	29.4	-	19.4	19.4	19.7	19.4	-
3292	Asbestos products	17.1	17.1	17.0	16.9	-	13.2	13.3	12.8	12.8	-
3296	Mineral wool	32.2	31.9	31.1	31.3	-	-	-	-	-	-
33	PRIMARY METAL INDUSTRIES	1,136.3	1,136.7	1,087.8	1,060.6	1,048.2	875.0	877.1	826.4	802.3	797.3
331	Blast furnace and basic steel products	508.1	509.6	479.7	471.5	-	394.1	395.8	365.2	357.8	-
3312	Blast furnaces and steel mills	425.8	427.6	399.5	394.4	-	331.7	333.6	304.5	300.0	-
3317	Steel pipe and tubes	31.3	31.1	31.0	30.2	-	23.9	23.9	23.8	22.9	-
332	Iron and steel foundries	205.5	205.0	197.5	184.2	-	164.9	164.5	156.0	143.4	-
3321	Gray iron foundries	124.9	124.4	120.8	110.0	-	101.8	101.4	97.7	87.5	-
3322	Malleable iron foundries	14.9	15.3	14.3	13.4	-	11.5	11.8	10.9	10.0	-
3325	Steel foundries, nec	53.6	53.3	51.2	49.6	-	42.8	42.5	40.0	38.4	-
333	Primary nonferrous metals	72.2	72.1	68.7	68.2	-	54.6	54.4	50.9	50.6	-
3334	Primary aluminum	37.4	37.3	34.2	33.6	-	29.0	28.8	26.0	25.6	-
335	Nonferrous rolling and drawing	209.4	209.1	202.2	198.6	-	150.0	150.7	145.0	142.3	-
3351	Copper rolling and drawing	29.3	29.2	28.8	28.0	-	21.8	21.8	21.5	20.9	-
3353	Aluminum sheet, plate, and foil	34.6	34.7	32.2	31.3	-	26.5	26.7	24.9	24.5	-
3357	Nonferrous wire drawing and insulating	87.9	88.0	86.3	85.7	-	63.7	64.0	62.0	61.2	-
336	Nonferrous foundries	89.6	89.6	88.8	87.8	-	72.0	72.5	70.8	70.1	-
3361	Aluminum foundries	51.4	51.7	50.4	49.8	-	42.2	42.9	41.0	40.6	-
34	FABRICATED METAL PRODUCTS	1,596.4	1,580.2	1,563.5	1,530.9	1,495.7	1,182.3	1,167.5	1,146.4	1,114.8	1,083.0
341	Metal cans and shipping containers	71.8	71.7	68.2	67.0	-	60.5	60.1	57.9	56.4	-
3411	Metal cans	59.1	59.1	55.7	54.9	-	50.2	50.0	47.9	46.9	-
342	Cutlery, hand tools, and hardware	169.1	167.3	165.5	163.0	-	130.7	129.1	125.0	122.7	-
3423,5	Hand and edge tools, and hand saws and blades	59.0	58.4	58.0	57.8	-	45.5	45.1	44.1	44.1	-
3429	Hardware, nec	95.2	94.2	93.2	91.0	-	73.2	72.2	70.5	68.3	-
343	Plumbing and heating, except electric	68.6	68.0	68.7	67.0	-	49.1	48.4	48.9	48.4	-
3432	Plumbing fittings and brass goods	22.7	23.1	24.2	23.5	-	18.3	18.4	19.2	18.8	-
3433	Heating equipment, except electric	34.8	33.8	33.8	32.8	-	22.9	22.2	22.6	21.5	-
344	Fabricated structural metal products	508.3	503.1	491.4	485.9	-	350.2	344.8	333.4	327.4	-
3441	Fabricated structural metal	98.9	97.9	95.2	94.8	-	71.8	70.7	67.8	67.6	-
3442	Metal doors, sash, and trim	81.3	78.9	75.8	73.1	-	60.1	57.5	54.3	52.0	-
3443	Fabricated plate work (boiler shops)	150.4	149.5	144.8	144.7	-	92.4	91.6	87.2	87.0	-
3444	Sheet metal work	110.0	109.2	109.4	107.7	-	80.1	79.3	79.7	77.1	-
3446	Architectural metal work	32.3	32.4	31.0	30.8	-	23.0	22.8	21.6	21.4	-
345	Screw machine products, bolts, etc.	104.0	103.6	101.5	98.8	-	79.9	80.0	77.9	75.6	-
3451	Screw machine products	48.9	48.8	48.7	47.3	-	39.6	39.6	39.2	37.9	-
3452	Bolts, nuts, rivets, and washers	55.1	54.8	52.8	51.5	-	40.3	40.4	38.7	37.7	-
346	Metal forgings and stampings	261.9	255.0	247.5	235.5	-	206.2	199.8	195.1	183.8	-
3462	Iron and steel forgings	44.0	44.2	42.8	41.7	-	33.8	33.9	33.2	32.2	-
3465	Automotive stampings	97.0	90.2	88.3	80.8	-	79.2	73.4	73.2	66.1	-
3469	Metal stampings, nec	108.1	107.8	104.3	101.2	-	83.2	82.5	79.4	76.2	-
347	Metal services, nec	102.4	100.8	104.9	100.7	-	82.2	81.0	84.3	80.3	-
3471	Plating and polishing	69.8	68.4	70.6	67.1	-	56.9	55.7	58.0	54.4	-
3479	Metal coating and allied services	32.6	32.4	34.3	33.6	-	25.3	25.3	26.3	25.9	-
348	Ordinance and accessories, nec	59.6	59.7	60.9	61.3	-	39.8	39.6	38.7	39.5	-
3483	Ammunition, exc. for small arms, nec	25.4	25.4	25.4	25.3	-	17.6	17.6	16.2	16.3	-
349	Misc. fabricated metal products	250.7	251.0	254.9	251.7	-	183.7	184.7	185.2	182.3	-
3494	Valves and pipe fittings	102.0	102.7	104.2	103.5	-	69.5	70.4	70.2	69.8	-
3496	Misc. fabricated wire products	54.5	54.2	55.5	54.7	-	42.5	42.3	42.7	41.9	-
35	MACHINERY, EXCEPT ELECTRICAL	2,496.8	2,496.9	2,512.3	2,497.8	2,473.9	1,587.0	1,588.8	1,582.7	1,566.7	1,550.3
351	Engines and turbines	133.6	133.1	134.8	132.6	-	85.5	86.3	87.8	85.9	-
3511	Turbines and turbine generator sets	42.3	41.0	40.7	40.9	-	22.0	22.0	21.8	22.2	-
3519	Internal combustion engines, nec	91.3	92.1	94.1	91.7	-	63.5	64.3	66.0	63.7	-
352	Farm and garden machinery	172.3	174.2	157.5	156.4	-	114.9	116.8	104.4	103.8	-
3523	Farm machinery and equipment	148.6	149.8	132.5	131.3	-	97.8	99.0	85.8	85.1	-
353	Construction and related machinery	388.4	388.7	406.4	404.6	-	251.6	253.2	265.2	264.2	-
3531	Construction machinery	141.8	142.1	145.7	144.0	-	93.6	94.3	95.3	93.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls by industry— Continued

(In thousands)

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
MACHINERY, EXCEPT ELECTRICAL—Continued											
3532	Mining machinery	38.0	38.2	37.6	37.7	-	23.5	23.7	23.2	23.4	-
3533	Oil field machinery	100.9	101.8	116.5	117.4	-	68.8	69.9	81.5	83.0	-
3536	Conveyers and conveying equipment	35.1	34.6	34.1	34.5	-	19.6	19.3	19.0	19.4	-
3537	Industrial trucks and tractors	36.3	36.3	35.3	34.5	-	23.5	23.9	22.7	21.7	-
354	Metalworking machinery	368.3	365.4	357.1	354.8	-	267.8	265.1	256.3	254.0	-
3541	Machine tools, metal cutting types	80.9	80.7	75.8	75.3	-	53.5	53.2	48.4	47.6	-
3542	Machine tools, metal forming types	26.2	26.1	25.9	25.7	-	16.6	16.5	16.2	16.2	-
3544	Special dies, tools, jigs, and fixtures	136.8	134.7	134.3	133.2	-	108.8	107.1	106.2	105.2	-
3545	Machine tool accessories	69.1	68.8	68.1	68.2	-	49.0	48.7	47.7	47.8	-
3546	Power driven hand tools	30.9	30.8	28.8	28.3	-	23.8	23.7	21.9	21.3	-
355	Special industry machinery	206.4	206.3	198.5	196.4	-	130.6	130.6	124.7	123.2	-
3551	Food products machinery	45.6	45.6	42.8	42.9	-	29.0	29.1	27.1	27.2	-
3552	Textile machinery	26.2	26.2	24.1	24.1	-	18.4	18.3	16.6	16.5	-
3555	Printing trades machinery	42.4	42.5	43.0	42.7	-	26.0	26.3	26.7	26.8	-
356	General industrial machinery	314.5	314.8	309.8	307.8	-	203.4	203.4	199.5	197.8	-
3561	Pumps and pumping equipment	60.8	61.7	62.5	62.2	-	34.9	35.5	36.4	36.5	-
3562	Ball and roller bearings	57.4	57.6	53.8	53.1	-	44.6	44.8	41.2	40.6	-
3563	Air and gas compressors	30.5	30.3	30.0	29.9	-	18.1	18.0	17.9	17.7	-
3564	Blowers and fans	40.2	40.4	38.2	38.6	-	24.8	25.1	23.8	23.9	-
3566	Speed changers, drives, and gears	25.8	26.2	27.0	26.7	-	17.2	17.3	17.7	17.4	-
3568	Power transmission equipment, nec	21.4	21.3	21.9	21.5	-	15.0	14.9	15.4	15.2	-
357	Office and computing machines	441.0	440.8	466.1	468.6	-	185.9	184.1	188.5	187.0	-
3573	Electronic computing equipment	361.4	361.1	388.3	391.5	-	142.2	140.5	147.0	146.7	-
358	Refrigeration and service machinery	177.5	177.5	178.4	176.9	-	122.2	122.3	123.9	122.3	-
3585	Refrigeration and heating equipment	121.7	121.8	120.5	119.8	-	84.6	84.7	84.3	83.5	-
359	Misc. machinery, except electrical	294.8	296.1	303.7	299.7	-	225.1	227.0	232.4	228.5	-
3592	Carburetors, pistons, rings, valves	39.9	40.1	40.7	37.1	-	31.7	32.3	32.4	28.6	-
3599	Machinery, except electrical, nec	254.9	256.0	263.0	262.6	-	193.4	194.7	200.0	199.9	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	2,118.0	2,114.0	2,131.3	2,102.2	2,082.8	1,336.6	1,329.9	1,322.1	1,293.0	1,279.0
361	Electric distributing equipment	121.0	120.1	120.0	119.8	-	85.0	84.2	84.9	84.9	-
3612	Transformers	51.6	51.6	52.5	52.5	-	35.6	35.8	37.1	37.0	-
3613	Switchgear and switchboard apparatus	69.4	68.5	67.5	67.3	-	49.4	48.4	47.8	47.9	-
362	Electrical industrial apparatus	234.0	235.4	233.6	231.7	-	165.5	166.6	165.2	163.5	-
3621	Motors and generators	119.9	121.4	119.5	118.3	-	90.9	92.7	91.2	90.2	-
3622	Industrial controls	70.6	70.4	68.8	68.5	-	44.1	43.6	41.8	41.6	-
363	Household appliances	168.9	168.4	154.2	137.1	-	134.4	134.5	118.5	101.5	-
3632	Household refrigerators and freezers	33.9	35.6	30.0	24.8	-	27.4	29.3	23.3	17.9	-
3633	Household laundry equipment	20.6	20.8	18.2	15.7	-	16.2	16.5	13.6	11.1	-
3634	Electric housewares and fans	52.6	51.3	52.3	49.1	-	42.5	41.5	41.5	38.5	-
364	Electric lighting and wiring equipment	207.7	206.3	209.0	205.4	-	154.5	153.0	152.3	149.1	-
3641	Electric lamps	35.6	35.2	34.4	33.7	-	31.5	31.1	30.0	29.6	-
3643	Current-carrying wiring devices	87.4	86.6	90.0	89.2	-	60.2	59.5	60.0	59.1	-
3644	Noncurrent-carrying wiring devices	22.6	22.6	22.6	22.3	-	16.2	16.2	16.3	16.2	-
3645	Residential lighting fixtures	25.1	24.8	24.8	23.8	-	19.0	18.7	18.8	17.8	-
365	Radio and TV receiving equipment	111.5	108.8	110.2	107.4	-	79.9	77.7	77.5	74.8	-
3651	Radio and TV receiving sets	87.2	86.6	87.8	85.5	-	60.5	60.4	60.1	57.9	-
366	Communication equipment	542.3	542.6	548.6	552.6	-	263.9	263.3	261.9	266.0	-
3661	Telephone and telegraph apparatus	157.6	158.6	147.0	149.2	-	105.7	105.8	97.2	99.6	-
3662	Radio and TV communication equipment	384.7	384.0	401.6	403.4	-	158.2	157.5	164.7	166.4	-
367	Electronic components and accessories	564.0	565.8	582.7	582.6	-	330.6	329.4	336.6	335.8	-
3671-3	Electronic tubes	43.1	43.2	43.0	43.0	-	26.7	26.7	25.9	25.9	-
3674	Semiconductors and related devices	234.6	236.0	236.6	236.7	-	98.9	98.0	95.2	94.5	-
3679	Electronic components, nec	215.9	216.0	229.7	229.9	-	150.4	150.2	159.6	160.0	-
369	Misc. electrical equipment and supplies	168.6	166.6	173.0	165.6	-	122.8	121.2	125.2	117.4	-
3691	Storage batteries	33.7	32.8	35.4	35.0	-	26.8	26.1	27.8	27.4	-
3694	Engine electrical equipment	80.4	79.1	81.1	74.4	-	61.8	60.3	62.6	55.9	-
37	TRANSPORTATION EQUIPMENT	1,871.4	1,854.9	1,803.0	1,766.9	1,732.7	1,213.4	1,199.3	1,141.5	1,100.4	1,075.9
371	Motor vehicles and equipment	750.4	732.5	705.0	666.6	-	558.9	545.0	523.1	486.8	-
3711	Motor vehicles and car bodies	334.8	321.8	301.7	283.2	-	236.1	227.0	211.0	193.5	-
3713	Truck and bus bodies	36.4	35.8	32.5	31.0	-	27.3	26.8	24.5	23.3	-
3714	Motor vehicle parts and accessories	346.3	342.6	336.8	317.3	-	270.9	267.2	262.1	243.4	-
3715	Truck trailers	27.1	26.8	28.4	29.5	-	20.3	20.1	21.3	22.4	-
372	Aircraft and parts	667.7	668.3	643.3	649.1	-	362.4	361.7	338.5	334.9	-
3721	Aircraft	363.1	363.4	354.0	357.9	-	180.9	180.1	169.5	166.3	-
3724	Aircraft engines and engine parts	164.0	165.0	154.0	154.3	-	93.6	94.4	88.4	88.6	-
3728	Aircraft equipment, nec	140.6	139.9	137.3	136.9	-	87.9	87.2	80.6	80.0	-
373	Ship and boat building and repairing	223.0	223.2	223.3	222.1	-	177.8	177.9	171.7	170.5	-
3731	Ship building and repairing	177.4	178.6	175.7	175.2	-	140.1	141.0	132.2	131.7	-
3732	Boat building and repairing	45.6	44.6	47.6	46.9	-	37.7	36.9	39.5	38.8	-
374	Railroad equipment	59.6	58.4	45.0	44.8	-	43.2	42.4	29.6	29.6	-
376	Guided missiles, space vehicles, parts	116.1	116.5	122.5	123.7	-	35.3	35.3	36.6	37.4	-
3761	Guided missiles and space vehicles	92.8	93.1	98.8	99.7	-	26.7	26.7	27.6	28.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
TRANSPORTATION EQUIPMENT—Continued											
379	Miscellaneous transportation equipment	40.0	39.7	40.2	40.0	-	26.7	26.9	26.4	26.5	-
3792	Travel trailers and campers	18.2	18.3	18.7	18.3	-	14.0	14.4	14.4	14.1	-
38	INSTRUMENTS AND RELATED PRODUCTS	713.8	712.4	718.6	717.3	711.7	424.8	422.3	418.4	419.5	416.0
381	Engineering and scientific instruments	78.1	78.2	78.2	78.1	-	38.2	38.2	37.3	37.7	-
382	Measuring and controlling devices	243.2	244.0	246.1	245.0	-	151.6	153.2	152.7	152.5	-
3822	Environmental controls	47.3	47.2	44.5	43.5	-	32.6	32.6	29.0	28.4	-
3823	Process control instruments	54.1	54.4	58.8	58.6	-	28.5	28.9	30.6	30.8	-
3825	Instruments to measure electricity	103.1	104.0	104.9	105.0	-	63.0	64.4	66.8	67.1	-
383	Optical instruments and lenses	33.2	33.4	32.8	32.6	-	18.2	18.0	18.3	18.3	-
384	Medical instruments and supplies	158.1	157.6	161.6	162.5	-	102.5	100.3	100.5	102.8	-
3841	Surgical and medical instruments	73.0	72.6	75.5	76.0	-	47.6	45.6	45.0	46.8	-
3842	Surgical appliances and supplies	67.7	67.5	69.4	69.8	-	44.0	43.7	45.3	45.6	-
385	Ophthalmic goods	43.4	42.6	39.6	39.2	-	30.6	29.8	28.2	28.1	-
386	Photographic equipment and supplies	137.2	136.4	141.9	142.4	-	68.7	68.0	68.1	67.9	-
387	Watches, clocks, and watchcases	20.6	20.2	18.4	17.5	-	15.0	14.8	13.3	12.2	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	405.9	398.0	426.2	414.2	391.9	299.4	292.7	316.4	302.7	282.5
391	Jewelry, silverware, and plated ware	57.9	54.4	59.5	58.8	-	41.8	38.6	43.0	42.0	-
3911	Jewelry, precious metal	38.5	35.5	38.9	38.4	-	27.4	24.7	27.7	27.2	-
393	Musical instruments	22.3	22.1	22.1	22.2	-	18.1	17.9	17.8	17.7	-
394	Toys and sporting goods	104.1	103.0	117.9	110.6	-	74.8	74.2	89.9	81.6	-
3942, 4	Dolls, games, toys, and children's vehicles	49.9	49.7	62.3	55.0	-	33.4	33.6	46.3	38.3	-
3949	Sporting and athletic goods, nec	54.2	53.3	55.6	55.6	-	41.4	40.6	43.6	43.3	-
395	Pens, pencils, office and art supplies	38.3	37.7	39.5	39.5	-	27.0	26.7	28.1	27.6	-
396	Costume jewelry and notions	50.4	48.3	48.6	46.9	-	39.7	37.7	37.2	35.8	-
3961	Costume jewelry	25.8	24.4	25.3	24.1	-	20.3	19.1	19.8	18.8	-
399	Miscellaneous manufactures	132.9	132.5	138.6	136.2	-	98.0	97.6	100.4	98.0	-
3993	Signs and advertising displays	47.4	47.5	49.1	48.5	-	34.4	34.3	35.6	35.1	-
NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	1,688.5	1,645.2	1,689.2	1,657.5	1,614.9	1,154.4	1,115.9	1,162.4	1,131.5	1,095.0
201	Meat products	358.7	350.9	350.1	348.2	-	298.9	291.1	293.2	291.0	-
2011	Meat packing plants	161.8	159.4	156.1	156.5	-	132.5	130.2	128.8	129.3	-
2013	Sausages and other prepared meats	69.6	68.5	68.8	68.6	-	51.4	50.5	51.3	50.7	-
2016	Poultry dressing plants	113.0	108.8	112.0	110.4	-	102.6	98.1	101.7	100.2	-
202	Dairy products	173.6	171.2	170.3	170.0	-	94.9	93.4	93.3	93.6	-
2022	Cheese, natural and processed	36.4	35.2	34.5	35.2	-	28.0	27.1	26.1	27.0	-
2026	Fluid milk	100.6	99.6	98.0	97.5	-	44.4	44.1	43.6	43.6	-
203	Preserved fruits and vegetables	226.4	211.8	234.5	212.5	-	182.2	168.5	194.1	172.4	-
2032	Canned specialties	26.2	25.6	26.1	25.9	-	19.3	18.8	19.7	19.5	-
2033	Canned fruits and vegetables	80.6	72.5	81.9	69.6	-	64.6	56.3	67.3	54.9	-
2037	Frozen fruits and vegetables	42.0	39.3	48.2	41.8	-	35.8	33.4	42.4	36.3	-
204	Grain mill products	146.0	145.4	142.7	141.8	-	100.5	100.2	97.6	96.8	-
2041	Flour and other grain mill products	27.9	27.6	27.8	27.7	-	17.0	17.1	16.8	16.7	-
2048	Prepared feeds, nec	57.6	57.9	55.7	55.6	-	37.5	37.6	36.1	35.8	-
205	Bakery products	224.8	221.8	222.7	220.9	-	131.1	128.5	129.6	127.9	-
2051	Bread, cake, and related products	182.8	179.7	180.5	180.0	-	98.1	95.3	95.9	95.5	-
2052	Cookies and crackers	42.0	42.1	42.2	40.9	-	33.0	33.2	33.7	32.4	-
206	Sugar and confectionery products	115.0	111.1	124.0	119.7	-	86.9	83.8	97.9	93.7	-
2061-3	Cane and beet sugar	34.2	32.1	36.4	34.6	-	25.3	23.6	28.4	26.8	-
2065	Confectionery products	60.0	58.5	66.7	64.0	-	47.7	46.5	55.3	52.5	-
207	Fats and oils	45.4	44.9	46.7	46.1	-	33.8	33.5	35.1	34.9	-
208	Beverages	234.6	230.8	235.6	235.8	-	103.6	101.0	100.7	100.6	-
2082	Malt beverages	51.3	49.5	49.1	49.1	-	33.0	31.7	30.9	31.1	-
2086	Bottled and canned soft drinks	137.8	136.6	141.2	141.3	-	45.3	44.7	45.7	45.7	-
209	Misc. foods and kindred products	164.0	157.3	162.6	162.5	-	122.5	115.9	120.9	120.6	-
21	TOBACCO MANUFACTURES	74.4	72.0	74.9	72.8	71.7	58.0	55.8	59.3	57.2	56.6
211	Cigarettes	47.9	47.7	47.5	47.7	-	35.8	35.9	36.3	36.6	-
22	TEXTILE MILL PRODUCTS	846.1	841.0	826.8	817.8	795.7	734.8	729.1	714.0	704.1	684.3
221	Weaving mills, cotton	148.3	147.2	140.0	137.8	-	133.0	131.7	124.6	122.5	-
222	Weaving mills, synthetics	118.3	118.7	116.0	116.0	-	106.3	106.4	103.7	102.6	-
223	Weaving and finishing mills, wool	18.7	18.8	18.3	18.4	-	15.3	15.4	15.2	15.4	-
224	Narrow fabric mills	23.3	23.5	24.1	24.0	-	20.3	20.6	21.1	20.9	-
225	Knitting mills	218.6	215.1	214.7	212.2	-	188.9	185.6	185.2	183.2	-
2251	Women's hosiery, except socks	29.2	29.0	29.1	29.1	-	26.1	26.0	26.0	26.1	-
2252	Hosiery, nec	33.3	33.2	34.0	34.1	-	30.3	30.1	31.0	31.1	-
2253	Knit outerwear mills	69.2	66.9	72.8	71.1	-	59.0	56.7	61.8	60.1	-
2254	Knit underwear mills	31.5	31.3	30.2	28.9	-	27.4	27.2	25.9	24.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TEXTILE MILL PRODUCTS—Continued										
2257	Circular knit fabric mills	32.3	31.7	27.1	27.3	-	27.2	26.7	22.7	22.9	-
226	Textile finishing, except wool	72.6	72.0	71.5	70.8	-	61.0	60.4	59.5	58.8	-
2261	Finishing plants, cotton	28.5	28.0	28.4	28.1	-	23.7	23.3	23.2	23.1	-
2262	Finishing plants, synthetics	28.9	28.8	28.6	28.3	-	24.4	24.2	23.9	23.5	-
227	Floor covering mills	53.0	52.6	51.7	51.2	-	43.1	42.6	41.4	41.2	-
228	Yarn and thread mills	126.3	126.3	124.4	122.0	-	113.9	113.8	111.4	108.7	-
2281	Yarn mills, except wool	84.7	84.5	83.0	81.7	-	77.8	77.6	75.4	73.7	-
2282	Throwing and winding mills	20.9	21.1	20.2	19.3	-	18.4	18.5	17.8	17.0	-
229	Miscellaneous textile goods	67.0	66.8	66.1	65.4	-	53.0	52.6	51.9	50.8	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,241.1	1,222.8	1,259.5	1,223.9	1,185.1	1,058.6	1,040.9	1,070.2	1,036.4	1,001.7
231	Men's and boys' suits and coats	77.9	76.9	80.4	80.8	-	68.9	67.8	69.9	70.2	-
232	Men's and boys' furnishings	352.3	345.1	352.0	346.8	-	301.5	295.0	300.3	296.2	-
2321	Men's and boys' shirts and nightwear	96.3	94.5	97.4	96.0	-	82.8	80.7	83.9	82.7	-
2327	Men's and boys' separate trousers	75.4	73.9	74.8	72.3	-	65.9	64.6	65.1	63.0	-
2328	Men's and boys' work clothing	101.6	100.0	100.9	101.6	-	85.8	84.6	83.7	84.6	-
233	Women's and misses' outerwear	401.6	399.5	408.3	389.2	-	344.8	341.8	350.3	331.7	-
2331	Women's and misses' blouses and waists	61.0	60.6	61.8	59.5	-	53.2	53.1	53.8	51.5	-
2335	Women's and misses' dresses	135.5	135.3	135.2	130.4	-	119.7	119.3	118.7	113.5	-
2337	Women's and misses' suits and coats	64.6	59.2	61.7	56.7	-	55.3	50.3	52.1	47.6	-
2339	Women's and misses' outerwear, nec.	140.5	144.4	149.6	142.6	-	116.6	119.1	125.7	119.1	-
234	Women's and children's undergarments	86.8	86.3	90.6	88.7	-	73.9	73.5	77.4	75.8	-
2341	Women's and children's underwear	69.3	69.0	72.7	70.9	-	60.2	60.0	63.5	62.0	-
2342	Brassieres and allied garments	17.5	17.3	17.9	17.8	-	13.7	13.5	13.9	13.8	-
236	Children's outerwear	63.0	63.7	65.5	64.6	-	53.1	54.3	55.6	54.6	-
2361	Children's dresses and blouses	27.8	28.0	28.7	28.6	-	24.6	25.2	25.6	25.5	-
238	Misc. apparel and accessories	54.5	52.8	55.0	53.6	-	46.3	44.8	46.3	45.1	-
239	Misc. fabricated textile products	182.9	176.5	186.7	179.8	-	150.9	144.6	152.4	145.5	-
2391	Curtains and draperies	27.5	26.9	29.8	29.6	-	22.9	22.4	24.9	24.5	-
2392	House furnishings, nec.	51.0	48.1	53.5	52.0	-	42.1	39.8	44.2	42.8	-
2396	Automotive and apparel trimmings	35.2	32.7	33.1	29.1	-	30.0	27.2	26.8	22.9	-
26	PAPER AND ALLIED PRODUCTS	691.5	687.7	686.4	682.1	675.3	521.4	518.1	515.5	511.8	506.2
261, 2,6	Paper and pulp mills	205.4	202.7	202.5	202.3	-	154.7	152.5	152.2	152.5	-
262	Paper mills, except building paper	177.0	174.9	175.3	175.5	-	131.9	130.3	130.4	130.8	-
263	Paperboard mills	65.0	64.8	62.5	62.3	-	50.6	50.6	49.1	48.6	-
264	Misc. converted paper products	216.7	216.5	218.5	218.7	-	159.7	159.5	159.5	160.0	-
2641	Paper coating and glazing	56.5	55.8	57.0	57.1	-	36.6	35.9	36.4	36.2	-
2642	Envelopes	25.2	25.5	25.7	25.6	-	19.7	20.0	20.0	19.9	-
2643	Bags, except textile bags	50.3	50.2	50.7	50.8	-	39.3	39.5	39.5	39.7	-
265	Paperboard containers and boxes	204.4	203.7	202.9	198.8	-	156.4	155.5	154.7	150.7	-
2651	Folding paperboard boxes	42.4	42.0	42.6	42.1	-	33.5	33.0	33.1	32.5	-
2653	Corrugated and solid fiber boxes	105.5	105.8	104.7	102.8	-	77.3	77.4	77.1	75.1	-
2654	Sanitary food containers	25.9	26.0	25.2	25.3	-	21.2	21.3	20.3	20.5	-
27	PRINTING AND PUBLISHING	1,278.3	1,269.0	1,305.1	1,310.7	1,301.8	715.3	704.7	718.6	723.5	718.8
271	Newspapers	428.0	425.1	438.4	440.2	-	166.7	164.8	167.5	167.8	-
272	Periodicals	90.1	91.8	95.4	95.8	-	17.0	17.2	19.3	19.9	-
273	Books	101.8	101.7	100.3	101.5	-	52.7	53.2	49.5	51.6	-
2731	Book publishing	71.3	71.9	72.0	72.8	-	27.3	28.2	26.6	28.2	-
2732	Book printing	30.5	29.8	28.3	28.7	-	25.4	25.0	22.9	23.4	-
274	Miscellaneous publishing	50.4	50.2	49.7	51.9	-	27.2	26.9	26.5	28.3	-
275	Commercial printing	428.3	423.5	440.7	440.3	-	319.2	313.2	324.4	323.5	-
2751	Commercial printing, letterpress	170.1	167.6	173.9	172.3	-	127.0	124.3	128.5	126.9	-
2752	Commercial printing, lithographic	235.4	233.5	243.6	244.3	-	173.4	170.6	177.5	177.6	-
276	Manifold business forms	49.1	48.7	48.8	49.0	-	34.1	33.8	33.7	34.1	-
278	Blankbooks and bookbinding	60.8	59.3	60.8	60.7	-	49.8	48.3	49.1	49.2	-
279	Printing trade services	44.3	44.6	45.2	45.4	-	33.0	33.1	33.2	33.3	-
28	CHEMICALS AND ALLIED PRODUCTS	1,101.2	1,100.1	1,100.2	1,098.2	1,092.0	619.6	620.0	617.1	612.6	609.0
281	Industrial inorganic chemicals	161.5	162.0	163.2	162.5	-	86.5	87.7	88.8	87.7	-
2819	Industrial inorganic chemicals, nec.	106.4	107.1	106.6	106.2	-	57.3	58.0	57.9	57.4	-
282	Plastics materials and synthetics	203.2	201.4	194.6	195.1	-	134.7	133.0	126.6	126.3	-
2821	Plastics materials and resins	80.4	79.4	77.7	78.6	-	47.1	46.0	45.3	45.7	-
2824	Organic fibers, noncellulosic	95.9	94.8	92.3	91.9	-	67.8	67.0	64.7	64.1	-
283	Drugs	197.4	198.1	201.5	201.7	-	96.9	97.7	100.0	99.1	-
2834	Pharmaceutical preparations	155.8	156.4	158.3	158.8	-	74.5	75.4	76.9	76.7	-
284	Soap, cleaners, and toilet goods	140.2	139.5	139.4	138.7	-	86.0	85.9	86.6	86.0	-
2841	Soap and other detergents	42.3	42.2	40.1	40.2	-	27.5	27.8	26.2	26.2	-
2844	Toilet preparations	56.6	55.8	57.3	56.8	-	36.4	36.0	38.0	37.8	-
2842, 3	Polishing, sanitation, and finishing preparations	41.3	41.5	42.0	41.7	-	22.1	22.1	22.4	22.0	-
285	Paints and allied products	63.8	63.8	62.5	62.3	-	31.6	31.4	30.2	29.9	-
286	Industrial organic chemicals	169.1	169.3	171.0	170.7	-	85.3	85.5	85.5	85.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
2865	Cyclic crudes and intermediates	34.3	34.6	34.9	35.0	-	20.5	20.7	21.6	21.6	-
2861,9	Gum, wood, and industrial organic chemicals, nec	134.8	134.7	136.1	135.7	-	64.8	64.8	63.9	63.5	-
287	Agricultural chemicals	71.0	71.5	72.0	71.6	-	44.1	44.5	44.9	44.4	-
289	Miscellaneous chemical products	95.0	94.5	96.0	95.6	-	54.5	54.3	54.5	54.1	-
29	PETROLEUM AND COAL PRODUCTS	206.8	206.5	210.4	207.2	199.2	131.1	130.5	129.6	126.3	120.9
291	Petroleum refining	166.6	167.8	170.0	169.8	-	102.4	103.0	101.1	100.7	-
295	Paving and roofing materials	28.1	26.6	28.3	25.3	-	21.0	19.7	21.1	18.3	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	733.2	731.8	738.6	726.6	718.5	565.6	564.1	567.0	556.6	549.3
301	Tires and inner tubes	121.6	122.1	121.5	120.9	-	86.5	86.8	84.4	84.7	-
302	Rubber and plastics footwear	21.2	20.3	20.5	19.9	-	18.7	17.9	18.1	17.4	-
303,4	Reclaimed rubber, and rubber and plastics hose and belting	23.2	22.8	22.5	22.2	-	15.9	15.7	15.8	15.6	-
306	Fabricated rubber products, nec	105.9	105.8	104.4	100.9	-	82.4	82.3	80.6	76.9	-
307	Miscellaneous plastics products	461.3	460.8	469.7	462.7	-	362.1	361.4	368.1	362.0	-
31	LEATHER AND LEATHER PRODUCTS	229.4	226.9	232.1	222.3	212.3	193.1	190.8	197.3	187.8	179.1
311	Leather tanning and finishing	19.5	19.5	19.4	19.5	-	16.3	16.2	16.2	16.3	-
314	Footwear, except rubber	140.9	141.1	141.3	134.6	-	120.5	120.9	122.4	115.9	-
3143	Men's footwear, except athletic	56.7	56.6	58.3	54.8	-	48.4	48.4	50.2	46.6	-
3144	Women's footwear, except athletic	51.9	52.6	49.7	48.1	-	44.3	45.0	43.1	41.8	-
316	Luggage	15.4	14.2	14.9	14.3	-	11.2	10.2	11.6	11.1	-
317	Handbags and personal leather goods	28.7	27.7	30.3	28.8	-	24.2	23.1	24.8	23.4	-
-	TRANSPORTATION AND PUBLIC UTILITIES	5,150	5,063	5,183	5,140	5,047	4,294	4,206	4,293	4,255	4,162
40	RAILROAD TRANSPORTATION	520.9	511.3	493.7	478.7	-	-	-	-	-	-
4011	Class I railroads ²	468.6	460.2	445.7	432.1	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	275.9	274.4	290.1	290.4	-	255.5	254.4	270.2	269.9	-
411	Local and suburban transportation	81.5	81.9	83.7	84.9	-	74.8	75.1	76.3	77.6	-
412	Taxicabs	53.3	53.4	50.0	50.6	-	-	-	-	-	-
413	Intercity highway transportation	38.4	37.5	38.4	38.5	-	35.0	34.2	35.2	35.1	-
415	School buses	88.5	87.8	102.6	101.8	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	1,281.1	1,219.8	1,251.5	1,244.1	-	1,123.8	1,062.1	1,092.2	1,086.9	-
421,3	Trucking and trucking terminals	1,193.3	1,134.1	1,164.1	1,157.5	-	1,049.3	990.1	1,017.8	1,013.4	-
422	Public warehousing	87.8	85.7	87.4	86.6	-	74.5	72.0	74.4	73.5	-
44	WATER TRANSPORTATION	205.1	196.9	206.8	192.4	-	-	-	-	-	-
45	TRANSPORTATION BY AIR	450.4	451.7	453.3	452.6	-	-	-	-	-	-
451,2	Air transportation	401.0	401.8	402.5	401.1	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	21.5	21.5	22.3	22.4	-	15.2	15.2	15.3	15.4	-
47	TRANSPORTATION SERVICES	193.9	193.8	213.2	211.2	-	-	-	-	-	-
48	COMMUNICATION	1,360.9	1,353.5	1,377.6	1,374.9	-	1,015.1	1,012.5	1,026.1	1,028.6	-
481	Telephone communication	1,072.3	1,064.8	1,074.6	1,070.9	-	778.2	776.4	777.7	778.2	-
483	Radio and television broadcasting	202.0	200.5	206.0	206.2	-	162.4	160.8	167.3	168.2	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	840.0	839.8	874.8	873.5	-	685.1	683.6	714.2	712.6	-
491	Electric services	402.7	403.3	416.0	415.5	-	326.3	326.8	335.8	335.3	-
492	Gas production and distribution	170.4	170.0	176.3	176.1	-	138.9	138.4	142.5	142.1	-
493	Combination utility services	195.7	195.5	208.7	208.5	-	158.8	157.5	172.2	171.7	-
495	Sanitary services	48.3	48.1	50.6	50.3	-	42.4	42.1	44.6	44.5	-
-	WHOLESALE AND RETAIL TRADE	21,138	20,366	21,148	21,403	20,726	18,592	17,836	18,522	18,780	18,108
50,51	WHOLESALE TRADE	5,315	5,276	5,379	5,353	5,304	4,334	4,296	4,372	4,350	4,300
50	WHOLESALE TRADE - DURABLE GOODS	3,135	3,125	3,196	3,189	-	2,553	2,540	2,587	2,581	-
501	Motor vehicles and automotive equipment	415.4	412.6	417.4	417.7	-	335.0	332.0	337.0	337.2	-
502	Furniture and home furnishing	117.9	116.7	124.7	124.3	-	96.5	95.0	102.4	102.0	-
503	Lumber and construction materials	194.5	190.3	189.0	187.0	-	160.2	155.7	155.7	153.3	-
504	Sporting goods, toys, and hobby goods	72.8	72.5	76.2	75.6	-	58.6	58.0	60.9	60.4	-
505	Metals and minerals, except petroleum	152.6	153.0	153.8	152.9	-	122.1	122.2	123.3	122.7	-
506	Electrical goods	420.5	419.2	427.2	427.2	-	341.1	339.6	344.8	344.9	-
507	Hardware, plumbing, and heating equipment	243.4	242.9	243.7	243.8	-	199.9	199.1	198.1	197.7	-

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry— Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	WHOLESALE TRADE-DURABLE GOODS—										
	Continued										
508	Machinery, equipment, and supplies	1,312.5	1,314.2	1,365.3	1,364.9	-	1,064.5	1,065.9	1,097.5	1,098.5	-
509	Miscellaneous durable goods	205.8	203.7	198.4	195.4	-	174.8	172.4	167.0	164.5	-
51	WHOLESALE TRADE-NONDURABLE GOODS	2,180	2,151	2,183	2,164	-	1,781	1,756	1,785	1,769	-
511	Paper and paper products	153.6	153.2	157.2	157.0	-	124.7	124.4	126.9	126.5	-
512	Drugs, proprietaries, and sundries	150.5	150.4	153.0	152.8	-	127.2	127.1	129.3	129.8	-
513	Apparel, piece goods, and notions	169.1	165.9	170.0	168.4	-	134.0	130.5	133.9	132.5	-
514	Groceries and related products	683.4	671.3	680.9	674.4	-	586.9	574.3	585.5	579.4	-
516	Chemicals and allied products	129.1	129.7	129.9	130.3	-	93.0	93.9	92.7	93.3	-
517	Petroleum and petroleum products	223.4	224.1	223.6	223.9	-	163.2	168.2	168.2	169.1	-
518	Beer, wine, and distilled beverages	141.6	138.4	142.8	143.6	-	118.7	115.3	119.2	119.8	-
519	Miscellaneous nondurable goods	381.5	375.2	382.4	376.7	-	311.1	304.5	310.5	305.5	-
52-59	RETAIL TRADE	15,823	15,090	15,769	16,050	15,422	14,258	13,540	14,150	14,430	13,808
52	BUILDING MATERIALS AND GARDEN										
	SUPPLIES	623.7	601.6	609.5	606.0	-	528.0	504.9	513.5	511.5	-
521	Lumber and other building materials	326.9	318.9	319.4	314.7	-	276.2	267.9	269.9	265.4	-
525	Hardware stores	154.0	148.9	150.0	151.5	-	132.3	126.8	128.0	129.2	-
53	GENERAL MERCHANDISE STORES	2,561.0	2,303.7	2,385.4	2,540.6	-	2,400.3	2,150.0	2,183.6	2,337.7	-
531	Department stores	2,139.7	1,930.9	1,993.4	2,123.7	-	2,017.4	1,811.5	1,828.5	1,958.4	-
533	Variety stores	283.2	254.5	257.7	271.8	-	262.4	237.6	239.7	253.4	-
539	Misc. general merchandise stores	138.1	118.3	134.3	145.1	-	120.5	100.9	115.4	125.9	-
54	FOOD STORES	2,469.8	2,431.8	2,503.9	2,522.7	-	2,289.9	2,252.5	2,323.2	2,341.5	-
541	Grocery stores	2,157.1	2,136.9	2,194.4	2,205.1	-	2,004.2	1,984.3	2,042.4	2,052.0	-
542	Meat markets and freezer provisioners	56.3	55.8	56.0	55.4	-	-	-	-	-	-
546	Retail bakeries	129.2	125.9	128.4	128.6	-	118.6	115.6	118.2	118.8	-
55	AUTOMOTIVE DEALERS AND SERVICE										
	STATIONS	1,681.5	1,671.8	1,670.5	1,664.2	-	1,422.3	1,415.8	1,415.1	1,409.5	-
551,2	New and used car dealers	770.6	766.0	759.3	752.1	-	630.5	626.7	620.9	615.5	-
553	Auto and home supply stores	267.9	264.7	278.1	280.5	-	232.1	229.1	240.7	243.2	-
554	Gasoline service stations	567.8	567.3	558.8	558.8	-	495.0	496.6	490.5	489.2	-
56	APPAREL AND ACCESSORY STORES	1,078.8	979.1	1,016.4	1,089.8	-	937.5	838.4	873.1	946.0	-
561	Men's and boys' clothing and furnishings	152.8	138.4	137.5	152.4	-	132.3	117.8	117.6	132.2	-
562	Women's ready-to-wear stores	393.7	352.9	369.1	391.5	-	344.7	304.7	321.1	343.5	-
565	Family clothing stores	213.4	188.8	197.9	220.9	-	189.1	165.4	174.1	197.0	-
566	Shoe stores	207.2	195.4	203.9	212.5	-	174.0	161.5	167.4	175.8	-
57	FURNITURE AND HOME FURNISHINGS										
	STORES	626.2	608.8	621.5	626.7	-	520.9	504.9	515.4	521.6	-
571	Furniture and home furnishings stores	384.3	375.3	382.1	383.7	-	320.4	311.6	316.9	318.4	-
572	Household appliance stores	86.0	82.8	86.9	87.6	-	73.3	70.8	73.9	75.0	-
573	Radio, television, and music stores	155.9	150.7	152.5	155.4	-	127.2	122.5	124.6	128.2	-
58	EATING AND DRINKING PLACES	4,720.8	4,561.3	4,915.0	4,890.0	-	4,348.5	4,188.1	4,528.8	4,500.6	-
59	MISCELLANEOUS RETAIL	2,060.8	1,931.4	2,046.4	2,110.0	-	1,810.5	1,685.6	1,797.6	1,861.4	-
591	Drug stores and proprietary stores	499.7	488.7	498.3	505.0	-	453.1	442.9	450.9	456.8	-
592	Liquor stores	133.1	125.8	132.6	136.8	-	-	-	-	-	-
594	Miscellaneous shopping goods stores	679.5	616.1	674.9	716.7	-	586.7	525.1	584.7	627.0	-
596	Nonstore retailers	305.6	274.5	306.4	309.9	-	282.8	254.2	285.1	288.6	-
598	Fuel and ice dealers	109.5	111.7	105.0	107.2	-	92.5	94.5	87.8	90.0	-
599	Retail stores, nec.	275.4	256.9	271.7	277.3	-	231.0	213.5	227.7	233.3	-
-	FINANCE, INSURANCE, AND REAL										
	ESTATE	5,237	5,235	5,344	5,351	5,327	3,956	3,950	4,027	4,024	4,006
60	BANKING	1,596.5	1,601.2	1,635.6	1,640.5	-	1,227.3	1,225.8	1,245.8	1,243.7	-
602	Commercial and stock savings banks	1,455.9	1,460.2	1,490.9	1,495.1	-	1,112.5	1,111.2	1,129.5	1,126.8	-
61	CREDIT AGENCIES OTHER THAN BANKS	578.4	578.4	576.0	577.2	-	436.7	441.1	436.7	436.9	-
612	Savings and loan associations	261.5	264.4	270.4	272.7	-	199.5	201.2	205.1	207.0	-
614	Personal credit institutions	203.6	201.1	192.3	191.6	-	151.8	155.1	148.4	147.3	-
62	SECURITY, COMMODITY BROKERS, AND										
	SERVICES	233.2	234.8	253.1	253.6	-	-	-	-	-	-
621	Security brokers and dealers	189.6	190.9	208.7	209.6	-	-	-	-	-	-
63	INSURANCE CARRIERS	1,237.0	1,232.8	1,235.3	1,239.9	-	860.5	859.1	851.1	854.3	-
631	Life insurance	535.8	533.2	535.8	538.2	-	328.4	329.7	332.9	334.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	INSURANCE CARRIERS—Continued										
632	Medical service and health insurance	144.4	144.1	143.4	143.8	-	115.5	115.2	113.9	114.5	-
633	Fire, marine, and casualty insurance	483.0	482.0	484.6	486.6	-	358.3	356.2	348.9	350.7	-
64	INSURANCE AGENTS, BROKERS, AND SERVICE	459.5	461.5	472.5	472.3	-	-	-	-	-	-
65	REAL ESTATE	991.8	984.2	1,021.2	1,015.7	-	-	-	-	-	-
651	Real estate operators and lessors	461.2	458.2	476.4	475.7	-	-	-	-	-	-
653	Real estate agents and managers	379.6	377.9	387.6	387.0	-	-	-	-	-	-
655	Subdividers and developers	129.1	126.4	137.0	133.0	-	-	-	-	-	-
66	COMBINED REAL ESTATE, INSURANCE, ETC.	21.1	21.3	21.0	21.1	-	-	-	-	-	-
67	HOLDING AND OTHER INVESTMENT OFFICES	119.5	121.2	129.4	130.6	-	-	-	-	-	-
	SERVICES	18,149	17,972	18,800	18,754	18,503	16,134	15,953	16,706	16,654	16,413
70	HOTELS AND OTHER LODGING PLACES	1,020.6	993.9	1,056.0	1,034.9	-	-	-	-	-	-
701	Hotels, motels, and tourist courts	991.7	964.8	1,025.3	1,003.2	-	907.7	880.1	935.6	914.6	-
72	PERSONAL SERVICES	896.9	894.7	897.6	899.8	-	-	-	-	-	-
721	Laundry, cleaning, and garment services	357.5	354.7	356.6	354.8	-	319.7	316.9	318.6	316.7	-
723	Beauty shops	288.7	281.7	289.0	293.2	-	266.7	261.3	266.2	270.0	-
726	Funeral service and crematories	71.4	71.2	72.8	73.6	-	-	-	-	-	-
73	BUSINESS SERVICES	3,237.6	3,206.4	3,384.8	3,374.3	-	2,825.7	2,797.8	2,962.1	2,944.4	-
731	Advertising	154.6	154.6	156.7	156.9	-	117.6	117.7	121.0	120.7	-
732	Credit reporting and collection	72.9	72.1	71.3	71.2	-	-	-	-	-	-
733	Mailing, reproduction, stenographic	125.8	123.8	135.5	133.5	-	-	-	-	-	-
734	Services to buildings	496.2	495.3	525.0	527.7	-	448.3	447.4	478.3	479.2	-
736	Personnel supply services	608.7	593.9	603.7	590.2	-	-	-	-	-	-
737	Computer and data processing services	322.0	325.9	358.8	361.4	-	269.0	272.8	294.3	295.9	-
75	AUTO REPAIR, SERVICES, AND GARAGES	569.7	571.5	584.0	580.0	-	485.7	486.3	497.2	494.5	-
753	Automotive repair shops	347.8	349.3	358.2	356.7	-	296.0	296.2	302.1	301.8	-
76	MISCELLANEOUS REPAIR SERVICES	294.8	291.5	300.6	304.0	-	245.5	242.8	254.0	257.1	-
78	MOTION PICTURES	209.1	202.1	212.1	206.2	-	182.8	172.0	179.8	175.4	-
781	Motion picture production and services	81.4	76.6	81.8	78.5	-	67.5	63.4	66.7	64.9	-
783	Motion picture theaters	116.6	114.5	119.6	117.0	-	-	-	-	-	-
79	AMUSEMENT AND RECREATION SERVICES	695.8	664.9	738.7	755.7	-	623.8	594.4	663.2	679.6	-
80	HEALTH SERVICES	5,393.5	5,406.8	5,631.8	5,638.7	-	4,817.6	4,828.9	5,040.0	5,046.8	-
801	Offices of physicians	765.0	767.2	794.8	794.3	-	626.8	628.5	651.4	651.1	-
802	Offices of dentists	350.2	345.9	366.5	366.1	-	305.1	303.0	325.2	325.0	-
805	Nursing and personal care facilities	1,024.0	1,027.7	1,064.2	1,065.2	-	924.7	927.4	962.4	963.6	-
806	Hospitals	2,803.0	2,815.9	2,934.7	2,939.4	-	2,569.5	2,579.3	2,691.4	2,695.7	-
81	LEGAL SERVICES	520.0	518.9	549.2	545.8	-	444.3	443.4	465.7	462.0	-
82	EDUCATIONAL SERVICES	1,205.5	1,136.2	1,247.2	1,221.4	-	-	-	-	-	-
821	Elementary and secondary schools	304.4	297.6	301.2	300.8	-	-	-	-	-	-
822	Colleges and universities	779.9	718.1	819.8	795.1	-	-	-	-	-	-
83	SOCIAL SERVICES	1,171.3	1,171.7	1,183.2	1,186.2	-	-	-	-	-	-
86	MEMBERSHIP ORGANIZATIONS	1,581.3	1,557.3	1,590.9	1,594.7	-	-	-	-	-	-
89	MISCELLANEOUS SERVICES	1,010.2	1,019.2	1,043.1	1,046.4	-	841.6	848.9	863.1	865.2	-
891	Engineering and architectural services	554.2	553.2	568.7	568.8	-	470.8	468.4	475.4	476.0	-
893	Accounting, auditing, and bookkeeping	324.5	335.0	338.6	341.7	-	261.4	271.3	273.9	275.3	-
	GOVERNMENT	16,435	16,216	16,157	16,129	15,884	-	-	-	-	-
	FEDERAL GOVERNMENT	2,782	2,773	2,729	2,726	2,708	-	-	-	-	-
	Executive, by agency ⁴	2,728.5	2,717.6	2,675.6	2,672.4	-	-	-	-	-	-
	Department of Defense	893.6	892.9	921.6	924.4	-	-	-	-	-	-
	Postal Service	672.5	652.9	663.2	668.8	-	-	-	-	-	-
	Other executive agencies	1,162.4	1,171.8	1,090.8	1,079.2	-	-	-	-	-	-
	Legislative	38.9	40.8	38.5	38.5	-	-	-	-	-	-
	Judicial	14.9	15.0	15.2	15.2	-	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

B-2. Employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	FEDERAL GOVERNMENT—Continued										
	Federal Government, by industry										
-	Manufacturing activities	107.0	107.5	112.5	112.7	-	-	-	-	-	
3731	Shipbuilding and repairing	57.1	57.4	59.8	60.1	-	-	-	-	-	
-	Transportation and public utilities, except										
-	Postal Service	40.8	40.5	42.1	41.8	-	-	-	-	-	
-	Services	410.2	408.8	403.0	400.1	-	-	-	-	-	
806	Federal government hospitals	233.1	234.5	230.8	231.4	-	-	-	-	-	
-	STATE AND LOCAL GOVERNMENT	13,653	13,443	13,428	13,403	13,176	-	-	-	-	
-	State government	3,657.5	3,556.6	3,647.8	3,620.1	-	-	-	-	-	
806	State government hospitals	535.8	535.0	532.5	532.1	-	-	-	-	-	
82	State education	1,462.1	1,362.4	1,476.4	1,446.4	-	-	-	-	-	
-	General administration including executive, legislative, and judicial functions	1,030.1	1,030.8	1,027.3	1,031.7	-	-	-	-	-	
-	Local government	9,995.2	9,886.4	9,780.4	9,782.6	-	-	-	-	-	
-	Transportation and public utilities	627.6	628.0	638.1	638.2	-	-	-	-	-	
806	Local government hospitals	615.0	616.8	635.0	638.8	-	-	-	-	-	
82	Local education	5,434.8	5,338.8	5,374.5	5,368.7	-	-	-	-	-	
-	General administration including executive, legislative, and judicial functions	2,942.0	2,930.9	2,823.4	2,826.9	-	-	-	-	-	

¹ Data relate to production and related workers in mining and manufacturing, to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

² Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

³ Data for nonoffice sales agents excluded from nonsupervisory count for all series in this division.

⁴ Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

- Data not available.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry

[In thousands]

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
-	TOTAL	38,751	39,100	39,361	39,733	39,873
-	PRIVATE SECTOR	30,855	31,094	31,962	32,016	32,058
-	MINING	107	110	132	133	134
10	METAL MINING	7.9	9.0	9.2	8.8	8.5
11, 12	COAL MINING	10.9	10.9	11.8	11.9	11.9
13	OIL AND GAS EXTRACTION	79.1	80.3	100.8	101.8	103.5
131, 2	Crude petroleum, natural gas, and natural gas liquids	51.7	52.3	63.7	64.3	65.1
138	Oil and gas field services	27.4	28.0	37.1	37.5	38.4
14	NONMETALLIC MINERALS, EXCEPT FUELS	9.5	9.7	10.0	10.0	10.0
142	Crushed and broken stone	2.6	2.6	2.7	2.7	2.7
144	Sand and gravel	3.1	3.2	3.2	3.2	3.2
-	CONSTRUCTION	388	389	406	404	401
15	GENERAL BUILDING CONTRACTORS	137.1	138.5	140.7	139.1	137.9
152	Residential building construction	81.1	81.8	84.9	83.5	82.9
153	Operative builders	14.2	14.4	14.5	14.3	14.0
154	Nonresidential building construction	41.8	42.3	41.3	41.3	41.0
16	HEAVY CONSTRUCTION CONTRACTORS	64.3	63.8	64.8	64.3	63.0
161	Highway and street construction	18.9	17.5	17.9	17.0	15.9
162	Heavy construction, except highway	45.4	46.3	46.9	47.3	47.1
17	SPECIAL TRADE CONTRACTORS	186.4	187.0	200.0	200.1	199.9
171	Plumbing, heating, air conditioning	50.8	51.3	54.8	54.9	54.9
172	Painting, paper hanging, decorating	11.6	11.9	12.8	12.7	12.9
173	Electrical work	35.4	35.5	37.0	37.1	37.5
174	Masonry, stonework, and plastering	21.4	21.4	24.3	24.1	24.1
175	Carpentering and flooring	14.9	14.9	15.3	15.2	15.1
176	Roofing and sheet metal work	13.5	13.4	13.8	14.1	14.0
-	MANUFACTURING	6,338	6,339	6,535	6,478	6,396
24, 25, 32-39	DURABLE GOODS	2,997	3,020	3,109	3,095	3,054
20-23, 26-31	NONDURABLE GOODS	3,341	3,319	3,426	3,383	3,342
	DURABLE GOODS					
24	LUMBER AND WOOD PRODUCTS	103.4	103.6	104.8	102.1	98.4
241	Logging camps and logging contractors	5.8	5.0	5.7	5.5	5.5
242	Sawmills and planing mills	20.1	20.2	19.9	19.2	18.5
2421	Sawmills and planing mills, general	14.5	14.4	14.1	13.7	13.2
243	Millwork, plywood, and structural members	41.3	42.0	42.6	41.5	39.2
244	Wood containers	7.1	7.2	7.0	6.9	6.8
245	Wood buildings and mobile homes	8.3	8.2	8.6	8.2	7.9
249	Miscellaneous wood products	20.8	21.0	21.0	20.8	20.5
25	FURNITURE AND FIXTURES	138.4	140.4	146.1	147.0	144.7
251	Household furniture	99.9	101.5	103.0	103.7	102.3
2511	Wood household furniture	43.8	44.1	44.5	44.3	43.7
2512	Upholstered household furniture	33.3	33.7	34.9	34.6	34.0
2515	Mattresses and bedsprings	8.2	8.0	8.5	8.1	7.8
252	Office furniture	12.1	12.4	13.8	13.7	13.6
253	Public building and related furniture	4.9	5.0	5.8	5.9	5.8
254	Partitions and fixtures	10.7	10.7	11.3	11.3	10.9
259	Miscellaneous furniture and fixtures	10.8	10.8	12.2	12.4	12.1
32	STONE, CLAY, AND GLASS PRODUCTS	125.8	126.6	130.8	129.4	127.4
322	Glass and glassware, pressed or blown	41.3	41.1	41.7	41.5	40.4
3221	Glass containers	23.4	23.0	23.2	23.0	22.1
3229	Pressed and blown glass, nec	17.9	18.1	18.5	18.5	18.3
323	Products of purchased glass	13.4	13.3	13.8	13.4	13.4
324	Cement, hydraulic	1.6	1.7	1.8	1.7	1.7
325	Structural clay products	6.4	6.5	6.8	6.7	6.6
326	Pottery and related products	15.0	15.2	15.3	14.9	14.5
327	Concrete, gypsum, and plaster products	15.5	15.4	14.9	14.8	14.7
329	Misc. nonmetallic mineral products	29.8	30.6	33.1	32.9	32.7
33	PRIMARY METAL INDUSTRIES	121.7	123.9	125.1	121.9	118.9
331	Blast furnace and basic steel products	37.9	38.7	41.5	39.8	38.1
3312	Blast furnaces and steel mills	28.5	28.9	31.1	29.4	28.1
332	Iron and steel foundries	18.4	18.7	18.3	17.7	17.2

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry — Continued

[In thousands]

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
PRIMARY METAL INDUSTRIES —Continued						
3321	Gray iron foundries	8.5	8.9	9.0	8.6	8.3
3322	Malleable iron foundries	1.0	1.0	1.1	1.0	1.0
3325	Steel foundries, nec	5.0	5.0	4.7	4.6	4.5
333	Primary nonferrous metals	4.7	5.0	5.0	5.0	4.9
3334	Primary aluminum	2.2	2.2	2.2	2.2	2.1
335	Nonferrous rolling and drawing	41.1	41.5	38.7	38.0	37.5
3351	Copper rolling and drawing	3.3	3.2	3.6	3.4	3.4
3353	Aluminum sheet, plate, and foil	3.9	4.0	3.8	3.7	3.4
3357	Nonferrous wire drawing and insulating	25.7	26.0	23.5	23.3	23.2
336	Nonferrous foundries	14.1	14.4	15.7	15.5	15.3
3361	Aluminum foundries	6.9	7.1	8.0	8.0	7.9
34	FABRICATED METAL PRODUCTS	332.8	335.0	342.3	336.9	329.7
341	Metal cans and shipping containers	12.5	12.3	12.8	11.9	11.3
3411	Metal cans	10.8	10.6	11.0	10.1	9.6
342	Cutlery, hand tools, and hardware	55.9	57.2	57.9	56.7	55.9
3423, 5	Hand and edge tools, and hand saws and blades	15.9	16.0	16.6	16.5	16.2
3429	Hardware, nec	32.8	33.9	34.8	33.8	33.3
343	Plumbing and heating, except electric	15.8	15.4	17.2	16.9	16.7
344	Fabricated structural metal products	72.1	72.0	72.2	71.6	70.2
3441	Fabricated structural metal	7.2	7.2	7.5	7.4	7.3
3442	Metal doors, sash, and trim	21.3	21.4	20.7	20.2	19.4
3443	Fabricated plate work (boiler shops)	18.4	18.5	18.6	18.7	18.6
3444	Sheet metal work	15.7	15.5	15.9	15.8	15.4
345	Screw machine products, bolts, etc.	23.4	23.6	23.5	23.5	22.9
3451	Screw machine products	12.1	12.2	12.0	12.1	11.7
3452	Bolts, nuts, rivets, and washers	11.3	11.4	11.5	11.4	11.2
346	Metal forgings and stampings	53.2	54.0	53.7	51.8	49.3
3462	Iron and steel forgings	4.2	4.3	4.2	4.1	4.0
3465	Automotive stampings	13.9	14.4	13.2	12.7	11.7
3469	Metal stampings, nec	32.6	32.8	33.6	32.4	31.0
347	Metal services, nec	24.4	24.3	25.0	25.1	24.8
3471	Plating and polishing	17.1	17.1	18.0	18.1	18.0
3479	Metal coating and allied services	7.3	7.2	7.0	7.0	6.8
348	Ordnance and accessories, nec	16.8	16.9	17.1	17.0	17.2
349	Misc. fabricated metal products	58.7	59.3	62.9	62.4	61.4
3494	Valves and pipe fittings	21.7	22.1	23.4	23.3	23.2
3496	Misc. fabricated wire products	14.3	14.4	15.3	15.2	15.0
35	MACHINERY, EXCEPT ELECTRICAL	491.8	495.8	516.0	517.3	515.6
351	Engines and turbines	24.4	24.9	24.9	25.2	25.6
3511	Turbines and turbine generator sets	6.1	6.2	5.8	5.9	5.9
3519	Internal combustion engines, nec	18.3	18.7	19.1	19.3	19.7
352	Farm and garden machinery	27.3	27.8	26.5	26.9	26.7
3523	Farm machinery and equipment	21.1	21.1	19.7	19.6	19.0
353	Construction and related machinery	48.6	49.4	53.9	53.6	53.6
3531	Construction machinery	13.9	14.3	16.0	15.9	15.9
3533	Oil field machinery	14.0	14.3	16.7	16.9	17.2
354	Metalworking machinery	56.8	57.0	57.6	57.4	57.2
3541	Machine tools, metal cutting types	10.3	10.6	10.5	10.4	10.0
3544	Special dies, tools, jigs, and fixtures	15.7	15.7	16.3	15.8	15.9
3545	Machine tool accessories	13.4	13.2	13.6	13.5	13.4
355	Special industry machinery	30.8	31.0	30.2	30.1	29.9
3551	Food products machinery	6.1	6.2	5.5	5.5	5.5
3552	Textile machinery	4.9	4.9	4.8	4.8	4.8
3555	Printing trades machinery	7.3	7.4	7.3	7.3	7.3
356	General industrial machinery	61.1	61.1	62.2	61.6	61.0
3561	Pumps and pumping equipment	11.4	11.3	11.7	11.7	11.5
3562	Ball and roller bearings	13.9	13.3	13.5	13.3	13.3
357	Office and computing machines	156.8	158.2	168.5	170.6	171.4
3573	Electronic computing equipment	128.6	129.8	139.8	142.1	143.1
358	Refrigeration and service machinery	37.6	37.9	39.3	39.3	38.3
3585	Refrigeration and heating equipment	24.9	25.7	26.6	26.4	25.2
359	Misc. machinery, except electrical	48.4	48.5	52.9	52.6	51.9
3599	Machinery, except electrical, nec	38.8	38.7	41.7	41.9	41.6
36	ELECTRIC AND ELECTRONIC EQUIPMENT	888.0	896.2	925.2	923.5	909.4
361	Electric distributing equipment	43.8	44.5	46.9	46.8	46.1
3612	Transformers	17.5	17.6	19.7	19.7	19.2
3613	Switchgear and switchboard apparatus	26.3	26.9	27.2	27.1	26.9
362	Electrical industrial apparatus	85.8	87.1	91.1	89.5	86.7
3621	Motors and generators	45.9	47.0	49.7	48.7	47.0
3622	Industrial controls	28.1	28.2	28.5	28.1	27.2
363	Household appliances	60.0	61.0	63.7	62.8	57.9
3632	Household refrigerators and freezers	8.7	9.1	10.6	9.8	7.6
3633	Household laundry equipment	4.4	4.5	4.2	4.2	3.3
3634	Electric housewares and fans	30.2	29.6	31.0	30.5	29.7
364	Electric lighting and wiring equipment	93.9	94.6	95.5	95.7	94.9
3641	Electric lamps	22.0	22.1	20.7	21.3	21.2

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
ELECTRIC AND ELECTRONIC EQUIPMENT—Continued						
3643	Current-carrying wiring devices	41.6	41.9	43.9	43.5	43.4
365	Radio and TV receiving equipment	59.2	59.5	59.8	59.0	57.2
3651	Radio and TV receiving sets	44.2	44.8	46.3	45.8	44.9
366	Communication equipment	204.5	205.8	209.8	210.8	210.1
3661	Telephone and telegraph apparatus	76.2	75.9	73.5	73.1	71.3
3662	Radio and TV communication equipment	128.3	129.9	136.3	137.7	138.8
367	Electronic components and accessories	284.8	286.1	294.8	296.0	294.4
3671-3	Electronic tubes	16.0	16.0	16.3	16.3	15.9
3674	Semiconductors and related devices	108.6	109.1	107.8	108.2	108.0
3679	Electronic components, nec.	113.4	114.5	120.3	122.0	121.9
369	Misc. electrical equipment and supplies	56.0	57.6	63.6	62.9	62.1
3694	Engine electrical equipment	26.9	28.6	32.6	31.9	31.1
		295.0	299.7	310.1	308.1	303.6
37	TRANSPORTATION EQUIPMENT	106.3	109.9	107.1	107.2	104.5
371	Motor vehicles and equipment	41.3	42.8	36.4	37.8	37.4
3711	Motor vehicles and car bodies	3.8	4.2	3.9	3.8	3.7
3713	Truck and bus bodies	58.1	59.7	62.6	61.4	59.5
3714	Motor vehicle parts and accessories	120.4	121.2	127.6	126.8	125.8
372	Aircraft and parts	64.5	65.0	72.7	72.4	72.4
3721	Aircraft	28.9	28.9	27.7	27.4	26.8
3724	Aircraft engines and engine parts	27.0	27.3	27.2	27.0	26.6
3728	Aircraft equipment, nec.	21.8	21.9	25.7	24.8	24.5
373	Ship and boat building and repairing	15.9	15.9	18.6	17.8	17.9
3731	Ship building and repairing	6.4	6.2	5.3	5.0	4.9
374	Railroad equipment	24.9	25.4	27.8	27.9	28.1
376	Guided missiles, space vehicles, parts	20.7	21.1	23.2	23.3	23.4
3761	Guided missiles and space vehicles	8.9	8.9	8.0	8.0	7.7
379	Miscellaneous transportation equipment	301.3	302.8	307.4	306.5	306.3
38	INSTRUMENTS AND RELATED PRODUCTS	24.1	24.1	24.5	24.7	24.6
381	Engineering and scientific instruments	104.6	104.7	107.7	106.8	105.9
382	Measuring and controlling devices	23.9	24.0	23.8	23.0	22.0
3822	Environmental controls	17.9	18.0	20.0	19.8	19.7
3823	Process control instruments	47.0	47.0	48.3	48.5	48.6
3825	Instruments to measure electricity	11.3	11.3	11.8	11.8	11.7
383	Optical instruments and lenses	84.4	85.4	86.6	86.9	87.9
384	Medical instruments and supplies	41.2	41.7	42.0	42.4	42.5
3841	Surgical and medical instruments	34.9	35.4	36.5	36.5	37.2
3842	Surgical appliances and supplies	25.3	25.6	24.6	24.1	24.2
385	Ophthalmic goods	39.0	39.4	40.6	40.7	41.1
386	Photographic equipment and supplies	12.6	12.3	11.6	11.5	10.9
387	Watches, clocks, and watchcases	198.3	195.5	201.1	202.5	200.3
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	27.5	27.5	26.4	27.3	27.7
391	Jewelry, silverware, and plated ware	9.5	10.0	9.9	10.4	10.2
393	Musical instruments	62.6	59.4	64.3	63.7	61.9
394	Toys and sporting goods	35.7	32.3	36.9	36.5	34.2
3942, 4	Dolls, games, toys, and children's vehicles	26.9	27.1	27.4	27.2	27.7
3949	Sporting and athletic goods, nec.	20.0	20.4	21.5	21.6	21.4
395	Pens, pencils, office and art supplies	30.0	30.2	27.7	28.0	28.2
396	Costume jewelry and notions	48.7	48.0	51.3	51.5	50.9
399	Miscellaneous manufactures	539.3	515.8	550.9	530.7	511.6
20	FOOD AND KINDRED PRODUCTS	116.5	118.2	114.8	114.7	115.0
201	Meat products	29.5	29.7	29.6	29.4	29.0
2011	Meat packing plants	20.5	20.8	20.8	20.5	20.8
2013	Sausages and other prepared meats	58.8	60.0	58.6	58.5	58.8
2016	Poultry dressing plants	38.4	38.0	37.5	37.0	36.9
202	Dairy products	17.3	17.2	16.9	16.8	16.6
2026	Fluid milk	124.8	107.4	142.4	117.0	101.8
203	Preserved fruits and vegetables	9.5	9.4	10.8	9.8	9.3
2032	Canned specialties	54.1	40.0	68.9	45.0	33.3
2033	Canned fruits and vegetables	22.9	21.6	24.6	24.0	23.1
2037	Frozen fruits and vegetables	30.4	29.9	30.8	30.7	30.4
204	Grain mill products	59.2	58.9	58.9	59.0	58.8
205	Bakery products	38.6	39.2	39.3	39.2	39.1
2051	Bread, cake, and related products	20.6	19.7	19.6	19.8	19.7
2052	Cookies and crackers	49.1	45.6	46.4	52.5	51.6
206	Sugar and confectionery products	6.1	6.1	6.0	6.1	6.2
207	Fats and oils	42.4	42.0	43.2	43.6	43.5
208	Beverages	7.6	7.6	8.0	8.2	8.2
2082	Malt beverages	18.6	18.5	19.7	19.6	19.6
2086	Bottled and canned soft drinks	72.4	69.7	70.9	70.1	67.4
209	Misc. foods and kindred products	28.5	28.3	29.4	29.4	27.8
21	TOBACCO MANUFACTURES	14.2	14.5	14.6	14.6	14.6
211	Cigarettes					

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
22	TEXTILE MILL PRODUCTS	399.4	400.5	404.1	397.2	393.8
221	Weaving mills, cotton	64.4	64.5	61.6	60.8	61.0
222	Weaving mills, synthetics	48.7	48.6	49.7	47.6	48.3
223	Weaving and finishing mills, wool	7.0	7.1	7.1	7.1	7.3
224	Narrow fabric mills	13.7	13.6	15.0	14.7	14.3
225	Knitting mills	141.3	141.3	142.3	140.7	138.1
2251	Women's hosiery, except socks	22.9	22.9	22.7	22.7	22.8
2252	Hosiery, nec	24.0	24.0	25.0	24.9	24.4
2253	Knit outerwear mills	49.4	49.3	52.4	51.8	51.1
2254	Knit underwear mills	23.5	23.8	22.3	22.1	21.9
2257	Circular knit fabric mills	12.5	12.4	11.6	11.1	10.4
226	Textile finishing, except wool	21.6	21.4	22.2	22.2	21.9
2261	Finishing plants, cotton	9.2	9.0	9.6	10.0	9.8
2262	Finishing plants, synthetic	6.1	6.1	6.4	6.2	6.2
227	Floor covering mills	22.0	22.3	23.0	23.0	22.4
228	Yarn and thread mills	61.3	62.0	63.4	61.6	61.2
2281	Yarn mills, except wool	38.6	39.1	39.9	38.5	38.6
2282	Throwing and winding mills	12.0	12.1	12.1	11.9	11.8
229	Miscellaneous textile goods	19.4	19.7	19.8	19.5	19.3
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,022.4	1,014.3	1,037.1	1,026.7	1,016.1
231	Men's and boys' suits and coats	60.7	61.0	62.0	61.5	62.3
232	Men's and boys' furnishings	301.3	300.1	300.4	297.7	297.1
2321	Men's and boys' shirts and nightwear	85.7	84.5	86.2	86.1	84.8
2327	Men's and boys' separate trousers	63.6	63.8	61.4	61.6	62.9
2328	Men's and boys' work clothing	84.1	86.2	85.5	83.2	83.5
233	Women's and misses' outerwear	351.6	346.1	359.7	353.0	346.6
2331	Women's and misses' blouses and waists	54.5	54.9	55.5	55.5	55.1
2335	Women's and misses' dresses	122.0	121.4	123.8	120.2	117.2
2337	Women's and misses' suits and coats	55.2	51.5	56.8	52.7	49.8
2339	Women's and misses' outerwear, nec	119.9	118.3	123.6	124.6	124.5
234	Women's and children's undergarments	77.2	76.3	79.3	79.3	78.3
2341	Women's and children's underwear	63.2	62.0	64.5	64.6	63.9
2342	Brassieres and allied garments	14.0	14.3	14.8	14.7	14.4
236	Children's outerwear	56.1	55.1	56.0	55.9	56.3
2361	Children's dresses and blouses	24.7	24.3	25.0	25.3	25.6
238	Misc. apparel and accessories	43.4	42.7	43.3	43.1	41.8
239	Misc. fabricated textile products	116.4	117.3	121.0	121.7	119.1
2391	Curtains and draperies	21.8	21.9	23.6	24.0	23.7
2392	House furnishings, nec	32.2	32.6	33.7	34.1	34.1
2396	Automotive and apparel trimmings	18.3	18.0	18.1	18.5	16.9
26	PAPER AND ALLIED PRODUCTS	159.3	159.4	165.0	161.8	159.7
261, 26	Paper and pulp mills	27.7	28.0	28.6	28.2	28.1
262	Paper mills, except building paper	24.8	25.0	25.8	25.5	25.3
263	Paperboard mills	6.0	5.9	6.0	6.0	5.8
264	Misc. converted paper products	76.6	76.1	79.9	78.1	76.8
265	Paperboard containers and boxes	49.0	49.4	50.5	49.5	49.0
27	PRINTING AND PUBLISHING	499.1	504.7	516.6	521.5	523.7
271	Newspapers	159.7	160.9	165.9	167.8	168.9
272	Periodicals	53.9	54.2	55.5	55.8	56.6
273	Books	51.8	53.1	53.1	53.3	54.2
274	Miscellaneous publishing	25.7	27.2	26.5	26.9	27.3
275	Commercial printing	133.3	135.0	139.0	140.7	140.7
2751	Commercial printing, letterpress	56.5	56.9	58.4	59.4	59.7
2752	Commercial printing, lithographic	71.4	72.6	74.1	74.8	74.5
276	Manifold business forms	15.8	15.8	15.8	15.8	16.0
278	Blankbooks and bookbinding	31.9	31.5	33.4	33.5	32.7
279	Printing trade services	11.0	11.0	11.7	12.0	12.0
28	CHEMICALS AND ALLIED PRODUCTS	277.7	278.4	284.3	283.6	283.5
281	Industrial inorganic chemicals	24.0	24.1	24.5	24.4	24.7
2819	Industrial inorganic chemicals, nec	16.3	16.4	16.5	16.4	16.5
282	Plastics materials and synthetics	43.1	43.8	43.8	43.6	43.0
2821	Plastics materials and resins	11.3	11.5	11.8	11.7	11.6
2824	Organic fibers, noncellulosic	25.2	25.5	25.4	25.3	25.1
283	Drugs	83.0	83.4	86.7	86.8	86.6
2834	Pharmaceutical preparations	69.7	70.1	72.6	72.7	72.5
284	Soap, cleaners, and toilet goods	58.0	57.2	57.3	56.7	56.9
2841	Soap and other detergents	9.6	9.4	9.2	9.0	9.3
2844	Toilet preparations	34.6	34.1	34.5	34.2	34.1
285	Paints and allied products	12.4	12.4	12.5	12.6	12.3
286	Industrial organic chemicals	25.8	25.8	27.1	27.2	27.5
2861,9	Gum, wood, and industrial organic chemicals, nec	21.4	21.4	22.7	22.8	23.2
287	Agricultural chemicals	10.5	10.6	10.8	10.8	10.8
289	Miscellaneous chemical products	20.9	21.1	21.6	21.5	21.7

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
29	PETROLEUM AND COAL PRODUCTS	28.0	28.2	31.0	31.0	31.1
291	Petroleum refining	22.9	23.1	25.8	25.7	25.9
30	RUBBER AND MISC. PLASTICS PRODUCTS	248.9	251.0	265.1	260.1	255.1
301	Tires and inner tubes	11.1	11.4	11.5	11.5	11.4
302	Rubber and plastics footwear	13.4	13.5	12.5	11.3	12.4
303.4	Reclaimed rubber, and rubber and plastics hose and belting	5.7	5.8	7.0	6.7	6.4
306	Fabricated rubber products, nec	35.9	36.0	37.8	37.3	36.3
307	Miscellaneous plastics products	182.8	184.3	196.3	193.3	188.6
31	LEATHER AND LEATHER PRODUCTS	138.6	138.8	142.1	141.4	139.7
311	Leather tanning and finishing	2.8	2.7	3.0	3.0	2.9
314	Footwear, except rubber	93.7	93.9	95.8	94.9	93.7
3143	Men's footwear, except athletic	35.2	35.7	36.9	36.7	36.7
3144	Women's footwear, except athletic	35.4	35.2	35.2	35.0	34.4
316	Luggage	8.5	8.1	8.2	8.0	8.1
317	Handbags and personal leather goods	20.5	20.5	21.0	21.2	20.5
-	TRANSPORTATION AND PUBLIC UTILITIES	1,319	1,316	1,360	1,363	1,361
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	72.2	72.0	78.8	81.1	81.2
411	Local and suburban transportation	14.7	14.7	16.4	16.7	16.2
412	Taxis	7.1	7.1	7.2	7.1	7.2
413	Intercity highway transportation	5.2	5.2	5.2	4.9	4.9
415	School buses	42.5	42.4	47.2	49.5	50.0
42	TRUCKING AND WAREHOUSING	152.9	152.7	153.1	154.7	156.1
421.3	Trucking and trucking terminals	134.4	135.4	135.9	135.9	137.8
422	Public warehousing	18.5	17.3	17.2	18.8	18.3
44	WATER TRANSPORTATION	20.9	20.6	23.9	23.3	23.3
45	TRANSPORTATION BY AIR	147.4	146.6	151.8	150.1	147.8
451.2	Air transportation	139.0	138.2	142.7	140.9	138.8
46	PIPE LINES, EXCEPT NATURAL GAS	2.8	2.9	3.3	3.3	3.4
47	TRANSPORTATION SERVICES	91.2	90.9	107.8	108.7	107.3
48	COMMUNICATION	639.7	640.2	646.1	647.3	648.4
481	Telephone communication	552.5	553.1	553.5	553.6	553.9
483	Radio and television broadcasting	65.1	65.1	66.5	67.4	68.4
49	ELECTRIC, GAS, AND SANITARY SERVICES	156.3	156.7	168.6	168.9	169.1
491	Electric services	73.8	74.2	78.9	79.1	79.2
492	Gas production and distribution	36.9	36.8	39.6	39.5	39.5
493	Combination utility services	35.0	34.9	38.7	38.8	39.0
495	Sanitary services	5.7	5.9	6.4	6.5	6.5
-	WHOLESALE AND RETAIL TRADE	8,986	9,175	9,276	9,315	9,433
50,51	WHOLESALE TRADE	1,389	1,385	1,406	1,418	1,424
50	WHOLESALE TRADE-DURABLE GOODS	757	760	778	783	788
501	Motor vehicles and automotive equipment	88.9	88.7	90.6	91.1	90.9
502	Furniture and home furnishings	43.8	44.7	47.0	47.6	48.5
503	Lumber and construction materials	34.9	35.0	37.0	37.0	37.5
504	Sporting goods, toys, and hobby goods	24.1	24.3	25.7	25.8	26.0
505	Metals and minerals, except petroleum	29.0	29.2	30.1	30.0	30.0
506	Electrical goods	120.9	122.4	123.0	125.2	126.7
507	Hardware, plumbing, and heating equipment	65.3	65.4	66.3	66.6	66.4
508	Machinery, equipment, and supplies	302.4	302.2	310.7	312.7	315.3
509	Miscellaneous durable goods	48.0	48.0	47.5	47.2	47.0
51	WHOLESALE TRADE-NONDURABLE GOODS	632	625	628	635	636
511	Paper and paper products	47.2	47.6	48.8	49.2	49.9
512	Drugs, proprietaries, and sundries	65.1	65.3	65.7	66.4	66.6
513	Apparel, piece goods, and notions	83.7	84.4	83.8	83.7	83.8
514	Groceries and related products	169.5	161.6	163.7	163.2	163.3
516	Chemicals and allied products	34.1	34.1	35.2	35.2	36.0
517	Petroleum and petroleum products	52.1	52.6	53.0	52.9	53.3
518	Beer, wine, and distilled beverages	21.4	21.6	22.1	21.9	22.2
519	Miscellaneous nondurable goods	115.3	114.8	117.7	119.1	118.1

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
52-59	RETAIL TRADE	7,597	7,790	7,870	7,897	8,009
52	BUILDING MATERIALS AND GARDEN SUPPLIES	160.6	162.4	162.6	163.8	162.7
521	Lumber and other building materials	65.2	66.2	66.2	66.3	66.0
525	Hardware stores	54.7	55.6	56.1	56.2	56.5
53	GENERAL MERCHANDISE STORES	1,517.4	1,610.7	1,557.2	1,557.4	1,607.1
531	Department stores	1,241.2	1,323.7	1,279.7	1,278.3	1,319.5
533	Variety stores	196.3	203.3	193.6	193.6	197.6
539	Misc. general merchandise stores	79.9	83.7	83.9	85.5	90.0
54	FOOD STORES	1,034.5	1,049.8	1,066.8	1,074.2	1,087.1
541	Grocery stores	869.5	879.6	895.6	898.8	908.1
542	Meat markets and freezer provisioners	17.8	18.1	16.8	16.7	16.9
546	Retail bakeries	79.2	80.8	80.7	81.6	82.1
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	303.2	304.6	313.9	314.9	313.9
551,2	New and used car dealers	111.9	112.5	114.0	114.0	113.2
553	Auto and home supply stores	48.3	49.7	49.5	50.3	50.2
554	Gasoline service stations	128.2	127.5	135.4	135.9	136.3
56	APPAREL AND ACCESSORY STORES	673.2	702.3	678.6	686.5	713.0
561	Men's and boys' clothing and furnishings	57.9	61.3	58.8	59.7	61.9
562	Women's ready-to-wear stores	317.2	328.0	312.9	318.3	329.6
565	Family clothing stores	137.0	148.0	142.9	142.8	151.5
566	Shoe stores	83.2	83.3	85.3	84.6	86.1
57	FURNITURE AND HOME FURNISHING STORES	205.6	210.2	207.6	212.2	215.2
571	Furniture and home furnishings stores	135.8	139.3	139.3	141.2	141.7
572	Household appliance stores	22.9	23.6	22.6	23.8	25.1
573	Radio, television, and music stores	46.9	47.3	45.7	47.2	48.4
58	EATING AND DRINKING PLACES	2,666.1	2,680.2	2,804.6	2,784.0	2,771.3
59	MISCELLANEOUS RETAIL	1,036.5	1,070.0	1,078.9	1,104.1	1,138.3
591	Drug stores and proprietary stores	306.5	304.1	308.3	312.1	316.6
592	Liquor stores	31.2	31.2	35.6	36.0	37.1
594	Miscellaneous shopping goods stores	363.2	387.4	391.3	397.0	413.1
596	Nonstore retailers	166.0	174.6	170.2	181.8	192.4
598	Fuel and ice dealers	23.5	23.6	23.1	23.9	24.0
599	Retail stores, nec	125.8	128.8	130.4	133.3	135.3
-	FINANCE, INSURANCE, AND REAL ESTATE	3,070	3,086	3,185	3,189	3,197
60	BANKING	1,118.2	1,126.9	1,158.0	1,160.4	1,164.6
602	Commercial and stock savings banks	1,029.2	1,037.2	1,065.2	1,067.1	1,071.0
61	CREDIT AGENCIES OTHER THAN BANKS	379.9	383.1	396.3	398.0	398.9
612	Savings and loan associations	187.1	189.8	198.0	200.0	202.0
614	Personal credit institutions	121.3	121.4	127.0	126.6	126.0
62	SECURITY, COMMODITY BROKERS, AND SERVICES	95.2	96.4	107.0	107.8	109.0
621	Security brokers and dealers	76.4	77.5	88.0	88.7	89.7
63	INSURANCE CARRIERS	748.2	749.2	755.7	756.0	756.4
631	Life insurance	293.6	293.7	300.6	301.4	302.5
632	Medical service and health insurance	104.3	104.7	104.1	104.1	103.8
633	Fire, marine, and casualty insurance	301.2	301.2	301.9	301.9	302.3
64	INSURANCE AGENTS, BROKERS, AND SERVICE	284.9	285.8	295.8	298.3	299.5
65	REAL ESTATE	368.0	368.4	391.1	387.1	386.6
651	Real estate operators and lessors	142.9	142.5	153.5	152.4	152.4
653	Real estate agents and managers	174.7	175.6	183.8	181.3	181.3
655	Subdividers and developers	35.7	35.5	38.8	38.8	38.7
66	COMBINED REAL ESTATE, INSURANCE, ETC	13.3	13.3	12.6	12.5	12.6
67	HOLDING AND OTHER INVESTMENT OFFICES	62.5	62.9	68.8	69.0	68.9
-	SERVICES	10,647	10,679	11,068	11,134	11,136
70	HOTELS AND OTHER LODGING PLACES	592.9	564.8	638.3	599.6	574.8
701	Hotels, motels, and tourist courts	575.7	548.7	615.7	581.7	557.4

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls by industry—Continued

[In thousands]

1972 SIC Code	Industry	Oct. 1980	Nov. 1980	Sept. 1981	Oct. 1981	Nov. 1981
72	PERSONAL SERVICES	610.5	615.9	614.4	622.5	624.2
721	Laundry, cleaning, and garment services	225.7	226.8	223.9	226.5	227.4
723	Beauty shops	253.5	255.7	258.5	258.2	258.5
726	Funeral service and crematories	19.0	19.0	19.9	20.0	20.2
73	BUSINESS SERVICES	1,376.7	1,394.9	1,462.6	1,485.0	1,482.1
731	Advertising	72.3	72.3	74.1	74.7	75.4
732	Credit reporting and collection	53.1	53.2	50.9	50.7	50.3
733	Mailing, reproduction, stenographic	62.5	62.4	64.6	67.0	67.0
734	Services to buildings	187.0	186.2	204.3	204.3	206.6
736	Personnel supply services	353.8	363.1	381.2	384.6	371.2
737	Computer and data processing services	145.8	147.9	166.5	168.8	171.4
75	AUTO REPAIR, SERVICES, AND GARAGES	96.1	96.6	95.9	96.9	96.3
753	Automotive repair shops	42.1	42.3	44.0	45.0	44.6
76	MISCELLANEOUS REPAIR SERVICES	59.8	59.6	58.5	59.6	59.3
78	MOTION PICTURES	75.6	77.1	92.2	85.7	83.5
781	Motion picture production and services	20.5	22.9	22.8	24.0	25.1
783	Motion picture theaters	49.3	48.3	63.3	55.6	52.3
79	AMUSEMENT AND RECREATION SERVICES	278.2	264.0	348.5	297.0	289.2
80	HEALTH SERVICES	4,355.3	4,378.6	4,550.7	4,576.6	4,591.7
801	Offices of physicians	590.4	592.2	617.1	619.4	619.8
802	Offices of dentists	291.2	295.9	304.6	310.0	313.4
805	Nursing and personal care facilities	907.4	910.7	941.1	942.1	944.6
806	Hospitals	2,255.0	2,263.5	2,356.2	2,372.4	2,379.3
81	LEGAL SERVICES	361.0	365.5	382.0	385.8	388.5
82	EDUCATIONAL SERVICES	644.8	649.0	574.2	649.0	657.5
821	Elementary and secondary schools	199.2	200.8	175.2	184.5	185.3
822	Colleges and universities	378.8	379.8	331.9	394.1	401.2
83	SOCIAL SERVICES	861.5	872.6	879.1	889.6	893.8
89	MISCELLANEOUS SERVICES	324.1	325.1	347.0	348.9	350.4
891	Engineering and architectural services	116.4	117.2	124.3	124.6	125.1
893	Accounting, auditing, and bookkeeping	149.5	149.3	162.5	164.3	165.1
-	GOVERNMENT	7,896	8,006	7,399	7,717	7,815
-	FEDERAL GOVERNMENT	875	876	866	865	862
-	STATE AND LOCAL GOVERNMENT	7,021	7,130	6,533	6,852	6,953
-	State government	1,663.2	1,681.0	1,586.0	1,661.1	1,672.1
-	Hospitals	336.3	336.3	334.8	336.2	336.3
-	State education	697.9	713.7	605.8	682.2	695.7
-	General administration including executive, legislative, and judicial functions	419.8	421.0	431.3	433.2	431.6
-	Local government	5,358.1	5,448.8	4,946.5	5,190.4	5,280.7
-	Transportation and public utilities	99.4	98.9	104.8	102.9	104.9
-	Hospitals	495.4	498.4	513.8	516.1	517.4
-	Local education	3,548.7	3,617.3	3,149.0	3,420.6	3,497.9
-	General administration including executive, legislative, and judicial functions	982.1	1,000.1	977.7	958.8	968.3

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

B-4. Employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(In thousands)

Industry division and group	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
TOTAL	91,091	91,258	91,347	91,458	91,564	91,615	91,880	91,901	92,033	91,832	91,522	91,096	90,859
GOODS-PRODUCING	25,647	25,657	25,705	25,700	25,705	25,818	25,939	25,931	25,930	25,662	25,418	25,117	24,761
MINING	1,083	1,091	1,098	950	957	1,110	1,132	1,151	1,162	1,162	1,172	1,176	1,172
CONSTRUCTION	4,390	4,389	4,416	4,418	4,334	4,284	4,272	4,275	4,272	4,259	4,229	4,191	4,052
MANUFACTURING	20,174	20,177	20,191	20,332	20,414	20,424	20,535	20,505	20,496	20,241	20,017	19,750	19,537
DURABLE GOODS	12,084	12,074	12,099	12,207	12,254	12,278	12,333	12,332	12,311	12,115	11,932	11,727	11,588
Lumber and wood products	689	691	692	702	710	699	702	686	677	652	634	618	606
Furniture and fixtures	464	466	467	478	484	486	488	487	485	480	470	465	456
Stone, clay, and glass products	654	654	651	656	658	658	658	660	655	644	634	621	608
Primary metal industries	1,137	1,140	1,141	1,145	1,142	1,144	1,140	1,148	1,139	1,114	1,090	1,061	1,048
Fabricated metal products	1,579	1,577	1,581	1,595	1,604	1,604	1,614	1,610	1,606	1,575	1,546	1,514	1,494
Machinery, except electrical	2,487	2,481	2,480	2,491	2,511	2,521	2,533	2,542	2,551	2,549	2,522	2,490	2,464
Electric and electronic equipment	2,110	2,110	2,117	2,134	2,143	2,148	2,163	2,166	2,163	2,150	2,119	2,088	2,077
Transportation equipment	1,840	1,833	1,849	1,878	1,872	1,886	1,886	1,889	1,889	1,811	1,783	1,736	1,719
Instruments and related products	713	711	712	714	716	717	723	727	727	723	719	716	712
Miscellaneous manufacturing ind.	411	411	409	414	414	415	426	417	419	417	415	418	404
NONDURABLE GOODS	8,090	8,103	8,092	8,125	8,160	8,146	8,202	8,173	8,185	8,126	8,085	8,023	7,949
Food and kindred products	1,696	1,705	1,691	1,697	1,703	1,673	1,691	1,668	1,669	1,675	1,676	1,669	1,665
Tobacco manufactures	71	72	72	72	71	71	71	73	71	70	70	69	71
Textile mill products	841	839	838	842	843	846	856	849	849	833	823	814	795
Apparel and other textile products	1,244	1,243	1,243	1,250	1,258	1,264	1,278	1,272	1,273	1,259	1,251	1,233	1,206
Paper and allied products	691	691	689	691	694	695	696	698	703	691	686	682	678
Printing and publishing	1,269	1,272	1,276	1,280	1,283	1,284	1,290	1,295	1,301	1,302	1,302	1,300	1,302
Chemicals and allied products	1,106	1,109	1,108	1,107	1,109	1,111	1,110	1,106	1,112	1,108	1,104	1,102	1,097
Petroleum and coal products	211	210	210	211	213	212	212	212	211	210	210	209	203
Rubber and misc. plastic products	730	731	734	744	753	757	760	764	760	744	733	722	716
Leather and leather products	231	231	231	231	233	233	238	236	236	234	230	223	216
SERVICE-PRODUCING	65,444	65,601	65,642	65,758	65,859	65,797	65,941	65,970	66,103	66,170	66,104	65,979	66,098
TRANSPORTATION AND PUBLIC UTILITIES	5,124	5,135	5,139	5,161	5,148	5,149	5,167	5,170	5,186	5,168	5,147	5,109	5,108
WHOLESALE AND RETAIL TRADE	20,529	20,600	20,635	20,636	20,714	20,717	20,796	20,862	20,872	20,916	20,838	20,725	20,893
WHOLESALE TRADE	5,305	5,313	5,316	5,333	5,346	5,349	5,360	5,375	5,370	5,360	5,363	5,337	5,331
RETAIL TRADE	15,224	15,287	15,319	15,303	15,368	15,368	15,436	15,487	15,502	15,556	15,475	15,388	15,562
FINANCE, INSURANCE, AND REAL ESTATE	5,268	5,283	5,293	5,316	5,326	5,331	5,344	5,354	5,366	5,360	5,355	5,367	5,359
SERVICES	18,300	18,343	18,371	18,475	18,540	18,560	18,642	18,667	18,774	18,788	18,838	18,848	18,842
GOVERNMENT	16,223	16,240	16,204	16,170	16,131	16,040	15,992	15,917	15,905	15,938	15,926	15,930	15,896
FEDERAL	2,799	2,795	2,781	2,767	2,779	2,781	2,777	2,770	2,765	2,759	2,748	2,738	2,733
STATE AND LOCAL	13,424	13,445	13,423	13,403	13,352	13,259	13,215	13,147	13,140	13,179	13,178	13,192	13,163

p=preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-5. Women employees on nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1980		1981										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
TOTAL	38,570	38,657	38,780	38,877	38,931	38,987	39,088	39,264	39,469	39,482	39,467	39,459	39,331
GOODS-PRODUCING	6,778	6,795	6,806	6,814	6,823	6,878	6,915	6,936	7,016	6,999	6,986	6,939	6,868
MINING	111	113	115	117	119	114	116	124	127	129	132	134	135
CONSTRUCTION	388	390	391	392	394	397	397	398	402	401	401	400	399
MANUFACTURING	6,279	6,292	6,300	6,305	6,310	6,367	6,402	6,414	6,487	6,469	6,453	6,405	6,334
DURABLE GOODS	2,990	3,000	3,008	3,013	3,020	3,054	3,073	3,087	3,116	3,118	3,104	3,073	3,023
Lumber and wood products	102	103	104	104	104	106	108	107	108	105	103	100	97
Furnitures and fixtures	138	139	139	141	141	145	146	148	149	148	146	146	142
Stone, clay, and glass products	126	125	126	127	126	127	128	129	131	131	130	129	126
Primary metal industries	124	124	124	124	124	127	128	127	125	128	126	122	118
Fabricated metal products	330	331	330	331	333	337	341	342	345	345	343	334	325
Machinery, except electrical	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Electric and electronic equipment	888	892	897	898	902	912	915	916	926	925	925	918	901
Transportation equipment	296	291	292	294	295	302	303	308	311	314	309	304	299
Instruments and related products	302	304	303	302	302	303	305	304	308	310	309	307	306
Miscellaneous manufacturing ind.	188	191	192	191	191	192	194	193	200	195	194	193	193
NONDURABLE GOODS	3,289	3,292	3,292	3,292	3,290	3,313	3,329	3,327	3,371	3,351	3,349	3,332	3,311
Food and kindred products	506	505	505	505	500	506	507	495	504	496	490	500	502
Tobacco manufactures	26	25	26	26	26	26	26	26	26	27	26	26	25
Textile mill products	398	398	397	396	395	398	399	400	405	402	403	396	391
Apparel and other textile products	1,008	1,006	1,004	1,001	1,001	1,006	1,012	1,019	1,033	1,025	1,028	1,016	1,010
Paper and allied products	159	159	159	160	160	161	162	160	163	164	165	161	159
Printing and publishing	502	504	504	505	507	510	511	512	515	517	519	522	521
Chemicals and allied products	278	280	281	282	283	282	282	283	283	282	283	283	283
Petroleum and coal products	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Rubber and misc. plastics products	247	249	250	250	252	257	261	263	268	267	264	257	251
Leather and leather products	137	137	137	138	137	137	139	139	144	141	141	140	138
SERVICE-PRODUCING	31,792	31,862	31,974	32,063	32,108	32,109	32,173	32,328	32,453	32,483	32,481	32,520	32,463
TRANSPORTATION AND PUBLIC UTILITIES	1,307	1,311	1,310	1,314	1,318	1,327	1,329	1,335	1,340	1,345	1,356	1,355	1,350
WHOLESALE AND RETAIL TRADE	8,941	8,946	8,998	9,031	9,051	8,990	9,024	9,166	9,207	9,237	9,251	9,261	9,192
WHOLESALE TRADE	1,370	1,378	1,375	1,378	1,377	1,388	1,389	1,388	1,393	1,403	1,405	1,403	1,409
RETAIL TRADE	7,571	7,568	7,623	7,653	7,674	7,602	7,635	7,778	7,814	7,834	7,846	7,858	7,783
FINANCE, INSURANCE, AND REAL ESTATE	3,089	3,103	3,120	3,130	3,138	3,153	3,169	3,172	3,184	3,185	3,198	3,199	3,200
SERVICES	10,671	10,720	10,765	10,803	10,830	10,882	10,906	10,924	10,979	10,994	11,057	11,101	11,125
GOVERNMENT	7,784	7,782	7,781	7,785	7,771	7,757	7,745	7,731	7,743	7,722	7,619	7,604	7,596
FEDERAL	886	887	887	885	878	877	877	876	878	877	877	873	872
STATE AND LOCAL	6,898	6,895	6,894	6,900	6,893	6,880	6,868	6,855	6,865	6,845	6,742	6,731	6,724

¹ This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

B-6. Production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
TOTAL PRIVATE	60,807	60,870	60,961	61,114	61,179	61,292	61,585	61,622	61,770	61,527	61,210	60,742	60,566
GOODS-PRODUCING	18,305	18,298	18,346	18,338	18,317	18,387	18,476	18,459	18,454	18,185	17,934	17,629	17,310
MINING	800	806	813	689	694	819	834	850	857	854	862	865	855
CONSTRUCTION	3,452	3,439	3,459	3,462	3,376	3,323	3,315	3,315	3,316	3,301	3,275	3,232	3,089
MANUFACTURING	14,053	14,053	14,074	14,187	14,247	14,245	14,327	14,294	14,281	14,030	13,797	13,532	13,366
DURABLE GOODS	8,306	8,297	8,325	8,412	8,442	8,455	8,491	8,485	8,465	8,267	8,083	7,880	7,772
Lumber and wood products	575	576	577	586	593	585	585	571	563	540	521	505	488
Furniture and fixtures	374	376	376	386	392	393	396	395	391	385	376	372	364
Stone, clay, and glass products	504	503	501	506	507	506	508	510	505	495	485	472	460
Primary metal industries	876	879	879	884	880	882	879	883	877	851	828	801	797
Fabricated metal products	1,166	1,164	1,169	1,178	1,184	1,187	1,197	1,193	1,187	1,157	1,132	1,100	1,081
Machinery, except electrical	1,577	1,573	1,575	1,580	1,594	1,602	1,605	1,618	1,624	1,615	1,587	1,557	1,538
Electric and electronic equipment	1,324	1,326	1,334	1,345	1,353	1,354	1,365	1,364	1,362	1,347	1,308	1,278	1,273
Transportation equipment	1,183	1,176	1,190	1,218	1,210	1,218	1,213	1,217	1,221	1,147	1,121	1,070	1,061
Instruments and related products	422	419	420	422	423	422	427	426	426	423	418	418	416
Miscellaneous manufacturing ind.	305	305	304	307	306	306	316	308	309	307	307	307	294
NONDURABLE GOODS	5,747	5,756	5,749	5,775	5,805	5,790	5,836	5,809	5,816	5,763	5,714	5,652	5,594
Food and kindred products	1,162	1,168	1,158	1,164	1,170	1,144	1,160	1,140	1,140	1,149	1,149	1,142	1,139
Tobacco manufactures	55	55	56	56	55	56	55	57	56	55	55	54	56
Textile mill products	729	727	727	729	731	733	742	736	737	722	710	700	684
Apparel and other textile products	1,062	1,061	1,061	1,065	1,071	1,077	1,092	1,082	1,084	1,071	1,062	1,046	1,022
Paper and allied products	521	520	519	521	523	524	525	526	531	520	516	511	509
Printing and publishing	705	707	708	709	710	709	711	714	718	718	716	716	720
Chemicals and allied products	623	625	626	627	629	632	630	630	631	626	620	614	611
Petroleum and coal products	134	134	134	134	135	133	133	132	131	130	129	128	124
Rubber and misc. plastics products	562	564	566	575	584	585	586	592	588	573	561	552	547
Leather and leather products	194	195	194	195	197	197	202	200	200	199	196	189	182
SERVICE-PRODUCING	42,502	42,572	42,615	42,776	42,862	42,905	43,109	43,163	43,316	43,342	43,276	43,113	43,256
TRANSPORTATION AND PUBLIC UTILITIES	4,264	4,270	4,268	4,291	4,272	4,269	4,284	4,284	4,305	4,277	4,263	4,225	4,221
WHOLESALE AND RETAIL TRADE	17,982	18,013	18,031	18,027	18,084	18,093	18,200	18,230	18,271	18,311	18,218	18,110	18,245
WHOLESALE TRADE	4,324	4,329	4,330	4,342	4,352	4,350	4,367	4,370	4,367	4,359	4,359	4,341	4,326
RETAIL TRADE	13,658	13,684	13,701	13,685	13,732	13,743	13,833	13,860	13,904	13,952	13,859	13,769	13,919
FINANCE, INSURANCE, AND REAL ESTATE	3,986	3,992	3,996	4,017	4,024	4,030	4,037	4,047	4,055	4,049	4,039	4,040	4,042
SERVICES	16,270	16,297	16,320	16,441	16,482	16,513	16,588	16,602	16,685	16,705	16,756	16,738	16,748

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

p=preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-7. Indexes of diffusion: Percent of industries in which employment¹ increased

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1979				
January.....	65.1	72.1	72.1	74.7
February.....	66.0	68.6	71.8	70.6
March.....	64.2	65.7	70.1	69.5
April.....	54.1	65.7	64.8	67.2
May.....	60.5	62.8	59.6	59.6
June.....	62.5	63.7	54.4	58.1
July.....	57.0	55.5	56.7	55.8
August.....	53.2	50.0	51.5	55.2
September.....	49.1	53.5	52.0	50.0
October.....	61.6	52.0	50.6	46.2
November.....	49.4	53.5	51.2	38.1
December.....	49.7	49.4	47.7	35.8
1980				
January.....	52.6	50.6	40.4	32.0
February.....	53.2	46.8	33.4	32.6
March.....	49.4	38.7	30.8	31.7
April.....	34.6	30.8	24.7	32.3
May.....	32.8	27.0	26.2	31.4
June.....	31.4	25.9	28.2	31.4
July.....	36.9	35.5	35.2	31.4
August.....	64.8	54.9	45.1	32.6
September.....	64.0	71.2	61.0	34.9
October.....	61.3	69.8	73.5	43.6
November.....	63.4	64.8	72.7	55.8
December.....	56.7	64.0	65.4	70.3
1981				
January.....	59.6	61.0	68.6	78.8
February.....	55.8	61.3	68.6	75.6
March.....	52.3	64.2	67.2	73.3
April.....	69.8	68.9	70.3	64.2
May.....	62.5	66.9	67.7	54.1
June.....	51.5	68.6	71.8	45.6p
July.....	67.2	60.2	52.9	36.9p
August.....	49.7	66.6	38.7	
September.....	59.3	39.2	35.2p	
October.....	30.2	33.1	26.7p	
November.....	27.9	24.7p		
December.....	29.7p	22.4p		
1982				
January.....	31.7p			
February.....				
March.....				
April.....				
May.....				
June.....				
July.....				
August.....				
September.....				
October.....				
November.....				
December.....				

¹ Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.
p = preliminary.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1 ALABAMA	1,366.9	1,349.2	1,348.2	16.9	17.5	17.3	71.2	69.6	69.7	358.0	349.7	347.7
2 Birmingham	353.4	350.1	351.2	9.6	9.6	9.6	19.1	19.1	18.4	61.5	59.2	58.9
3 Huntsville	120.4	122.3	122.6	(1)	(1)	(1)	3.9	4.0	3.8	35.8	36.9	36.9
4 Mobile	154.4	150.0	149.4	(1)	(1)	(1)	11.8	7.9	7.9	29.2	30.6	30.2
5 Montgomery	107.3	105.8	106.0	(1)	(1)	(1)	6.5	6.2	6.1	15.6	15.4	15.3
6 Tuscaloosa	50.9	49.8	50.4	2.3	2.5	2.5	2.2	2.1	2.0	8.2	7.9	7.8
7 ALASKA	163.9	179.0	176.1	6.7	7.6	7.5	8.7	13.4	11.9	9.3	8.9	7.9
8 ARIZONA	1,026.6	1,028.7	1,033.5	24.5	24.7	24.5	73.4	64.1	63.5	156.3	157.4	156.9
9 Phoenix	644.2	649.1	652.4	.4	.4	.4	49.9	44.9	44.5	114.4	115.0	114.2
10 Tucson	150.5	169.6	191.1	7.6	7.5	7.4	14.2	11.2	11.2	22.1	23.8	24.4
11 ARKANSAS	746.7	746.9	742.9	5.2	5.3	5.3	35.4	32.6	32.1	205.5	205.4	207.6
12 Fayetteville—Springdale	65.6	66.8	65.9	(1)	(1)	(1)	2.7	2.6	2.6	19.3	20.0	19.4
13 Fort Smith	67.2	66.2	65.5	1.0	1.2	1.2	2.6	2.3	2.2	21.3	20.2	19.8
14 Little Rock—North Little Rock	180.5	179.3	179.6	(1)	(1)	(1)	8.7	8.9	8.8	30.0	28.5	28.4
15 Pine Bluff	52.9	32.3	32.2	(1)	(1)	(1)	2.7	2.0	1.9	6.3	6.3	6.3
16 CALIFORNIA	5,567.3	10,016.1	10,032.4	44.2	46.3	46.1	419.8	379.0	364.1	1,588.2	1,965.5	1,943.6
17 Anaheim—Santa Ana—Garden Grove	859.5	869.5	873.8	2.3	2.6	2.6	50.4	49.3	48.4	221.2	222.7	222.1
18 Bakersfield	132.8	135.7	136.4	11.4	12.1	12.2	7.6	7.6	7.5	9.3	9.9	5.7
19 Fresno	166.1	165.1	184.5	1.0	1.1	1.1	10.8	10.4	10.2	22.1	22.5	21.3
20 Los Angeles—Long Beach	3,665.2	3,687.0	3,657.3	13.5	14.3	14.3	116.8	110.0	107.4	922.1	907.6	897.7
21 Modesto	67.7	88.5	88.0	.1	.1	.1	5.1	4.4	4.4	17.9	18.6	18.3
22 Oxnard—Simi Valley—Ventura	157.2	158.5	160.3	2.7	2.9	2.9	8.8	8.3	8.3	24.0	25.5	24.9
23 Riverside—San Bernardino—Ontario	443.0	444.6	446.8	2.2	2.3	2.3	26.1	25.6	25.4	63.1	63.3	62.8
24 Sacramento	406.2	407.8	408.4	.5	.5	.5	18.2	17.0	16.7	26.7	26.6	26.5
25 Salinas—Seaside—Monterey	67.6	90.4	89.1	.4	.4	.4	3.3	3.2	3.2	8.0	8.8	7.8
26 San Diego	663.7	661.2	663.4	.4	.6	.6	38.8	36.2	35.4	108.9	106.0	106.3
27 San Francisco—Oakland	1,583.7	1,594.5	1,601.6	3.4	3.9	3.8	73.6	71.9	70.8	204.6	203.3	203.1
28 San Jose	651.1	695.1	656.4	.2	.2	.2	25.2	23.1	22.7	242.6	241.3	240.4
29 Santa Barbara—Santa Maria—Lompoc	124.3	124.7	124.6	1.5	1.6	1.6	5.1	4.9	4.8	16.2	16.1	15.6
30 Santa Rosa	53.9	94.7	55.1	.4	.4	.4	5.7	5.2	5.1	15.1	15.6	15.9
31 Stockton	116.5	118.2	117.3	.1	.1	.1	5.5	4.9	4.7	15.0	19.1	18.6
32 Vallejo—Fairfield—Napa	101.8	104.4	103.5	.5	.6	.6	5.2	4.8	4.6	10.8	10.8	10.8
33 COLORADO ³	1,271.0	1,297.6	1,298.5	35.2	43.6	43.8	76.4	76.2	73.6	181.8	185.8	185.2
34 Denver—Boulder ³	815.3	834.5	834.0	22.5	27.1	27.3	45.0	44.7	43.4	125.6	129.4	129.7
35 CONNECTICUT	1,443.6	1,432.3	1,435.0	(2)	(2)	(2)	49.1	52.1	49.8	440.8	430.4	428.8
36 Bridgeport	174.8	174.8	175.3	(2)	(2)	(2)	4.2	4.4	4.2	65.1	66.7	66.7
37 Hartford	406.8	403.3	404.1	(2)	(2)	(2)	13.8	13.1	12.4	95.5	94.7	94.4
38 New Britain	66.1	66.6	66.4	(2)	(2)	(2)	2.1	2.3	2.1	30.0	29.3	29.1
39 New Haven—West Haven	156.3	154.2	195.1	(2)	(2)	(2)	7.3	7.7	7.3	42.1	38.8	38.7
40 Stamford	110.8	111.8	112.8	(2)	(2)	(2)	5.6	5.8	5.7	31.7	31.1	31.2
41 Waterbury	68.3	89.5	89.4	(2)	(2)	(2)	2.8	2.8	2.6	32.9	33.2	32.9
42 DELAWARE	263.2	257.1	260.2	(1)	(1)	(1)	14.2	14.9	14.8	74.1	67.7	70.9
43 Wilmington	234.2	228.9	231.4	(1)	(1)	(1)	14.6	15.6	15.4	67.5	61.7	64.6
44 DISTRICT OF COLUMBIA	616.5	606.1	607.0	(1)	(1)	(1)	13.2	13.3	12.9	15.4	14.7	14.8
45 Washington SMSA	1,567.0	1,592.4	1,596.9	(1)	(1)	(1)	74.8	69.9	67.7	56.0	55.9	55.9
46 FLORIDA	2,711.6	3,809.8	(*)	10.5	10.6	(*)	282.3	278.1	(*)	467.5	472.3	(*)
47 Bradenton	45.1	44.3	44.6	-	-	-	3.6	3.8	3.8	7.6	7.0	6.8
48 Daytona Beach	77.0	77.0	77.1	(1)	(1)	(1)	4.9	4.8	4.8	8.4	8.2	8.0
49 Fort Lauderdale—Hollywood	356.2	347.4	347.9	(1)	(1)	(1)	33.7	30.0	29.6	41.5	40.2	40.2
50 Fort Myers—Cape Coral	65.6	66.2	65.8	(1)	(1)	(1)	7.8	7.4	7.4	3.6	3.7	3.7
51 Gainesville	65.3	69.0	68.7	(1)	(1)	(1)	3.9	3.6	3.5	4.6	5.0	4.6
52 Jacksonville	297.7	301.4	302.5	(1)	(1)	(1)	16.0	16.6	16.6	34.2	35.3	35.3
53 Lakeland—Winter Haven	120.5	116.0	116.5	5.7	5.1	5.1	8.9	8.7	8.4	24.1	22.4	22.8
54 Melbourne—Titusville—Cocoa	104.2	103.2	103.9	(1)	(1)	(1)	6.4	6.1	6.1	23.5	23.6	23.8
55 Miami	736.8	721.7	722.4	(1)	(1)	(1)	39.1	34.6	34.4	103.0	99.7	99.4
56 Orlando	292.3	291.9	294.9	(1)	(1)	(1)	20.6	19.0	18.8	36.4	37.6	37.8
57 Panama City	32.5	32.9	32.1	(1)	(1)	(1)	2.0	2.0	2.0	3.5	3.5	3.2
58 Pensacola	55.1	99.1	100.0	(1)	(1)	(1)	7.3	7.0	7.2	12.6	12.3	12.1
59 Sarasota	72.2	72.1	72.7	(1)	(1)	(1)	7.2	6.7	6.4	6.3	6.1	6.1
60 Tallahassee	75.4	75.4	75.3	(1)	(1)	(1)	3.8	3.2	3.2	2.9	2.9	2.8
61 Tampa—St. Petersburg	554.9	559.4	562.0	(1)	(1)	(1)	40.1	41.5	41.6	76.1	76.9	76.7
62 West Palm Beach—Boca Raton	217.2	215.5	218.4	(1)	(1)	(1)	21.4	15.6	19.6	29.1	28.8	28.8

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
71.8	71.0	71.0	278.8	273.8	275.8	58.8	58.3	58.2	207.7	209.1	208.4	303.7	300.2	300.2	1
29.2	29.1	29.1	85.7	84.8	86.6	22.8	22.8	22.8	67.5	69.0	69.3	58.0	56.5	56.5	2
2.6	2.6	2.6	22.0	22.1	22.6	3.5	3.4	3.4	17.6	18.1	18.1	35.0	35.2	35.4	3
11.2	10.6	10.5	38.5	36.7	36.7	7.3	7.3	7.3	29.3	29.8	29.6	27.1	27.1	27.2	4
4.8	4.7	4.7	24.1	24.1	24.5	6.3	6.2	6.2	20.5	20.5	20.5	29.5	28.7	28.7	5
1.8	1.8	1.8	10.0	9.9	10.3	1.7	1.6	1.6	6.2	6.2	6.2	18.5	17.8	18.2	6
16.3	17.6	17.4	29.8	32.0	32.1	8.1	8.8	8.7	28.9	31.7	31.4	56.1	59.0	59.2	7
50.7	51.8	52.3	248.9	252.5	257.7	57.8	60.7	60.7	206.8	211.9	213.0	210.2	205.6	204.9	8
30.9	31.8	32.2	165.5	168.2	171.7	45.1	47.5	47.5	132.5	137.7	138.6	105.5	103.6	103.3	9
8.6	8.5	8.5	42.6	42.6	43.6	6.2	8.5	8.5	40.7	42.5	42.6	46.5	45.0	44.7	10
43.2	43.8	43.2	164.4	164.3	165.7	31.2	32.0	31.9	115.6	118.7	117.3	145.2	140.8	139.8	11
4.0	3.9	3.9	16.2	16.1	16.2	2.3	2.3	2.3	9.5	10.1	10.0	11.6	11.8	11.5	12
3.6	3.6	3.6	14.2	14.6	14.7	2.5	2.6	2.5	12.6	12.2	12.1	9.4	9.5	9.4	13
13.7	13.7	13.6	43.3	42.4	43.0	12.6	12.6	12.6	33.6	34.9	35.0	38.6	38.3	38.2	14
4.0	4.0	4.0	6.7	6.5	6.5	1.4	1.4	1.4	4.9	5.1	5.1	6.9	7.0	7.0	15
542.8	548.4	548.0	2,350.5	2,366.2	2,413.4	626.8	640.8	643.1	2,210.1	2,294.5	2,302.3	1,784.5	1,775.4	1,771.8	16
28.0	29.4	29.4	210.7	213.2	217.8	58.2	60.8	61.1	176.4	183.8	184.8	111.2	107.7	107.6	17
8.0	8.1	8.2	35.1	34.4	35.1	4.8	5.1	5.1	24.0	24.7	24.8	33.6	33.8	33.8	18
11.1	10.6	10.6	51.0	51.2	52.1	11.1	11.2	11.3	37.4	37.9	37.8	41.6	40.2	40.1	19
197.4	198.8	198.4	850.2	852.9	872.2	234.9	238.4	238.9	847.0	873.1	876.0	503.3	491.9	492.4	20
3.8	3.9	3.9	22.8	23.2	23.2	3.4	3.5	3.5	17.1	17.7	17.7	17.5	17.0	16.9	21
6.7	6.4	6.4	37.3	37.3	38.6	7.5	7.8	7.8	31.7	32.8	33.0	38.5	37.5	38.4	22
26.1	26.3	26.5	111.8	111.1	113.6	18.6	18.8	19.0	92.4	94.2	94.5	102.7	103.0	102.7	23
21.9	22.3	22.3	98.7	99.5	100.4	22.9	23.3	23.3	75.1	75.3	76.0	142.2	143.3	142.7	24
4.9	4.8	4.8	23.3	24.2	24.3	4.4	4.4	4.4	19.4	20.3	20.1	23.9	24.3	24.1	25
28.1	28.7	28.8	152.5	150.3	152.9	35.1	39.5	39.6	151.4	155.8	156.3	144.5	144.1	143.5	26
130.8	131.2	131.2	373.4	376.9	383.6	147.7	150.4	150.8	355.8	366.1	367.2	294.4	290.8	290.9	27
22.0	22.9	22.7	135.1	134.6	138.0	27.9	28.3	28.4	154.5	161.5	161.1	83.6	83.0	82.9	28
5.1	5.2	5.2	31.5	30.6	30.9	5.7	5.7	5.8	34.6	35.2	35.3	24.6	25.4	25.4	29
4.6	4.5	4.5	23.4	23.9	24.2	5.7	5.7	5.7	18.4	18.7	18.7	20.6	20.7	20.6	30
8.0	7.7	7.6	29.0	28.6	28.6	5.1	5.2	5.2	24.4	25.1	25.0	27.4	27.5	27.5	31
4.8	4.8	4.8	22.0	23.3	23.4	3.3	3.3	3.3	19.3	20.4	20.0	35.9	36.4	36.4	32
79.4	82.8	82.3	315.9	315.3	317.6	76.2	80.2	80.6	259.7	267.3	270.4	246.4	246.4	245.0	33
55.5	58.0	57.6	198.3	197.7	198.4	55.2	57.2	57.5	173.2	180.7	181.3	139.9	139.8	138.8	34
61.6	60.6	60.7	309.7	302.0	308.1	105.8	110.4	111.2	291.6	299.4	299.3	185.0	177.4	177.1	35
6.4	6.1	6.1	39.3	38.0	38.5	7.5	7.4	7.4	35.4	35.0	35.3	16.9	17.2	17.1	36
14.1	14.5	14.5	85.9	85.3	87.2	22.6	23.1	23.2	75.9	78.1	77.9	55.0	54.5	54.5	37
3.3	3.4	3.3	11.4	11.4	11.6	1.8	1.9	1.9	10.7	11.2	11.2	6.8	7.1	7.2	38
16.2	16.2	16.2	42.8	43.4	44.3	11.0	11.1	11.2	50.3	51.5	51.7	26.6	25.5	25.7	39
4.2	4.3	4.4	24.4	24.7	25.5	7.7	8.0	8.0	26.8	27.4	27.5	10.4	10.5	10.5	40
3.2	3.2	3.2	16.1	16.3	16.6	3.5	3.5	3.6	18.6	19.5	19.5	11.2	11.0	11.0	41
12.4	12.1	12.1	57.5	56.2	56.6	11.9	12.0	12.0	48.0	48.2	48.4	45.2	46.0	45.5	42
11.9	11.7	11.7	49.4	48.0	48.5	11.1	11.3	11.3	42.7	43.5	43.3	37.1	37.2	36.7	43
25.6	25.8	25.8	66.3	65.1	65.7	36.1	35.4	35.4	183.2	187.3	187.6	276.7	264.5	264.8	44
69.1	68.1	68.3	313.3	316.5	323.5	92.0	94.0	94.0	429.6	450.6	450.6	552.2	537.4	536.5	45
226.7	227.2	(*)	986.3	1,002.6	(*)	261.3	270.7	(*)	848.4	894.8	(*)	628.6	653.5	(*)	46
1.6	1.5	1.5	12.1	11.2	11.6	2.9	3.5	3.6	8.4	8.8	8.9	8.9	8.4	8.6	47
3.2	3.2	3.0	21.7	21.4	21.9	4.4	4.7	4.6	20.0	20.1	20.1	14.4	14.6	14.7	48
17.1	17.1	17.0	102.2	98.7	99.0	28.6	28.2	28.4	85.4	85.6	85.9	47.7	47.6	47.8	49
3.8	4.4	4.5	19.5	18.0	18.0	6.1	6.3	6.4	13.9	14.2	14.3	10.9	12.2	11.5	50
1.7	1.7	1.6	14.0	15.1	15.1	2.6	2.8	2.9	11.1	11.8	12.0	27.6	29.0	29.6	51
24.4	24.7	24.7	77.0	77.9	78.9	27.4	27.1	27.1	63.8	66.0	65.9	54.9	53.8	54.0	52
5.1	5.0	5.0	30.3	27.9	28.3	6.5	6.6	6.6	22.9	23.0	23.1	17.0	17.3	17.2	53
4.5	4.4	4.4	22.1	21.6	22.1	4.0	3.8	3.8	24.7	25.3	25.3	19.0	18.4	18.4	54
73.1	71.4	71.4	190.8	187.4	188.0	54.0	54.2	54.2	179.8	180.0	180.4	97.0	94.4	94.6	55
15.0	14.6	14.7	78.4	76.6	75.5	20.0	20.2	20.0	79.7	79.9	80.2	42.2	44.0	43.9	56
2.0	2.0	1.8	8.5	8.5	8.5	1.8	1.8	1.8	6.0	6.6	6.3	8.7	8.5	8.5	57
5.0	4.9	5.2	22.5	23.1	23.3	4.5	4.3	4.3	21.2	21.8	22.2	26.2	25.7	25.7	58
3.1	3.1	3.1	20.7	20.6	21.1	6.2	6.5	6.5	18.4	18.7	19.1	10.3	10.4	10.4	59
2.4	2.5	2.5	14.6	14.3	14.6	3.4	3.6	3.6	12.8	13.3	13.2	35.5	35.6	35.4	60
30.6	31.5	31.7	151.5	149.8	151.9	39.5	40.5	40.5	132.6	134.9	135.4	84.5	84.3	84.2	61
8.6	8.8	8.8	55.2	53.9	55.4	18.2	17.2	17.1	53.2	55.0	56.2	31.5	32.2	32.5	62

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1 GEORGIA	2,176.2	2,166.4	2,165.4	7.7	7.7	7.8	103.7	97.2	97.1	518.7	513.2	509.7
2 Albany	44.5	45.4	45.4	(1)	(1)	(1)	3.1	3.1	3.2	10.5	10.8	10.8
3 Atlanta	577.4	577.9	582.7	(1)	(1)	(1)	43.7	40.8	40.9	145.5	145.0	144.9
4 Augusta	124.6	124.9	125.5	(1)	(1)	(1)	5.4	4.5	4.4	35.8	36.3	36.1
5 Columbus	66.3	78.4	78.5	(1)	(1)	(1)	3.8	4.0	4.3	21.3	20.3	19.6
8 Macon	57.6	97.3	57.2	(1)	(1)	(1)	5.1	4.9	4.9	15.3	15.8	15.5
7 Savannah	66.7	89.4	88.8	(1)	(1)	(1)	6.3	6.3	6.2	17.1	17.0	16.3
8 HAWAII	407.7	403.2	406.9	(1)	(1)	(1)	24.3	21.5	21.1	22.5	22.2	22.2
9 Honolulu	336.0	332.1	334.7	(1)	(1)	(1)	19.9	17.8	17.3	16.0	16.0	16.2
10 IDAHO	322.0	325.3	323.1	4.9	4.7	4.5	17.1	16.3	15.5	52.7	50.8	49.6
11 Boise City	75.8	75.6	75.6	(1)	(1)	(1)	6.1	5.1	4.9	8.5	8.5	8.4
12 ILLINOIS	4,875.4	4,851.9	4,828.2	32.7	32.4	32.1	181.6	196.8	181.8	1,196.3	1,156.0	1,144.0
13 Bloomington—Normal	56.2	52.4	51.2	(2)	(2)	(2)	1.7	1.7	1.5	6.5	7.2	7.2
14 Champaign—Urbana—Rantoul	77.7	78.0	76.6	(2)	(2)	(2)	1.5	1.7	1.4	7.6	7.8	7.7
15 Chicago—Gary	2,566.7	3,461.4	3,441.6	4.9	5.5	5.1	129.8	128.3	118.4	506.3	878.5	869.1
18 Chicago SMSA	2,255.7	3,216.5	3,199.3	4.8	5.4	5.0	115.1	113.9	104.5	613.2	791.9	784.5
17 Davenport—Rock Island—Moline	163.4	160.6	160.1	(2)	(2)	(2)	6.9	7.9	7.3	49.6	45.4	45.4
18 Decatur	55.5	55.2	55.2	(2)	(2)	(2)	2.2	2.4	2.1	19.3	19.1	15.2
19 Kankakee	34.3	33.0	32.9	(2)	(2)	(2)	1.7	1.8	1.7	9.4	8.1	8.1
20 Peoria	145.3	146.9	148.5	(2)	(2)	(2)	7.1	7.0	6.6	47.8	45.9	47.7
21 Rockford	112.2	112.7	116.3	(2)	(2)	(2)	3.5	3.8	3.6	45.3	45.1	48.6
22 Springfield	87.3	87.9	87.4	(2)	(2)	(2)	3.8	4.2	3.8	6.3	6.3	6.3
23 INDIANA	2,145.1	2,106.6	2,085.5	9.8	9.3	9.1	90.0	88.4	83.3	659.2	640.3	623.4
24 Anderson	47.4	45.2	44.6	(1)	(1)	(1)	1.0	1.1	1.1	20.4	19.3	18.8
25 Elkhart	67.6	66.8	66.0	-	-	-	2.2	2.1	2.0	33.9	33.5	32.8
26 Evansville	126.1	125.8	125.4	2.9	2.6	2.6	7.0	7.3	7.1	36.5	34.7	34.3
27 Fort Wayne	173.7	170.0	168.0	(1)	(1)	(1)	7.9	7.8	7.3	53.9	51.5	50.3
28 Gary—Hammond—East Chicago	251.0	244.9	242.3	(1)	(1)	(1)	14.7	14.4	13.9	53.1	86.6	84.6
29 Indianapolis	537.8	532.6	(*)	(1)	(1)	(*)	23.2	23.2	(*)	122.7	121.0	(*)
30 Lafayette—West Lafayette	55.2	59.0	58.2	(1)	(1)	(1)	2.5	3.0	2.7	11.5	11.2	11.2
31 Muncie	50.1	48.6	47.6	(1)	(1)	(1)	1.4	1.3	1.1	13.0	11.5	10.9
32 South Bend	107.9	106.4	106.2	(1)	(1)	(1)	4.7	4.1	4.0	30.2	30.4	30.0
33 Terre Haute	64.4	61.0	60.0	1.4	1.5	1.4	3.8	3.1	3.0	15.4	14.4	14.2
34 IOWA	1,657.0	1,078.1	1,071.8	2.1	2.0	1.9	42.6	41.2	37.1	238.0	231.7	225.0
35 Cedar Rapids	83.7	81.2	80.7	(1)	(1)	(1)	3.3	3.4	3.2	26.9	25.8	25.4
36 Des Moines	176.8	177.1	176.6	(1)	(1)	(1)	6.5	5.8	5.4	24.2	23.3	23.0
37 Dubuque	42.9	42.0	42.0	(1)	(1)	(1)	1.3	1.3	1.1	14.5	13.8	13.7
38 Sioux City	46.8	48.5	48.1	(1)	(1)	(1)	2.2	2.0	1.7	5.0	9.4	5.1
39 Waterloo—Cedar Falls	66.7	64.4	64.6	(1)	(1)	(1)	2.4	1.9	1.9	22.7	21.5	21.7
40 KANSAS	552.0	554.9	553.8	16.9	15.8	19.6	44.3	41.9	40.8	187.6	185.7	184.3
41 Lawrence	26.6	28.8	28.2	(2)	(2)	(2)	.9	.9	.9	4.6	4.5	4.5
42 Topeka	67.1	86.0	85.5	.2	.2	.1	3.7	3.2	3.1	10.1	9.9	9.8
43 Wichita	206.2	209.4	207.9	2.8	3.8	3.7	9.5	10.2	9.9	65.0	63.3	62.5
44 KENTUCKY	(*)	1,191.8	1,187.1	(*)	53.7	53.3	(*)	57.2	52.9	(*)	261.0	253.5
45 Lexington—Fayette	147.0	144.1	144.8	(1)	(1)	(1)	6.8	5.1	4.2	30.8	29.1	29.7
46 Louisville	(*)	378.5	370.1	(*)	(1)	(1)	(*)	16.4	16.2	(*)	89.0	80.5
47 Owensboro	31.4	31.2	29.9	.9	1.0	.8	2.0	1.8	1.4	6.8	7.0	6.8
48 LOUISIANA	1,616.9	1,649.9	1,652.7	90.6	95.0	95.4	148.3	155.0	154.0	218.4	211.6	210.0
49 Alexandria	52.9	53.8	53.5	(1)	(1)	(1)	4.1	4.0	3.9	5.8	5.9	5.9
50 Baton Rouge	205.6	212.0	211.8	1.5	1.3	1.3	24.8	21.9	20.8	26.2	26.3	26.2
51 Lafayette	82.3	91.2	91.6	16.4	18.3	18.5	5.9	6.1	6.0	4.5	5.1	5.0
52 Lake Charles	67.4	68.5	68.0	2.2	2.4	2.5	9.1	9.2	8.5	13.7	13.4	13.3
53 Monroe	51.3	49.2	49.1	.5	.6	.6	3.2	3.2	3.1	7.8	7.3	7.3
54 New Orleans	504.8	501.6	502.4	17.9	19.7	19.6	30.8	31.2	30.8	54.4	53.3	53.0
55 Shreveport	150.1	150.7	151.3	5.8	6.3	6.5	10.1	9.8	9.5	27.3	27.9	27.7
56 MAINE	421.2	413.9	411.9	(1)	(1)	(1)	18.8	19.2	18.1	114.4	110.6	110.2
57 Lewiston—Auburn	35.6	34.3	33.9	(1)	(1)	(1)	1.2	1.1	1.1	12.0	11.0	10.8
58 Portland	94.0	95.9	95.7	(1)	(1)	(1)	3.7	3.7	3.5	18.8	18.0	18.0
59 MARYLAND	1,716.8	1,694.6	1,696.8	(1)	(1)	(1)	101.8	90.1	85.7	235.0	229.5	225.6
60 Baltimore	962.9	944.2	944.2	(1)	(1)	(1)	51.5	43.4	41.2	159.2	155.0	152.0

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	
139.7	140.4	140.4	509.5	492.2	499.0	113.0	114.4	114.1	348.0	359.7	358.1	435.8	441.5	439.2	1
2.2	2.1	2.1	10.0	10.4	10.5	1.9	2.0	2.0	6.4	6.6	6.6	10.5	10.4	10.4	2
87.0	87.5	87.6	272.1	265.5	271.8	65.2	69.2	69.2	199.0	207.6	206.7	160.9	161.8	161.6	3
4.4	4.4	4.4	24.2	23.7	24.2	4.5	4.4	4.4	18.5	18.7	18.8	31.8	32.9	32.9	4
3.4	3.3	3.3	16.4	15.9	16.1	5.5	5.6	5.7	10.8	11.0	11.1	19.0	18.3	18.4	5
4.5	4.5	4.4	20.2	19.5	19.8	5.8	6.1	6.2	16.7	16.6	16.6	30.0	29.8	29.8	6
8.3	8.1	8.3	20.0	20.5	20.5	4.1	4.2	4.2	15.1	16.1	15.9	15.9	17.2	17.2	7
31.0	30.9	31.0	105.8	105.3	107.2	33.5	32.1	32.2	100.1	101.1	102.3	90.5	90.2	90.9	8
25.7	25.9	25.9	87.8	87.2	88.8	25.3	27.6	27.7	80.3	80.7	81.3	77.0	76.8	77.5	9
20.1	19.2	18.9	82.2	81.2	81.5	23.3	23.3	23.3	60.6	58.6	59.2	71.1	71.2	70.6	10
5.2	4.5	4.5	20.7	19.4	19.8	8.1	8.2	8.1	14.8	14.1	14.1	16.4	15.8	15.8	11
283.3	281.3	279.9	1,162.4	1,142.4	1,151.8	312.6	310.0	310.3	953.7	965.4	962.4	756.8	767.6	765.9	12
3.1	3.2	3.2	12.7	12.4	12.4	7.5	7.8	7.8	8.1	8.3	8.2	10.6	11.8	11.5	13
2.6	2.6	2.6	20.1	19.1	19.2	2.6	2.5	2.4	11.1	11.5	11.5	32.2	32.8	31.8	14
205.5	210.8	208.1	823.0	806.2	811.2	231.6	228.4	228.5	690.4	690.7	690.4	515.3	512.9	510.8	15
174.0	156.3	193.7	771.0	755.4	760.1	222.3	219.3	219.4	652.7	652.9	652.7	482.6	481.4	475.4	16
6.8	7.0	6.9	41.2	40.9	41.1	7.3	7.2	7.2	24.3	24.9	24.9	27.2	27.3	27.3	17
5.3	5.3	5.3	12.4	11.9	12.2	2.7	2.7	2.7	8.7	8.8	8.7	4.8	4.9	5.0	18
1.5	1.4	1.4	7.0	7.1	7.1	1.1	1.1	1.1	6.4	6.5	6.5	7.2	7.0	7.0	19
7.9	7.8	7.9	36.0	35.0	35.2	7.2	7.1	7.1	25.8	26.6	26.5	17.5	17.5	17.5	20
4.5	4.4	4.4	25.2	24.9	25.2	4.2	4.2	4.3	17.2	17.7	17.6	12.3	12.6	12.5	21
4.7	4.8	4.8	19.6	19.0	19.2	6.7	6.6	6.6	17.7	18.5	18.5	28.4	28.4	28.1	22
101.4	102.6	102.5	486.0	473.2	475.9	101.7	100.7	100.5	337.6	344.1	342.3	359.3	347.9	348.4	23
1.4	1.3	1.2	9.5	9.3	9.3	1.6	1.6	1.6	7.3	7.2	7.2	6.2	5.4	5.4	24
2.0	2.1	2.1	13.5	13.1	13.2	2.1	2.1	2.1	8.8	8.9	8.8	5.1	5.0	5.0	25
7.7	7.1	7.1	31.5	31.4	31.7	4.6	4.7	4.7	25.4	25.5	25.3	13.0	12.5	12.6	26
10.6	10.9	10.7	43.3	42.4	42.7	10.5	10.5	10.4	29.1	29.1	28.9	18.4	17.8	17.7	27
11.5	14.5	14.4	52.0	50.9	51.1	9.3	9.1	9.1	37.7	37.9	37.8	32.7	31.5	31.4	28
31.6	31.1	(*)	136.5	134.5	(*)	38.5	38.5	(*)	95.7	97.8	(*)	89.6	86.5	(*)	29
1.5	1.4	1.4	11.5	11.4	11.4	2.5	2.5	2.5	9.3	9.4	9.4	20.4	20.1	19.7	30
2.0	2.1	2.1	12.5	12.4	12.5	1.5	1.5	1.5	8.2	8.5	8.3	11.5	11.3	11.2	31
4.2	4.6	4.5	26.8	25.7	25.9	5.4	5.2	5.2	23.8	23.6	23.7	12.8	12.8	12.9	32
3.5	3.4	3.3	16.2	14.8	14.7	2.1	2.0	2.0	9.4	9.5	9.2	12.6	12.3	12.2	33
54.7	52.5	52.4	284.7	276.3	278.0	57.8	57.9	58.0	208.7	211.2	210.9	208.4	205.2	204.5	34
3.8	3.7	3.7	19.6	18.0	18.1	4.3	4.3	4.2	15.8	16.1	16.1	10.0	10.0	9.9	35
11.2	11.4	11.3	48.1	47.5	47.5	20.5	20.9	21.0	38.6	40.6	40.4	29.5	27.7	27.6	36
1.6	1.6	1.5	9.6	9.3	9.4	1.3	1.3	1.3	10.5	10.8	10.8	4.1	4.0	4.0	37
3.8	3.6	3.7	12.9	12.2	12.4	2.9	2.8	2.8	11.8	12.3	12.3	6.2	6.1	6.1	38
2.6	2.5	2.5	14.4	14.2	14.4	2.1	2.0	2.1	11.0	10.8	10.8	11.7	11.3	11.3	39
63.5	62.9	63.0	233.0	232.5	235.1	48.0	47.7	47.6	167.2	174.7	174.2	192.5	189.7	189.2	40
1.4	1.4	1.4	5.9	5.6	5.7	.8	.8	.8	3.7	4.2	4.2	11.3	11.4	11.3	41
8.1	8.5	8.0	19.2	18.7	18.5	6.0	5.9	6.0	17.4	17.9	17.9	22.4	21.7	21.7	42
10.4	10.2	10.2	47.5	45.0	46.8	5.4	9.6	9.6	39.0	40.2	40.2	24.6	23.1	23.0	43
(*)	67.1	67.1	(*)	259.6	266.4	(*)	51.8	51.6	(*)	213.0	213.1	(*)	228.4	229.2	44
7.5	7.5	7.6	33.7	33.8	34.7	7.4	7.7	7.7	27.4	27.4	27.4	33.4	33.5	33.5	45
(*)	22.4	22.1	(*)	91.1	91.9	(*)	23.0	23.0	(*)	60.8	60.2	(*)	55.7	56.1	46
2.4	2.5	2.5	7.4	7.2	6.8	1.3	1.2	1.2	5.7	5.7	5.7	4.8	4.8	4.7	47
125.6	127.8	127.4	367.8	370.4	374.2	75.4	76.2	76.6	276.2	287.2	288.1	314.6	326.7	326.9	48
2.5	2.6	2.5	11.5	11.9	12.2	2.9	2.9	2.9	10.8	11.4	11.4	15.3	15.1	15.1	49
11.3	12.2	12.2	47.1	49.1	50.3	11.2	11.5	11.5	54.0	36.1	36.0	53.5	53.6	53.5	50
6.0	6.8	6.9	21.3	22.4	22.7	2.9	3.2	3.2	15.0	16.5	16.5	11.3	11.8	11.8	51
3.8	4.0	3.8	15.1	15.4	15.8	2.7	2.9	2.9	9.8	10.2	10.2	11.0	11.0	11.0	52
2.8	2.7	2.7	14.0	13.0	13.0	3.9	4.0	4.0	8.0	8.1	8.1	11.1	10.3	10.3	53
51.6	51.6	51.6	128.6	126.1	127.6	30.5	30.2	30.1	111.6	111.2	111.6	79.4	78.3	78.1	54
10.4	10.5	10.5	36.6	35.8	36.5	7.1	6.7	6.7	27.9	29.1	29.2	24.9	24.6	24.7	55
18.8	18.5	18.2	90.1	86.1	87.0	16.5	16.8	16.9	77.2	78.0	77.6	85.4	84.7	83.9	56
1.2	1.2	1.2	8.7	8.3	8.2	1.6	1.6	1.6	7.6	8.0	7.9	3.3	3.1	3.1	57
5.3	5.4	5.4	25.5	26.9	27.0	7.5	7.8	7.9	19.6	20.6	20.7	13.6	13.5	13.2	58
87.8	86.7	87.8	426.8	426.2	434.1	93.9	96.1	96.9	363.7	376.2	376.1	407.8	389.8	390.6	59
59.1	57.9	58.7	221.7	215.4	218.1	58.6	60.0	60.5	201.8	212.8	212.4	212.0	199.5	201.3	60

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

	State and area	Total			Mining			Construction			Manufacturing		
		DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1	MASSACHUSETTS	2,677.5	2,685.0	2,690.5	(1)	(1)	(1)	72.2	72.5	70.5	669.4	671.9	665.0
2	Boston	1,452.7	1,515.3	1,520.0	(1)	(1)	(1)	39.9	44.5	43.0	290.9	298.1	297.4
3	Brockton	57.9	58.4	58.6	(1)	(1)	(1)	1.6	1.3	1.3	12.2	13.0	12.9
4	Fall River	54.6	54.0	53.7	(1)	(1)	(1)	1.4	1.4	1.3	20.1	19.7	19.4
5	Lawrence—Haverhill	113.9	112.4	113.1	(1)	(1)	(1)	3.2	3.1	3.0	44.6	43.3	43.1
6	Lowell	76.7	77.3	77.4	(1)	(1)	(1)	2.6	2.7	2.5	27.9	29.5	29.5
7	New Bedford	64.4	64.1	64.5	(1)	(1)	(1)	1.5	1.6	1.5	25.3	25.4	25.4
8	Springfield—Chicopee—Holyoke	235.5	234.7	235.6	(1)	(1)	(1)	6.6	6.2	5.9	65.0	63.9	62.6
9	Worcester	166.9	166.1	166.3	(1)	(1)	(1)	6.3	6.3	6.0	48.5	47.4	46.8
10	MICHIGAN	3,514.2	3,447.4	3,385.0	12.6	11.8	11.4	112.0	110.5	96.8	1,042.9	983.5	941.4
11	Ann Arbor	144.4	136.1	136.0	(1)	(1)	(1)	2.8	2.6	2.5	45.1	38.4	38.3
12	Battle Creek	63.7	64.1	62.8	(1)	(1)	(1)	1.7	1.7	1.5	21.4	21.5	20.5
13	Bay City	35.1	34.9	34.9	(1)	(1)	(1)	1.0	.9	.9	9.8	9.4	9.1
14	Detroit	1,714.3	1,659.1	1,636.1	1.2	1.2	1.0	48.7	48.5	45.3	503.5	466.6	445.5
15	Flint	158.1	191.6	190.4	(1)	(1)	(1)	6.8	8.5	7.5	77.5	70.0	70.7
16	Grand Rapids	274.4	274.9	272.7	(1)	(1)	(1)	11.2	11.3	10.5	92.5	93.7	91.6
17	Jackson	51.8	50.9	50.4	(1)	(1)	(1)	1.1	1.1	1.0	14.6	14.4	13.8
18	Kalamazoo—Portage	110.2	109.4	108.5	(1)	(1)	(1)	4.0	4.4	4.1	33.2	32.5	31.9
19	Lansing—East Lansing	185.5	198.9	195.8	(1)	(1)	(1)	6.1	5.1	4.2	40.1	43.4	42.9
20	Muskegon—Norton Shores—Musk. Hts. ?	61.0	60.7	59.2	(1)	(1)	(1)	1.9	2.0	1.8	20.7	20.5	19.2
21	Saginaw	66.9	83.5	82.6	(1)	(1)	(1)	2.1	1.9	1.8	31.5	29.5	27.9
22	MINNESOTA	1,765.7	1,770.4	1,765.1	14.2	12.9	12.4	68.4	70.1	62.0	364.6	365.4	364.7
23	Duluth—Superior	61.0	58.4	57.8	(1)	(1)	(1)	1.7	1.6	1.4	8.1	7.8	7.7
24	Minneapolis—St. Paul	1,106.3	1,115.8	1,115.3	(1)	(1)	(1)	40.0	38.6	35.4	244.0	248.6	248.8
25	Rochester	50.7	51.3	50.8	(2)	(2)	(2)	1.6	1.6	1.2	10.0	10.4	10.1
26	St. Cloud	56.1	53.7	54.5	(1)	(1)	(1)	2.7	2.5	2.3	11.9	10.3	10.9
27	MISSISSIPPI	836.8	821.2	821.1	11.0	11.1	11.1	43.3	40.0	39.3	219.7	214.9	214.1
28	Jackson	146.4	145.7	145.4	1.5	1.6	1.6	7.1	6.1	6.0	19.1	18.3	18.1
29	MISSOURI	1,565.1	1,976.1	1,966.4	7.7	7.7	7.6	74.1	78.1	73.9	430.9	429.9	425.5
30	Kansas City	625.9	615.1	605.1	.5	.5	.5	24.0	22.8	21.3	119.4	117.0	108.9
31	St. Joseph	37.9	35.4	35.4	(2)	(2)	(2)	1.9	1.9	1.7	9.2	8.0	8.1
32	St. Louis	966.7	978.8	978.3	2.7	2.8	2.7	41.6	40.2	38.8	235.6	230.5	228.7
33	Springfield	65.7	86.8	85.7	(2)	(2)	(2)	3.4	3.5	3.2	18.0	19.1	18.5
34	MONTANA	260.7	284.3	285.1	7.7	8.8	8.6	13.5	14.9	13.8	23.5	23.0	22.9
35	Billings	47.9	48.7	48.0	(1)	(1)	(1)	2.4	2.9	2.5	4.2	4.4	4.2
36	Great Falls	25.3	30.5	30.3	(1)	(1)	(1)	1.4	2.1	1.9	1.3	1.3	1.3
37	NEBRASKA	634.1	636.2	634.0	1.6	1.6	1.5	26.4	26.0	23.9	96.1	95.1	94.3
38	Lincoln	101.2	101.2	100.6	(2)	(2)	(2)	3.8	3.7	3.5	13.5	13.2	13.1
39	Omaha	265.8	265.2	264.5	(2)	(2)	(2)	10.4	9.6	9.1	35.4	33.8	33.9
40	NEVADA	403.5	423.2	420.8	7.5	8.0	8.0	25.5	24.2	23.6	19.9	19.9	19.8
41	Las Vegas	221.5	234.7	233.8	.6	.7	.7	13.2	12.6	12.5	7.1	7.2	7.2
42	Reno	116.4	118.0	117.5	1.1	1.2	1.2	7.3	6.6	6.3	8.4	8.2	8.1
43	NEW HAMPSHIRE	391.5	389.3	390.3	.4	.4	.4	20.3	21.5	21.7	116.3	115.5	114.5
44	Manchester	75.1	74.9	74.7	(2)	(2)	(2)	3.2	3.3	3.1	16.6	17.0	16.6
45	Nashua	65.5	66.1	66.4	(2)	(2)	(2)	2.7	2.8	2.7	30.2	30.6	30.9
46	NEW JERSEY	2,074.8	3,105.7	3,056.3	2.4	2.3	2.3	110.4	116.9	112.1	775.2	771.5	759.2
47	Atlantic City	93.7	100.4	97.3	-	-	-	5.0	4.3	4.1	8.2	7.7	7.6
48	Camden	324.1	331.9	331.6	.1	.1	.1	14.2	14.2	13.6	69.9	70.1	68.9
49	Hackensack	405.2	399.8	400.0	(1)	(1)	(1)	14.1	15.8	15.2	105.8	108.7	107.7
50	Jersey City	225.7	227.3	226.6	-	-	-	4.7	5.8	5.6	69.1	67.4	66.2
51	Long Branch—Asbury Park	163.1	166.1	166.4	(1)	(1)	(1)	6.7	8.2	8.0	25.2	25.5	25.5
52	New Bruns. Perth Amboy—Sayreville	293.2	288.1	287.7	(1)	(1)	(1)	11.5	11.2	10.8	50.9	87.6	86.9
53	Newark	951.9	945.7	945.4	.8	.9	.9	34.8	30.9	30.4	245.9	240.7	238.2
54	Paterson—Clifton—Passaic	185.3	188.7	187.5	(1)	(1)	(1)	7.0	7.5	7.1	65.3	64.8	64.4
55	Trenton	165.8	162.0	162.1	(1)	(1)	(1)	3.3	3.5	3.3	34.4	33.8	33.3
56	Vineland—Millville—Bridgeton	54.7	54.7	53.5	(1)	(1)	(1)	2.0	2.2	2.0	17.1	18.0	17.6
57	NEW MEXICO	462.8	468.4	465.4	30.4	30.4	30.5	27.7	30.7	28.6	34.0	32.0	31.9
58	Albuquerque	166.6	188.4	185.0	(1)	(1)	(1)	11.2	11.8	11.6	18.0	16.8	16.7
59	Las Cruces	30.1	30.2	30.4	-	-	-	1.7	1.6	1.7	2.5	2.6	2.6
60	NEW YORK	7,265.9	7,290.0	7,295.4	6.1	6.5	6.0	202.5	213.2	201.7	1,440.0	1,426.5	1,409.2
81	Albany—Schenectady—Troy	335.4	336.6	336.8	(1)	(1)	(1)	10.8	10.4	9.4	58.0	54.3	54.7
62	Binghamton	117.9	120.9	120.9	(1)	(1)	(1)	3.6	4.0	3.7	42.1	44.2	44.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
123.8	126.6	126.6	586.6	593.6	601.6	158.7	163.7	164.9	654.7	680.8	682.7	412.2	375.9	375.2	1
74.4	74.4	74.3	329.0	325.9	332.6	109.6	113.9	114.7	437.2	461.3	461.1	211.7	197.2	196.9	2
3.8	3.6	3.6	15.9	15.9	16.1	1.9	1.9	1.9	10.5	11.1	11.2	12.0	11.6	11.6	3
1.9	1.9	2.1	11.3	11.5	11.6	2.7	2.8	2.8	9.3	9.5	9.5	7.9	7.2	7.0	4
4.8	4.7	4.7	22.0	22.2	22.7	4.2	4.3	4.4	18.6	18.8	18.9	16.5	16.0	16.3	5
3.3	3.2	3.2	16.1	15.6	16.2	2.0	2.1	2.1	12.5	12.6	12.6	12.3	11.4	11.3	6
2.5	2.9	2.9	12.3	11.5	12.2	2.0	2.0	2.0	9.5	9.8	9.8	11.3	10.5	10.7	7
9.5	9.5	9.5	49.0	48.3	50.7	12.3	13.5	13.6	45.8	47.8	48.0	46.3	45.5	45.3	8
7.4	7.5	7.6	36.6	36.8	37.5	9.1	9.5	9.6	34.5	34.1	34.5	26.5	24.5	24.3	9
149.3	145.0	143.3	765.2	738.2	742.7	156.6	153.6	153.0	651.2	676.7	672.6	624.3	628.1	623.8	10
3.1	3.3	3.3	19.5	18.2	18.5	4.2	4.1	4.0	23.1	23.6	23.6	46.6	46.0	45.6	11
2.3	2.4	2.3	10.9	11.1	11.1	3.8	3.8	3.8	11.3	11.5	11.5	12.3	12.1	12.1	12
1.7	1.7	1.7	8.5	8.5	8.6	1.3	1.3	1.3	7.2	7.5	8.0	5.6	5.3	5.3	13
81.5	77.2	76.1	384.1	372.6	378.9	91.0	89.1	89.0	354.0	363.2	362.1	250.2	240.2	238.2	14
6.1	6.1	6.1	41.8	41.0	41.5	6.5	6.7	6.7	29.9	29.8	29.4	29.5	29.6	28.6	15
11.3	11.5	11.5	64.3	63.7	64.9	10.7	10.7	10.7	49.8	50.8	50.5	34.3	33.2	33.2	16
5.2	5.2	5.2	10.5	10.2	10.5	1.7	1.8	1.7	9.1	9.4	9.4	9.6	8.7	8.8	17
3.5	3.8	3.8	22.6	21.3	21.5	3.7	3.9	3.9	22.0	22.5	22.4	21.1	20.9	20.8	18
5.7	5.7	5.6	35.8	36.2	35.7	5.4	5.4	5.3	28.7	30.0	29.7	63.7	65.0	68.3	19
3.1	3.1	3.1	12.3	12.5	12.5	1.8	1.8	1.8	9.4	9.8	9.7	11.6	11.1	11.1	20
4.9	4.9	4.8	18.3	18.4	18.6	4.1	3.9	4.0	14.0	14.4	14.7	12.0	10.6	10.8	21
100.2	96.8	95.6	446.2	439.7	443.9	95.3	96.7	96.7	372.6	386.6	386.5	308.3	302.2	303.3	22
6.5	6.2	6.0	17.0	15.4	15.5	2.2	2.1	2.1	13.1	13.4	13.2	12.4	11.9	12.0	23
65.5	63.4	63.2	277.5	274.7	278.1	70.8	72.2	72.3	246.4	257.4	257.8	164.2	160.9	159.8	24
1.9	1.5	2.0	10.8	10.7	10.9	1.4	1.5	1.5	19.1	19.8	19.8	5.8	5.4	5.4	25
3.5	3.3	3.3	14.2	13.5	13.8	1.9	1.9	1.9	10.1	10.7	10.8	11.8	11.5	11.6	26
41.4	41.5	40.6	170.5	167.3	170.2	32.9	33.1	33.1	122.5	123.6	123.1	197.5	189.6	189.6	27
9.9	9.7	9.7	35.7	34.9	35.2	11.3	11.1	11.1	29.1	29.7	29.4	34.7	34.4	34.3	28
138.0	137.6	137.1	469.9	465.5	472.7	105.2	110.1	110.2	394.6	410.0	407.1	340.7	333.2	332.3	29
52.1	50.4	50.3	162.9	157.0	158.3	42.9	44.2	44.3	131.1	134.0	132.6	92.0	85.2	88.9	30
2.2	2.1	2.1	5.6	8.2	8.6	1.9	2.0	1.9	6.9	6.8	6.7	6.2	6.3	6.3	31
70.6	65.4	65.4	229.6	226.1	230.1	55.7	55.9	56.0	211.9	218.9	218.2	139.0	135.0	134.4	32
6.4	6.4	6.3	23.6	23.2	23.1	3.4	3.4	3.4	18.6	19.1	19.1	12.3	12.1	12.1	33
23.2	21.9	21.6	72.6	78.4	80.3	12.9	12.1	12.1	55.9	53.5	53.9	71.4	71.7	71.9	34
4.8	4.7	4.4	16.3	15.9	15.9	2.3	2.3	2.3	10.1	10.0	9.9	7.8	8.6	8.7	35
1.8	1.8	1.8	9.7	9.3	9.3	2.0	2.1	2.1	7.0	7.2	7.2	6.1	6.7	6.7	36
47.6	45.8	45.1	165.5	165.7	167.0	42.7	43.2	43.3	118.9	123.9	122.9	133.3	134.9	136.0	37
7.2	6.9	6.8	22.2	22.3	22.3	6.9	7.0	7.0	17.5	18.1	17.7	30.1	29.9	30.2	38
24.1	23.9	23.6	69.2	67.7	68.1	25.2	25.5	25.5	59.2	60.9	60.4	42.3	43.8	43.9	39
24.8	25.5	25.6	83.4	88.0	89.7	18.0	18.4	18.4	165.9	180.1	176.5	58.5	55.1	55.2	40
13.5	14.1	14.1	47.4	51.0	52.2	10.3	10.6	10.6	102.3	110.8	108.7	27.1	27.7	27.8	41
8.3	8.2	8.3	26.2	26.8	27.2	6.3	6.2	6.2	41.8	44.0	43.4	17.0	16.8	16.8	42
14.1	14.0	14.1	85.0	87.5	89.3	20.0	19.9	19.9	72.3	74.2	74.6	55.1	55.9	55.8	43
4.7	4.6	4.6	20.3	19.6	20.0	6.2	6.2	6.3	15.5	15.8	15.8	8.6	8.4	8.3	44
2.0	2.0	2.0	13.2	13.1	13.3	1.9	1.9	2.0	9.6	9.9	9.9	5.9	5.6	5.6	45
189.0	194.1	194.2	696.3	692.4	703.1	157.5	158.6	158.5	617.2	646.7	643.7	526.8	523.2	523.2	46
3.8	3.9	3.9	19.9	19.5	17.5	4.6	5.1	5.0	37.1	45.0	44.3	15.1	14.9	14.9	47
14.7	15.0	14.9	89.4	88.6	90.0	16.6	16.3	16.2	67.1	68.8	69.0	62.2	58.8	58.9	48
20.8	20.3	20.2	122.0	112.9	114.4	17.3	17.8	17.9	75.5	75.4	79.7	45.6	44.9	44.9	49
24.8	24.7	24.1	45.0	44.4	44.4	8.8	8.7	8.8	31.9	32.8	32.7	45.5	43.5	44.8	50
6.1	6.1	6.1	41.3	41.7	42.4	8.1	8.0	8.0	41.8	44.0	43.8	34.0	32.7	32.6	51
23.8	24.8	24.8	68.0	67.3	68.2	10.0	10.4	10.4	41.9	42.7	42.5	47.0	44.1	44.1	52
73.9	75.3	75.5	182.3	175.3	182.2	64.0	64.7	65.1	197.7	203.9	203.4	152.4	150.0	149.7	53
6.0	6.5	6.4	41.8	41.2	41.2	5.1	8.9	8.9	33.4	33.0	32.9	26.7	26.8	26.6	54
5.4	5.3	5.3	26.8	25.6	26.3	7.5	8.0	8.1	44.0	42.7	42.7	44.4	43.1	43.1	55
3.0	3.0	2.8	9.0	8.5	8.6	2.4	2.4	2.4	8.5	8.7	8.7	12.7	11.9	11.8	56
29.2	29.3	29.6	105.5	108.7	111.0	20.9	21.2	21.2	89.4	89.9	90.7	125.7	126.2	125.9	57
12.1	11.8	11.8	47.7	48.4	49.6	10.9	11.0	11.0	44.1	45.7	45.6	42.6	42.9	42.7	58
1.2	1.2	1.2	5.5	5.6	5.7	1.2	1.2	1.2	4.1	4.2	4.2	13.9	13.8	13.8	59
434.4	432.4	425.1	1,520.9	1,502.1	1,530.8	625.9	639.3	641.5	1,723.6	1,777.7	1,780.8	1,312.5	1,292.4	1,296.3	60
16.1	16.0	16.0	69.4	69.2	69.9	15.7	15.8	15.8	71.6	73.2	73.3	97.8	97.7	97.8	61
4.6	4.5	4.5	22.1	21.9	21.9	4.0	4.0	4.0	18.1	20.2	20.1	23.4	22.1	22.1	62

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
NEW YORK—Continued												
1 Buffalo	507.7	500.6	496.5	(1)	(1)	(1)	15.8	16.5	14.9	135.2	130.1	126.4
2 Elmira	37.7	37.5	37.1	(1)	(1)	(1)	1.1	1.1	1.0	11.2	11.2	10.9
3 Monroe County	342.4	346.6	344.2	(1)	(1)	(1)	8.9	10.3	9.2	136.9	139.0	137.3
4 Nassau—Suffolk	924.4	929.1	931.5	(1)	(1)	(1)	37.0	36.8	36.0	167.3	166.2	165.1
5 New York—NortheasternNew Jersey	6,776.3	6,775.4	(*)	2.9	3.0	(*)	202.1	206.4	(*)	1,330.1	1,307.4	(*)
6 New York and Nassau—Suffolk	4,707.0	4,723.1	4,739.9	1.8	1.7	1.7	130.1	134.9	133.1	749.1	737.1	725.0
7 New York SMSA	3,782.5	3,794.0	3,808.4	1.6	1.5	1.5	93.1	98.1	97.1	581.8	571.0	563.9
8 New York City	3,325.7	3,341.8	3,351.3	1.2	1.2	1.2	74.6	77.8	77.6	489.6	483.2	472.5
9 Poughkeepsie	57.9	100.5	100.6	(1)	(1)	(1)	2.8	2.7	2.6	31.7	33.4	33.3
10 Rochester	420.5	425.2	421.7	(1)	(1)	(1)	11.0	12.8	11.5	157.9	161.6	159.0
11 Rockland County	83.0	83.9	84.0	(1)	(1)	(1)	2.6	2.9	2.8	16.1	16.3	16.3
12 Syracuse	261.5	263.1	261.1	(1)	(1)	(1)	9.2	10.2	9.2	59.6	58.8	58.0
13 Utica—Rome	113.4	115.9	115.2	(1)	(1)	(1)	2.4	2.8	2.6	29.4	30.9	30.5
14 Westchester County	357.8	356.1	361.1	(1)	(1)	(1)	15.2	16.6	16.1	74.8	70.2	73.9
NORTH CAROLINA												
15 Asheville	70.1	69.7	68.5	(1)	(1)	(1)	3.0	3.2	3.0	21.8	21.0	20.8
16 Charlotte—Gastonia	336.1	337.0	337.1	(1)	(1)	(1)	18.0	17.8	17.6	93.5	93.7	93.0
18 Greensboro—Winston-Salem—HighPt.	385.1	391.5	392.0	(1)	(1)	(1)	16.5	17.3	17.2	148.9	149.5	149.2
19 Raleigh—Durham	274.1	272.1	271.6	(1)	(1)	(1)	12.3	12.6	12.4	44.1	44.1	43.7
NORTH DAKOTA												
20 Fargo—Moorhead	247.1	255.0	253.3	8.8	11.8	11.8	14.4	17.2	14.0	15.2	15.7	15.9
21 Fargo—Moorhead	62.8	63.2	63.4	(2)	(2)	(2)	3.2	3.3	2.9	4.8	4.5	5.0
OHIO												
22 Akron	263.7	259.5	259.0	(*)	(*)	(*)	7.7	8.1	7.3	77.8	74.9	74.4
23 Canton	156.3	156.0	156.2	(*)	(*)	(*)	5.5	5.3	5.0	54.5	54.8	54.6
24 Cincinnati	610.6	609.4	608.5	(*)	(*)	(*)	26.0	26.0	24.7	163.8	162.0	161.0
25 Cleveland	507.1	497.1	491.9	(*)	(*)	(*)	32.1	33.0	30.7	253.6	248.0	241.1
26 Columbus	526.0	525.9	525.1	(*)	(*)	(*)	20.4	21.0	19.4	56.3	93.5	92.4
27 Dayton	361.0	359.5	355.3	(*)	(*)	(*)	13.3	12.1	11.3	95.5	100.2	99.6
28 Toledo	259.7	254.8	292.8	(*)	(*)	(*)	13.3	13.4	12.7	77.1	73.5	71.8
29 Youngstown—Warren	155.1	201.7	193.4	(*)	(*)	(*)	7.2	7.0	6.5	65.2	68.1	60.1
OKLAHOMA												
31 Enid	26.1	25.9	25.9	2.1	2.5	2.5	1.8	1.4	1.4	3.0	2.8	2.8
32 Lawton	25.3	29.6	25.8	(1)	(1)	(1)	1.6	1.5	1.5	2.7	2.9	2.9
33 Oklahoma City	410.1	429.9	433.1	18.8	21.6	22.0	19.8	24.5	24.3	55.0	54.5	54.3
34 Tulsa	211.4	325.2	325.8	22.2	24.9	24.9	17.6	18.5	18.2	63.2	66.5	66.6
OREGON												
36 Eugene—Springfield	102.7	99.6	(*)	(1)	(1)	(*)	4.2	4.2	(*)	19.6	16.7	(*)
37 Jackson County	—	—	—	—	—	—	—	—	—	7.7	6.2	5.8
38 Portland	551.5	534.4	531.2	(1)	(1)	(1)	22.0	19.0	17.9	111.7	105.9	104.2
39 Salem	85.8	64.8	82.1	(1)	(1)	(1)	3.8	3.3	3.2	12.5	12.8	10.9
PENNSYLVANIA												
41 Allentown—Bethlehem—Easton	265.0	261.5	259.1	(1)	(1)	(1)	8.7	8.6	8.1	106.9	103.5	102.0
42 Altoona	49.2	49.2	48.5	(1)	(1)	(1)	2.2	2.2	2.2	11.9	12.8	12.5
43 Delaware Valley	1,554.8	1,561.5	1,558.5	(1)	(1)	(1)	61.7	57.6	56.1	366.2	355.6	352.3
44 Erie	112.5	108.8	108.6	(1)	(1)	(1)	3.0	3.2	3.0	40.8	40.1	40.4
45 Harrisburg	222.7	223.1	223.0	(1)	(1)	(1)	8.1	8.7	7.9	42.8	41.3	41.2
46 Johnstown	84.1	81.5	79.8	8.0	8.3	7.9	2.5	2.6	2.2	17.6	16.3	15.2
47 Lancaster	155.3	155.0	153.8	(1)	(1)	(1)	7.2	6.9	6.7	58.9	59.6	59.0
48 Northeast Pennsylvania	240.1	237.9	235.4	1.2	1.2	1.1	11.1	12.8	11.4	65.8	69.6	65.1
49 Philadelphia SMSA	1,525.3	1,853.5	1,889.5	(1)	(1)	(1)	75.9	71.8	69.7	436.2	425.9	421.5
50 Philadelphia City	750.2	770.1	768.5	(1)	(1)	(1)	21.4	18.3	17.6	133.2	131.5	129.5
51 Pittsburgh	556.4	535.4	530.8	10.2	10.0	9.8	43.4	48.3	43.6	239.5	225.0	225.7
52 Reading	143.4	144.4	144.2	(1)	(1)	(1)	5.5	5.8	5.4	54.7	54.9	54.9
53 Scranton	88.3	85.5	84.2	(1)	(1)	(1)	2.4	3.0	2.4	28.3	28.2	27.6
54 Wilkes-Barre—Hazleton	122.5	122.7	121.2	1.1	1.1	1.1	7.4	8.6	7.8	36.8	36.7	36.5
55 Williamsport	47.3	46.5	46.5	(1)	(1)	(1)	1.2	1.4	1.3	16.2	15.9	16.1
56 York	158.5	158.1	156.6	(1)	(1)	(1)	6.7	6.7	6.5	66.6	66.8	65.6
RHODE ISLAND												
58 Providence—Warwick—Pawtucket	404.3	404.5	402.3	(1)	(1)	(1)	12.9	13.0	12.6	128.9	126.3	123.1
59 Providence—Warwick—Pawtucket	412.5	411.1	408.0	(1)	(1)	(1)	13.2	13.2	12.8	142.7	140.2	136.3
SOUTH CAROLINA												
60 Charleston—North Charleston	145.3	152.3	152.6	(1)	(1)	(1)	10.5	11.2	11.1	20.1	20.7	20.2
61 Columbia	181.0	179.3	175.7	(1)	(1)	(1)	6.5	6.4	6.3	27.3	27.5	27.2
62 Greenville—Spartanburg	265.4	262.8	262.7	(1)	(1)	(1)	17.3	17.1	17.0	103.0	100.1	99.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	
27.1	26.2	25.9	116.3	114.5	116.2	22.5	22.4	22.3	103.1	104.8	104.5	87.6	85.7	86.3	1
1.3	1.3	1.3	5.2	5.1	5.1	1.1	1.1	1.1	7.4	7.3	7.4	6.5	6.4	6.3	2
10.2	10.1	10.1	61.9	60.7	62.0	14.3	14.4	14.4	69.4	71.8	70.9	41.7	40.2	40.3	3
39.3	40.9	41.0	248.6	248.0	251.5	51.9	52.1	52.1	202.2	208.4	208.8	177.9	176.6	177.1	4
470.8	474.0	(*)	1,452.6	1,425.0	(*)	633.7	643.2	(*)	1,598.2	1,641.1	(*)	1,085.9	1,075.3	(*)	5
321.5	322.0	315.3	993.5	975.6	956.2	524.5	532.8	534.9	1,217.9	1,248.5	1,256.3	768.6	766.2	765.4	6
282.2	281.1	278.3	744.7	731.8	744.7	472.6	480.7	482.8	1,015.9	1,040.3	1,047.7	590.7	589.5	592.3	7
258.7	257.3	254.5	636.0	624.2	635.4	451.2	459.2	461.2	907.4	930.0	937.8	511.1	509.0	511.2	8
2.9	2.8	2.9	16.4	16.3	16.4	2.7	2.8	2.7	17.8	18.8	18.8	23.6	23.7	24.0	9
12.9	12.7	12.6	79.3	77.6	79.2	15.9	16.0	16.1	80.5	82.7	81.7	63.2	61.7	61.7	10
3.5	3.5	3.5	18.6	18.6	18.9	2.5	2.5	2.5	17.2	17.9	17.8	21.4	22.0	22.1	11
14.9	14.7	14.7	57.9	57.6	58.3	16.5	16.6	16.6	52.9	55.1	54.3	50.5	50.0	49.5	12
3.9	3.9	3.9	22.2	22.5	22.4	5.4	5.5	5.5	21.0	21.5	21.3	25.0	28.8	28.5	13
19.4	15.7	15.7	87.1	85.5	87.4	18.4	18.5	18.5	87.9	89.9	89.6	54.9	55.3	55.8	14
117.2	115.6	115.0	488.0	478.5	481.0	95.5	96.5	96.4	345.0	355.1	352.4	425.5	422.8	422.4	15
3.7	3.7	3.6	15.4	15.4	15.4	2.2	2.1	2.2	12.1	12.3	11.9	11.9	12.1	12.0	16
31.2	31.6	31.3	84.3	82.1	83.1	21.1	21.1	21.2	52.3	53.8	53.9	37.7	36.9	37.0	17
21.1	21.5	21.5	79.1	78.1	75.0	18.0	18.4	18.3	57.5	59.5	59.3	48.0	47.2	47.5	18
13.7	14.2	14.2	53.8	52.4	53.2	15.7	15.8	15.8	57.8	57.2	56.1	76.7	75.8	76.2	19
17.2	17.2	17.3	67.5	67.1	67.8	11.8	11.8	11.9	50.6	52.7	53.0	61.6	61.5	61.6	20
4.1	4.0	3.9	19.0	18.9	19.1	3.9	3.9	3.9	14.4	14.9	14.9	13.4	13.7	13.7	21
224.0	221.1	221.1	995.2	977.0	988.6	207.2	208.7	209.5	830.9	862.7	858.5	703.9	685.7	685.6	22
13.9	13.7	13.6	58.4	56.8	57.6	5.3	5.3	5.3	49.8	51.5	51.4	46.4	45.1	45.2	23
7.0	7.2	7.3	33.7	33.1	33.5	6.3	6.4	6.4	28.9	29.8	29.7	19.2	18.3	18.7	24
34.0	35.4	33.3	145.9	144.3	145.5	33.4	33.6	33.7	121.6	125.6	125.4	85.6	84.2	84.0	25
46.3	45.4	45.6	214.4	205.5	212.7	46.6	49.0	49.1	187.0	192.6	191.8	123.7	118.4	119.5	26
25.1	25.3	25.3	128.6	129.1	131.1	36.9	40.3	40.5	107.6	112.0	111.4	108.3	104.0	104.2	27
13.3	13.2	13.1	76.2	74.1	75.7	12.7	13.9	13.9	74.0	76.0	75.6	70.5	69.7	69.7	28
19.9	15.6	19.5	68.5	67.2	67.9	10.9	10.9	11.0	60.8	62.8	62.5	48.8	46.8	46.5	29
9.1	9.3	9.3	44.5	44.5	44.5	7.1	7.3	7.3	37.6	39.1	38.9	26.6	26.0	25.9	30
67.6	67.6	67.2	282.0	292.2	256.4	57.0	58.6	58.8	203.0	212.9	213.8	227.7	224.0	224.4	31
2.8	2.9	2.9	7.1	7.1	7.1	1.1	1.1	1.1	4.5	4.4	4.4	3.7	3.7	3.7	32
1.3	1.4	1.4	7.3	7.1	7.2	1.3	1.4	1.4	4.4	4.6	4.6	10.7	10.7	10.8	33
24.4	25.4	25.2	104.2	108.8	110.8	24.7	25.9	25.9	75.1	79.4	80.0	88.1	89.8	90.6	34
24.0	24.3	24.4	72.7	76.1	76.3	15.6	16.0	16.3	62.8	65.7	66.1	33.3	33.2	33.0	35
60.1	59.0	58.4	259.3	251.7	251.4	67.6	63.6	63.3	189.7	190.0	189.6	201.2	203.8	200.8	36
5.2	4.8	(*)	25.8	24.5	(*)	5.3	5.2	(*)	20.0	20.0	(*)	22.6	23.8	(*)	37
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
36.0	36.0	35.8	144.5	138.5	138.5	46.0	44.1	44.0	110.5	111.4	111.9	80.8	79.5	78.9	39
2.9	2.8	2.8	19.7	18.6	18.7	5.4	5.4	5.4	14.9	15.0	14.9	26.6	26.7	26.1	40
259.9	249.1	248.0	1,014.0	982.7	988.2	236.1	239.6	239.1	975.2	1,002.0	995.4	736.8	703.5	703.6	41
14.1	14.2	14.0	51.1	50.3	50.3	9.6	9.8	9.8	44.7	46.4	46.2	29.9	28.7	28.7	42
6.5	5.8	5.4	11.0	10.7	10.8	1.5	1.5	1.5	8.5	8.6	8.7	7.6	7.6	7.4	43
82.2	76.6	76.0	338.3	327.6	330.7	105.5	112.2	112.2	400.5	407.4	404.0	236.4	222.3	225.2	44
5.3	5.4	5.3	22.8	22.0	22.1	4.9	4.9	4.9	22.8	22.8	22.7	12.9	10.3	10.4	45
16.1	15.6	15.7	45.3	45.2	45.2	13.2	13.2	13.3	39.3	41.2	40.9	57.9	57.5	58.8	46
4.8	4.5	4.5	16.5	15.7	15.8	4.0	4.1	4.1	16.0	15.9	15.8	14.7	14.1	14.2	47
5.9	6.3	6.0	34.8	34.6	34.8	5.7	5.9	5.9	27.3	26.9	26.9	15.5	14.6	14.5	48
13.3	13.0	12.9	51.5	50.2	50.0	5.6	5.9	5.9	44.0	43.4	43.3	39.6	37.8	37.7	49
96.9	93.6	92.3	427.8	416.3	420.3	126.2	128.4	128.4	467.7	476.4	473.1	298.6	281.1	284.2	50
50.8	48.3	47.8	150.7	146.1	147.6	66.5	67.2	67.2	220.3	221.8	219.0	147.3	136.9	135.6	51
55.1	56.1	55.4	215.7	213.4	215.5	45.7	45.3	45.1	217.6	217.2	215.8	125.2	120.1	119.5	52
6.4	6.3	6.3	29.4	29.1	29.3	6.1	6.4	6.4	23.6	24.6	24.6	17.7	17.3	17.3	53
4.4	4.1	4.1	19.6	18.7	18.8	3.6	3.6	3.6	17.9	16.9	16.8	12.1	11.0	10.9	54
7.0	7.2	7.0	26.8	26.2	25.5	5.0	5.3	5.2	19.0	19.3	19.4	19.4	18.3	18.3	55
2.3	2.3	2.3	10.6	10.2	10.2	2.2	2.2	2.2	8.2	8.3	8.2	6.6	6.2	6.2	56
7.3	7.4	7.3	33.8	33.7	33.7	3.9	3.8	3.8	21.7	21.6	21.8	18.2	18.1	17.5	57
13.5	13.2	13.2	84.4	82.4	83.5	21.1	21.0	21.1	83.5	90.4	90.1	60.0	58.6	58.3	58
13.5	13.1	13.2	84.9	82.0	83.5	21.1	20.8	20.9	80.7	87.0	86.8	56.4	54.8	54.5	59
54.2	55.3	55.5	229.9	228.5	232.4	47.7	49.3	49.3	157.1	162.5	162.2	243.0	239.3	239.0	60
9.6	9.5	9.7	32.3	33.1	33.6	6.3	6.5	6.4	24.2	25.8	25.8	46.3	45.5	45.6	61
9.5	5.5	9.9	38.3	36.9	37.2	14.2	13.7	13.7	27.1	27.5	27.7	56.1	55.4	55.7	62
10.0	10.0	9.8	53.4	52.6	53.4	5.4	5.5	5.5	37.0	37.6	37.6	35.3	35.5	36.0	63

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1 SOUTH DAKOTA ³	237.2	227.1	235.8	2.7	3.0	2.9	9.4	9.7	8.5	25.5	26.2	25.9
2 Rapid City ³	30.9	31.1	30.7	(2)	(2)	(2)	1.8	1.7	1.5	2.8	2.8	2.7
3 Sioux Falls ³	55.2	54.9	55.0	(2)	(2)	(2)	2.4	2.3	1.8	7.7	7.4	7.5
4 TENNESSEE	1,736.8	1,715.3	1,706.3	9.8	11.0	10.9	73.1	72.6	70.4	506.1	507.3	498.0
5 Chattanooga	167.6	164.9	164.5	1.2	1.2	1.2	6.3	6.2	6.1	49.4	48.5	48.1
6 Knoxville	200.5	197.2	197.8	1.5	1.6	1.6	10.4	11.0	10.6	52.8	50.5	50.9
7 Memphis	356.0	356.1	355.4	.1	.2	.1	15.7	14.6	14.1	59.3	57.1	56.6
8 Nashville—Davidson	358.5	357.2	354.4	(1)	(1)	(1)	16.6	16.5	16.0	78.5	81.4	80.2
9 TEXAS	6,027.2	6,251.5	6,273.9	250.6	288.8	292.6	427.3	442.1	440.2	1,067.0	1,085.2	1,081.5
10 Abilene	56.6	59.0	55.0	4.3	4.6	4.7	2.9	3.2	3.2	5.7	6.5	6.0
11 Amarillo	75.6	77.6	78.2	(1)	(1)	(1)	4.0	5.0	5.0	10.1	9.8	9.7
12 Austin	245.2	252.3	252.6	(1)	(1)	(1)	13.9	13.4	13.5	30.7	31.6	31.5
13 Beaumont—Port Arthur Orange	155.5	153.0	153.0	(1)	(1)	(1)	12.1	11.4	10.8	43.5	43.4	44.3
14 Corpus Christi	124.6	129.1	129.2	6.4	6.3	6.3	12.8	15.1	15.0	16.3	16.6	16.6
15 Dallas—Fort Worth	1,457.4	1,537.6	1,545.2	25.9	29.4	29.5	86.3	87.6	87.7	321.1	322.0	320.9
16 El Paso	163.2	166.5	166.8	(1)	(1)	(1)	7.9	7.9	7.8	36.0	37.2	36.8
17 Galveston—Texas City	71.6	74.0	73.6	(1)	(1)	(1)	4.5	4.9	4.5	12.3	12.7	12.8
18 Houston	1,471.7	1,528.9	1,535.3	82.7	89.2	90.1	144.3	146.1	144.6	246.9	258.5	259.6
19 Longview—Marshall	65.3	66.3	66.5	(1)	(1)	(1)	4.7	4.4	4.3	19.1	19.6	19.5
20 Lubbock	90.4	90.6	91.0	(1)	(1)	(1)	4.1	4.1	4.1	12.5	11.7	11.6
21 Midland	43.7	47.6	47.5	11.0	13.0	13.1	2.9	2.9	2.9	3.9	3.8	3.8
22 Odessa	54.7	58.7	59.0	8.6	9.1	9.1	4.4	5.2	5.3	7.5	8.7	8.8
23 San Angelo	36.0	37.7	38.0	.9	.9	.9	2.2	2.3	2.3	6.3	6.3	6.2
24 San Antonio	404.7	408.5	410.5	2.6	3.2	3.3	29.1	28.2	27.8	51.6	53.4	53.2
25 Sherman—Denison	37.0	36.5	36.2	.2	.2	.2	1.8	1.7	1.7	13.2	12.7	12.3
26 Waco	73.2	74.1	74.2	(1)	(1)	(1)	3.7	3.2	3.2	16.8	17.2	17.1
27 Wichita Falls	53.7	54.9	54.8	3.4	3.7	3.7	2.4	2.7	2.6	9.8	10.4	10.3
28 UTAH ³	557.4	569.3	568.1	15.9	21.5	21.5	29.9	30.0	27.7	87.6	90.9	90.5
29 Salt Lake City—Ogden ³	393.1	398.2	398.6	7.8	8.1	8.1	19.9	19.3	18.0	60.2	62.1	62.2
30 VERMONT	203.9	201.9	203.4	.7	.7	.7	10.0	10.7	9.4	50.4	49.3	49.1
31 Burlington ¹⁴	55.0	59.6	60.2	-	-	-	-	-	-	15.0	15.8	15.9
32 Springfield ¹⁴	14.5	13.9	14.2	-	-	-	-	-	-	6.4	6.0	6.0
33 VIRGINIA ³	(*)	2,174.7	2,176.9	(*)	23.9	23.8	(*)	113.9	110.8	(*)	410.4	409.1
34 Bristol	25.2	29.1	29.1	(1)	(1)	(1)	1.4	1.3	1.2	9.5	9.3	9.3
35 Lynchburg	72.4	72.1	72.2	(1)	(1)	(1)	3.6	3.3	3.3	29.1	29.3	29.2
36 Newport News—Hampton	153.9	156.3	155.7	(1)	(1)	(1)	7.0	7.1	7.1	36.0	34.9	35.0
37 Norfolk—Virginia Beach—Portsmouth	286.0	292.5	293.5	(1)	(1)	(1)	15.3	16.3	16.1	29.2	29.7	29.6
38 Northern Virginia ¹⁵	435.7	444.9	445.7	.4	.4	.4	27.5	26.9	26.2	17.3	18.2	18.3
39 Petersburg—Colonial Hgts—Holyoke	47.7	46.4	46.4	(1)	(1)	(1)	2.4	2.2	2.1	12.1	11.1	10.9
40 Richmond	325.8	329.1	329.7	.4	.3	.3	16.2	15.8	15.2	56.2	55.9	55.4
41 Roanoke	105.2	102.6	102.6	.1	.1	.1	6.0	4.9	4.5	21.0	20.5	20.5
42 WASHINGTON	1,608.6	1,571.8	1,561.6	3.3	3.3	3.2	50.2	51.7	48.1	301.3	292.9	286.1
43 Seattle—Everett	758.0	770.8	770.6	(1)	(1)	(1)	38.9	36.0	34.6	175.0	164.5	163.5
44 Spokane	127.7	124.4	123.5	(1)	(1)	(1)	5.6	5.4	4.8	16.3	16.3	15.9
45 Tacoma	141.9	140.0	139.2	(1)	(1)	(1)	6.9	6.5	6.2	22.0	22.2	22.2
46 WEST VIRGINIA	650.1	632.2	628.0	65.9	67.4	67.0	34.8	28.2	24.6	117.1	110.9	108.8
47 Charleston	116.7	112.6	112.5	6.8	6.7	6.7	6.5	5.3	4.7	17.6	17.0	16.9
48 Huntington—Ashland	104.8	104.8	104.4	1.1	1.1	1.1	5.1	4.0	3.4	26.5	25.8	25.7
49 Parkersburg—Marietta	58.3	57.6	56.8	.9	.9	.9	3.4	3.0	2.6	16.7	16.5	16.4
50 Wheeling	65.6	65.0	64.7	5.4	5.4	5.4	2.8	2.2	1.5	11.8	12.2	12.0
51 WISCONSIN	1,555.3	1,557.9	1,540.0	2.4	2.2	1.8	68.8	68.1	62.4	546.4	535.2	531.0
52 Appleton—Oshkosh	125.9	127.0	125.7	(1)	(1)	(1)	6.3	5.4	5.2	45.5	46.5	46.3
53 Eau Claire	45.3	49.7	45.2	(1)	(1)	(1)	1.9	2.3	2.1	9.0	8.6	8.6
54 Green Bay	78.6	79.3	78.9	(1)	(1)	(1)	3.1	2.7	2.5	21.1	21.5	21.0
55 Janesville—Beloit	52.8	48.8	45.0	(1)	(1)	(1)	2.3	1.6	1.4	20.6	17.2	17.5
56 Kenosha	42.8	42.0	41.3	(1)	(1)	(1)	2.0	1.8	1.7	16.5	16.5	15.8
57 La Crosse	46.7	47.6	47.6	(1)	(1)	(1)	1.6	1.6	1.4	10.7	10.7	10.7
58 Madison	173.7	174.6	173.4	(1)	(1)	(1)	6.6	7.0	6.3	19.6	20.5	20.3
59 Milwaukee	681.9	671.9	668.7	(1)	(1)	(1)	21.2	21.4	19.6	202.4	193.8	193.2
60 Racine	68.6	67.5	66.5	(1)	(1)	(1)	1.8	1.5	1.3	29.2	28.6	28.0
61 WYOMING ³	213.4	216.2	214.3	36.6	39.3	39.4	20.0	18.5	17.0	10.0	10.6	10.5
62 Casper ³	40.8	41.0	41.1	7.8	7.9	7.8	3.4	3.4	3.0	1.9	2.1	2.1
63 Cheyenne	30.9	30.9	30.4	(1)	(1)	(1)	2.2	1.7	1.6	1.6	1.4	1.2

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B.8. Employees on nonagricultural payrolls 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			
DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	
13.4	12.9	13.0	64.9	64.2	64.7	11.2	11.3	11.3	50.5	51.1	50.3	59.6	58.7	55.2	1
1.9	1.5	1.9	9.0	8.7	8.5	1.6	1.5	1.5	6.7	7.0	7.0	7.1	7.5	7.6	2
4.9	4.6	4.6	16.6	16.0	16.3	3.4	3.5	3.5	13.4	14.1	14.2	6.8	7.0	7.1	3
84.0	81.6	80.8	382.8	370.4	373.7	77.8	75.1	74.9	286.0	300.3	299.6	317.2	301.0	298.0	4
7.2	7.2	7.2	32.7	22.5	22.7	5.4	9.3	9.2	27.7	27.3	27.3	33.7	32.7	32.7	5
8.1	8.1	8.1	42.2	43.1	43.9	8.1	8.1	8.1	31.1	32.1	32.0	46.3	42.7	42.6	6
26.9	26.5	26.5	99.0	95.1	100.4	15.2	19.2	19.1	72.7	74.9	74.5	66.1	64.5	64.1	7
19.0	18.8	18.8	81.7	78.2	78.1	24.5	25.8	23.9	73.4	76.2	75.1	64.8	62.3	62.3	8
270.3	244.8	238.9	1,475.8	1,535.8	1,562.0	247.3	356.7	357.9	1,042.9	1,099.4	1,096.2	1,046.0	1,053.7	1,054.6	9
3.2	3.3	3.3	16.2	16.6	16.6	2.6	2.8	2.9	12.3	12.8	12.7	9.6	9.5	9.6	10
7.2	7.3	7.3	22.7	23.0	23.7	3.7	3.7	3.7	15.0	16.0	16.1	12.9	12.8	12.7	11
7.3	7.4	7.3	53.4	56.0	56.7	14.9	15.3	15.4	43.9	46.4	46.1	81.1	82.2	82.1	12
11.6	11.8	11.6	35.0	33.2	33.4	5.5	5.9	5.9	26.9	28.0	27.8	20.9	19.3	19.2	13
7.7	7.0	7.2	28.7	25.6	25.9	5.2	5.4	5.4	21.4	22.3	22.4	26.1	26.6	26.4	14
95.4	98.0	98.5	406.2	414.9	422.3	112.4	117.1	117.7	261.8	284.5	284.2	188.3	184.1	184.5	15
11.1	11.0	11.0	39.5	39.9	40.7	7.4	7.7	7.7	25.0	25.0	25.0	36.3	37.8	37.8	16
6.8	7.2	7.1	14.0	14.6	14.8	4.7	4.8	4.8	11.1	11.6	11.4	18.2	18.2	18.2	17
103.4	107.5	105.6	357.7	366.0	368.4	85.9	93.9	94.3	281.7	299.4	300.3	165.1	168.3	168.4	18
3.6	3.5	3.6	15.0	14.9	15.1	2.4	2.4	2.4	13.1	13.6	13.7	7.4	7.9	7.9	19
5.1	5.0	5.2	27.5	27.3	27.9	4.8	4.9	4.9	16.9	17.4	17.4	19.5	20.2	19.9	20
2.4	2.6	2.6	10.0	10.5	10.7	2.4	2.8	2.8	6.4	7.2	7.3	4.7	4.8	4.7	21
2.5	2.5	2.5	16.5	17.4	17.5	2.0	2.1	2.1	6.8	7.3	7.3	6.4	6.4	6.4	22
3.3	3.7	3.6	8.7	9.1	9.3	1.5	1.6	1.7	6.7	7.2	7.3	6.4	6.6	6.7	23
18.5	19.6	19.7	100.8	99.1	101.1	27.6	27.8	27.9	80.3	82.5	82.7	94.2	94.7	94.8	24
2.4	2.5	2.5	7.2	7.2	7.3	1.3	1.3	1.3	5.9	6.0	6.0	5.0	4.9	4.9	25
3.5	3.5	3.6	17.7	18.3	18.5	4.2	4.3	4.3	15.5	16.0	15.9	11.8	11.6	11.6	26
2.7	2.7	2.7	13.8	13.6	13.8	2.3	2.4	2.4	8.2	8.3	8.3	11.1	11.1	11.0	27
33.6	35.0	34.9	134.2	133.8	135.7	26.1	26.4	26.6	101.4	105.2	105.7	124.5	126.5	125.6	28
26.6	27.4	27.4	100.6	99.6	100.9	21.0	21.3	21.4	68.6	70.4	71.1	88.4	90.1	89.6	29
8.7	8.9	8.8	41.9	42.5	42.9	8.2	8.2	8.3	45.7	43.4	45.6	38.3	38.2	38.6	30
2.3	2.4	2.4	12.2	12.2	12.4	-	-	-	12.4	12.4	12.6	-	-	-	31
.7	.7	.7	2.1	2.1	2.1	-	-	-	2.6	2.3	2.6	-	-	-	32
(*)	117.6	117.8	(*)	475.1	483.0	(*)	105.8	105.8	(*)	416.0	414.1	(*)	511.9	512.5	33
1.2	1.3	1.3	7.0	7.1	7.2	1.0	1.0	1.0	3.8	3.8	3.8	5.3	5.3	5.2	34
2.7	2.6	2.6	11.8	11.4	11.6	3.8	3.6	3.6	11.0	11.1	11.2	10.4	10.8	10.7	35
5.1	5.3	5.3	29.6	30.7	30.9	5.0	5.0	5.0	28.2	30.7	30.0	43.0	42.6	42.4	36
18.8	19.6	19.6	71.3	73.8	74.8	14.5	14.7	14.7	55.5	57.6	57.7	81.4	80.8	81.0	37
29.3	28.5	28.3	103.0	104.1	106.5	27.2	28.0	27.9	113.7	116.1	115.5	121.3	122.7	122.6	38
1.5	1.4	1.5	8.4	8.4	8.6	1.3	1.2	1.3	6.5	6.8	6.7	15.5	15.3	15.3	39
19.8	20.2	20.2	75.8	74.5	76.1	26.9	26.5	26.5	59.1	61.1	61.6	75.4	74.4	74.4	40
9.6	9.6	9.5	26.5	25.9	26.3	6.2	6.1	6.1	19.7	19.9	20.0	16.1	15.6	15.6	41
90.6	86.5	86.4	390.0	380.5	384.2	52.2	91.9	91.9	309.1	314.3	313.3	331.9	320.7	318.4	42
53.7	52.1	51.9	194.2	188.0	190.5	57.5	58.1	58.3	156.8	157.4	157.6	121.9	114.7	114.2	43
7.9	7.6	7.6	35.8	34.4	34.5	8.3	8.0	8.1	29.8	30.4	30.4	24.0	22.3	22.2	44
6.9	7.0	7.1	33.8	33.3	33.4	7.3	7.3	7.3	31.5	31.7	31.4	33.5	32.0	31.6	45
43.0	43.2	43.0	133.9	133.1	134.7	22.3	22.0	22.0	99.2	98.4	98.3	134.0	129.1	129.6	46
9.8	9.5	9.5	27.8	26.6	27.0	5.0	5.0	5.0	20.3	20.6	20.7	22.8	21.8	21.9	47
9.8	10.2	10.1	24.5	25.6	26.0	3.8	3.7	3.6	15.1	15.4	15.3	15.0	19.1	19.1	48
2.5	2.5	2.5	13.2	12.9	13.1	2.1	2.1	2.1	10.0	10.0	9.5	9.5	9.6	9.6	49
3.9	3.8	3.8	15.9	15.5	15.7	2.8	2.8	2.8	13.7	13.8	13.9	9.2	9.3	9.2	50
94.6	91.4	91.0	452.6	453.3	450.3	94.6	96.2	96.2	372.4	383.4	384.2	327.6	324.2	323.1	51
4.4	4.5	4.4	26.4	26.8	26.2	5.5	5.6	5.6	21.0	21.9	21.9	16.9	16.4	16.2	52
2.6	2.5	2.5	13.0	13.5	13.5	1.6	1.6	1.6	10.1	10.4	10.3	11.0	10.8	10.7	53
5.9	6.1	6.0	20.2	20.2	20.5	2.4	2.4	2.4	15.5	16.1	16.0	10.3	10.4	10.4	54
2.1	2.2	2.2	11.3	11.1	11.1	1.4	1.4	1.4	8.2	8.4	8.3	6.9	7.0	7.2	55
1.2	1.2	1.1	8.3	8.2	8.1	1.1	1.1	1.1	7.8	7.7	7.8	5.9	5.7	5.7	56
2.3	2.2	2.2	12.7	12.7	12.7	1.1	1.1	1.1	10.6	11.4	11.4	7.8	7.8	8.0	57
6.5	6.5	6.6	38.5	38.9	38.9	12.9	13.0	13.0	31.5	33.0	32.9	58.0	55.8	55.5	58
35.2	33.9	33.8	150.0	146.5	146.6	39.7	40.1	40.2	146.6	151.1	150.5	86.9	84.7	84.8	59
2.3	2.3	2.4	12.9	12.7	12.5	2.2	2.2	2.1	11.3	11.2	11.1	8.9	9.1	9.1	60
17.4	17.7	17.8	47.2	49.7	49.8	7.4	7.5	7.5	29.5	30.1	30.2	45.3	42.8	42.1	61
2.8	2.9	2.9	12.0	10.8	11.2	1.7	1.6	1.8	5.6	5.8	5.8	5.6	6.3	6.5	62
4.6	4.4	4.1	7.2	7.3	7.4	1.6	1.5	1.6	4.8	5.7	5.5	8.9	8.9	8.5	63

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls for States and selected areas by industry division—Continued

(In thousands)

State and area	Total			Mining			Construction			Manufacturing		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
1 PUERTO RICO	(*)	(*)	(*)	.9	.8	.8	36.7	28.7	27.1	(*)	(*)	(*)
2 Caguas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
3 Mayaguez	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
4 Ponce	(*)	(*)	(*)	(*)	(*)	(*)	3.2	1.8	1.9	(*)	(*)	(*)
5 San Juan	(*)	(*)	(*)	(*)	(*)	(*)	25.2	21.0	19.9	(*)	(*)	(*)
6 VIRGIN ISLANDS	36.9	35.4	35.7	(2)	(2)	(2)	3.3	2.8	2.5	3.1	2.9	2.8

¹ Combined with services.
² Combined with construction.
³ Employment data adjusted to March 1981 benchmark.
⁴ Area included in Chicago-Gary Standard Consolidated Statistical Area.
⁵ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
⁶ Subarea of New York—Northeastern New Jersey.
⁷ Subarea of Rochester Standard Metropolitan Statistical Area.
⁸ Area included in New York and Nassau-Suffolk combined SMSA's.
⁹ Subarea of New York Standard Metropolitan Statistical Area.
¹⁰ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
¹¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical

Area: Philadelphia County.
¹² Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
¹³ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
¹⁴ Total includes data for industry divisions not shown separately.
¹⁵ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
 p = preliminary.
 * Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	DEC. 1980	NCV. 1981	DEC. 1981P	
18.2	18.4	18.9	122.2	109.2	112.3	27.9	28.5	28.3	85.4	83.1	83.4	263.5	226.6	225.9	1
(*)	(*)	(*)	6.1	5.0	5.5	(*)	(*)	(*)	(*)	(*)	(*)	12.4	10.8	10.8	2
(*)	(*)	(*)	6.4	5.7	5.8	(*)	(*)	(*)	(*)	(*)	(*)	15.8	15.6	15.6	3
(*)	(*)	(*)	9.0	6.9	7.4	(*)	(*)	(*)	7.2	6.6	6.6	18.8	17.2	17.2	4
14.0	14.5	15.1	77.1	69.1	70.9	20.9	21.3	21.3	59.5	58.7	58.4	124.9	117.7	117.5	5
2.0	2.0	2.0	7.5	7.2	7.5	1.5	1.5	1.5	6.0	5.7	5.8	13.5	13.3	13.6	6

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
-	TOTAL PRIVATE	\$247.06	\$246.75	\$261.85	\$261.89	\$253.76	\$6.94	\$7.03	\$7.46	\$7.44	\$7.53
-	MINING	422.04	425.97	461.61	466.37	448.59	9.57	9.77	10.42	10.41	10.58
10	METAL MINING	454.20	444.04	486.81	495.26	-	10.84	10.91	12.14	12.05	-
101	Iron ores	459.65	428.65	504.32	515.75	-	11.52	11.37	12.80	12.61	-
102	Copper ores	496.32	488.75	505.93	518.93	-	11.28	11.50	12.25	12.21	-
11, 12	COAL MINING	456.96	456.85	522.06	530.24	-	11.20	11.17	12.43	12.36	-
12	BITUMINOUS COAL AND LIGNITE MINING	458.18	458.08	522.07	531.53	-	11.23	11.20	12.46	12.39	-
13	OIL AND GAS EXTRACTION	415.77	423.62	448.60	451.55	-	8.98	9.29	9.71	9.69	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	418.91	439.74	460.51	461.89	-	10.07	10.52	11.07	11.05	-
138	Oil and gas field services	414.34	417.88	445.04	448.29	-	8.65	8.91	9.33	9.32	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	347.25	342.93	365.08	368.92	-	7.91	8.05	8.51	8.52	-
142	Crushed and broken stone	334.80	322.15	355.93	358.05	-	7.44	7.58	8.22	8.01	-
-	CONSTRUCTION	384.28	379.29	411.44	414.03	386.44	10.33	10.42	11.12	11.19	11.57
15	GENERAL BUILDING CONTRACTORS	343.40	337.84	363.64	364.25	-	9.46	9.49	9.99	10.09	-
152	Residential building construction	319.15	315.50	331.72	327.01	-	8.99	9.04	9.24	9.29	-
153	Operative builders	301.39	298.80	291.81	290.02	-	8.19	8.30	8.22	8.53	-
154	Nonresidential building construction	370.63	362.00	399.63	404.04	-	9.99	10.00	10.83	10.92	-
16	HEAVY CONSTRUCTION CONTRACTORS	386.16	382.31	442.13	439.68	-	9.63	9.63	10.89	10.75	-
161	Highway and street construction	344.20	337.95	390.17	369.87	-	8.67	8.47	9.73	9.27	-
162	Heavy construction, except highway	402.60	396.40	462.99	462.68	-	9.99	10.01	11.32	11.23	-
17	SPECIAL TRADE CONTRACTORS	404.42	399.08	422.44	429.12	-	11.08	11.21	11.80	11.92	-
171	Plumbing, heating, air conditioning	427.43	425.62	434.90	451.27	-	11.16	11.23	11.85	11.97	-
172	Painting, paper hanging, decorating	352.25	356.02	363.20	361.05	-	10.21	10.41	10.62	10.81	-
173	Electrical work	479.80	473.37	489.88	515.52	-	12.43	12.49	13.24	13.39	-
174	Masonry, stonework, and plastering	366.58	355.88	389.30	379.14	-	10.75	10.85	11.45	11.42	-
175	Carpentering and flooring	342.66	321.36	358.42	365.02	-	9.99	9.98	10.48	10.37	-
176	Roofing and sheet metal work	316.77	291.54	359.49	329.39	-	9.57	9.59	10.42	10.49	-
-	MANUFACTURING	314.16	308.43	324.72	329.18	308.38	7.70	7.73	8.20	8.25	8.38
24, 25, 32-39	DURABLE GOODS	341.55	332.49	350.00	355.52	331.36	8.23	8.23	8.75	8.80	8.86
20-23, 26-31	NONDURABLE GOODS	274.91	273.22	288.95	292.79	275.30	6.89	6.97	7.39	7.45	7.69
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	267.58	263.45	268.84	273.46	249.04	6.74	6.79	7.15	7.14	7.39
241	Logging camps and logging contractors	323.67	327.24	362.88	343.91	-	8.54	8.68	9.45	9.22	-
242	Sawmills and planing mills	283.50	280.59	274.13	280.39	-	7.00	7.05	7.31	7.34	-
2421	Sawmills and planing mills, general	298.82	296.46	286.84	294.90	-	7.36	7.43	7.69	7.72	-
2426	Hardwood dimension and flooring	197.96	195.72	200.20	201.49	-	4.90	4.93	5.20	5.22	-
243	Millwork, plywood, and structural members	266.00	260.63	259.93	269.89	-	6.65	6.70	6.95	7.01	-
2431	Millwork	266.79	256.70	276.14	282.80	-	6.62	6.72	7.21	7.27	-
2434	Wood kitchen cabinets	238.39	233.25	232.25	237.38	-	6.16	6.09	6.26	6.33	-
2435	Hardwood veneer and plywood	219.03	212.00	212.14	221.84	-	5.24	5.30	5.51	5.56	-
2436	Softwood veneer and plywood	321.05	326.36	298.78	320.95	-	8.19	8.20	8.44	8.38	-
244	Wood containers	198.60	196.51	211.63	215.60	-	5.24	5.34	5.54	5.60	-
245	Wood buildings and mobile homes	232.13	219.04	229.55	234.12	-	6.24	6.17	6.54	6.67	-
2451	Mobile homes	228.17	212.71	225.98	237.54	-	6.15	6.06	6.42	6.58	-
249	Miscellaneous wood products	231.49	227.93	241.35	249.29	-	5.66	5.67	6.11	6.11	-
25	FURNITURE AND FIXTURES	225.72	217.55	230.12	236.68	201.83	5.70	5.71	6.04	6.10	6.21
251	Household furniture	209.61	200.56	210.00	217.16	-	5.32	5.32	5.60	5.67	-
2511	Wood household furniture	194.13	187.94	199.82	202.54	-	4.89	4.92	5.19	5.22	-
2512	Upholstered household furniture	226.37	208.99	217.07	231.34	-	5.76	5.71	5.98	6.12	-
2514	Metal household furniture	213.79	210.27	229.88	231.08	-	5.51	5.49	5.94	5.91	-
2515	Mattresses and bedspings	222.05	222.46	214.79	226.44	-	5.89	5.98	6.19	6.29	-
252	Office furniture	254.61	246.14	264.37	270.68	-	6.21	6.20	6.56	6.57	-
253	Public building and related furniture	247.23	246.54	271.95	284.12	-	6.15	6.21	6.85	7.05	-
254	Partitions and fixtures	271.44	268.03	276.10	282.08	-	6.96	6.98	7.19	7.27	-
259	Miscellaneous furniture and fixtures	258.08	244.48	273.83	269.40	-	6.42	6.40	6.95	6.89	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls
by industry—Continued**

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
-	TOTAL PRIVATE	35.6	35.1	35.1	35.2	33.7	-	-	-	-	-
-	MINING	44.1	43.6	44.3	44.8	42.4	-	-	-	-	-
10	METAL MINING	41.9	40.7	40.1	41.1	-	-	-	-	-	-
101	Iron ores	39.9	37.7	39.4	40.9	-	-	-	-	-	-
102	Copper ores	44.0	42.5	41.3	42.5	-	-	-	-	-	-
11, 12	COAL MINING	40.8	40.9	42.0	42.9	-	-	-	-	-	-
12	BITUMINOUS COAL AND LIGNITE MINING	40.8	40.9	41.9	42.9	-	-	-	-	-	-
13	OIL AND GAS EXTRACTION	46.3	45.6	46.2	46.6	-	-	-	-	-	-
131, 2	Crude petroleum, natural gas, and natural gas liquids	41.6	41.8	41.6	41.8	-	-	-	-	-	-
138	Oil and gas field services	47.9	46.9	47.7	48.1	-	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.9	42.6	42.9	43.3	-	-	-	-	-	-
142	Crushed and broken stone	45.0	42.5	43.3	44.7	-	-	-	-	-	-
-	CONSTRUCTION	37.2	36.4	37.0	37.0	33.4	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	36.3	35.6	36.4	36.1	-	-	-	-	-	-
152	Residential building construction	35.5	34.9	35.9	35.2	-	-	-	-	-	-
153	Operative builders	36.8	36.0	35.5	34.0	-	-	-	-	-	-
154	Nonresidential building construction	37.1	36.2	36.9	37.0	-	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS	40.1	39.7	40.6	40.9	-	-	-	-	-	-
161	Highway and street construction	39.7	39.9	40.1	39.9	-	-	-	-	-	-
162	Heavy construction, except highway	40.3	39.6	40.9	41.2	-	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	36.5	35.6	35.8	36.0	-	-	-	-	-	-
171	Plumbing, heating, air conditioning	38.3	37.9	36.7	37.7	-	-	-	-	-	-
172	Painting, paper hanging, decorating	34.5	34.2	34.2	33.4	-	-	-	-	-	-
173	Electrical work	38.6	37.9	37.0	38.5	-	-	-	-	-	-
174	Masonry, stonework, and plastering	34.1	32.8	34.0	33.2	-	-	-	-	-	-
175	Carpentering and flooring	34.3	32.2	34.2	35.2	-	-	-	-	-	-
176	Roofing and sheet metal work	33.1	30.4	34.5	31.4	-	-	-	-	-	-
-	MANUFACTURING	40.8	39.9	39.6	39.9	36.8	3.3	2.9	2.6	2.6	2.2
24, 25, 32-39	DURABLE GOODS	41.5	40.4	40.0	40.4	37.4	3.4	2.9	2.5	2.6	2.0
20-23, 26-31	NONDURABLE GOODS	39.9	39.2	39.1	39.3	35.8	3.1	2.9	2.8	2.7	2.4
	DURABLE GOODS										
24	LUMBER AND WOOD PRODUCTS	39.7	38.8	37.6	38.3	33.7	3.1	2.7	2.2	2.2	-
241	Logging camps and logging contractors	37.9	37.7	38.4	37.3	-	3.6	3.6	3.6	2.9	-
242	Sawmills and planing mills	40.5	39.8	37.5	38.2	-	3.7	3.2	2.5	2.7	-
2421	Sawmills and planing mills, general	40.6	39.9	37.3	38.2	-	3.9	3.4	2.6	2.9	-
2426	Hardwood dimension and flooring	40.4	39.7	38.5	38.6	-	3.1	2.6	2.1	1.5	-
243	Millwork, plywood, and structural members	40.0	38.9	37.4	38.5	-	2.9	2.4	1.6	1.7	-
2431	Millwork	40.3	38.2	38.3	38.9	-	2.6	1.9	1.1	1.1	-
2434	Wood kitchen cabinets	38.7	38.3	37.1	37.5	-	1.8	1.7	1.3	1.6	-
2435	Hardwood veneer and plywood	41.8	40.0	38.5	39.9	-	3.9	3.3	2.1	2.1	-
2436	Softwood veneer and plywood	39.2	39.8	35.4	38.3	-	3.7	3.5	1.9	2.2	-
244	Wood containers	37.9	36.8	38.2	38.5	-	2.0	1.7	2.2	1.9	-
245	Wood buildings and mobile homes	37.2	35.5	35.1	35.1	-	1.8	1.3	.8	.8	-
2451	Mobile homes	37.1	35.1	35.2	36.1	-	1.6	1.1	.7	.8	-
249	Miscellaneous wood products	40.9	40.2	39.5	40.8	-	3.2	2.7	2.4	2.3	-
25	FURNITURE AND FIXTURES	39.6	38.1	38.1	38.8	32.5	2.2	1.9	1.5	1.8	-
251	Household furniture	39.4	37.7	37.5	38.3	-	2.1	1.7	1.3	1.5	-
2511	Wood household furniture	39.7	38.2	38.5	38.8	-	2.1	1.8	1.6	1.6	-
2512	Upholstered household furniture	39.3	36.6	36.3	37.8	-	1.9	1.1	.9	1.5	-
2514	Metal household furniture	38.8	38.3	38.7	39.1	-	2.5	3.0	1.7	1.7	-
2515	Mattresses and bedspings	37.7	37.2	34.7	36.0	-	1.9	1.8	1.0	.9	-
252	Office furniture	41.0	39.7	40.3	41.2	-	3.1	2.7	2.5	3.3	-
253	Public building and related furniture	40.2	39.7	39.7	40.3	-	3.2	3.1	1.7	3.1	-
254	Partitions and fixtures	39.0	38.4	38.4	38.8	-	2.3	2.0	1.9	2.0	-
259	Miscellaneous furniture and fixtures	40.2	38.2	39.4	39.1	-	1.8	1.0	1.1	1.3	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	\$325.73	\$317.16	\$345.87	\$343.71	\$319.43	\$7.83	\$7.87	\$8.54	\$8.55	\$8.61
321	Flat glass	486.74	431.53	467.60	474.75	-	10.49	10.25	11.16	11.25	-
322	Glass and glassware, pressed or blown	340.31	340.71	367.11	366.02	-	8.28	8.31	9.02	9.06	-
3221	Glass containers	362.82	366.24	384.34	383.93	-	8.68	8.72	9.42	9.41	-
3229	Pressed and blown glass, nec	309.94	306.48	343.85	342.74	-	7.71	7.72	8.49	8.59	-
323	Products of purchased glass	284.56	285.42	302.94	303.91	-	6.89	7.03	7.65	7.56	-
324	Cement, hydraulic	469.88	458.70	528.28	510.98	-	11.03	11.00	12.43	12.08	-
325	Structural clay products	259.03	254.38	279.20	274.13	-	6.38	6.44	6.98	6.94	-
326	Pottery and related products	262.42	264.77	275.41	278.64	-	6.61	6.72	6.99	7.20	-
327	Concrete, gypsum, and plaster products	322.40	306.53	341.50	336.40	-	7.75	7.78	8.37	8.41	-
3271	Concrete block and brick	303.46	289.04	315.00	307.93	-	6.96	7.19	7.50	7.66	-
3272	Concrete products, nec	292.07	281.07	310.50	311.47	-	6.84	6.94	7.50	7.56	-
3273	Ready-mixed concrete	340.89	321.90	366.56	355.58	-	8.63	8.63	9.21	9.26	-
329	Misc. nonmetallic mineral products	324.52	317.70	340.57	341.70	-	7.69	7.73	8.43	8.50	-
3291	Abrasive products	314.18	300.85	328.84	329.67	-	7.41	7.41	8.18	8.10	-
3292	Asbestos products	322.70	322.26	330.33	334.38	-	7.72	7.86	8.47	8.53	-
33	PRIMARY METAL INDUSTRIES	430.98	425.80	440.67	439.16	423.32	10.36	10.36	11.10	11.09	11.14
331	Blast furnace and basic steel products	486.37	484.38	509.98	504.50	-	11.95	11.96	13.11	13.07	-
3312	Blast furnaces and steel mills	502.61	499.72	526.30	520.28	-	12.41	12.40	13.67	13.62	-
3317	Steel pipe and tubes	403.66	408.94	429.72	426.40	-	9.68	9.76	10.43	10.40	-
332	Iron and steel foundries	373.01	361.97	357.49	358.16	-	8.86	8.85	9.19	9.16	-
3321	Gray iron foundries	385.05	368.83	363.17	360.21	-	9.06	9.04	9.36	9.26	-
3322	Malleable iron foundries	384.50	376.94	370.02	368.48	-	9.31	9.40	9.92	9.80	-
3325	Steel foundries, nec	349.43	344.83	343.09	356.00	-	8.42	8.39	8.73	8.90	-
333	Primary nonferrous metals	477.70	472.76	517.51	521.20	-	11.32	11.31	12.47	12.38	-
3334	Primary aluminum	515.73	499.20	537.95	549.41	-	12.25	12.00	13.25	13.05	-
335	Nonferrous rolling and drawing	410.83	404.12	408.87	405.14	-	9.51	9.42	9.90	9.93	-
3351	Copper rolling and drawing	360.86	366.21	348.02	349.32	-	8.22	8.38	8.53	8.52	-
3353	Aluminum sheet, plate, and foil	524.78	501.56	538.48	514.08	-	11.74	11.53	12.70	12.82	-
3357	Nonferrous wire drawing and insulating	380.03	378.38	378.81	377.51	-	8.90	8.82	9.15	9.23	-
336	Nonferrous foundries	322.51	312.73	328.43	337.02	-	7.79	7.76	8.17	8.22	-
3361	Aluminum foundries	336.88	326.38	338.12	348.59	-	8.04	7.98	8.39	8.42	-
34	FABRICATED METAL PRODUCTS	327.81	318.76	337.20	345.47	323.19	7.88	7.89	8.43	8.53	8.55
341	Metal cans and shipping containers	461.44	449.36	487.88	510.27	-	10.30	10.33	11.19	11.39	-
3411	Metal cans	482.76	463.28	509.08	539.52	-	10.61	10.65	11.57	11.78	-
342	Cutlery, hand tools, and hardware	304.16	295.18	314.41	319.14	-	7.51	7.53	7.98	8.10	-
3423, 5	Hand and edge tools, and hand saws and blades	285.60	285.98	301.36	306.83	-	7.14	7.24	7.61	7.69	-
3429	Hardware, nec	324.79	310.44	325.36	329.94	-	7.98	7.96	8.30	8.46	-
343	Plumbing and heating, except electric	283.97	271.44	291.78	296.35	-	6.96	6.96	7.52	7.56	-
3432	Plumbing fittings and brass goods	277.28	271.89	274.18	283.58	-	6.73	6.73	7.14	7.29	-
3433	Heating equipment, except electric	272.56	261.44	292.04	300.75	-	6.78	6.88	7.45	7.50	-
344	Fabricated structural metal products	315.12	307.53	335.76	346.47	-	7.63	7.65	8.27	8.43	-
3441	Fabricated structural metal	335.02	328.68	353.87	365.79	-	7.92	7.92	8.61	8.73	-
3442	Metal doors, sash, and trim	251.53	240.95	259.90	264.99	-	6.18	6.21	6.63	6.76	-
3443	Fabricated plate work (boiler shops)	352.37	346.90	378.07	385.98	-	8.43	8.42	9.11	9.19	-
3444	Sheet metal work	306.80	302.25	330.34	343.76	-	7.67	7.75	8.30	8.53	-
3446	Architectural metal work	296.90	285.32	327.47	336.18	-	7.12	7.08	7.76	7.91	-
345	Screw machine products, bolts, etc.	305.44	302.33	318.79	321.59	-	7.36	7.41	7.93	7.98	-
3451	Screw machine products	269.33	268.60	295.54	295.47	-	6.75	6.80	7.37	7.35	-
3452	Bolts, nuts, rivets, and washers	340.13	335.54	341.30	347.84	-	7.91	7.97	8.49	8.61	-
346	Metal forgings and stampings	389.58	373.11	379.20	384.64	-	9.21	9.19	9.60	9.64	-
3462	Iron and steel forgings	397.55	393.60	415.90	418.82	-	9.72	9.84	10.32	10.24	-
3465	Automotive stampings	492.31	465.15	451.56	459.39	-	11.24	11.29	11.49	11.63	-
3469	Metal stampings, nec	291.07	279.90	297.44	301.36	-	6.98	6.98	7.53	7.61	-
347	Metal services, nec	263.13	257.86	262.64	269.68	-	6.31	6.32	6.70	6.81	-
3471	Plating and polishing	253.53	247.95	261.19	266.74	-	6.26	6.23	6.68	6.77	-
3479	Metal coating and allied services	284.60	279.07	265.56	275.20	-	6.41	6.49	6.74	6.88	-
348	Ordinance and accessories, nec	323.70	323.79	343.20	358.52	-	7.80	7.84	8.58	8.66	-
3483	Ammunition, exc. for small arms, nec	288.05	283.01	311.65	317.52	-	7.06	7.04	7.87	7.84	-
349	Misc. fabricated metal products	306.36	298.69	316.40	323.60	-	7.40	7.43	8.01	8.09	-
3494	Valves and pipe fittings	329.55	320.31	342.05	345.02	-	7.86	7.87	8.53	8.54	-
3496	Misc. fabricated wire products	272.30	261.88	269.10	274.71	-	6.53	6.58	6.90	6.99	-
35	MACHINERY, EXCEPT ELECTRICAL	358.70	351.44	372.19	382.30	358.94	8.50	8.53	9.10	9.19	9.18
351	Engines and turbines	429.52	419.58	444.24	459.68	-	10.40	10.36	11.19	11.35	-
3511	Turbines and turbine generator sets	411.52	408.20	428.70	427.24	-	9.66	9.86	10.33	10.37	-
3519	Internal combustion engines, nec	436.40	423.31	449.26	471.51	-	10.67	10.53	11.49	11.70	-
352	Farm and garden machinery	390.73	389.63	386.31	396.77	-	9.53	9.48	9.78	9.87	-
3523	Farm machinery and equipment	412.67	411.42	401.88	419.35	-	9.92	9.89	10.20	10.38	-
353	Construction and related machinery	388.88	381.47	414.75	424.95	-	9.15	9.17	9.97	10.07	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
32	STONE, CLAY, AND GLASS PRODUCTS	41.6	40.3	40.5	40.2	37.1	3.9	3.5	3.6	3.3	-
321	Flat glass	46.4	42.1	41.9	42.2	-	4.5	3.9	3.0	2.9	-
322	Glass and glassware, pressed or blown	41.1	41.0	40.7	40.4	-	4.0	3.8	4.2	4.3	-
3221	Glass containers	41.8	42.0	40.8	40.8	-	4.6	4.3	5.0	5.0	-
3229	Pressed and blown glass, nec	40.2	39.7	40.5	39.9	-	3.2	3.2	3.2	3.3	-
323	Products of purchased glass	41.3	40.6	39.6	40.2	-	3.7	3.0	2.4	2.8	-
324	Cement, hydraulic	42.6	41.7	42.5	42.3	-	3.6	3.2	2.8	2.6	-
325	Structural clay products	40.6	39.5	40.0	39.5	-	3.1	2.7	2.9	2.4	-
326	Pottery and related products	39.7	39.4	39.4	38.7	-	2.6	2.3	2.1	1.9	-
327	Concrete, gypsum, and plaster products	41.6	39.4	40.8	40.0	-	4.8	4.1	4.6	4.0	-
3271	Concrete block and brick	43.6	40.2	42.0	40.2	-	5.1	3.8	4.5	3.3	-
3272	Concrete products, nec	42.7	40.5	41.4	41.2	-	4.5	3.8	4.5	4.0	-
3273	Ready-mixed concrete	39.5	37.3	39.8	38.4	-	4.5	3.6	4.7	3.9	-
329	Misc. nonmetallic mineral products	42.2	41.1	40.4	40.2	-	3.5	3.4	2.9	2.7	-
3291	Abrasive products	42.4	40.6	40.2	40.7	-	3.4	2.9	2.4	2.7	-
3292	Asbestos products	41.8	41.0	39.0	39.2	-	3.2	3.1	2.2	2.1	-
33	PRIMARY METAL INDUSTRIES	41.6	41.1	39.7	39.6	38.0	3.4	3.3	2.4	2.3	-
331	Blast furnace and basic steel products	40.7	40.5	38.9	38.6	-	2.6	2.7	1.9	1.7	-
3312	Blast furnaces and steel mills	40.5	40.3	38.5	38.2	-	2.4	2.6	1.8	1.7	-
3317	Steel pipe and tubes	41.7	41.9	41.2	41.0	-	3.8	3.8	2.6	2.6	-
332	Iron and steel foundries	42.1	40.9	38.9	39.1	-	3.7	3.3	2.3	2.4	-
3321	Gray iron foundries	42.5	40.8	38.8	38.9	-	3.7	3.3	2.4	2.4	-
3322	Malleable iron foundries	41.3	40.1	37.3	37.6	-	2.9	3.1	1.8	1.5	-
3325	Steel foundries, nec	41.5	41.1	39.3	40.0	-	4.0	3.4	2.3	2.8	-
333	Primary nonferrous metals	42.2	41.8	41.5	42.1	-	3.7	3.6	3.0	2.8	-
3334	Primary aluminum	42.1	41.6	40.6	42.1	-	3.8	3.6	3.1	3.0	-
335	Nonferrous rolling and drawing	43.2	42.9	41.3	40.8	-	5.2	5.0	3.5	3.4	-
3351	Copper rolling and drawing	43.9	43.7	40.8	41.0	-	5.3	5.0	3.4	3.2	-
3353	Aluminum sheet, plate and foil	44.7	43.5	42.4	40.1	-	6.6	6.2	4.0	4.1	-
3357	Nonferrous wire drawing and insulating	42.7	42.9	41.4	40.9	-	5.3	5.1	3.8	3.6	-
336	Nonferrous foundries	41.4	40.3	40.2	41.0	-	3.1	2.7	2.3	2.5	-
3361	Aluminum foundries	41.9	40.9	40.3	41.4	-	3.3	3.3	2.5	2.8	-
34	FABRICATED METAL PRODUCTS	41.6	40.4	40.0	40.5	37.8	3.3	2.8	2.4	2.5	-
341	Metal cans and shipping containers	44.8	43.5	43.6	44.8	-	4.1	4.8	4.1	4.0	-
3411	Metal cans	45.5	43.5	44.0	45.8	-	4.1	4.7	4.1	4.2	-
342	Cutlery, hand tools, and hardware	40.5	39.2	39.4	39.4	-	2.8	2.1	1.7	1.6	-
3423, 5	Hand and edge tools, and hand saws and blades	40.0	39.5	39.6	39.9	-	2.3	2.1	1.8	1.8	-
3429	Hardware, nec	40.7	39.0	39.2	39.0	-	3.2	2.1	1.5	1.3	-
343	Plumbing and heating, except electric	40.8	39.0	38.8	39.2	-	2.9	1.9	1.3	1.7	-
3432	Plumbing fittings and brass goods	41.2	40.4	38.4	38.9	-	2.7	2.0	1.0	1.2	-
3433	Heating equipment, except electric	40.2	38.0	39.2	40.1	-	3.1	1.7	1.7	2.3	-
344	Fabricated structural metal products	41.3	40.2	40.6	41.1	-	3.3	2.8	2.7	2.9	-
3441	Fabricated structural metal	42.3	41.5	41.1	41.9	-	3.6	3.3	2.9	3.3	-
3442	Metal doors, sash, and trim	40.7	38.8	39.2	39.2	-	3.1	2.1	2.2	1.9	-
3443	Fabricated plate work (boiler shops)	41.8	41.2	41.5	42.0	-	3.5	3.2	3.3	3.6	-
3444	Sheet metal work	40.0	39.0	39.8	40.3	-	2.8	2.3	2.5	2.4	-
3446	Architectural metal work	41.7	40.3	42.2	42.5	-	3.1	2.6	2.4	2.3	-
345	Screw machine products, bolts, etc.	41.5	40.8	40.2	40.3	-	3.5	3.1	2.4	2.2	-
3451	Screw machine products	39.9	39.5	40.1	40.2	-	3.0	2.7	2.5	2.2	-
3452	Bolts, nuts, rivets, and washers	43.0	42.1	40.2	40.4	-	4.1	3.5	2.3	2.2	-
346	Metal forgings and stampings	42.3	40.6	39.5	39.9	-	3.8	3.1	2.2	2.1	-
3462	Iron and steel forgings	40.9	40.0	40.3	40.9	-	3.5	3.2	2.7	2.8	-
3465	Automotive stampings	43.8	41.2	39.3	39.5	-	4.4	3.6	1.9	1.5	-
3469	Metal stampings, nec	41.7	40.1	39.5	39.6	-	3.2	2.4	2.2	2.2	-
347	Metal services, nec	41.7	40.8	39.2	39.6	-	2.9	2.9	2.3	2.6	-
3471	Plating and polishing	40.5	39.8	39.1	39.4	-	3.5	3.0	2.5	2.6	-
3479	Metal coating and allied services	44.4	43.0	39.4	40.0	-	1.5	1.2	2.0	2.6	-
348	Ordnance and accessories, nec	41.5	41.3	40.0	41.4	-	3.1	3.1	2.6	2.7	-
3483	Ammunition, exc. for small arms, nec	40.8	40.2	39.6	40.5	-	2.4	2.4	2.3	1.7	-
349	Misc. fabricated metal products	41.4	40.2	39.5	40.0	-	3.1	2.6	2.4	2.4	-
3494	Valves and pipe fittings	41.8	40.7	40.1	40.4	-	3.6	2.9	2.7	2.8	-
3496	Misc. fabricated wire products	41.7	39.8	39.0	39.3	-	2.8	2.3	1.9	1.7	-
35	MACHINERY, EXCEPT ELECTRICAL	42.2	41.2	40.9	41.6	39.1	3.8	3.4	3.0	3.3	-
351	Engines and turbines	41.3	40.5	39.7	40.5	-	3.7	2.7	2.0	2.4	-
3511	Turbines and turbine generator sets	42.6	41.4	41.5	41.2	-	4.8	3.6	3.7	3.8	-
3519	Internal combustion engines, nec	40.9	40.2	39.1	40.3	-	3.3	2.4	1.4	1.9	-
352	Farm and garden machinery	41.0	41.1	39.5	40.2	-	3.8	3.9	1.9	2.4	-
3523	Farm machinery and equipment	41.6	41.6	39.4	40.4	-	4.3	4.3	2.0	2.6	-
353	Construction and related machinery	42.5	41.6	41.6	42.2	-	3.6	3.3	3.4	3.9	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
MACHINERY, EXCEPT ELECTRICAL—Continued											
3531	Construction machinery	\$403.97	\$403.13	\$447.28	\$450.87	-	\$10.15	\$10.18	\$11.21	\$11.30	-
3532	Mining machinery	384.93	375.16	396.79	416.36	-	9.10	9.04	10.02	10.18	-
3533	Oil field machinery	409.62	398.05	436.85	441.46	-	8.66	8.71	9.58	9.66	-
3535	Conveyers and conveying equipment	336.20	319.80	337.05	358.15	-	8.22	8.20	8.49	8.63	-
3537	Industrial trucks and tractors	328.84	317.07	338.82	361.01	-	8.18	8.13	8.71	8.87	-
354	Metalworking machinery	372.82	368.46	382.03	392.18	-	8.63	8.69	9.25	9.36	-
3541	Machine tools, metal cutting types	401.40	387.19	395.50	400.74	-	8.92	8.84	9.53	9.61	-
3542	Machine tools, metal forming types	359.31	351.75	383.57	385.32	-	8.85	8.75	9.76	9.88	-
3544	Special dies, tools, jigs, and fixtures	400.68	403.62	410.73	427.25	-	9.19	9.30	9.71	9.89	-
3545	Machine tool accessories	328.02	325.07	340.05	344.32	-	7.81	7.89	8.48	8.46	-
3546	Power driven hand tools	279.18	266.66	298.05	320.44	-	6.60	6.82	7.47	7.74	-
355	Special industry machinery	337.45	327.89	350.17	368.41	-	7.94	7.92	8.52	8.73	-
3551	Food products machinery	354.90	343.10	356.98	378.98	-	8.45	8.43	8.88	9.11	-
3552	Textile machinery	268.60	258.56	275.89	274.62	-	6.38	6.40	6.88	6.90	-
3556	Printing trades machinery	361.35	353.81	369.75	408.41	-	8.25	8.19	8.70	9.24	-
356	General industrial machinery	355.75	346.01	368.42	377.15	-	8.43	8.46	9.03	9.11	-
3561	Pumps and pumping equipment	351.92	348.75	372.65	387.50	-	8.48	8.59	9.27	9.36	-
3562	Ball and roller bearings	364.63	354.48	369.09	374.31	-	8.46	8.40	8.83	8.87	-
3563	Air and gas compressors	378.45	372.73	399.07	423.15	-	8.72	8.77	9.57	9.75	-
3564	Blowers and fans	326.90	309.94	336.15	338.23	-	7.62	7.71	8.30	8.29	-
3566	Speed changers, drives, and gears	391.07	381.89	395.20	403.27	-	9.18	9.18	9.71	9.86	-
3568	Power transmission equipment, nec	342.38	332.00	348.02	355.47	-	8.27	8.30	8.53	8.67	-
357	Office and computing machines	301.86	292.94	321.51	330.72	-	7.17	7.18	7.71	7.80	-
3573	Electronic computing equipment	300.90	289.27	324.10	334.19	-	7.08	7.09	7.68	7.79	-
358	Refrigeration and service machinery	322.46	310.78	339.85	350.26	-	7.77	7.75	8.35	8.44	-
3565	Refrigeration and heating equipment	332.35	318.38	337.85	349.97	-	7.97	7.92	8.51	8.62	-
359	Misc. machinery, except electrical	346.11	338.60	354.31	355.72	-	8.30	8.34	8.77	8.74	-
3592	Carburetors, pistons, rings, valves	447.55	424.97	417.20	417.20	-	10.36	10.34	10.43	10.43	-
3599	Machinery, except electrical, nec	328.72	324.00	344.25	345.95	-	7.94	8.00	8.50	8.50	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	302.58	297.14	312.83	319.97	\$299.30	7.38	7.41	7.86	7.92	\$7.96
361	Electric distributing equipment	303.88	291.00	306.52	314.34	-	7.34	7.33	7.76	7.80	-
3612	Transformers	297.32	288.15	299.41	315.59	-	7.13	7.15	7.58	7.66	-
3613	Switchgear and switchboard apparatus	307.84	292.43	312.05	313.63	-	7.49	7.46	7.90	7.92	-
362	Electrical industrial apparatus	314.08	309.89	323.21	332.10	-	7.55	7.54	8.06	8.10	-
3621	Motors and generators	320.04	318.72	320.39	329.96	-	7.62	7.68	7.95	7.97	-
3622	Industrial controls	304.55	291.28	322.79	333.34	-	7.41	7.21	8.09	8.15	-
363	Household appliances	292.07	292.08	272.16	290.69	-	7.32	7.47	7.56	7.57	-
3632	Household refrigerators and freezers	345.68	343.07	297.37	357.35	-	8.37	8.45	8.93	9.21	-
3633	Household laundry equipment	338.69	345.93	312.56	351.33	-	8.64	8.87	9.22	9.27	-
3634	Electric housewares and fans	228.34	231.27	236.74	232.88	-	5.87	6.07	6.23	6.21	-
364	Electric lighting and wiring equipment	274.32	273.71	290.21	289.20	-	6.79	6.86	7.31	7.34	-
3641	Electric lamps	300.85	308.83	338.25	322.97	-	7.54	7.74	8.25	8.26	-
3643	Current-carrying wiring devices	257.81	260.18	278.20	280.80	-	6.35	6.44	6.99	7.02	-
3644	Noncurrent-carrying wiring devices	294.27	290.34	296.65	300.80	-	7.04	7.03	7.51	7.52	-
3645	Residential lighting fixtures	207.34	207.69	216.55	217.13	-	5.33	5.48	5.79	5.79	-
365	Radio and TV receiving equipment	285.48	267.96	299.34	303.20	-	6.98	6.96	7.54	7.58	-
3651	Radio and TV receiving sets	290.24	277.59	307.31	310.84	-	7.22	7.21	7.78	7.81	-
366	Communication equipment	348.19	341.47	371.90	381.80	-	8.39	8.39	9.16	9.20	-
3661	Telephone and telegraph apparatus	366.74	358.63	393.01	397.85	-	8.88	8.79	9.68	9.68	-
3662	Radio and TV communication equipment	335.71	330.08	360.60	371.96	-	8.07	8.11	8.86	8.92	-
367	Electronic components and accessories	258.45	256.16	272.78	280.95	-	6.35	6.42	6.79	6.92	-
3671-3	Electronic tubes	337.50	334.36	344.21	358.48	-	7.96	7.98	8.52	8.68	-
3674	Semiconductors and related devices	298.69	292.90	311.08	325.19	-	7.18	7.25	7.70	7.99	-
3679	Electronic components, nec	238.17	236.81	257.99	263.40	-	5.91	5.98	6.37	6.44	-
369	Misc. electrical equipment and supplies	368.08	351.14	359.96	353.12	-	8.70	8.67	8.91	8.85	-
3691	Storage batteries	359.54	350.02	370.39	356.87	-	8.52	8.60	8.99	8.79	-
3694	Engine electrical equipment	411.40	389.61	380.83	373.00	-	9.68	9.62	9.74	9.79	-
37	TRANSPORTATION EQUIPMENT	434.88	407.36	434.93	441.74	393.58	10.09	9.96	10.66	10.67	10.58
371	Motor vehicles and equipment	474.12	430.77	450.96	455.22	-	10.80	10.61	11.19	11.13	-
3711	Motor vehicles and car bodies	534.61	469.64	515.57	511.87	-	11.96	11.80	12.73	12.67	-
3713	Truck and bus bodies	355.01	345.14	370.46	375.74	-	8.68	8.65	9.08	9.12	-
3714	Motor vehicle parts and accessories	452.91	422.42	421.94	432.60	-	10.27	10.13	10.47	10.50	-
3715	Truck trailers	272.50	258.48	302.24	316.61	-	7.19	7.18	7.73	7.76	-
372	Aircraft and parts	429.84	413.40	450.19	463.01	-	9.95	9.89	10.77	10.92	-
3721	Aircraft	445.22	429.73	469.83	478.26	-	10.33	10.33	11.24	11.36	-
3724	Aircraft engines and engine parts	434.52	412.17	437.38	456.35	-	10.20	9.98	10.72	10.97	-
3728	Aircraft equipment, nec	394.71	379.14	421.15	436.69	-	8.93	8.90	9.84	9.97	-
373	Ship and boat building and repairing	354.38	350.92	385.40	388.44	-	8.56	8.58	9.40	9.36	-
3731	Shipbuilding and repairing	369.22	368.26	406.64	407.38	-	8.94	8.96	9.87	9.84	-
3732	Boat building and repairing	295.18	285.73	315.15	323.18	-	7.13	7.09	7.82	7.75	-
374	Railroad equipment	419.69	398.24	435.37	437.86	-	10.44	10.48	11.05	11.17	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	MACHINERY, EXCEPT ELECTRICAL—Continued										
3531	Construction machinery	39.8	39.6	39.9	39.9	-	1.7	1.8	1.8	2.1	-
3532	Mining machinery	42.3	41.5	39.6	40.9	-	3.4	2.5	2.1	2.3	-
3533	Oil field machinery	47.3	45.7	45.6	45.7	-	6.4	6.2	6.2	6.5	-
3535	Conveyers and conveying equipment	40.9	39.0	39.7	41.5	-	3.8	2.8	3.0	3.6	-
3537	Industrial trucks and tractors	40.2	39.0	38.9	40.7	-	2.1	2.3	2.3	2.8	-
354	Metalworking machinery	43.2	42.4	41.3	41.9	-	5.0	4.7	3.8	4.0	-
3541	Machine tools, metal cutting types	45.0	43.8	41.5	41.7	-	6.5	5.3	4.0	4.0	-
3542	Machine tools, metal forming types	40.6	40.2	39.3	39.0	-	3.5	3.3	3.1	3.0	-
3544	Special dies, tools, jigs, and fixtures	43.6	43.4	42.3	43.2	-	5.4	5.6	4.6	4.9	-
3545	Machine tool accessories	42.0	41.2	40.1	40.7	-	4.0	3.6	3.0	3.0	-
3546	Power driven hand tools	42.3	39.1	39.9	41.4	-	2.8	2.2	2.1	2.2	-
355	Special industry machinery	42.5	41.4	41.1	42.2	-	3.7	3.1	2.7	3.5	-
3551	Food products machinery	42.0	40.7	40.2	41.6	-	3.1	2.4	2.2	3.3	-
3552	Textile machinery	42.1	40.4	40.1	39.8	-	2.6	2.1	2.0	1.9	-
3555	Printing trades machinery	43.8	43.2	42.5	44.2	-	4.7	4.7	3.4	5.1	-
356	General industrial machinery	42.2	40.9	40.8	41.4	-	3.9	3.2	2.8	3.1	-
3561	Pumps and pumping equipment	41.5	40.6	40.2	41.4	-	3.2	2.6	2.8	3.5	-
3562	Ball and roller bearings	43.1	42.2	41.8	42.2	-	5.0	4.4	3.1	3.1	-
3563	Air and gas compressors	43.4	42.5	41.7	43.4	-	4.4	4.3	3.3	4.3	-
3564	Blowers and fans	42.9	40.2	40.5	40.8	-	4.2	3.3	3.2	2.6	-
3566	Speed changers, drives, and gears	42.6	41.6	40.7	40.9	-	3.6	3.0	2.7	2.9	-
3568	Power transmission equipment, nec	41.4	40.0	40.8	41.0	-	3.6	3.0	2.1	2.4	-
357	Office and computing machines	42.1	40.8	41.7	42.4	-	2.9	2.4	3.1	3.4	-
3573	Electronic computing equipment	42.5	40.8	42.2	42.9	-	3.2	2.5	3.4	3.8	-
358	Refrigeration and service machinery	41.5	40.1	40.7	41.5	-	3.0	2.5	2.1	1.9	-
3585	Refrigeration and heating equipment	41.7	40.2	39.7	40.6	-	3.0	2.4	1.7	1.8	-
359	Misc. machinery, except electrical	41.7	40.6	40.4	40.7	-	4.1	3.7	3.2	3.3	-
3592	Carburetors, pistons, rings, valves	43.2	41.1	40.0	40.0	-	4.8	3.4	1.7	1.7	-
3599	Machinery, except electrical, nec	41.4	40.5	40.5	40.7	-	4.0	3.7	3.4	3.6	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	41.0	40.1	39.8	40.4	37.6	2.8	2.3	2.1	2.3	-
361	Electric distributing equipment	41.4	39.7	39.5	40.3	-	3.0	2.2	2.2	2.7	-
3612	Transformers	41.7	40.3	39.5	41.2	-	2.8	2.3	2.2	3.3	-
3613	Switchgear and switchboard apparatus	41.1	39.2	39.5	39.6	-	3.1	2.1	2.2	2.2	-
362	Electrical industrial apparatus	41.6	41.1	40.1	41.0	-	3.3	2.6	2.2	2.5	-
3621	Motors and generators	42.0	41.5	40.3	41.4	-	3.7	2.8	2.2	2.5	-
3622	Industrial controls	41.1	40.4	39.9	40.9	-	2.5	1.8	2.1	2.7	-
363	Household appliances	39.9	39.1	36.0	38.4	-	2.3	1.7	1.3	1.3	-
3632	Household refrigerators and freezers	41.3	40.6	33.3	38.8	-	2.6	1.2	.5	.5	-
3633	Household laundry equipment	39.2	39.0	33.9	37.9	-	.9	.3	.3	.5	-
3634	Electric housewares and fans	38.9	38.1	38.0	37.5	-	1.4	1.2	1.6	1.5	-
364	Electric lighting and wiring equipment	40.4	39.9	39.7	39.4	-	2.8	2.4	2.1	2.0	-
3641	Electric lamps	39.9	39.9	41.0	39.1	-	2.0	1.9	2.0	2.2	-
3643	Current-carrying wiring devices	40.6	40.4	39.8	40.0	-	3.4	2.7	2.3	2.2	-
3644	Noncurrent-carrying wiring devices	41.8	41.3	39.5	40.0	-	2.9	2.8	2.6	1.8	-
3645	Residential lighting fixtures	38.9	37.9	37.4	37.5	-	1.6	1.2	1.4	1.4	-
365	Radio and TV receiving equipment	40.9	38.5	39.7	40.0	-	2.7	1.2	1.3	1.4	-
3651	Radio and TV receiving sets	40.2	38.5	39.5	39.8	-	2.4	1.5	1.6	1.7	-
366	Communication equipment	41.5	40.7	40.6	41.5	-	2.8	2.3	2.6	2.7	-
3661	Telephone and telegraph apparatus	41.3	40.8	40.6	41.1	-	2.7	2.3	2.8	2.8	-
3662	Radio and TV communication equipment	41.6	40.7	40.7	41.7	-	2.9	2.3	2.5	2.6	-
367	Electronic components and accessories	40.7	39.9	40.1	40.6	-	2.7	2.4	2.3	2.5	-
3671-3	Electronic tubes	42.4	41.9	40.4	41.3	-	2.7	2.4	2.0	2.2	-
3674	Semiconductors and related devices	41.6	40.4	40.4	40.7	-	3.2	2.7	2.3	2.6	-
3679	Electronic components, nec	40.3	39.6	40.5	40.9	-	2.7	2.4	2.5	2.7	-
369	Misc. electrical equipment and supplies	42.4	40.5	40.4	39.9	-	3.4	2.8	2.0	2.0	-
3691	Storage batteries	42.2	40.7	41.2	40.6	-	3.8	3.1	2.4	1.9	-
3694	Engine electrical equipment	42.5	40.5	39.1	38.1	-	3.3	2.8	1.4	1.5	-
37	TRANSPORTATION EQUIPMENT	43.1	40.9	40.8	41.4	37.2	4.4	3.2	2.8	2.8	-
371	Motor vehicles and equipment	43.9	40.6	40.3	40.9	-	4.4	2.8	2.1	1.8	-
3711	Motor vehicles and car bodies	44.7	39.8	40.5	40.4	-	4.9	2.4	2.1	1.5	-
3713	Truck and bus bodies	40.9	39.9	40.8	41.2	-	3.8	3.1	2.7	1.8	-
3714	Motor vehicle parts and accessories	44.1	41.7	40.3	41.2	-	4.2	3.3	2.1	2.0	-
3715	Truck trailers	37.9	36.0	39.1	40.8	-	1.8	.8	1.5	2.4	-
372	Aircraft and parts	43.2	41.8	41.8	42.4	-	4.9	3.7	3.5	4.2	-
3721	Aircraft	43.1	41.6	41.8	42.1	-	4.2	3.2	3.0	3.4	-
3724	Aircraft engines and engine parts	42.6	41.3	40.8	41.6	-	5.7	4.0	3.7	4.4	-
3728	Aircraft equipment, nec	44.2	42.6	42.8	43.8	-	5.7	4.5	4.4	5.5	-
373	Ship and boat building and repairing	41.4	40.9	41.0	41.5	-	3.9	3.9	3.4	3.1	-
3731	Ship building and repairing	41.3	41.1	41.2	41.4	-	4.0	4.1	3.3	3.0	-
3732	Boat building and repairing	41.4	40.3	40.3	41.7	-	3.7	3.2	3.4	3.5	-
374	Railroad equipment	40.2	38.0	39.4	39.2	-	2.9	1.1	2.3	2.0	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	TRANSPORTATION EQUIPMENT—Continued										
376	Guided missiles, space vehicles, parts	\$416.50	\$400.41	\$436.13	\$448.16	-	\$9.80	\$9.79	\$10.56	\$10.62	-
3761	Guided missiles and space vehicles	428.00	404.78	447.84	463.01	-	10.00	9.97	10.87	10.92	-
379	Miscellaneous transportation equipment	291.62	283.29	326.78	358.25	-	7.13	7.10	8.19	8.39	-
3792	Travel trailers and campers	234.00	236.36	263.90	271.58	-	6.00	6.22	7.23	7.34	-
38	INSTRUMENTS AND RELATED PRODUCTS	293.76	291.91	314.16	312.66	\$294.50	7.13	7.19	7.70	7.72	\$7.75
381	Engineering and scientific instruments	318.86	305.25	331.68	340.67	-	7.45	7.50	8.07	8.15	-
382	Measuring and controlling devices	292.32	288.05	311.60	307.13	-	7.01	7.06	7.60	7.64	-
3822	Environmental controls	266.39	260.25	277.07	283.02	-	6.45	6.49	7.05	7.22	-
3823	Process control instruments	310.28	302.32	336.61	346.53	-	7.02	7.08	7.81	7.84	-
3825	Instruments to measure electricity	305.70	300.92	320.74	302.61	-	7.42	7.43	7.90	7.86	-
383	Optical instruments and lenses	327.60	320.28	334.95	346.06	-	7.80	7.85	8.25	8.22	-
384	Medical instruments and supplies	243.20	245.39	270.12	269.87	-	6.08	6.15	6.77	6.73	-
3841	Surgical and medical instruments	233.23	241.38	273.10	272.83	-	5.86	5.96	6.76	6.72	-
3842	Surgical appliances and supplies	251.83	249.64	268.49	269.00	-	6.28	6.32	6.78	6.81	-
385	Ophthalmic goods	218.35	217.95	230.66	229.32	-	5.50	5.49	5.81	5.85	-
386	Photographic equipment and supplies	400.26	402.90	418.05	414.34	-	9.53	9.57	9.93	9.96	-
387	Watches, clocks, and watchcases	221.65	217.32	231.08	226.14	-	5.64	5.63	5.88	5.92	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	226.34	224.65	241.74	242.81	231.41	5.73	5.82	6.12	6.21	6.34
391	Jewelry, silverware, and plated ware	235.17	229.02	268.37	263.19	-	6.03	6.14	6.61	6.68	-
3911	Jewelry, precious metal	233.96	226.81	271.62	266.17	-	6.03	6.18	6.74	6.79	-
393	Musical instruments	222.64	212.77	237.12	236.46	-	5.58	5.57	6.08	6.11	-
394	Toys and sporting goods	204.86	208.44	224.58	222.72	-	5.28	5.40	5.70	5.77	-
3942, 4	Dolls, games, toys, and children's vehicles	185.01	196.18	206.90	199.34	-	4.96	5.19	5.36	5.33	-
3949	Sporting and athletic goods, nec	220.80	218.34	243.82	243.36	-	5.52	5.57	6.05	6.13	-
395	Pens, pencils, office and art supplies	239.20	236.01	257.67	265.43	-	5.82	5.93	6.30	6.35	-
396	Costume jewelry and notions	193.45	193.92	209.48	207.13	-	4.91	5.05	5.25	5.38	-
3961	Costume jewelry	177.56	178.40	193.03	179.22	-	4.60	4.77	4.85	4.91	-
399	Miscellaneous manufactures	249.32	246.48	253.99	259.74	-	6.28	6.32	6.58	6.66	-
3993	Signs and advertising displays	267.47	260.74	275.02	278.85	-	6.67	6.72	7.07	7.15	-
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	287.34	288.40	304.44	310.71	303.02	7.13	7.21	7.63	7.71	7.83
201	Meat products	286.63	295.40	306.60	308.80	-	7.22	7.33	7.65	7.72	-
2011	Meat packing plants	361.50	381.47	391.49	388.92	-	8.69	8.81	9.19	9.26	-
2013	Sausages and other prepared meats	337.28	335.41	350.76	362.48	-	8.39	8.47	8.88	8.95	-
2016	Poultry dressing plants	173.53	172.42	186.00	190.01	-	4.69	4.66	5.00	5.04	-
202	Dairy products	292.63	293.13	322.92	320.90	-	7.12	7.22	7.80	7.77	-
2022	Cheese, natural and processed	271.44	267.50	299.36	289.48	-	6.62	6.93	7.41	7.31	-
2026	Fluid milk	308.48	308.84	337.30	336.07	-	7.38	7.46	8.05	8.04	-
203	Preserved fruits and vegetables	241.70	249.60	250.48	268.77	-	6.15	6.24	6.54	6.77	-
2032	Canned specialties	277.14	287.12	336.80	355.42	-	6.86	7.16	7.62	7.66	-
2033	Canned fruits and vegetables	244.84	250.83	235.21	265.49	-	6.23	6.35	6.34	6.79	-
2037	Frozen fruits and vegetables	222.52	246.79	238.64	242.94	-	5.81	5.89	6.33	6.31	-
204	Grain mill products	350.76	338.67	361.24	370.65	-	7.99	7.95	8.46	8.56	-
2041	Flour and other grain mill products	378.54	356.80	377.76	383.04	-	8.02	8.00	8.47	8.55	-
2048	Prepared feeds, nec	282.51	282.94	297.30	302.76	-	6.55	6.58	6.93	6.96	-
205	Bakery products	294.84	288.80	309.75	310.18	-	7.56	7.58	8.13	8.12	-
2051	Bread, cake, and related products	288.04	281.20	312.36	313.56	-	7.60	7.60	8.22	8.23	-
2052	Cookies and crackers	313.65	311.33	302.23	301.08	-	7.45	7.52	7.85	7.80	-
206	Sugar and confectionery products	273.91	276.06	292.23	296.42	-	6.73	6.85	7.18	7.16	-
2061-3	Cane and beet sugar	335.09	336.49	351.85	352.63	-	7.53	7.70	8.07	7.96	-
2065	Confectionery products	230.06	235.01	249.21	253.92	-	5.96	6.12	6.39	6.38	-
207	Fats and oils	318.94	320.54	344.76	347.65	-	7.40	7.42	7.80	7.83	-
208	Beverages	347.73	333.83	379.49	386.57	-	8.44	8.43	9.37	9.36	-
2082	Malt beverages	480.68	462.99	553.41	557.24	-	11.31	11.32	12.90	12.81	-
2086	Bottled and canned soft drinks	252.73	247.02	268.50	274.22	-	6.35	6.35	6.92	6.96	-
209	Misc. foods and kindred products	243.27	240.03	253.93	257.66	-	6.19	6.35	6.70	6.71	-
21	TOBACCO MANUFACTURES	308.61	328.10	347.65	339.85	325.03	8.10	8.50	8.96	8.92	9.13
211	Cigarettes	383.13	403.75	445.50	408.83	-	9.90	10.17	11.25	10.99	-
22	TEXTILE MILL PRODUCTS	218.41	213.47	225.01	223.47	176.26	5.34	5.35	5.74	5.73	5.76
221	Weaving mills, cotton	229.22	220.70	239.99	238.19	-	5.51	5.49	5.97	5.94	-
222	Weaving mills, synthetics	228.52	230.74	250.71	243.01	-	5.56	5.56	6.10	6.06	-
223	Weaving and finishing mills, wool	223.69	225.35	242.13	240.67	-	5.39	5.43	5.92	5.87	-
224	Narrow fabric mills	197.69	197.07	208.43	210.01	-	4.81	4.89	5.29	5.29	-
225	Knitting mills	191.57	190.51	198.15	195.52	-	4.95	5.04	5.27	5.27	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
TRANSPORTATION EQUIPMENT—Continued											
376	Guided missiles, space vehicles, parts	42.5	40.9	41.3	42.2	-	4.0	3.5	3.2	3.5	-
3761	Guided missiles and space vehicles	42.8	40.6	41.2	42.4	-	3.7	2.9	2.9	3.2	-
379	Miscellaneous transportation equipment	40.9	39.9	39.9	42.7	-	3.2	2.1	2.5	3.1	-
3792	Travel trailers and campers	39.0	38.0	36.5	37.0	-	1.9	1.8	1.0	-1.4	-
INSTRUMENTS AND RELATED PRODUCTS											
38	Engineering and scientific instruments	41.2	40.6	40.8	40.5	38.0	2.7	2.4	2.3	2.2	-
381	Measuring and controlling devices	42.8	40.7	41.1	41.8	-	3.5	2.9	2.7	3.1	-
382	Environmental controls	41.7	40.8	41.0	40.2	-	2.5	2.1	2.1	2.0	-
3822	Process control instruments	41.3	40.1	39.3	39.2	-	3.0	2.5	1.4	1.4	-
3823	Instruments to measure electricity	44.2	42.7	43.1	44.2	-	3.4	3.2	3.1	3.1	-
3825	Optical instruments and lenses	41.2	40.5	40.6	38.5	-	2.0	1.6	1.9	1.7	-
383	Medical instruments and supplies	42.0	40.8	40.6	42.1	-	3.7	3.3	2.4	2.8	-
384	Surgical and medical instruments	40.0	39.9	39.9	40.1	-	2.5	2.3	2.3	2.3	-
3841	Surgical appliances and supplies	39.8	40.5	40.4	40.6	-	2.1	2.4	2.3	2.3	-
3842	Ophthalmic goods	40.1	39.5	39.6	39.5	-	3.0	2.4	2.6	2.4	-
385	Photographic equipment and supplies	39.7	39.7	39.7	39.2	-	1.6	1.5	1.4	1.2	-
386	Watches, clocks, and watchcases	42.0	42.1	42.1	41.6	-	3.6	3.5	2.7	2.2	-
387	Signs and advertising displays	39.3	38.6	39.3	38.2	-	1.3	.7	1.6	1.2	-
MISCELLANEOUS MANUFACTURING INDUSTRIES											
39	Jewelry, silverware, and plated ware	39.5	38.6	39.5	39.1	36.5	2.3	1.8	2.3	2.0	-
391	Jewelry, precious metal	39.0	37.3	40.6	39.4	-	2.8	1.6	3.3	2.6	-
3911	Musical instruments	38.8	36.7	40.3	39.2	-	3.4	2.0	3.7	3.2	-
393	Toys and sporting goods	39.9	38.2	39.0	38.7	-	1.5	.8	1.4	1.5	-
394	Dolls, games, toys, and children's vehicles	38.8	38.6	39.4	38.6	-	1.7	1.4	2.0	1.6	-
3942, 4	Sporting and athletic goods, nec	37.3	37.8	38.6	37.4	-	1.2	1.1	1.7	1.1	-
3949	Pens, pencils, office and art supplies	40.0	39.2	40.3	39.7	-	2.1	1.6	2.3	2.0	-
395	Costume jewelry and notions	41.1	39.8	40.9	41.8	-	3.0	2.3	2.3	2.5	-
396	Costume jewelry	39.4	38.4	39.9	38.5	-	2.7	2.1	3.2	2.4	-
3961	Miscellaneous manufactures	38.6	37.4	39.8	36.5	-	2.8	1.9	4.1	2.1	-
399	Signs and advertising displays	39.7	39.0	38.6	39.0	-	2.4	2.2	1.9	2.0	-
3993	Signs and advertising displays	40.1	38.8	38.9	39.0	-	3.2	2.7	2.3	2.5	-
NONDURABLE GOODS											
FOOD AND KINDRED PRODUCTS											
20	Meat products	40.3	40.0	39.9	40.3	38.7	3.8	4.0	3.8	3.7	-
201	Meat packing plants	39.7	40.3	40.0	40.0	-	4.0	4.4	4.2	3.9	-
2011	Sausages and other prepared meats	41.6	43.3	42.6	42.0	-	5.1	6.0	5.5	5.2	-
2013	Poultry dressing plants	40.2	39.6	39.5	40.5	-	3.5	3.4	3.7	3.7	-
2016	Dairy products	37.0	37.0	37.2	37.7	-	2.9	2.8	2.8	2.6	-
202	Cheese, natural and processed	41.1	40.6	41.4	41.3	-	3.7	3.7	3.8	3.8	-
2022	Fluid milk	39.8	38.6	40.4	39.6	-	3.3	3.0	3.5	3.3	-
2026	Preserved fruits and vegetables	41.8	41.4	41.9	41.8	-	4.0	4.1	4.2	4.0	-
203	Canned specialties	39.3	40.0	38.3	39.7	-	3.2	4.1	2.8	2.9	-
2032	Canned fruits and vegetables	40.4	40.1	40.2	46.4	-	5.5	6.4	4.9	4.8	-
2033	Frozen fruits and vegetables	39.3	39.5	37.1	39.1	-	2.7	3.0	2.6	2.5	-
2037	Grain mill products	38.3	41.9	37.7	38.5	-	3.5	6.2	2.6	2.9	-
204	Flour and other grain mill products	43.9	42.6	42.7	43.3	-	5.9	5.7	5.2	5.2	-
2041	Prepared feeds, nec	47.2	44.6	44.6	44.8	-	6.8	5.9	5.2	5.1	-
2048	Bakery products	43.1	43.0	42.9	43.5	-	6.0	6.2	5.5	5.8	-
205	Bread, cake, and related products	39.0	38.1	38.0	38.2	-	3.4	3.0	3.0	3.0	-
2051	Cookies and crackers	37.9	37.0	38.0	38.1	-	3.4	2.9	3.4	3.3	-
2052	Sugar and confectionery products	42.1	41.4	38.5	38.6	-	3.3	3.2	2.1	2.3	-
206	Cane and beet sugar	40.7	40.3	40.7	41.4	-	3.1	2.9	3.5	3.2	-
2061-3	Confectionery products	44.5	43.7	43.6	44.3	-	4.0	4.3	5.4	4.5	-
2065	Fats and oils	38.6	38.4	39.0	39.8	-	2.7	2.2	2.7	2.6	-
207	Beverages	43.1	43.2	44.2	44.4	-	5.5	5.6	6.6	6.3	-
208	Malt beverages	41.2	39.6	40.5	41.3	-	3.6	3.3	3.9	4.1	-
2082	Bottled and canned soft drinks	42.5	40.9	42.9	43.5	-	5.1	5.0	6.7	6.5	-
2086	Misc. foods and kindred products	39.8	38.9	38.8	39.4	-	3.2	2.7	3.0	3.3	-
209	Misc. foods and kindred products	39.3	37.8	37.9	38.4	-	3.4	3.4	3.3	2.8	-
TOBACCO MANUFACTURES											
21	Cigarettes	38.1	38.6	38.8	38.1	35.6	2.4	2.6	2.2	1.3	-
211	Cigarettes	38.7	39.7	39.6	37.2	-	2.6	3.3	2.7	1.0	-
TEXTILE MILL PRODUCTS											
22	Weaving mills, cotton	40.9	39.9	39.2	39.0	30.6	3.5	3.2	2.8	2.5	-
221	Weaving mills, synthetics	41.6	40.2	40.2	40.1	-	3.9	3.5	3.1	3.0	-
222	Weaving and finishing mills, wool	41.1	41.5	41.1	40.1	-	3.7	4.0	3.6	2.9	-
223	Narrow fabric mills	41.5	41.5	40.9	41.0	-	3.2	3.3	4.2	3.6	-
224	Knitting mills	41.1	40.3	39.4	39.7	-	2.7	2.4	2.8	2.1	-
225	Knitting mills	38.7	37.8	37.6	37.1	-	2.5	2.3	2.0	1.9	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls
by Industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
TEXTILE MILL PRODUCTS—Continued											
2251	Women's hosiery, except socks	\$172.42	\$176.27	\$193.17	\$196.47	-	\$4.66	\$4.79	\$5.07	\$5.09	-
2252	Hosiery, nec	174.93	175.38	180.31	174.74	-	4.64	4.74	4.94	4.95	-
2253	Knit outerwear mills	186.73	184.88	194.91	193.50	-	4.85	4.97	5.17	5.16	-
2254	Knit underwear mills	174.94	175.81	179.99	171.52	-	4.69	4.83	5.07	5.03	-
2257	Circular knit fabric mills	228.22	219.14	234.24	228.73	-	5.58	5.52	5.93	5.88	-
226	Textile finishing, except wool	244.52	231.99	247.23	250.10	-	5.74	5.70	6.15	6.16	-
2261	Finishing plants, cotton	251.50	232.76	244.77	245.78	-	5.89	5.79	6.15	6.16	-
2262	Finishing plants, synthetics	254.60	245.61	263.57	265.37	-	5.88	5.89	6.46	6.41	-
227	Floor covering mills	233.92	220.00	224.41	227.54	-	5.53	5.50	5.89	5.91	-
228	Yarn and thread mills	204.41	199.90	204.06	203.52	-	5.01	5.01	5.37	5.37	-
2281	Yarn mills, except wool	207.24	200.80	203.36	203.74	-	5.03	5.02	5.38	5.39	-
2282	Throwing and winding mills	188.73	190.48	196.61	198.28	-	4.79	4.81	5.12	5.15	-
229	Miscellaneous textile goods	256.28	245.92	258.52	257.89	-	5.96	5.94	6.29	6.29	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	172.68	172.13	181.15	178.92	\$150.96	4.81	4.89	5.06	5.04	\$5.17
231	Men's and boys' suits and coats	205.70	203.40	214.33	212.07	-	5.50	5.65	5.84	5.81	-
232	Men's and boys' furnishings	160.52	161.53	168.80	166.83	-	4.41	4.55	4.65	4.66	-
2321	Men's and boys' shirts and nightwear	156.88	156.73	166.71	164.71	-	4.31	4.44	4.58	4.55	-
2327	Men's and boys' separate trousers	161.73	164.15	175.01	170.75	-	4.48	4.69	4.73	4.73	-
2328	Men's and boys' work clothing	158.30	160.65	166.35	165.24	-	4.29	4.45	4.57	4.59	-
233	Women's and misses' outerwear	159.65	161.84	168.17	167.33	-	4.78	4.86	5.02	4.98	-
2331	Women's and misses' blouses and waists	150.64	152.21	160.35	158.46	-	4.47	4.53	4.73	4.73	-
2335	Women's and misses' dresses	151.35	156.87	166.21	166.08	-	4.93	4.98	5.13	5.11	-
2337	Women's and misses' suits and coats	178.31	177.02	182.82	173.95	-	5.26	5.30	5.54	5.47	-
2339	Women's and misses' outerwear, nec	163.15	164.50	167.95	169.79	-	4.57	4.70	4.84	4.81	-
234	Women's and children's undergarments	152.93	156.47	168.63	163.76	-	4.26	4.42	4.62	4.60	-
2341	Women's and children's underwear	151.50	154.70	166.08	161.17	-	4.22	4.37	4.55	4.54	-
2342	Brassieres and allied garments	158.95	163.09	179.82	175.55	-	4.44	4.62	4.94	4.89	-
236	Children's outerwear	158.63	162.09	169.82	169.05	-	4.37	4.49	4.64	4.64	-
2361	Children's dresses and blouses	155.23	157.00	165.24	164.37	-	4.30	4.41	4.59	4.63	-
238	Misc. apparel and accessories	173.26	172.79	189.62	185.10	-	4.67	4.76	4.99	5.03	-
239	Misc. fabricated textile products	225.50	212.62	226.00	223.10	-	5.68	5.61	5.87	5.81	-
2391	Curtains and draperies	151.48	151.16	160.92	165.60	-	4.15	4.27	4.47	4.50	-
2392	House furnishing, nec	187.46	179.73	199.25	196.06	-	4.71	4.78	5.07	5.04	-
2396	Automotive and apparel trimmings	394.83	356.17	393.57	392.16	-	9.29	8.86	10.04	10.32	-
26	PAPER AND ALLIED PRODUCTS	361.40	353.13	376.05	382.59	370.55	8.27	8.27	8.89	8.96	9.06
261, 2, 6	Paper and pulp mills	435.33	426.76	462.17	463.09	-	9.61	9.59	10.48	10.43	-
262	Paper mills, except building paper	438.76	429.30	466.82	470.67	-	9.58	9.54	10.42	10.39	-
263	Paperboard mills	448.02	436.10	462.61	476.67	-	9.89	9.80	10.49	10.64	-
264	Misc. converted paper products	306.29	300.03	323.05	332.73	-	7.31	7.30	7.86	7.96	-
2641	Paper coating and glazing	354.09	344.80	385.37	396.93	-	8.14	8.19	8.90	8.96	-
2642	Envelopes	272.00	269.47	295.71	304.70	-	6.57	6.67	7.23	7.36	-
2643	Bags, except textile bags	292.50	282.91	306.27	314.39	-	6.85	6.85	7.38	7.45	-
265	Paperboard containers and boxes	316.82	309.33	316.52	323.79	-	7.30	7.33	7.72	7.84	-
2651	Folding paperboard boxes	335.53	314.07	324.90	346.90	-	7.54	7.46	7.81	8.03	-
2653	Corrugated and solid fiber boxes	330.81	328.42	332.51	333.33	-	7.57	7.62	8.11	8.19	-
2654	Sanitary food containers	306.16	291.02	303.26	311.01	-	6.88	6.88	7.29	7.37	-
27	PRINTING AND PUBLISHING	300.23	293.83	314.81	321.86	309.02	7.88	7.92	8.44	8.47	8.56
271	Newspapers	278.42	265.35	287.91	295.80	-	8.07	8.09	8.62	8.70	-
272	Periodicals	292.22	282.23	300.95	309.32	-	7.59	7.61	8.09	8.14	-
273	Books	283.38	273.51	298.36	304.59	-	7.12	7.16	7.79	7.83	-
2731	Book publishing	275.32	262.71	284.64	288.42	-	6.97	6.95	7.55	7.59	-
2732	Book printing	291.93	286.38	313.15	323.59	-	7.28	7.40	8.05	8.11	-
274	Miscellaneous publishing	245.80	232.90	273.92	308.45	-	6.79	6.81	7.63	7.75	-
275	Commercial printing	319.80	317.68	335.72	338.82	-	8.20	8.23	8.72	8.71	-
2751	Commercial printing, letterpress	298.36	294.89	313.62	314.59	-	7.67	7.74	8.21	8.15	-
2752	Commercial printing, lithographic	330.00	330.33	346.24	351.51	-	8.44	8.47	8.97	8.99	-
276	Manifold business forms	327.24	315.52	343.13	371.94	-	7.81	7.81	8.41	8.67	-
278	Blankbooks and bookbinding	248.68	245.96	249.48	257.28	-	6.11	6.18	6.43	6.53	-
279	Printing trade services	384.54	373.98	398.59	407.40	-	9.86	9.92	10.38	10.50	-
28	CHEMICALS AND ALLIED PRODUCTS	365.65	363.58	392.81	397.74	390.67	8.69	8.74	9.42	9.47	9.67
281	Industrial inorganic chemicals	402.90	402.66	438.84	442.21	-	9.57	9.61	10.60	10.63	-
2819	Industrial inorganic chemicals, nec	403.79	399.92	438.54	443.69	-	9.66	9.66	10.67	10.64	-
282	Plastics materials and synthetics	362.50	360.64	387.24	394.24	-	8.62	8.69	9.22	9.32	-
2821	Plastics materials and resins	403.30	409.40	431.00	428.13	-	9.25	9.39	10.07	10.05	-
2824	Organic fibers, noncellulosic	337.83	328.42	361.57	376.16	-	8.18	8.19	8.65	8.83	-
283	Drugs	334.46	330.37	361.54	364.53	-	8.04	7.98	8.67	8.70	-
2834	Pharmaceutical preparations	316.11	311.48	341.54	343.99	-	7.71	7.71	8.34	8.39	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
TEXTILE MILL PRODUCTS—Continued											
2251	Women's hosiery, except socks	37.0	36.8	38.1	38.6	-	2.0	1.8	2.4	3.0	-
2252	Hosiery, nec	37.7	37.0	36.5	35.3	-	1.7	1.8	1.6	1.1	-
2253	Knit outerwear mills	38.5	37.2	37.7	37.5	-	2.4	2.3	2.0	1.9	-
2254	Knit underwear mills	37.3	36.4	35.5	34.1	-	1.7	1.4	1.2	.9	-
2257	Circular knit fabric mills	40.9	39.7	39.5	38.9	-	4.0	3.0	2.8	2.2	-
226	Textile finishing, except wool	42.6	40.7	40.2	40.6	-	4.4	3.7	3.5	3.5	-
2261	Finishing plants, cotton	42.7	40.2	39.8	39.9	-	4.8	3.5	3.0	3.0	-
2262	Finishing plants, synthetics	43.3	41.7	40.8	41.4	-	4.9	4.2	4.3	3.6	-
227	Floor covering mills	42.3	40.0	38.1	38.5	-	4.4	3.5	1.9	2.2	-
228	Yarn and thread mills	40.8	39.9	38.0	37.9	-	3.5	3.2	2.2	2.1	-
2281	Yarn mills, except wool	41.2	40.0	37.8	37.8	-	3.6	3.5	2.1	2.1	-
2282	Throwing and winding mills	39.4	39.6	38.4	38.5	-	3.5	3.1	2.7	2.5	-
229	Miscellaneous textile goods	43.0	41.4	41.1	41.0	-	4.2	3.6	3.3	3.0	-
APPAREL AND OTHER TEXTILE PRODUCTS											
23	Men's and boys' suits and coats	35.9	35.2	35.8	35.5	29.2	1.2	.9	1.2	1.0	-
231	Men's and boys' suits and coats	37.4	36.0	36.7	36.5	-	.8	.7	.9	.9	-
232	Men's and boys' furnishings	36.4	35.5	36.3	35.8	-	1.0	.9	1.0	.9	-
2321	Men's and boys' shirts and nightwear	36.4	35.3	36.4	36.2	-	1.0	.9	1.0	1.0	-
2327	Men's and boys' separate trousers	36.1	35.0	37.0	36.1	-	.9	.8	1.0	.9	-
2328	Men's and boys' work clothing	36.9	36.1	36.4	36.0	-	1.1	.9	1.0	.9	-
233	Women's and misses' outerwear	33.4	33.3	33.5	33.6	-	1.0	.9	.9	.9	-
2331	Women's and misses' blouses and waists	33.7	33.6	33.9	33.5	-	.6	.8	.8	.7	-
2335	Women's and misses' dresses	30.7	31.5	32.4	32.5	-	.7	.8	.9	.8	-
2337	Women's and misses' suits and coats	33.9	33.4	33.0	31.8	-	1.0	.8	1.0	.8	-
2339	Women's and misses' outerwear, nec	35.7	35.0	34.7	35.3	-	1.4	1.1	1.0	1.2	-
234	Women's and children's undergarments	35.9	35.4	36.5	35.6	-	1.1	.9	1.5	1.1	-
2341	Women's and children's undergarments	35.9	35.4	36.5	35.5	-	1.1	.9	1.6	1.1	-
2342	Brassieres and allied garments	35.8	35.3	36.4	35.9	-	1.1	.9	1.2	.9	-
236	Children's outerwear	36.3	36.1	36.6	36.2	-	1.1	1.0	1.4	.9	-
2361	Children's dresses and blouses	36.1	35.6	36.0	35.5	-	.9	.8	1.3	.7	-
238	Misc. apparel and accessories	37.1	36.3	38.0	36.8	-	1.1	.7	1.7	1.2	-
239	Misc. fabricated textile products	39.7	37.9	38.5	38.4	-	2.4	1.4	1.8	1.6	-
2391	Curtains and draperies	36.5	35.4	36.0	36.8	-	1.1	.4	.9	1.1	-
2392	House furnishings, nec	39.8	37.6	39.3	38.9	-	2.7	1.6	2.8	2.2	-
2396	Automotive and apparel trimmings	42.5	40.2	39.2	38.0	-	3.3	1.0	.8	.7	-
PAPER AND ALLIED PRODUCTS											
26	Paper and pulp mills	43.7	42.7	42.3	42.7	40.9	4.9	4.7	4.2	4.2	-
261, 2, 6	Paper and pulp mills	45.3	44.5	44.1	44.4	-	6.6	6.5	6.0	5.6	-
262	Paper mills, except building paper	45.8	45.0	44.8	45.3	-	6.9	6.7	6.2	5.9	-
263	Paperboard mills	45.3	44.5	44.1	44.8	-	8.0	7.3	6.6	7.5	-
264	Misc. converted paper products	41.9	41.1	41.1	41.8	-	3.2	3.0	2.9	3.0	-
2641	Paper coating and glazing	43.5	42.1	43.3	44.3	-	3.3	3.2	3.2	3.1	-
2642	Envelopes	41.4	40.4	40.9	41.4	-	2.6	2.6	2.7	3.0	-
2643	Bags, except textile bags	42.7	41.3	41.5	42.2	-	3.8	3.2	3.3	3.4	-
265	Paperboard containers and boxes	43.4	42.2	41.0	41.3	-	4.0	3.7	3.0	3.1	-
2651	Folding paperboard boxes	44.5	42.1	41.6	43.2	-	5.1	4.0	3.3	4.1	-
2653	Corrugated and solid fiber boxes	43.7	43.1	41.0	40.7	-	4.0	4.0	3.2	3.1	-
2654	Sanitary food containers	44.5	42.3	41.6	42.2	-	3.9	3.5	2.4	2.6	-
PRINTING AND PUBLISHING											
27	Newspapers	38.1	37.1	37.3	38.0	36.1	2.8	2.3	2.6	2.7	-
271	Newspapers	34.5	32.8	33.4	34.0	-	2.0	1.1	1.6	1.9	-
272	Periodicals	38.5	37.1	37.2	38.0	-	2.4	1.7	2.4	2.3	-
273	Books	39.8	38.2	38.3	38.9	-	2.7	2.2	2.2	2.5	-
2/31	Book publishing	39.5	37.8	37.7	38.0	-	1.8	1.3	1.1	1.4	-
2732	Book printing	40.1	38.7	38.9	39.9	-	3.7	3.2	3.6	3.9	-
274	Miscellaneous publishing	36.2	34.2	35.9	39.8	-	2.1	1.6	1.4	3.2	-
275	Commercial printing	39.0	38.6	38.5	38.9	-	3.2	2.8	3.1	2.9	-
2751	Commercial printing, letterpress	38.9	38.1	38.2	38.6	-	2.9	2.3	2.6	2.2	-
2752	Commercial printing, lithographic	39.1	39.0	38.6	39.1	-	3.3	3.1	3.3	3.2	-
276	Manifold business forms	41.9	40.4	40.8	42.9	-	4.0	3.3	3.4	5.0	-
278	Blankbooks and bookbinding	40.7	39.8	38.8	39.4	-	2.6	2.6	1.5	1.7	-
279	Printing trade service	39.0	37.7	38.4	38.8	-	4.0	3.3	3.4	3.7	-
CHEMICALS AND ALLIED PRODUCTS											
28	Industrial inorganic chemicals	42.1	41.6	41.7	42.0	40.4	3.4	3.4	3.1	2.9	-
281	Industrial inorganic chemicals	42.1	41.9	41.4	41.6	-	3.1	3.2	3.4	3.1	-
2819	Industrial inorganic chemicals, nec	41.8	41.4	41.1	41.7	-	3.2	3.1	3.3	3.2	-
282	Plastics materials and synthetics	42.1	41.5	42.0	42.3	-	3.1	3.2	2.9	2.5	-
2821	Plastics materials and resins	43.6	43.6	42.8	42.6	-	4.3	4.7	3.9	3.0	-
2824	Organic fibers, noncellulosic	41.3	40.1	41.8	42.6	-	2.0	2.0	2.3	2.0	-
283	Drugs	41.6	41.4	41.7	41.9	-	3.4	3.1	2.9	2.8	-
2834	Pharmaceutical preparations	41.0	40.4	41.0	41.0	-	3.5	3.0	2.9	2.7	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	\$330.86	\$322.78	\$349.57	\$362.71	-	\$8.05	\$8.11	\$8.61	\$8.74	-
2841	Soap and other detergents	441.58	432.43	469.11	493.46	-	10.39	10.37	11.09	11.37	-
2844	Toilet preparations	259.61	249.60	262.58	272.45	-	6.41	6.50	6.75	6.88	-
2842, 3	Polishing, sanitation, and finishing preparations	308.77	306.43	356.01	361.67	-	7.70	7.68	8.62	8.53	-
285	Paints and allied products	319.30	316.71	321.90	328.00	-	7.75	7.82	8.17	8.20	-
286	Industrial organic chemicals	431.57	432.23	473.62	475.15	-	9.99	10.17	11.04	11.05	-
2865	Cyclic crudes and intermediates	396.77	390.82	444.51	456.03	-	9.38	9.44	10.41	10.73	-
2881, 9	Gum, wood, and industrial organic chemicals, nec	442.83	445.73	483.75	482.11	-	10.18	10.39	11.25	11.16	-
287	Agricultural chemicals	382.33	377.14	389.79	397.61	-	8.65	8.65	9.15	9.29	-
289	Miscellaneous chemical products	340.13	336.96	366.08	367.42	-	8.06	8.10	8.60	8.79	-
29	PETROLEUM AND COAL PRODUCTS	449.45	471.16	497.51	491.90	\$529.00	10.38	11.06	11.57	11.52	\$12.05
291	Petroleum refining	478.03	507.70	535.41	525.31	-	11.04	11.89	12.28	12.16	-
295	Paving and roofing materials	356.91	345.23	376.41	369.82	-	8.13	8.01	9.07	9.02	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	289.95	289.46	295.66	300.00	283.85	6.97	7.06	7.41	7.50	7.61
301	Tires and inner tubes	446.40	461.34	463.49	464.79	-	10.43	10.63	11.36	11.42	-
302	Rubber and plastics footwear	191.76	189.70	181.67	192.27	-	4.47	4.56	4.91	4.93	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	308.48	301.80	319.59	324.40	-	7.31	7.22	8.05	8.11	-
306	Fabricated rubber products, nec	269.86	262.66	278.70	278.50	-	6.55	6.55	6.95	6.98	-
307	Miscellaneous plastics products	262.06	257.99	265.47	270.80	-	6.33	6.37	6.67	6.77	-
31	LEATHER AND LEATHER PRODUCTS	174.91	177.39	186.66	187.10	181.31	4.74	4.86	5.10	5.14	5.21
311	Leather tanning and finishing	260.65	255.76	259.01	263.34	-	6.42	6.41	6.71	6.84	-
314	Footwear, except rubber	167.26	170.97	178.33	178.33	-	4.57	4.71	4.94	4.94	-
3143	Men's footwear, except athletic	181.44	188.12	187.31	190.55	-	4.60	4.99	5.16	5.15	-
3144	Women's footwear, except athletic	157.08	156.80	169.92	170.37	-	4.00	4.48	4.80	4.84	-
316	Luggage	187.66	182.59	205.33	197.75	-	5.05	5.03	5.49	5.65	-
317	Handbags and personal leather goods	161.01	161.98	180.00	175.31	-	4.46	4.55	4.80	4.79	-
	TRANSPORTATION AND PUBLIC UTILITIES	372.00	367.60	395.75	394.74	389.62	9.30	9.33	10.07	10.07	10.12
	RAILROAD TRANSPORTATION:										
4011	Class I railroads ²	456.12	446.68	457.50			10.39	10.51	10.79		
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	213.86	218.74	232.19	231.18	-	6.29	6.51	6.89	6.86	-
411	Local and suburban transportation	271.52	278.46	300.75	292.04	-	6.98	7.14	7.50	7.45	-
413	Intercity highway transportation	336.74	383.77	396.01	386.60	-	9.69	10.69	10.82	10.89	-
42	TRUCKING AND WAREHOUSING	386.40	372.27	392.32	403.22	-	9.66	9.57	10.19	10.26	-
421, 3	Trucking and trucking terminals	394.40	380.44	401.17	412.91	-	9.86	9.78	10.42	10.48	-
422	Public warehousing	263.70	263.64	276.32	275.87	-	6.71	6.76	7.14	7.11	-
46	PIPE LINES, EXCEPT NATURAL GAS	449.01	492.05	500.87	505.47	-	10.64	11.39	11.73	11.81	-
48	COMMUNICATION	361.49	358.38	403.20	396.93	-	9.06	9.05	10.08	10.10	-
481	Telephone communication	375.87	371.87	422.34	413.96	-	9.35	9.32	10.48	10.48	-
4817	Switchboard operating employees ³	248.62	247.54	302.23	269.56	-	7.58	7.57	8.66	8.45	-
4818	Line construction employees ⁴	487.08	476.10	525.92	516.67	-	11.07	10.97	11.98	11.96	-
483	Radio and television broadcasting	299.11	298.21	325.46	334.63	-	7.83	7.91	8.52	8.76	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	386.46	393.54	430.77	428.08	-	9.29	9.46	10.38	10.34	-
491	Electric services	401.63	402.53	435.77	432.85	-	9.54	9.63	10.45	10.43	-
492	Gas production and distribution	359.72	368.68	391.96	391.52	-	8.71	8.82	9.56	9.48	-
493	Combination utility services	407.77	424.97	490.73	484.55	-	9.97	10.34	11.74	11.62	-
495	Sanitary services	299.94	309.20	332.67	326.38	-	7.28	7.56	8.05	8.18	-
	WHOLESALE AND RETAIL TRADE	182.65	183.86	192.36	193.20	190.96	5.62	5.80	6.03	6.00	6.16
50, 51	WHOLESALE TRADE	281.25	281.82	301.47	302.25	298.96	7.23	7.32	7.81	7.81	7.93
50	WHOLESALE TRADE-DURABLE GOODS	285.59	284.70	303.81	303.81	-	7.23	7.30	7.81	7.79	-
501	Motor vehicles and automotive equipment	267.24	260.84	271.36	272.08	-	6.80	6.74	7.16	7.16	-
502	Furniture and home furnishings	247.27	251.92	268.91	268.80	-	6.49	6.70	7.19	7.13	-
503	Lumber and construction materials	290.33	289.84	312.03	310.47	-	7.35	7.47	7.96	7.90	-
504	Sporting goods, toys, and hobby goods	291.45	296.40	306.12	318.38	-	7.57	7.80	8.12	8.49	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	CHEMICALS AND ALLIED PRODUCTS—Cont'd										
284	Soap, cleaners, and toilet goods	41.1	39.8	40.6	41.5	-	2.9	2.8	2.7	2.8	-
2841	Soap and other detergents	42.5	41.7	42.3	43.4	-	4.0	3.9	3.5	3.9	-
2844	Toilet preparations	40.5	38.4	38.9	39.6	-	2.7	2.3	2.2	2.3	-
2842, 3	Polishing, sanitation, and finishing preparations	40.1	39.9	41.3	42.4	-	2.0	2.3	2.7	2.2	-
285	Paints and allied products	41.2	40.5	39.4	40.0	-	2.5	2.6	1.5	1.4	-
286	Industrial organic chemicals	43.2	42.5	42.9	43.0	-	3.7	4.0	3.7	3.3	-
2865	Cyclic crudes and intermediates	42.3	41.4	42.7	42.5	-	3.8	3.9	3.1	2.6	-
2861, 9	Gum, wood, and industrial organic chemicals, nec	43.5	42.9	43.0	43.2	-	3.7	4.0	3.9	3.6	-
287	Agricultural chemicals	44.2	43.6	42.6	42.8	-	5.8	5.1	3.9	3.9	-
289	Miscellaneous chemical products	42.2	41.6	41.6	41.8	-	3.6	3.7	3.0	3.0	-
29	PETROLEUM AND COAL PRODUCTS	43.3	42.6	43.0	42.7	43.9	3.7	3.4	4.1	2.9	-
291	Petroleum refining	43.3	42.7	43.6	43.2	-	3.4	3.2	4.1	2.8	-
295	Paving and roofing materials	43.9	43.1	41.5	41.0	-	5.9	5.5	5.0	4.0	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	41.6	41.0	39.9	40.0	37.3	3.5	3.4	2.6	2.6	-
301	Tires and inner tubes	42.8	43.4	40.8	40.7	-	3.9	4.6	2.4	2.2	-
302	Rubber and plastics footwear	42.9	41.6	37.0	39.0	-	2.9	2.5	1.5	1.4	-
303, 4	Reclaimed rubber, and rubber and plastics hose and belting	42.2	41.8	39.7	40.0	-	3.2	2.5	1.8	1.5	-
306	Fabricated rubber products, nec	41.2	40.1	40.1	39.9	-	3.3	2.8	2.4	2.3	-
307	Miscellaneous plastics products	41.4	40.5	39.8	40.0	-	3.5	3.2	2.8	2.8	-
31	LEATHER AND LEATHER PRODUCTS	36.9	36.5	36.6	36.4	34.8	1.5	1.6	1.3	1.2	-
311	Leather tanning and finishing	40.6	39.9	38.6	38.5	-	3.3	3.1	2.3	2.5	-
314	Footwear, except rubber	36.6	36.3	36.1	36.1	-	1.3	1.3	.9	1.1	-
3143	Men's footwear, except athletic	37.8	37.7	36.3	37.0	-	1.4	1.6	.9	1.1	-
3144	Women's footwear, except athletic	35.7	35.0	35.4	35.2	-	1.3	1.2	.9	1.1	-
316	Luggage	37.2	36.3	37.4	35.0	-	2.1	1.7	1.5	1.2	-
317	Handbags and personal leather goods	36.1	35.6	37.5	36.6	-	1.7	1.9	1.9	.9	-
-	TRANSPORTATION AND PUBLIC UTILITIES	40.0	39.4	39.3	39.2	38.5	-	-	-	-	-
4011	RAILROAD TRANSPORTATION: Class I railroads ²	43.9	42.5	42.4	-	-	-	-	-	-	-
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	34.0	33.6	33.7	33.7	-	-	-	-	-	-
411	Local and suburban transportation	38.9	39.0	40.1	39.2	-	-	-	-	-	-
413	Intercity highway transportation	34.7	35.9	36.6	35.5	-	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	40.0	38.9	38.5	39.3	-	-	-	-	-	-
421, 3	Trucking and trucking terminals	40.0	38.9	38.5	39.4	-	-	-	-	-	-
422	Public warehousing	39.3	39.0	38.7	38.8	-	-	-	-	-	-
46	PIPE LINES, EXCEPT NATURAL GAS	42.2	43.2	42.7	42.8	-	-	-	-	-	-
48	COMMUNICATION	39.9	39.6	40.0	39.3	-	-	-	-	-	-
481	Telephone communication	40.2	39.9	40.3	39.5	-	-	-	-	-	-
4817	Switchboard operating employees ³	32.8	32.7	34.9	31.9	-	-	-	-	-	-
4818	Line construction employees ⁴	44.0	43.4	43.9	43.2	-	-	-	-	-	-
483	Radio and television broadcasting	38.2	37.7	38.2	38.2	-	-	-	-	-	-
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.6	41.6	41.5	41.4	-	-	-	-	-	-
491	Electric services	42.1	41.8	41.7	41.5	-	-	-	-	-	-
492	Gas production and distribution	41.3	41.8	41.0	41.3	-	-	-	-	-	-
493	Combination utility services	40.9	41.1	41.8	41.7	-	-	-	-	-	-
495	Sanitary services	41.2	40.9	41.3	39.9	-	-	-	-	-	-
-	WHOLESALE AND RETAIL TRADE	32.5	31.7	31.9	32.2	31.0	-	-	-	-	-
50, 51	WHOLESALE TRADE	38.9	38.5	38.6	38.7	37.7	-	-	-	-	-
50	WHOLESALE TRADE-DURABLE GOODS	39.5	39.0	38.9	39.0	-	-	-	-	-	-
501	Motor vehicles and automotive equipment	39.3	38.7	37.9	38.0	-	-	-	-	-	-
502	Furniture and home furnishings	38.1	37.6	37.4	37.7	-	-	-	-	-	-
503	Lumber and construction materials	39.5	38.8	39.2	39.3	-	-	-	-	-	-
504	Sporting goods, toys, and hobby goods	38.5	38.0	37.7	37.5	-	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls by industry—Continued

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	\$343.13	\$341.70	\$352.04	\$352.32	-	\$8.41	\$8.50	\$8.89	\$8.83	-
506	Electrical goods	299.30	296.77	328.05	331.50	-	7.52	7.59	8.39	8.35	-
507	Hardware, plumbing, and heating equipment	262.58	264.32	278.31	278.97	-	6.75	6.83	7.21	7.19	-
508	Machinery, equipment, and supplies	293.49	294.39	316.78	315.20	-	7.43	7.51	8.04	8.00	-
509	Miscellaneous durable goods	239.73	236.78	248.45	247.27	-	6.10	6.15	6.42	6.49	-
51	WHOLESALE TRADE-NONDURABLE GOODS	274.74	277.45	297.96	298.32	-	7.23	7.34	7.80	7.83	-
511	Paper and paper products	301.62	303.60	317.21	318.69	-	8.13	8.25	8.55	8.59	-
512	Drugs, proprietaries, and sundries	281.62	284.58	310.90	308.55	-	7.55	7.65	8.38	8.25	-
513	Apparel, piece goods, and notions	237.23	241.85	253.13	256.50	-	6.36	6.59	6.86	6.97	-
514	Groceries and related products	275.08	277.43	301.85	301.47	-	7.22	7.32	7.82	7.81	-
516	Chemicals and allied products	344.12	347.70	361.38	362.78	-	8.69	8.87	9.29	9.35	-
517	Petroleum and petroleum products	345.32	357.75	366.30	371.07	-	8.59	8.79	9.25	9.30	-
518	Beer, wine, and distilled beverages	327.12	309.52	339.11	345.58	-	8.70	8.48	9.19	9.34	-
519	Miscellaneous nondurable goods	229.08	228.98	244.48	243.46	-	5.95	6.01	6.40	6.39	-
52-59	RETAIL TRADE	152.20	152.81	158.54	160.06	\$157.22	4.99	5.18	5.32	5.30	\$5.44
52	BUILDING MATERIALS AND GARDEN SUPPLIES	202.95	202.02	213.89	215.28	-	5.50	5.55	5.86	5.85	-
521	Lumber and other building materials	223.10	221.37	231.42	232.41	-	5.75	5.78	6.09	6.10	-
525	Hardware stores	162.24	162.85	175.08	179.75	-	4.80	4.92	5.18	5.18	-
53	GENERAL MERCHANDISE STORES	143.82	142.13	148.90	153.72	-	4.70	5.04	5.17	5.09	-
531	Department stores	148.23	146.92	154.08	158.63	-	4.86	5.21	5.35	5.27	-
533	Variety stores	118.16	117.29	122.93	127.49	-	3.80	4.13	4.21	4.18	-
539	Misc. general merchandise stores	120.74	120.60	125.11	130.59	-	3.92	4.13	4.27	4.24	-
54	FOOD STORES	204.25	205.57	212.80	210.22	-	6.61	6.74	7.00	6.87	-
541	Grocery stores	213.66	213.98	222.58	218.58	-	6.87	6.97	7.25	7.12	-
546	Retail bakeries	136.83	133.00	138.51	140.54	-	4.67	4.75	4.86	4.88	-
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	216.00	219.91	229.88	228.51	-	5.76	5.88	6.13	6.11	-
551, 2	New and used car dealers	253.93	259.29	271.49	268.16	-	6.63	6.77	7.07	7.02	-
553	Auto and home supply stores	215.33	220.40	232.13	228.83	-	5.33	5.51	5.76	5.65	-
554	Gasoline service stations	163.79	167.32	171.91	172.90	-	4.64	4.74	4.87	4.94	-
56	APPAREL AND ACCESSORY STORES	129.90	127.32	134.43	140.90	-	4.40	4.58	4.75	4.76	-
561	Men's and boys' clothing and furnishings	165.14	165.38	164.47	175.50	-	5.05	5.25	5.34	5.40	-
562	Women's ready-to-wear stores	114.77	113.26	119.61	124.36	-	4.07	4.29	4.43	4.41	-
565	Family clothing stores	122.09	121.58	131.97	135.20	-	4.21	4.47	4.73	4.63	-
566	Shoe stores	140.06	129.72	141.93	151.47	-	4.70	4.60	4.98	5.10	-
57	FURNITURE AND HOME FURNISHINGS STORES	203.70	202.12	210.37	214.81	-	5.82	5.91	6.08	6.12	-
571	Furniture and home furnishings stores	203.90	201.14	209.07	214.64	-	5.76	5.93	6.06	6.15	-
572	Household appliance stores	214.88	212.63	220.19	220.89	-	6.07	6.11	6.22	6.17	-
573	Radio, television, and music stores	197.64	197.94	207.09	211.55	-	5.83	5.98	6.02	6.01	-
58	EATING AND DRINKING PLACES	98.28	98.67	103.86	104.09	-	3.78	3.90	4.01	4.05	-
59	MISCELLANEOUS RETAIL	159.58	157.99	163.80	168.22	-	4.91	5.08	5.20	5.16	-
591	Drug stores and proprietary stores	133.95	133.74	144.83	145.63	-	4.51	4.66	4.96	4.92	-
594	Miscellaneous shopping goods stores	142.46	141.30	147.14	154.72	-	4.48	4.71	4.84	4.79	-
598	Nonstore retailers	204.84	192.47	192.32	199.51	-	5.77	5.85	5.64	5.62	-
598	Fuel and ice dealers	267.58	295.68	278.07	285.05	-	6.74	7.04	7.13	7.18	-
599	Retail stores, nec	166.32	164.96	172.20	180.42	-	4.95	5.06	5.25	5.26	-
-	FINANCE, INSURANCE, AND REAL ESTATE	217.90	222.04	235.66	233.57	237.18	6.00	6.10	6.51	6.47	6.57
60	BANKING	184.91	190.84	202.38	200.01	-	5.08	5.20	5.56	5.51	-
602	Commercial and stock savings banks	182.14	188.05	199.47	196.75	-	4.99	5.11	5.48	5.42	-
61	CREDIT AGENCIES OTHER THAN BANKS	192.72	199.46	211.18	208.99	-	5.28	5.42	5.77	5.71	-
612	Savings and loan associations	181.00	187.46	195.12	191.71	-	5.00	5.15	5.39	5.34	-
614	Personal credit institutions	190.94	200.88	214.23	213.53	-	5.26	5.40	5.79	5.74	-
63	INSURANCE CARRIERS	244.50	248.34	273.02	272.29	-	6.52	6.64	7.30	7.30	-
631	Life insurance	253.05	259.13	286.11	286.09	-	6.73	6.91	7.65	7.67	-
632	Medical service and health insurance	235.16	236.36	260.82	260.06	-	6.14	6.22	6.91	6.79	-
633	Fire, marine, and casualty insurance	239.11	242.43	263.10	262.73	-	6.48	6.57	7.13	7.12	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	WHOLESALE TRADE-DURABLE GOODS—Continued										
505	Metals and minerals, except petroleum	40.8	40.2	39.6	39.9	-	-	-	-	-	
506	Electrical goods	39.8	39.1	39.1	39.7	-	-	-	-	-	
507	Hardware, plumbing, and heating equipment	38.9	38.7	38.6	38.8	-	-	-	-	-	
508	Machinery, equipment, and supplies	39.5	39.2	39.4	39.4	-	-	-	-	-	
509	Miscellaneous durable goods	39.3	38.5	38.7	38.1	-	-	-	-	-	
51	WHOLESALE TRADE-NONDURABLE GOODS ..	38.0	37.8	38.2	38.1	-	-	-	-	-	
511	Paper and paper products	37.1	36.8	37.1	37.1	-	-	-	-	-	
512	Drugs, proprietaries, and sundries	37.3	37.2	37.1	37.4	-	-	-	-	-	
513	Apparel, piece goods, and notions	37.3	36.7	36.9	36.8	-	-	-	-	-	
514	Groceries and related products	38.1	37.9	38.6	38.6	-	-	-	-	-	
516	Chemicals and allied products	39.6	39.2	38.9	38.8	-	-	-	-	-	
517	Petroleum and petroleum products	40.2	40.7	39.6	39.9	-	-	-	-	-	
518	Beer, wine, and distilled beverages	37.6	36.5	36.9	37.0	-	-	-	-	-	
519	Miscellaneous nondurable goods	38.5	38.1	38.2	38.1	-	-	-	-	-	
52-59	RETAIL TRADE	30.5	29.5	29.8	30.2	28.9	-	-	-	-	
52	BUILDING MATERIALS AND GARDEN SUPPLIES	36.9	36.4	36.5	36.8	-	-	-	-	-	
521	Lumber and other building materials	38.8	38.3	38.0	38.1	-	-	-	-	-	
525	Hardware stores	33.8	33.1	33.8	34.7	-	-	-	-	-	
53	GENERAL MERCHANDISE STORES	30.6	28.2	28.8	30.2	-	-	-	-	-	
531	Department stores	30.5	28.2	28.8	30.1	-	-	-	-	-	
533	Variety stores	31.1	28.4	29.2	30.5	-	-	-	-	-	
539	Misc. general merchandise stores	30.8	29.2	29.3	30.8	-	-	-	-	-	
54	FOOD STORES	30.9	30.5	30.4	30.6	-	-	-	-	-	
541	Grocery stores	31.1	30.7	30.7	30.7	-	-	-	-	-	
546	Retail bakeries	29.3	28.0	28.5	28.8	-	-	-	-	-	
55	AUTOMOTIVE DEALERS AND SERVICE STATIONS	37.5	37.4	37.5	37.4	-	-	-	-	-	
551, 2	New and used car dealers	38.3	38.3	38.4	38.2	-	-	-	-	-	
553	Auto and home supply stores	40.4	40.0	40.3	40.5	-	-	-	-	-	
554	Gasoline service stations	35.3	35.3	35.3	35.0	-	-	-	-	-	
56	APPAREL AND ACCESSORY STORES	29.5	27.8	28.3	29.6	-	-	-	-	-	
561	Men's and boys' clothing and furnishings	32.7	31.5	30.8	32.5	-	-	-	-	-	
562	Women's ready-to-wear stores	28.2	26.4	27.0	28.2	-	-	-	-	-	
565	Family clothing stores	29.0	27.2	27.9	29.2	-	-	-	-	-	
566	Shoe stores	29.8	28.2	28.5	29.7	-	-	-	-	-	
57	FURNITURE AND HOME FURNISHINGS STORES	35.0	34.2	34.6	35.1	-	-	-	-	-	
571	Furniture and home furnishings stores	35.4	34.5	34.5	34.9	-	-	-	-	-	
572	Household appliance stores	35.4	34.8	34.8	35.8	-	-	-	-	-	
573	Radio, television, and music stores	33.9	33.1	34.4	35.2	-	-	-	-	-	
58	EATING AND DRINKING PLACES	26.0	25.3	25.9	25.7	-	-	-	-	-	
59	MISCELLANEOUS RETAIL	32.5	31.1	31.5	32.6	-	-	-	-	-	
591	Drug stores and proprietary stores	29.7	28.7	29.2	29.6	-	-	-	-	-	
594	Miscellaneous shopping goods stores	31.8	30.0	30.4	32.3	-	-	-	-	-	
596	Nonstore retailers	35.5	32.9	34.1	35.5	-	-	-	-	-	
598	Fuel and ice dealers	39.7	42.0	39.0	39.7	-	-	-	-	-	
599	Retail stores, nec	33.6	32.6	32.8	34.3	-	-	-	-	-	
-	FINANCE, INSURANCE, AND REAL ESTATE	36.3	36.4	36.2	36.1	36.1	-	-	-	-	
60	BANKING	36.4	36.7	36.4	36.3	-	-	-	-	-	
602	Commercial and stock savings banks	36.5	36.8	36.4	36.3	-	-	-	-	-	
61	CREDIT AGENCIES OTHER THAN BANKS	36.5	36.8	36.6	36.6	-	-	-	-	-	
612	Savings and loan associations	36.2	36.4	36.2	35.9	-	-	-	-	-	
614	Personal credit institutions	36.3	37.2	37.0	37.2	-	-	-	-	-	
63	INSURANCE CARRIERS	37.5	37.4	37.4	37.3	-	-	-	-	-	
631	Life insurance	37.6	37.5	37.4	37.3	-	-	-	-	-	
632	Medical service and health insurance	38.3	38.0	38.3	38.3	-	-	-	-	-	
633	Fire, marine, and casualty insurance	36.9	36.9	36.9	36.9	-	-	-	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

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

1972 SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
-	SERVICES	\$199.51	\$201.83	\$216.78	\$216.79	\$217.32	\$6.12	\$6.21	\$6.67	\$6.65	\$6.77
	HOTELS AND OTHER LODGING PLACES:										
701	Hotels, motels, and tourist courts	139.83	142.38	151.78	148.39	-	4.74	4.81	4.96	5.03	-
	PERSONAL SERVICES:										
721	Laundry, cleaning, and garment services	156.96	157.51	164.98	168.66	-	4.63	4.73	4.91	4.99	-
723	Beauty shops	135.75	132.16	142.80	144.48	-	4.51	4.48	4.76	4.80	-
73	BUSINESS SERVICES	202.99	205.71	219.72	221.44	-	6.17	6.31	6.74	6.69	-
731	Advertising	299.88	301.11	324.83	323.63	-	8.40	8.53	9.15	8.94	-
734	Services to buildings	144.35	145.24	151.15	151.80	-	5.23	5.32	5.63	5.50	-
737	Computer and data processing services	274.91	275.26	307.56	306.31	-	7.41	7.48	8.29	8.19	-
75	AUTO REPAIR, SERVICES, AND GARAGES	235.98	237.25	247.78	250.99	-	6.21	6.26	6.59	6.64	-
753	Automotive repair shops	260.24	262.38	276.51	279.89	-	6.69	6.77	7.09	7.14	-
76	MISCELLANEOUS REPAIR SERVICES	286.44	292.11	302.25	310.06	-	7.27	7.49	7.79	7.81	-
78	MOTION PICTURES	251.35	250.13	255.14	265.77	-	9.14	9.03	9.52	9.88	-
781	Motion picture production and services	512.71	515.20	517.06	544.78	-	12.98	13.01	13.43	14.15	-
79	AMUSEMENT AND RECREATION SERVICES ..	177.61	177.31	192.04	186.48	-	5.98	5.95	6.38	6.30	-
80	HEALTH SERVICES	195.16	199.70	214.84	214.18	-	5.95	6.07	6.57	6.57	-
801	Offices of physicians	203.36	205.68	214.37	213.44	-	6.20	6.29	6.72	6.67	-
802	Offices of dentists	169.29	176.03	182.54	182.45	-	5.94	6.07	6.45	6.47	-
805	Nursing and personal care facilities	132.25	138.26	144.14	144.46	-	4.28	4.46	4.62	4.63	-
806	Hospitals	216.28	220.32	241.37	240.99	-	6.38	6.48	7.12	7.13	-
81	LEGAL SERVICES	263.50	268.41	290.34	286.28	-	7.66	7.78	8.44	8.25	-
89	MISCELLANEOUS SERVICES	340.74	344.32	374.14	373.25	-	8.92	8.99	9.82	9.72	-
891	Engineering and architectural services	372.09	379.08	411.45	412.78	-	9.59	9.77	10.55	10.53	-
893	Accounting, auditing, and bookkeeping	285.75	287.96	309.30	311.38	-	7.50	7.46	8.27	8.13	-

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

² Beginning January 1978, data relate to line haul railroads with operating revenues of \$50,000,000 or more.

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 1977, such employees made up 20 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 craft persons; installation and exchange repair craft persons; line, cable and conduit craft persons; and laborers. In 1977, such employees made up 37 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵ Money payments only; tips, not included.

⁶ Data for nonoffice sales agents excluded from all series in this division.

- Data not available.

p = preliminary.

NOTE: Data from April 1980 forward are subject to revision when more recent benchmark data are introduced. See "Benchmark adjustment" in the Explanatory notes of this publication.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

1972 SIC Code	Industry	Average weekly hours					Average overtime hours				
		Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
-	SERVICES	32.6	32.5	32.5	32.6	32.1	-	-	-	-	-
701	HOTELS AND OTHER LODGING PLACES: Hotels, motels, and tourist courts	29.5	29.6	30.6	29.5	-	-	-	-	-	-
721	PERSONAL SERVICES: Laundry, cleaning, and garment services	33.9	33.3	33.6	33.8	-	-	-	-	-	
723	Beauty shops	30.1	29.5	30.0	30.1	-	-	-	-	-	
73	BUSINESS SERVICES	32.9	32.6	32.6	33.1	-	-	-	-	-	
731	Advertising	35.7	35.3	35.5	36.2	-	-	-	-	-	
734	Services to buildings	27.6	27.3	26.9	27.6	-	-	-	-	-	
737	Computer and data processing services	37.1	36.8	37.1	37.4	-	-	-	-	-	
75	AUTO REPAIR, SERVICES, AND GARAGES	38.0	37.9	37.6	37.8	-	-	-	-	-	
753	Automotive repair shops	38.9	38.8	39.0	39.2	-	-	-	-	-	
76	MISCELLANEOUS REPAIR SERVICES	39.4	39.0	38.8	39.7	-	-	-	-	-	
78	MOTION PICTURES	27.5	27.7	26.8	26.9	-	-	-	-	-	
781	Motion picture production and services	39.5	39.6	38.5	38.5	-	-	-	-	-	
79	AMUSEMENT AND RECREATION SERVICES	29.7	29.8	30.1	29.6	-	-	-	-	-	
80	HEALTH SERVICES	32.8	32.9	32.7	32.6	-	-	-	-	-	
801	Offices of physicians	32.8	32.7	31.9	32.0	-	-	-	-	-	
802	Offices of dentists	28.5	29.0	28.3	28.2	-	-	-	-	-	
805	Nursing and personal care facilities	30.9	31.0	31.2	31.2	-	-	-	-	-	
806	Hospitals	33.9	34.0	33.9	33.8	-	-	-	-	-	
81	LEGAL SERVICES	34.4	34.5	34.4	34.7	-	-	-	-	-	
89	MISCELLANEOUS SERVICES	38.2	38.3	38.1	38.4	-	-	-	-	-	
891	Engineering and architectural services	38.8	38.8	39.0	39.2	-	-	-	-	-	
893	Accounting, auditing, and bookkeeping	38.1	38.6	37.4	38.3	-	-	-	-	-	

ESTABLISHMENT DATA HOURS AND EARNINGS

C-3. Average hourly earnings excluding overtime of production workers on manufacturing payrolls by industry

Major industry group	Average hourly earnings excluding overtime				
	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
MANUFACTURING	\$7.40	\$7.46	\$7.93	\$7.98	\$8.14
DURABLE GOODS	7.90	7.95	8.48	8.52	8.62
Lumber and wood products	6.48	6.56	6.94	6.94	-
Furniture and fixtures	5.54	5.57	5.92	5.96	-
Stone, clay, and glass products	7.48	7.54	8.18	8.21	-
Primary metal industries	9.95	9.96	10.78	10.77	-
Fabricated metal products	7.58	7.62	8.18	8.28	-
Machinery, except electrical	8.13	8.19	8.78	8.84	-
Electric and electronic equipment	7.13	7.20	7.66	7.70	-
Transportation equipment	9.60	9.59	10.31	10.32	-
Instruments and related products	6.90	6.98	7.49	7.51	-
Miscellaneous manufacturing industries	5.57	5.69	5.95	6.06	-
NONDURABLE GOODS	6.63	6.72	7.13	7.20	7.44
Food and kindred products	6.81	6.87	7.29	7.37	-
Tobacco manufactures	7.85	8.22	8.71	8.76	-
Textile mill products	5.12	5.14	5.54	5.55	-
Apparel and other textile products	4.73	4.82	4.98	4.97	-
Paper and allied products	7.83	7.84	8.47	8.53	-
Printing and publishing	7.59	7.68	8.16	8.18	-
Chemicals and allied products	8.35	8.40	9.08	9.16	-
Petroleum and coal products	9.95	10.63	11.04	11.14	-
Rubber and misc. plastics products	6.69	6.78	7.17	7.27	-
Leather and leather products	4.65	4.76	5.01	5.05	-

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

p = preliminary.

NOTE: The spendable earnings series shown below will be discontinued after the March issue. See page 4 in this issue.

C-4. Gross and spendable average weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry division, in current and constant (1977) dollars

Industry	Gross average weekly earnings			Spendable average weekly earnings ²					
	Dec. 1980	Nov. 1981	Dec. 1981P	Worker with no dependents			Married worker with 3 dependents		
				Dec. 1980	Nov. 1981	Dec. 1981P	Dec. 1980	Nov. 1981	Dec. 1981P
TOTAL PRIVATE:									
Current dollars	\$247.06	\$261.85	\$261.89	\$197.18	\$208.07	\$208.09	\$215.47	\$226.30	\$226.33
Constant (1977) dollars	173.38	169.48	169.07	138.37	134.67	134.34	151.21	146.47	146.11
MINING:									
Current dollars	422.04	461.61	466.37	309.66	335.94	338.85	343.63	371.98	375.29
Constant (1977) dollars	296.17	298.78	301.08	217.31	217.44	218.75	241.14	240.76	242.28
CONSTRUCTION:									
Current dollars	384.28	411.44	414.03	287.05	305.31	306.90	317.23	336.58	338.41
Constant (1977) dollars	269.67	266.30	267.29	201.44	197.61	198.13	222.62	217.85	218.47
MANUFACTURING:									
Current dollars	314.16	324.72	329.18	242.86	250.68	253.57	266.14	273.69	276.97
Constant (1977) dollars	220.46	210.17	212.51	170.43	162.25	163.70	186.76	177.15	178.81
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	372.00	395.75	394.74	279.70	295.74	295.12	308.29	325.51	324.80
Constant (1977) dollars	261.05	256.15	254.84	196.28	191.42	190.52	216.34	210.69	209.68
WHOLESALE AND RETAIL TRADE:									
Current dollars	182.65	192.36	193.20	150.84	158.06	158.68	167.01	172.73	173.39
Constant (1977) dollars	128.18	124.50	124.73	105.85	102.30	102.44	117.20	111.80	111.94
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	217.80	235.66	233.57	176.46	189.59	180.11	193.18	206.33	204.74
Constant (1977) dollars	152.84	152.53	150.79	123.83	122.71	121.44	135.56	133.55	132.18
SERVICES:									
Current dollars	199.51	216.78	216.79	163.13	175.89	175.99	178.94	181.81	181.82
Constant (1977) dollars	140.01	140.31	139.95	114.48	113.91	114.62	125.57	124.15	123.83

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

² Spendable earnings are calculated by taking the average weekly pay for all production or nonsupervisory jobs, both full-time and part-time, and then deducting social security and Federal income taxes applicable to a single worker or to a married worker with three dependents who earned

this amount (see Explanatory Notes for the establishment data in the back of this publication). A technical note on the calculation and uses of the spendable earnings series is available on request.

p=preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry division and major manufacturing group

(1977=100)

Industry division and group	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	Hours				
TOTAL PRIVATE	109.9	105.6	109.0	108.7	101.1
GOODS-PRODUCING	104.3	99.4	101.2	99.0	87.0
MINING	129.2	127.9	142.3	143.4	133.0
CONSTRUCTION	114.3	100.7	114.4	107.4	82.8
MANUFACTURING	101.2	97.8	96.7	95.3	85.7
DURABLE GOODS	102.1	98.4	95.9	94.4	85.4
Lumber and wood products	92.4	88.8	80.5	78.7	65.3
Furniture and fixtures	101.0	96.9	97.8	98.7	80.6
Stone, clay, and glass products	95.0	89.2	90.6	85.9	74.9
Primary metal industries	95.7	94.8	86.2	83.5	79.7
Fabricated metal products	100.2	96.1	93.5	92.0	83.5
Machinery, except electrical	113.3	110.8	109.8	110.3	102.6
Electric and electronic equipment	110.0	106.9	105.4	104.7	96.5
Transportation equipment	95.3	89.4	85.0	83.1	73.0
Instruments and related products	114.7	112.3	111.7	111.3	103.7
Miscellaneous manufacturing industries	91.0	87.0	96.2	91.2	79.5
NONDURABLE GOODS	99.9	96.8	97.9	96.6	86.2
Food and kindred products	100.2	96.1	99.8	98.3	91.2
Tobacco manufactures	102.5	99.8	106.5	101.1	93.5
Textile mill products	93.9	90.9	87.6	85.9	65.5
Apparel and other textile products	94.7	91.2	95.3	91.6	72.7
Paper and allied products	102.6	99.7	98.1	98.4	93.1
Printing and publishing	111.8	107.4	109.9	112.8	106.5
Chemicals and allied products	101.5	100.2	100.0	100.1	95.8
Petroleum and coal products	101.2	99.1	99.4	96.1	94.7
Rubber and misc. plastics products	102.8	101.0	98.9	97.3	89.4
Leather and leather products	88.4	86.5	89.5	84.8	77.4
SERVICE-PRODUCING	112.9	109.0	113.3	114.1	108.8
TRANSPORTATION AND PUBLIC UTILITIES	107.4	103.7	105.3	104.3	100.2
WHOLESALE AND RETAIL TRADE	111.1	104.1	108.8	111.3	103.2
WHOLESALE TRADE	112.0	109.9	112.2	111.8	107.8
RETAIL TRADE	110.7	101.8	107.4	111.1	101.5
FINANCE, INSURANCE, AND REAL ESTATE	116.1	116.2	117.9	117.5	116.9
SERVICES	116.3	114.8	120.2	120.1	116.4

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

Preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-5. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry division and major manufacturing group—Continued

(1977=100)

Industry division and group	Dec. 1980	Jan. 1981	Nov. 1981	Dec. 1981P	Jan. 1982P
	Payrolls				
TOTAL PRIVATE	145.2	141.3	154.9	154.1	145.0
GOODS-PRODUCING	140.7	134.4	146.3	143.7	128.1
MINING	177.9	180.0	213.6	215.0	202.7
CONSTRUCTION	145.7	129.5	157.0	148.2	118.2
MANUFACTURING	137.1	133.1	139.5	138.4	126.5
DURABLE GOODS	138.5	133.7	138.4	137.1	124.7
Lumber and wood products	122.2	118.3	112.9	110.3	94.7
Furniture and fixtures	132.7	127.5	136.2	138.6	115.4
Stone, clay, and glass products	128.0	120.7	133.1	126.3	111.0
Primary metal industries	133.8	132.6	129.2	125.1	120.0
Fabricated metal products	133.7	128.2	133.4	132.8	120.8
Machinery, except electrical	154.0	151.0	159.6	162.0	150.6
Electric and electronic equipment	150.6	146.9	153.8	153.9	142.6
Transportation equipment	131.9	122.1	124.3	121.7	106.0
Instruments and related products	154.5	152.6	162.5	162.3	151.9
Miscellaneous manufacturing industries	119.7	116.1	135.1	130.0	115.5
NONDURABLE GOODS	134.7	132.1	141.5	140.8	129.8
Food and kindred products	133.1	129.0	141.8	141.0	132.9
Tobacco manufactures	149.9	153.1	172.2	162.7	154.0
Textile mill products	125.7	122.0	126.2	123.4	94.8
Apparel and other textile products	125.7	123.0	133.1	127.5	103.8
Paper and allied products	142.3	138.3	146.3	147.9	141.5
Printing and publishing	143.9	138.9	151.5	156.1	149.0
Chemicals and allied products	137.1	136.2	146.3	147.3	144.0
Petroleum and coal products	134.1	140.1	146.9	141.4	145.7
Rubber and misc. plastics products	138.6	137.7	141.6	141.1	131.6
Leather and leather products	116.3	116.5	126.6	120.8	111.7
SERVICE-PRODUCING	148.4	146.2	161.0	161.4	157.0
TRANSPORTATION AND PUBLIC UTILITIES	142.8	138.4	151.7	150.2	145.0
WHOLESALE AND RETAIL TRADE	145.8	141.2	153.4	156.0	148.7
WHOLESALE TRADE	150.1	149.2	162.5	161.9	158.6
RETAIL TRADE	143.5	136.9	148.5	152.8	143.4
FINANCE, INSURANCE, AND REAL ESTATE	153.3	156.1	168.9	167.5	169.2
SERVICES	153.0	153.3	172.3	171.7	169.3

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS**

**C-6. Average weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls
by industry division and major manufacturing group, seasonally adjusted**

Industry	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
TOTAL PRIVATE	35.3	35.2	35.3	35.4	35.3	35.2	35.3	35.2	34.9	35.0	35.0	34.9	34.1
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MANUFACTURING	40.1	39.8	39.9	40.2	40.3	40.1	40.0	40.0	39.3	39.5	39.3	39.0	36.9
<i>Overtime hours</i>	3.0	2.8	2.8	2.9	3.2	3.0	3.0	3.0	2.7	2.7	2.5	2.4	2.2
DURABLE GOODS	40.6	40.1	40.4	40.8	40.8	40.5	40.5	40.5	39.7	39.9	39.7	39.3	37.5
<i>Overtime hours</i>	3.0	2.8	2.8	3.0	3.2	3.0	3.0	3.0	2.6	2.6	2.4	2.4	2.1
Lumber and wood products	39.8	39.1	39.1	39.6	39.8	39.0	38.8	38.6	37.3	37.6	37.5	37.8	34.6
Furniture and fixtures	38.5	38.6	38.6	38.8	39.0	38.9	38.5	38.6	37.5	38.1	37.7	37.6	32.8
Stone, clay, and glass products	41.3	40.6	40.7	41.2	41.0	40.8	40.9	40.8	40.3	40.0	40.0	39.6	38.0
Primary metal industries	41.1	40.7	41.0	41.2	41.0	40.8	40.5	40.7	40.6	39.8	39.7	39.2	38.0
Fabricated metal products	40.5	40.2	40.4	40.9	40.9	40.7	40.5	40.5	39.5	40.0	39.6	39.3	37.9
Machinery, except electrical	41.1	40.8	40.9	41.3	41.4	41.1	41.1	41.2	40.3	40.7	40.6	40.3	39.0
Electric and electronic equipment	40.1	39.6	40.0	40.2	40.4	40.2	40.5	40.4	39.6	39.9	39.3	39.3	37.6
Transportation equipment	41.3	40.5	40.9	42.0	41.8	41.4	41.2	41.3	39.9	40.5	40.3	39.4	37.5
Instruments and related products	40.6	40.5	40.5	40.1	40.4	40.4	40.5	40.8	40.5	40.4	40.3	39.7	38.0
Miscellaneous manufacturing ind	38.8	38.6	38.7	38.9	39.2	39.1	39.2	39.1	38.4	39.0	39.0	38.4	36.7
NONDURABLE GOODS	39.5	39.2	39.2	39.3	39.6	39.4	39.3	39.3	38.9	39.0	38.8	38.6	36.1
<i>Overtime hours</i>	3.0	2.9	2.8	2.9	3.1	3.0	2.9	2.9	2.8	2.8	2.7	2.5	2.4
Food and kindred products	40.3	39.9	39.7	40.1	40.0	39.8	39.4	39.4	39.2	39.5	39.6	39.7	39.0
Tobacco manufactures	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products	40.0	40.0	39.9	39.8	40.5	40.2	40.4	40.3	38.9	39.3	38.8	38.2	30.7
Apparel and other textile products	36.1	35.6	35.7	35.5	36.0	36.1	35.9	36.1	35.2	35.7	35.6	35.1	29.9
Paper and allied products	42.6	42.4	42.4	42.6	42.8	42.7	42.7	42.7	43.1	42.4	41.9	41.8	40.8
Printing and publishing	37.5	37.3	37.1	37.3	37.6	37.4	37.3	37.3	37.1	37.1	36.9	37.3	36.4
Chemicals and allied products	41.6	41.6	41.5	41.5	41.7	41.7	41.8	41.7	42.3	41.5	41.3	41.5	40.4
Petroleum and coal products	43.8	43.8	43.5	44.1	43.8	43.4	43.1	42.8	43.3	42.1	42.3	42.7	45.2
Rubber and misc. plastics products	40.9	40.3	40.5	40.7	41.3	41.0	40.5	40.6	39.6	40.0	39.6	39.3	37.2
Leather and leather products	36.8	37.0	37.1	36.6	37.1	37.4	36.5	36.9	36.1	36.8	36.7	36.1	35.1
TRANSPORTATION AND PUBLIC UTILITIES	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
WHOLESALE AND RETAIL TRADE	32.2	32.2	32.2	32.3	32.1	32.1	32.2	32.1	32.1	31.9	32.0	31.9	31.5
WHOLESALE TRADE	38.8	38.6	38.6	38.6	38.5	38.5	38.7	38.6	38.5	38.5	38.6	38.4	37.9
RETAIL TRADE	30.1	30.2	30.2	30.3	30.1	30.1	30.1	30.1	30.1	29.9	29.9	29.8	29.5
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	32.7	32.8	32.8	32.8	32.7	32.5	32.5	32.4	32.4	32.5	32.6	32.7	32.3

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

² This series is not published seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p=preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED

C-7. Indexes of aggregate weekly hours of production or nonsupervisory workers' on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted

(1977=100)

Industry division and group	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. p	Jan. p
TOTAL PRIVATE	108.2	107.9	108.4	108.9	108.9	108.7	109.4	109.2	108.6	108.4	108.0	106.8	103.9
GOODS-PRODUCING	102.4	100.9	102.4	102.8	103.1	102.6	103.5	103.4	101.1	100.8	99.3	97.0	90.3
MINING	130.1	128.6	128.2	112.0	113.3	128.0	136.5	139.8	139.0	140.1	141.1	143.5	136.4
CONSTRUCTION	113.9	109.1	116.6	115.8	112.9	109.3	110.9	110.0	105.2	109.8	111.0	108.4	98.3
MANUFACTURING	98.9	98.0	98.4	99.9	100.7	100.2	100.5	100.4	98.5	97.2	95.1	92.6	86.6
DURABLE GOODS	99.0	97.8	98.6	100.7	101.1	100.6	100.9	100.9	98.6	96.9	94.1	91.0	85.7
Lumber and wood products	93.2	91.7	91.9	94.5	96.1	92.9	92.5	89.8	85.5	82.7	79.6	77.8	68.8
Furniture and fixtures	96.6	97.4	97.4	100.5	102.6	102.6	102.3	102.3	98.4	98.4	95.1	93.8	80.1
Stone, clay, and glass products	94.6	92.8	92.7	94.8	94.5	93.9	94.5	94.6	92.5	90.0	88.2	85.0	79.5
Primary metal industries	94.6	94.0	94.7	95.7	94.8	94.6	93.5	94.4	93.6	89.0	86.4	82.5	79.6
Fabricated metal products	96.2	95.3	96.2	98.2	98.7	98.4	98.8	98.4	95.5	94.3	91.3	88.1	83.5
Machinery, except electrical	109.8	108.7	109.1	110.5	111.8	111.5	111.7	112.9	110.9	111.3	109.1	106.3	101.6
Electric and electronic equipment	106.5	105.3	107.0	108.4	109.6	109.2	110.9	110.5	108.2	107.8	103.1	100.7	96.0
Transportation equipment	89.1	86.8	88.7	93.3	92.2	91.9	91.1	91.6	88.8	84.7	82.4	76.9	72.5
Instruments and related products	112.3	111.2	111.5	110.9	112.0	111.7	113.3	113.9	113.0	112.0	110.4	108.7	103.6
Miscellaneous manufacturing ind	91.2	90.7	90.6	92.0	92.4	92.2	95.4	92.8	91.4	92.2	92.2	90.8	83.1
NONDURABLE GOODS	98.9	98.3	98.1	98.7	100.1	99.5	99.8	99.5	98.5	97.8	96.4	95.1	88.0
Food and kindred products	100.9	100.4	99.0	100.5	100.8	98.1	98.4	96.8	96.3	97.8	98.0	97.7	95.7
Tobacco manufactures	98.4	98.1	96.5	96.5	98.4	98.3	103.2	110.1	103.3	98.1	95.8	93.3	93.9
Textile mill products	91.2	90.9	90.7	90.7	92.6	92.1	93.7	92.7	89.6	88.7	86.1	83.6	65.7
Apparel and other textile products	95.4	94.0	94.3	94.1	96.0	96.8	97.6	97.2	95.0	95.2	94.1	91.4	76.1
Paper and allied products	99.9	99.2	99.1	99.9	100.8	100.7	100.9	101.1	103.0	99.2	97.3	96.2	93.5
Printing and publishing	108.5	108.2	107.8	108.5	109.5	108.8	108.8	109.3	109.3	109.3	108.4	109.6	107.5
Chemicals and allied products	100.8	101.1	101.0	101.2	102.0	102.5	102.4	102.2	103.8	101.0	99.6	99.1	96.0
Petroleum and coal products	104.6	104.6	103.9	105.3	105.4	102.9	102.2	100.7	101.1	97.6	97.3	97.4	99.9
Rubber and misc. plastics products	100.4	99.3	100.1	102.2	105.3	104.7	103.6	105.0	101.7	100.1	97.0	94.7	88.9
Leather and leather products	88.5	89.5	89.3	88.5	90.6	91.4	91.4	91.5	89.5	90.8	89.2	84.6	79.2
SERVICE-PRODUCING	111.3	111.7	111.8	112.3	112.0	112.1	112.6	112.5	112.8	112.7	112.8	112.2	111.4
TRANSPORTATION AND PUBLIC UTILITIES	105.0	105.4	105.1	105.4	104.9	106.2	106.0	105.2	105.5	104.0	104.7	102.7	102.1
WHOLESALE AND RETAIL TRADE	106.6	106.8	106.9	107.2	106.9	107.0	107.8	107.9	108.0	107.7	107.3	106.2	105.8
WHOLESALE TRADE	111.5	111.1	111.1	111.4	111.4	111.3	112.3	112.1	111.8	111.6	111.8	110.8	109.0
RETAIL TRADE	104.7	105.2	105.4	105.6	105.2	105.3	106.0	106.2	106.6	106.2	105.5	104.5	104.5
FINANCE, INSURANCE, AND REAL ESTATE	117.3	117.4	117.5	117.8	117.4	117.6	118.1	118.7	118.3	118.5	118.2	117.9	117.9
SERVICES	117.7	118.2	118.4	119.3	119.2	118.7	119.3	119.0	119.6	120.1	120.8	121.1	119.7

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

p=preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED

C-8. Hourly Earnings Index and average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, seasonally adjusted

Industry	1981												1982
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. P	Jan. P
Hourly Earnings Index ² (1977=100)													
TOTAL PRIVATE (In current dollars)	133.8	135.0	135.8	136.7	137.7	138.4	139.0	140.7	141.5	141.9	143.2	143.3	144.8
MINING	142.1	143.2	144.0	145.7	145.6	147.2	148.9	149.4	151.5	151.3	153.3	152.7	154.5
CONSTRUCTION	127.6	128.0	128.6	129.0	129.4	130.4	131.8	132.5	132.9	134.3	135.4	136.1	140.8
MANUFACTURING	136.5	137.5	138.5	139.9	140.7	141.6	142.5	143.6	144.8	145.5	146.4	146.8	148.3
TRANSPORTATION AND PUBLIC UTILITIES	133.7	135.4	136.1	137.3	138.9	139.8	139.3	141.8	141.7	142.0	144.0	144.2	145.1
WHOLESALE AND RETAIL TRADE	133.7	135.0	135.8	136.4	137.4	137.8	138.4	140.0	141.2	140.5	141.5	141.4	142.0
FINANCE, INSURANCE, AND REAL ESTATE	133.2	135.0	136.0	135.4	136.8	137.1	137.4	140.4	140.3	140.9	143.2	142.1	143.3
SERVICES	132.0	133.2	134.0	134.8	136.0	136.6	136.9	139.4	139.8	140.7	142.6	142.4	143.7
TOTAL PRIVATE (In 1977 dollars) ⁴	92.8	92.7	92.8	93.0	93.1	92.9	92.2	92.7	92.1	92.0	92.4	92.1	-
Average hourly earnings													
TOTAL PRIVATE	\$6.99	\$7.04	\$7.09	\$7.14	\$7.18	\$7.23	\$7.26	\$7.34	\$7.37	\$7.39	\$7.45	\$7.44	\$7.50
MINING	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
CONSTRUCTION	10.39	10.44	10.49	10.52	10.57	10.69	10.77	10.85	10.88	11.01	11.09	11.16	11.54
MANUFACTURING	7.69	7.74	7.80	7.90	7.95	7.99	8.02	8.08	8.14	8.15	8.18	8.18	8.34
TRANSPORTATION AND PUBLIC UTILITIES	9.33	9.44	9.48	9.57	9.67	9.74	9.71	9.88	9.88	9.89	9.99	10.02	10.12
WHOLESALE AND RETAIL TRADE	5.72	5.78	5.81	5.84	5.89	5.91	5.93	5.99	6.05	6.02	6.05	6.07	6.07
FINANCE, INSURANCE, AND REAL ESTATE	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SERVICES	6.15	6.20	6.24	6.27	6.32	6.38	6.42	6.51	6.52	6.58	6.64	6.64	6.70
Average weekly earnings													
TOTAL PRIVATE:													
Current dollars	246.75	247.81	250.28	252.76	253.45	254.50	256.28	258.37	257.21	258.65	260.75	259.66	255.75
1977 dollars ⁴	171.12	170.20	170.96	172.06	171.37	170.92	170.06	170.20	167.45	167.74	168.23	166.98	-
Real spendable earnings (married worker with 3 dependents, 1977 dollars) ^{4, 6}	148.38	147.49	147.96	148.73	148.07	147.62	146.74	146.71	144.43	145.18	145.46	144.46	-

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

² The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

³ The unadjusted data are shown because the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

⁴ The deflator for these series is derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W).

⁵ See footnote 2, table C-6.

⁶ See footnote 2, table C-4.

p=preliminary.

C-9. Hours of wage and salary workers¹ in nonagricultural establishments by industry division

Industry division	Millions of hours (Annual rate) ²			Percent change		
	November 1981	December 1981	January 1982p	Jan. 1981 to Jan. 1982	Nov. 1981 to Dec. 1981	Dec. 1981 to Jan. 1982
TOTAL	170,053	169,849	165,440	-4.3	-0.1	-2.6
PRIVATE SECTOR	139,831	138,626	136,078	-3.4	-0.9	-1.8
MINING	2,702	2,792	2,695	5.0	3.3	-3.5
CONSTRUCTION	8,236	8,137	7,690	-15.2	-1.2	-5.5
MANUFACTURING	41,138	40,592	38,879	-8.5	-1.3	-4.2
DURABLE GOODS	24,830	24,392	23,478	-9.0	-1.8	-3.7
NONDURABLE GOODS	16,308	16,200	15,401	-7.7	-0.7	-4.9
TRANSPORTATION AND PUBLIC UTILITIES	10,544	10,403	10,340	-2.7	-1.3	-0.6
WHOLESALE AND RETAIL TRADE	35,021	34,519	34,650	-0.4	-1.4	0.4
FINANCE, INSURANCE, AND REAL ESTATE	10,118	10,114	10,091	1.0	0.0	-0.2
SERVICES	32,073	32,068	31,733	1.5	0.0	-1.0
GOVERNMENT	30,222	31,223	29,362	-8.3	3.3	-6.0

¹ Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

² "Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

**PRODUCTIVITY
SEASONALLY ADJUSTED**

**C-10. Indexes of output and compensation per hour, unit costs, and prices,
private business sector, seasonally adjusted**

(1977 = 100)

Item	Annual average		Quarterly indexes										
	1980	1981	1979			1980				1981			
			II	III	IV	I	II	III	IV	I	II	III	IV
PRIVATE BUSINESS SECTOR:													
Output per hour of all persons	99.3	p100.4	99.7	99.4	99.1	99.5	99.1	99.4	99.1	100.3	r101.2	100.9	p 99.0
Output	106.8	p108.9	107.1	107.7	108.2	108.7	105.4	105.7	107.5	109.5	109.5	109.4	p107.3
Hours	107.5	p108.5	107.4	108.4	109.1	109.2	106.4	106.3	108.4	109.2	r108.2	r108.4	p108.4
Compensation per hour	131.5	p144.6	118.1	120.7	123.2	126.4	130.1	133.1	135.9	r139.8	r143.3	r146.5	p148.5
Real compensation per hour	96.7	p 96.4	100.3	99.2	98.0	96.7	r96.6	96.9	96.0	96.1	r96.9	r96.3	p 95.8
Unit labor costs	132.4	p144.1	118.5	121.4	124.3	127.0	131.3	133.9	r137.1	139.4	141.6	r145.2	p150.0
Unit nonlabor payments	118.3	p130.0	110.4	111.5	112.2	115.2	116.0	119.7	122.7	127.6	129.3	r132.4	p130.6
Implicit price deflator	127.6	p139.3	115.8	118.1	120.2	123.0	126.1	129.1	132.2	135.4	137.5	r140.9	p143.5
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	98.8	p 99.7	99.1	98.9	98.8	98.9	98.2	99.0	99.0	100.0	100.4	99.9	p 98.0
Output	106.8	p108.7	107.1	107.8	108.2	108.5	105.1	105.8	107.7	109.7	109.4	r109.0	p106.7
Hours	108.1	p109.1	108.0	109.0	109.4	r109.7	r107.0	106.9	108.8	109.7	109.0	109.1	p108.8
Compensation per hour	130.8	p143.9	117.7	120.2	123.0	126.0	129.4	132.3	135.4	r139.2	142.4	r145.7	p148.0
Real compensation per hour	96.2	p 95.9	100.0	98.8	97.8	96.4	96.0	96.3	r95.7	95.7	96.3	r95.8	p 95.5
Unit labor costs	132.4	p144.4	118.7	121.5	124.4	127.4	131.8	133.6	136.8	139.1	141.9	r145.8	p151.0
Unit nonlabor payments	117.6	p129.8	107.7	109.2	110.1	113.9	115.1	119.2	122.0	127.8	128.7	r132.2	p130.9
Implicit price deflator	127.4	p139.6	115.1	117.4	119.7	122.9	126.3	128.8	131.9	135.3	137.5	r141.2	p144.3
MANUFACTURING:													
Output per hour of all persons	101.7	p104.4	102.3	102.0	102.1	102.0	100.7	100.7	103.2	r104.2	r105.2	105.5	p102.4
Output	103.6	p106.3	108.5	108.5	108.2	108.0	101.6	99.9	105.1	r107.0	r107.8	r107.8	p102.4
Hours	101.9	p101.8	106.1	106.4	106.0	105.9	100.9	99.2	101.8	r102.7	r102.5	r102.2	p100.0
Compensation per hour	131.6	p146.2	118.6	119.8	122.3	125.4	130.0	133.9	137.3	r141.1	r144.8	r148.0	p150.7
Real compensation per hour	r96.8	p 97.4	100.7	98.5	97.2	r96.0	r96.5	97.5	97.0	r97.1	r 97.9	r97.3	p 97.2
Unit labor costs	129.4	p140.0	115.9	117.5	119.8	122.9	r129.0	133.0	133.0	r135.5	r137.6	r140.3	p147.1
DURABLE GOODS													
Output per hour of all persons	r99.7	p102.8	101.6	100.1	100.3	99.9	r99.0	r98.4	r101.2	r102.5	r103.8	r103.9	p100.6
Output	102.9	p105.7	110.4	109.5	109.1	108.4	100.7	98.1	r104.2	106.4	r107.7	107.4	p101.2
Hours	r103.2	p102.8	108.6	r109.3	108.7	108.5	r101.8	r99.7	r103.0	r103.9	r103.7	r103.3	p100.6
Compensation per hour	r131.7	p146.9	118.4	119.3	121.5	r125.2	r130.0	r134.2	r137.8	r141.7	r145.3	r148.7	p151.5
Real compensation per hour	r96.9	p 97.9	100.6	98.1	96.6	r95.8	r96.5	r97.7	r97.4	r97.4	r 98.3	r97.7	p 97.7
Unit labor costs	132.1	p142.9	116.6	119.2	121.1	r125.2	131.4	136.4	136.2	138.3	r140.0	r143.0	p150.6
NONDURABLE GOODS													
Output per hour of all persons	104.9	p106.9	103.5	105.0	104.9	105.3	r103.4	104.3	106.4	106.9	107.4	108.0	p105.2
Output	104.8	p107.1	105.9	107.0	107.0	107.4	102.9	102.6	106.3	107.8	r108.0	r108.5	p104.3
Hours	99.9	p100.2	102.2	101.9	102.0	r102.0	r99.5	98.4	99.9	100.9	100.6	100.5	p 99.1
Compensation per hour	r130.9	p144.7	118.2	119.9	122.9	125.0	129.6	133.3	136.0	r139.7	r143.3	r146.4	p149.1
Real compensation per hour	96.3	p 96.4	r100.3	r98.5	97.7	95.7	96.2	97.1	96.1	r96.1	96.9	96.2	p 96.2
Unit labor costs	124.8	p135.3	114.1	114.2	117.2	118.7	125.3	127.8	127.8	130.7	r133.5	r135.6	p141.7
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	101.0	N.A.	100.7	100.5	99.9	100.2	100.1	101.8	101.8	103.3	103.9	r103.8	N.A.
Output	108.5	N.A.	109.0	109.4	109.3	109.9	106.8	107.7	109.7	112.8	112.8	r112.8	N.A.
Hours	107.5	N.A.	108.3	108.9	109.4	109.6	106.7	105.8	107.8	109.1	108.6	108.7	N.A.
Compensation per hour	130.9	N.A.	117.6	120.1	122.7	125.7	129.3	132.5	135.5	139.2	142.3	r145.5	N.A.
Real compensation per hour	96.1	N.A.	99.9	98.7	97.5	96.2	95.9	96.5	95.7	95.7	96.2	95.6	N.A.
Total unit costs	129.7	N.A.	115.3	118.2	121.3	124.2	129.2	131.1	134.1	136.0	138.7	142.2	N.A.
Unit labor costs	129.4	N.A.	116.8	119.5	122.8	125.4	129.1	130.2	133.1	134.7	137.0	140.2	N.A.
Unit nonlabor costs	130.2	N.A.	111.2	114.6	117.2	120.9	129.3	133.8	136.9	139.5	143.6	r147.7	N.A.
Unit profits	90.2	N.A.	100.7	97.5	92.2	95.5	83.4	89.1	92.4	106.8	102.8	r106.7	N.A.
Implicit price deflator	125.2	N.A.	113.7	115.9	118.1	121.0	124.1	126.4	129.5	132.7	134.7	r138.2	N.A.

p=preliminary.
r=revised.

**PRODUCTIVITY
SEASONALLY ADJUSTED**

C-11. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change						Annual percent change					
	II 1980 to	III 1980 to	IV 1980 to	I 1981 to	II 1981 to	III 1981 to	II 1979 to	IV 1979 to	I 1980 to	II 1980 to	III 1980 to	IV 1980 to
	III 1980	IV 1980	I 1981	II 1981	III 1981	IV 1981	II 1980	IV 1980	I 1981	II 1981	III 1981	IV 1981
PRIVATE BUSINESS SECTOR:												
Output per hour of all persons	1.3	-1.1	r4.7	3.5	r-1.1	p -7.2	0.0	0.0	r0.8	2.1	1.5	p-0.1
Output	1.1	6.9	7.9	-0.1	-0.3	p -7.5	-1.9	-0.7	0.8	3.9	3.5	p-0.2
Hours	-0.2	8.1	r3.0	r-3.6	0.8	p -0.2	-1.9	-0.7	0.0	r1.7	2.0	p 0.0
Compensation per hour	9.5	8.6	r11.9	10.4	r9.3	p 5.7	10.3	10.3	r10.6	10.1	r10.1	p 9.3
Real compensation per hour	1.6	-3.8	r0.5	3.2	r-2.3	p -1.9	-2.3	-2.0	r-0.6	0.3	r-0.6	p-0.2
Unit labor costs	8.1	9.8	6.9	6.6	r10.6	p 14.0	10.3	10.3	9.7	7.8	r8.5	p 9.5
Unit nonlabor payments	13.7	10.2	r17.1	5.3	r10.1	p -5.3	7.4	9.3	10.8	11.5	r10.6	p 6.5
Implicit price deflator	9.8	9.9	10.0	6.2	r10.4	p 7.5	9.4	10.0	10.1	9.0	r9.1	p 8.5
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	3.6	-0.2	r4.4	1.4	r-1.8	p -7.6	r0.2	r0.2	r1.2	r2.3	0.9	p-1.0
Output	2.9	7.1	7.9	-1.1	r-1.4	p -8.4	-1.8	-0.5	1.1	4.1	r3.0	p-0.9
Hours	-0.7	7.3	r3.4	-2.5	r0.4	p -0.9	-1.9	-0.6	r-0.1	r1.8	2.1	p 0.1
Compensation per hour	9.0	9.8	r11.7	9.6	r9.5	p 6.5	10.1	10.1	r10.5	10.0	r10.2	p 9.3
Real compensation per hour	1.2	-2.7	r0.3	r2.5	r-2.2	p -1.2	-2.5	-2.2	r-0.7	r0.3	-0.6	p-0.2
Unit labor costs	5.3	10.1	7.0	8.1	r11.5	p 15.2	9.9	9.9	9.2	7.6	r9.2	p 10.4
Unit nonlabor payments	15.0	9.9	20.3	3.0	r11.3	p -4.0	9.1	10.8	12.2	11.8	r10.9	p 7.3
Implicit price deflator	8.2	10.0	11.0	6.5	r11.4	p 8.9	9.6	10.2	10.1	8.9	r9.7	p 9.4
MANUFACTURING:												
Output per hour of all persons	-r0.1	r10.3	r3.8	4.1	r1.2	p-11.3	r-1.2	1.1	2.1	r4.5	r4.8	p-0.8
Output	-6.6	r22.4	7.5	3.3	-r0.1	p-18.5	-7.9	-2.9	-0.9	r6.1	r7.9	p-2.5
Hours	-6.5	11.0	r3.6	r-0.8	r-1.2	p -8.2	r-6.8	-4.0	r3.0	r1.6	r3.0	p-1.7
Compensation per hour	12.7	10.5	r11.6	10.8	r9.3	p 7.5	r11.8	r12.3	r12.5	r11.4	r10.5	p 9.8
Real compensation per hour	4.5	-2.2	r0.2	3.5	r-2.4	p -0.3	-1.0	r-0.2	r1.1	r1.5	r-0.2	p 0.2
Unit labor costs	r12.8	0.1	7.5	r6.5	r8.0	p 21.1	13.2	11.0	10.2	6.6	r5.5	p10.6
DURABLE GOODS												
Output per hour of all persons	r-2.5	r11.9	r5.2	r5.5	r0.4	p-12.2	-1.8	0.8	r2.5	r4.9	r5.7	p-0.5
Output	-10.2	r27.7	8.7	r5.0	-1.3	p-21.1	-10.5	r-4.5	-1.8	r6.9	9.5	p-2.9
Hours	-8.0	r14.1	r3.4	-0.5	r-1.7	p-10.2	-8.8	-5.2	r-4.2	r1.9	r3.6	p-2.4
Compensation per hour	13.4	r11.2	r11.8	10.7	r9.5	p 7.8	12.4	r13.4	r13.2	r11.8	r10.8	p10.0
Real compensation per hour	5.2	-1.4	0.3	3.5	r-2.1	p 0.0	r-0.4	r0.8	r1.7	r1.9	r0.0	p 0.4
Unit labor costs	r16.3	r-0.6	6.3	r4.9	r9.1	p 22.8	14.5	r12.5	10.4	6.5	r4.9	p10.6
NONDURABLE GOODS												
Output per hour of all persons	3.4	r8.2	r1.8	r1.9	r2.3	p-10.0	-0.6	r1.4	1.5	3.8	r3.5	p-1.1
Output	r-1.1	r15.2	5.8	r0.7	r1.7	p-14.7	-4.1	-0.6	0.4	5.0	r5.7	p-1.9
Hours	-4.3	6.4	r3.9	r-1.2	r-0.6	p -5.1	-3.5	-2.1	-1.0	r1.1	r2.1	p-0.8
Compensation per hour	11.9	8.2	r11.4	r10.8	r8.9	p 7.5	11.2	10.6	11.7	10.5	r9.8	p 9.6
Real compensation per hour	3.8	-4.2	r0.0	3.5	r-2.7	p -0.3	-1.5	-1.7	0.4	0.7	r-0.9	p 0.1
Unit labor costs	r8.3	-0.1	r9.4	r8.7	r6.5	19.4	11.9	9.0	10.1	r6.5	r6.1	p10.9
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	6.7	0.0	6.3	2.2	r-0.5	N.A.	1.3	1.9	3.1	3.8	r2.0	N.A.
Output	3.4	7.9	11.5	0.1	r-0.1	N.A.	-1.6	0.4	2.6	5.6	4.7	N.A.
Hours	-3.1	7.9	4.8	-2.0	0.4	N.A.	-2.8	-1.5	-0.5	1.8	2.7	N.A.
Compensation per hour	10.2	9.4	11.4	9.3	r9.2	N.A.	10.3	10.4	10.8	10.1	9.8	N.A.
Real compensation per hour	2.2	-3.1	0.0	2.1	r-2.5	N.A.	-2.2	-1.9	-0.5	0.3	-0.9	N.A.
Total unit costs	6.2	9.4	5.6	8.4	r10.3	N.A.	11.0	10.5	9.5	7.4	8.4	N.A.
Unit labor costs	3.2	9.4	4.8	7.0	r9.7	N.A.	8.9	8.4	7.4	6.1	7.7	N.A.
Unit nonlabor costs	14.7	9.5	7.9	12.3	r11.8	N.A.	16.8	16.8	15.4	11.1	r10.4	N.A.
Unit profits	30.3	15.7	77.9	-13.9	r15.7	N.A.	-8.6	0.3	11.8	23.3	r19.7	N.A.
Implicit price deflator	7.9	9.9	10.4	6.2	r10.7	N.A.	9.1	9.6	9.7	8.6	r9.3	N.A.

GPO #78-678

p=preliminary.
r=revised.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-12. 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		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
ALABAMA	\$281.54	\$283.86	\$290.65	41.1	39.7	40.2	\$6.85	\$7.15	\$7.23
Birmingham	320.49	318.24	332.00	41.3	39.0	40.0	7.76	8.16	8.30
Mobile	355.32	370.60	370.53	42.2	41.5	41.4	8.42	8.53	8.95
ALASKA	417.60	451.14	(*)	36.0	34.1	(*)	11.60	13.23	(*)
ARIZONA	320.25	332.33	341.34	40.9	39.8	40.3	7.83	8.35	8.47
Phoenix	327.55	324.77	334.49	41.7	39.8	40.3	7.68	8.16	8.30
Tucson	314.41	326.56	334.22	39.4	38.6	39.6	7.98	8.46	8.44
ARKANSAS	242.41	246.27	257.54	40.2	38.3	39.5	6.03	6.43	6.53
Fayetteville—Springdale	222.36	216.90	219.83	40.8	36.7	36.7	5.45	5.91	5.99
Fort Smith	237.55	232.58	250.25	39.2	36.8	38.5	6.06	6.32	6.50
Little Rock—North Little Rock	264.26	266.41	295.54	39.5	38.6	39.3	6.69	7.42	7.52
Pine Bluff	345.10	328.85	340.85	43.3	40.8	42.5	7.97	8.06	8.02
CALIFORNIA	327.65	354.12	364.50	40.5	39.7	40.5	8.09	8.92	9.00
Anaheim—Santa Ana—Garden Grove	315.59	341.85	344.35	41.2	40.6	40.8	7.66	8.42	8.44
Bakersfield	350.51	383.16	370.64	40.9	41.2	40.2	8.57	9.30	9.22
Fresno	290.31	256.58	304.72	38.3	37.4	37.9	7.58	7.93	8.04
Los Angeles—Long Beach	312.89	335.60	343.52	40.9	40.0	40.7	7.65	8.35	8.45
Modesto	312.84	344.46	348.25	39.7	40.1	40.4	7.88	8.59	8.62
Oxnard—Simi Valley—Ventura	280.19	313.98	319.56	40.2	40.1	40.4	6.97	7.83	7.91
Riverside—San Bernardino—Ontario	310.05	335.48	341.68	39.0	39.1	39.5	7.95	8.58	8.65
Sacramento	334.93	353.35	359.04	38.9	38.2	38.4	8.61	9.25	9.35
Salinas—Seaside—Monterey	277.97	300.57	308.47	36.1	36.7	37.3	7.70	8.19	8.27
San Diego	307.71	331.27	351.01	39.5	38.7	40.3	7.79	8.56	8.71
San Francisco—Oakland	358.78	419.10	419.89	40.2	39.5	39.5	9.92	10.61	10.63
San Jose	338.64	372.30	385.40	39.7	40.6	41.8	8.53	9.17	9.22
Santa Barbara—Santa Maria—Lompoc	285.05	303.74	312.39	35.7	38.4	39.0	7.18	7.61	8.01
Santa Rosa	285.92	303.41	303.78	38.9	38.7	38.6	7.35	7.84	7.87
Stockton	351.08	346.71	362.48	40.4	38.1	39.4	8.69	9.10	9.20
Vallejo—Fairfield—Napa	346.63	389.04	404.64	38.6	37.3	38.5	8.98	10.43	10.51
COLORADO	318.77	331.14	331.69	40.3	39.8	39.7	7.91	8.32	8.36
Denver—Boulder	318.39	333.04	335.67	40.1	39.6	39.7	7.94	8.41	8.44
CONNECTICUT	314.71	325.40	331.52	42.3	41.4	41.7	7.44	7.86	7.95
Bridgeport	330.81	344.16	342.58	43.3	42.7	42.5	7.64	8.06	8.07
Hartford	343.57	342.37	352.80	43.0	41.2	41.9	7.99	8.31	8.42
New Britain	324.94	331.06	331.23	42.2	41.8	41.3	7.70	7.92	8.02
New Haven—West Haven	297.23	304.50	308.43	42.1	39.7	39.9	7.06	7.67	7.73
Stamford	287.99	299.88	304.47	41.2	40.8	41.2	6.99	7.35	7.39
Waterbury	265.44	268.21	271.17	42.7	41.2	41.4	6.31	6.51	6.55
DELAWARE	322.42	324.18	332.02	41.5	39.2	39.2	8.01	8.27	8.47
Wilmington	375.66	372.01	370.56	41.0	39.2	38.4	9.26	9.49	9.65
DISTRICT OF COLUMBIA:									
Washington SMSA	344.25	357.11	355.83	40.5	39.2	38.9	8.50	9.11	9.25
FLORIDA	263.52	276.08	(*)	42.3	40.6	(*)	6.23	6.80	(*)
Fort Lauderdale—Hollywood	246.86	270.51	279.50	41.7	42.6	43.2	5.92	6.35	6.47
Jacksonville	301.18	324.02	341.06	41.6	42.3	42.9	7.24	7.66	7.95
Lakeland—Winter Haven	310.88	282.63	301.48	46.4	42.5	44.4	6.70	6.65	6.79
Miami	220.13	224.00	233.04	41.3	40.0	40.6	5.33	5.60	5.74
Orlando	275.14	304.83	313.48	42.2	43.3	43.6	6.52	7.04	7.19
Pensacola	344.06	350.61	362.43	44.8	43.5	44.8	7.68	8.06	8.09
Tampa—St. Petersburg	270.30	270.64	278.52	42.5	39.8	40.6	6.36	6.80	6.87
West Palm Beach—Boca Raton	294.13	287.43	(*)	43.9	40.2	(*)	6.70	7.15	(*)
GEORGIA	250.30	262.02	264.67	41.1	39.7	39.8	6.09	6.60	6.65
Atlanta	286.56	314.42	315.15	39.8	39.7	39.3	7.20	7.52	8.02
Savannah	338.57	347.33	365.55	43.8	42.1	44.1	7.73	8.25	8.29
HAWAII	288.34	298.76	298.29	40.5	38.6	39.3	7.07	7.74	7.59
Honolulu	283.20	299.49	295.53	40.0	38.2	38.9	7.08	7.84	7.70
IDAHO	302.25	325.46	315.78	38.7	37.8	38.0	7.81	8.61	8.31
Boise City	258.42	303.38	294.89	36.5	38.5	38.1	7.08	7.88	7.74

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-12. 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		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
ILLINOIS	\$346.88	\$367.60	\$371.73	40.9	40.0	40.1	\$8.53	\$9.19	\$9.27
Bloomington—Normal.....	276.74	333.52	347.76	37.6	39.1	41.4	7.36	8.53	8.40
Champaign—Urbana—Rantoul.....	245.74	319.37	329.73	34.4	38.9	39.3	7.26	8.21	8.39
Chicago SMSA.....	317.19	333.66	333.59	40.1	39.3	39.2	7.91	8.49	8.51
Davenport—Rock Island—Moline.....	354.29	425.07	442.24	35.0	38.4	38.7	10.11	11.33	11.43
Decatur.....	368.64	434.90	445.50	38.4	38.9	39.6	9.60	11.18	11.26
Kankakee.....	255.20	292.56	252.30	40.0	36.8	37.0	7.38	7.95	7.90
Peoria.....	424.91	476.08	450.52	40.2	38.8	39.4	10.57	12.27	12.46
Rockford.....	320.46	371.59	379.32	41.0	40.7	40.7	8.06	9.13	9.32
Springfield.....	342.50	411.88	410.04	40.2	40.7	40.2	8.52	10.12	10.20
INDIANA	378.64	375.71	378.60	41.7	39.3	39.5	9.08	9.56	9.59
Gary—Hammond—East Chicago.....	451.88	503.49	(*)	41.3	39.0	(*)	11.91	12.91	(*)
Indianapolis.....	363.72	379.60	(*)	42.4	40.0	(*)	9.05	9.49	(*)
IOWA	366.23	351.44	358.19	40.2	39.7	39.7	9.16	9.86	10.03
Cedar Rapids.....	375.05	402.52	411.23	41.7	40.7	41.0	9.09	9.89	10.03
Des Moines.....	374.62	354.50	414.09	35.6	37.5	39.4	5.46	10.52	10.51
Dubuque.....	402.48	424.24	437.10	39.0	39.1	39.7	10.32	10.85	11.01
Sioux City.....	325.21	252.61	252.53	40.1	38.1	37.7	8.11	7.68	7.77
Waterloo—Cedar Falls.....	468.27	492.16	502.71	39.6	38.3	38.7	12.33	12.85	12.99
KANSAS	322.14	339.33	344.29	42.0	40.3	40.6	7.67	8.42	8.48
Topeka.....	327.24	342.65	328.10	40.4	38.2	37.2	8.10	8.97	8.82
Wichita.....	365.34	380.05	385.51	42.2	41.4	42.2	8.61	9.18	9.23
KENTUCKY	312.24	303.16	305.10	41.0	37.8	37.9	7.64	8.02	8.05
Lexington—Fayette.....	301.36	319.98	317.99	39.6	39.7	39.6	7.61	8.06	8.03
Louisville.....	376.42	358.24	356.73	42.2	37.2	40.9	8.92	9.63	9.70
LOUISIANA	324.59	367.16	374.00	42.4	42.3	42.5	8.08	8.68	8.80
Baton Rouge.....	435.76	448.69	463.61	41.9	41.7	42.3	10.40	10.76	10.96
New Orleans.....	368.02	367.22	365.51	45.1	42.8	42.8	8.16	8.58	8.54
Shreveport.....	311.67	317.60	305.28	41.5	39.8	39.6	7.51	7.58	7.81
MAINE	257.58	278.40	281.07	40.5	40.0	40.5	6.36	6.96	6.94
Lewiston—Auburn.....	206.82	219.62	217.74	38.3	37.8	38.0	5.40	5.81	5.73
Portland.....	248.62	258.23	265.67	40.1	38.6	39.3	6.20	6.69	6.76
MARYLAND	325.99	338.75	343.60	41.3	39.9	40.4	7.99	8.49	8.51
Baltimore.....	345.87	358.75	366.61	41.8	40.4	41.1	8.37	8.88	8.92
MASSACHUSETTS	274.57	286.80	290.56	40.2	40.0	40.3	6.83	7.17	7.21
Boston.....	300.03	310.37	314.34	40.6	40.1	40.3	7.39	7.74	7.80
Brockton.....	223.44	232.26	224.64	40.7	39.3	39.0	5.49	5.91	5.76
Fall River.....	201.70	210.90	209.16	37.7	36.3	36.0	5.35	5.81	5.81
Lawrence—Haverhill.....	287.12	293.57	255.60	40.9	39.3	39.1	7.02	7.47	7.56
Lowell.....	251.91	266.26	273.24	40.5	40.9	41.4	6.22	6.51	6.60
New Bedford.....	230.06	229.40	235.01	38.6	35.9	36.1	5.96	6.39	6.51
Springfield—Chicopee—Holyoke.....	276.81	294.65	296.61	41.5	41.5	41.6	6.67	7.10	7.13
Worcester.....	270.75	254.32	254.78	39.7	39.4	39.2	6.82	7.47	7.52
MICHIGAN	432.00	429.12	437.78	42.3	39.6	40.2	10.21	10.83	10.89
Ann Arbor.....	464.86	475.40	474.38	43.4	41.8	41.7	10.71	11.36	11.37
Battle Creek.....	404.38	416.81	454.51	41.1	39.9	41.4	9.84	10.44	10.96
Bay City.....	358.55	379.28	378.05	44.4	40.8	40.9	8.98	9.29	9.24
Detroit.....	468.72	464.23	476.68	43.2	40.4	41.2	10.85	11.46	11.57
Flint.....	501.96	483.01	479.67	43.4	38.8	38.6	11.57	12.43	12.39
Grand Rapids.....	358.60	352.87	361.48	42.1	39.5	40.0	8.52	8.92	9.02
Jackson.....	356.48	382.13	393.34	44.8	40.7	41.8	8.85	9.38	9.41
Kalamazoo—Portage.....	381.87	389.76	397.40	41.4	39.3	39.7	9.22	9.91	10.01
Lansing—East Lansing.....	466.04	465.85	457.47	39.7	36.9	38.0	11.74	12.60	12.04
Muskegon—Norton Shores—Muskegon Heights.....	364.17	370.25	384.07	41.7	39.9	40.7	8.73	9.27	9.43
Saginaw.....	523.46	478.21	455.19	44.2	38.5	39.9	11.84	12.41	12.50
MINNESOTA	321.20	339.08	345.71	40.2	39.2	39.6	7.99	8.65	8.73
Duluth—Superior.....	287.34	345.93	343.87	39.2	39.9	39.8	7.33	8.67	8.64
Minneapolis—St. Paul.....	340.17	357.50	366.56	40.4	39.2	39.8	8.42	9.12	9.22
St. Cloud.....	234.30	260.61	263.17	35.5	35.7	36.4	6.60	7.30	7.23

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-12. 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		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
MISSISSIPPI	\$225.54	\$239.65	\$241.10	40.2	39.0	38.7	\$5.71	\$6.15	\$6.23
Jackson.....	244.18	260.41	270.35	41.8	39.1	40.9	6.32	6.66	6.61
MISSOURI	306.32	318.70	321.90	40.2	39.2	39.4	7.62	8.13	8.17
Kansas City.....	354.79	375.20	360.10	41.2	40.0	40.1	8.66	9.38	8.98
St. Joseph.....	252.27	287.25	297.21	39.9	38.3	38.3	7.35	7.50	7.76
St. Louis.....	345.61	363.66	369.74	40.7	39.4	39.8	8.59	9.23	9.29
Springfield.....	273.31	281.99	293.33	39.1	37.3	38.8	6.99	7.56	7.56
MONTANA	388.20	354.46	366.05	42.8	37.0	38.9	9.07	9.58	9.41
NEBRASKA	311.89	324.36	328.84	40.4	40.8	40.5	7.72	7.95	8.04
Lincoln.....	256.25	301.13	310.52	39.5	37.5	38.1	7.50	8.03	8.15
Omaha.....	305.29	348.65	352.51	39.5	40.4	40.8	7.83	8.63	8.64
NEVADA	315.87	335.63	345.25	38.9	37.5	39.1	8.12	8.95	8.83
Las Vegas.....	360.52	441.05	(*)	38.6	40.5	(*)	9.34	10.89	(*)
NEW HAMPSHIRE	252.76	262.55	269.34	40.9	39.6	40.2	6.18	6.63	6.70
Manchester.....	234.23	243.66	253.34	39.7	38.8	39.4	5.90	6.28	6.43
Nashua.....	283.31	295.07	313.81	41.0	39.5	41.4	6.91	7.47	7.58
NEW JERSEY	312.98	330.46	(*)	41.4	41.0	(*)	7.56	8.06	(*)
Atlantic City.....	232.32	253.68	(*)	36.4	36.5	(*)	6.41	6.95	(*)
Camden ¹	225.43	343.21	(*)	42.1	41.5	(*)	7.73	8.27	(*)
Hackensack ²	283.50	299.43	(*)	42.0	41.3	(*)	6.75	7.25	(*)
Jersey City ²	301.26	322.22	(*)	41.1	41.1	(*)	7.33	7.84	(*)
New Brunswick—Perth Amboy—Sayreville ²	352.18	390.92	(*)	43.2	43.1	(*)	8.87	9.07	(*)
Newark ²	315.25	349.00	(*)	41.3	41.4	(*)	7.73	8.43	(*)
Paterson—Clifton—Passaic ²	301.04	323.88	(*)	42.7	43.3	(*)	7.05	7.48	(*)
Trenton.....	225.64	325.92	(*)	40.2	38.8	(*)	8.20	8.40	(*)
NEW MEXICO	245.63	268.88	272.05	40.4	39.6	39.6	6.08	6.79	6.87
Albuquerque.....	253.15	279.40	281.13	41.5	39.8	39.1	6.10	7.02	7.19
NEW YORK	305.92	315.20	322.34	40.2	39.4	39.6	7.61	8.00	8.14
Albany—Schenectady—Troy.....	324.27	330.85	342.74	41.3	40.2	40.9	7.90	8.23	8.38
Binghamton.....	287.31	303.68	306.08	41.7	41.6	41.7	6.89	7.30	7.34
Buffalo.....	402.52	412.63	418.18	41.2	40.1	40.6	9.77	10.29	10.30
Elmira.....	305.12	320.80	318.35	41.4	40.1	39.4	7.37	8.00	8.08
Monroe County ²	431.42	430.14	450.84	42.8	47.6	41.9	10.08	10.34	10.76
Nassau—Suffolk ⁴	292.94	307.53	315.46	40.8	40.2	40.6	7.18	7.65	7.77
New York—Northeastern New Jersey.....	288.80	(*)	(*)	40.0	(*)	(*)	7.22	(*)	(*)
New York and Nassau—Suffolk ²	263.34	274.74	281.53	38.5	38.0	38.2	6.84	7.23	7.37
New York SMSA ⁴	255.45	265.54	271.68	37.9	37.4	37.5	6.74	7.10	7.25
New York City ⁵	250.21	263.75	267.81	37.4	37.2	37.3	6.69	7.09	7.18
Poughkeepsie.....	325.74	335.62	342.42	44.5	43.7	43.9	7.32	7.68	7.80
Rochester.....	402.05	398.40	416.66	42.5	41.2	41.5	9.46	9.67	10.04
Rockland County ⁵	285.78	317.98	323.21	40.7	40.2	40.3	7.12	7.91	8.02
Syracuse.....	340.98	349.21	358.44	42.2	40.7	41.2	8.08	8.58	8.70
Utica—Rome.....	278.20	302.35	305.88	39.8	40.1	40.3	6.99	7.54	7.59
Westchester County ⁵	294.40	264.11	296.06	41.7	38.5	38.6	7.06	6.86	7.67
NORTH CAROLINA	228.34	238.39	236.53	40.2	38.7	38.4	5.68	6.16	6.17
Asheville.....	224.62	238.80	232.41	40.4	39.8	38.8	5.56	6.00	5.99
Charlotte—Gastonia.....	237.84	243.54	243.32	41.8	39.6	39.5	5.69	6.15	6.16
Greensboro—Winston-Salem—High Point.....	252.72	266.17	260.35	40.5	38.8	38.4	6.24	6.86	6.78
Raleigh—Durham.....	259.69	281.69	289.58	40.2	39.9	40.5	6.46	7.06	7.16
NORTH DAKOTA	260.44	276.05	282.85	38.3	38.5	38.8	6.80	7.17	7.29
Fargo—Moorhead.....	276.01	291.91	307.28	36.9	39.5	39.7	7.48	7.39	7.74
OHIO	386.90	398.45	398.62	42.1	40.7	40.8	9.19	9.79	9.77
Akron.....	388.88	404.21	412.72	42.5	41.5	42.2	9.15	9.74	9.78
Canton.....	375.32	398.40	404.00	40.4	39.8	40.0	9.29	10.01	10.10
Cincinnati.....	362.95	370.23	372.86	42.6	41.0	41.2	8.52	9.03	9.05
Cleveland.....	357.03	401.64	396.58	42.6	40.9	40.8	9.32	9.82	9.73
Columbus.....	334.51	361.49	363.37	40.4	40.3	40.6	8.28	8.57	8.95
Dayton.....	401.26	415.83	416.42	43.1	41.5	41.6	9.31	10.02	10.01
Toledo.....	358.65	411.07	423.72	41.7	40.7	41.5	9.56	10.10	10.21
Youngstown—Warren.....	469.54	471.06	459.36	41.7	40.4	39.6	11.26	11.66	11.60

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-12. 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		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
OKLAHOMA	\$324.66	\$338.85	\$342.59	41.2	40.1	40.4	\$7.88	\$8.45	\$8.48
Oklahoma City	349.85	349.20	338.72	42.1	40.0	38.8	8.31	8.73	8.73
Tulsa	346.49	367.50	373.98	41.2	41.2	41.6	8.41	8.92	8.95
OREGON	345.80	357.93	(*)	38.0	36.9	(*)	9.10	9.70	(*)
Eugene—Springfield	370.28	376.84	(*)	39.1	37.2	(*)	9.47	10.13	(*)
Jackson County	336.42	314.17	(*)	38.1	34.6	(*)	8.83	5.08	(*)
Portland	344.51	369.90	(*)	37.9	37.9	(*)	9.09	9.76	(*)
Salem	320.01	298.49	(*)	36.2	33.5	(*)	8.84	8.61	(*)
PENNSYLVANIA	316.79	333.26	333.06	39.7	39.3	39.0	8.03	8.48	8.54
Allentown—Bethlehem—Easton	322.22	341.33	345.08	39.2	38.7	38.6	8.22	8.82	8.94
Altoona	256.25	284.36	279.37	37.3	38.9	37.6	6.87	7.31	7.43
Delaware Valley	328.04	345.66	345.14	40.7	40.1	39.9	8.06	8.62	8.65
Erie	334.93	365.66	365.71	41.4	41.6	41.7	8.09	8.79	8.77
Harrisburg	306.53	312.03	317.46	40.6	38.2	39.0	7.55	7.96	8.14
Johnstown	323.38	321.49	314.52	37.0	36.7	35.7	8.74	8.76	8.81
Lancaster	279.89	291.69	266.69	40.8	39.1	38.1	6.86	7.46	7.53
Northeast Pennsylvania	227.54	237.54	242.45	36.7	37.0	37.3	6.20	6.42	6.50
Philadelphia SMSA	326.38	344.16	(*)	40.9	40.3	(*)	7.98	8.54	(*)
Pittsburgh	391.82	418.00	415.28	39.9	40.0	39.4	9.82	10.45	10.54
Reading	304.50	316.81	317.98	40.6	39.8	39.5	7.50	7.96	8.05
Scranton	222.64	244.44	255.62	36.8	38.8	39.6	6.05	6.30	6.46
Wilkes-Barre—Hazleton	230.68	233.42	232.76	36.5	35.8	35.7	6.32	6.52	6.52
Williamsport	305.11	326.40	329.64	40.9	40.0	40.2	7.46	8.16	8.20
York	295.11	312.53	314.65	41.8	40.8	40.6	7.06	7.66	7.75
RHODE ISLAND	234.77	251.60	238.26	40.2	40.0	38.0	5.84	6.29	6.27
Providence—Warwick—Pawtucket	232.76	250.63	236.36	40.2	40.1	38.0	5.79	6.25	6.22
SOUTH CAROLINA	244.36	257.92	260.01	41.7	40.3	40.5	5.86	6.40	6.42
Charleston—North Charleston	263.41	282.96	295.47	42.3	39.3	40.2	6.70	7.20	7.35
Columbia	232.13	244.28	246.62	40.3	39.4	40.1	5.76	6.20	6.15
Greenville—Spartanburg	236.27	254.97	256.19	40.8	40.6	40.6	5.84	6.28	6.31
SOUTH DAKOTA	301.46	308.35	312.17	42.7	41.5	42.3	7.06	7.43	7.38
Rapid City	235.61	257.71	(*)	36.7	35.4	(*)	6.42	7.28	(*)
Sioux Falls	442.32	462.72	464.11	48.5	48.0	48.7	9.12	9.64	9.53
TENNESSEE	264.50	270.36	274.22	41.2	39.7	39.8	6.42	6.81	6.89
Chattanooga	272.85	266.99	277.38	42.5	40.7	41.9	6.42	6.56	6.62
Knoxville	295.10	300.29	304.15	41.1	39.1	39.5	7.18	7.68	7.70
Memphis	296.33	312.32	325.26	40.7	40.3	41.7	7.33	7.75	7.80
Nashville—Davidson	285.23	313.05	314.63	41.1	41.3	40.9	6.94	7.58	7.70
TEXAS	319.70	345.27	350.70	42.4	41.8	41.9	7.54	8.26	8.37
Ablene	212.18	222.04	229.15	42.1	42.7	42.2	5.04	5.20	5.43
Amarillo	294.70	321.07	330.07	42.1	40.9	40.8	7.00	7.85	8.09
Austin	242.02	268.81	267.54	41.3	42.2	42.0	5.86	6.37	6.37
Beaumont—Port Arthur—Orange	435.20	449.77	465.21	42.5	41.0	42.1	10.24	10.67	11.05
Corpus Christi	310.34	365.37	347.94	40.2	41.9	40.6	7.72	8.72	8.57
Dallas—Fort Worth	302.02	321.44	323.11	42.3	41.0	40.9	7.14	7.84	7.90
El Paso	210.98	247.15	258.83	43.5	45.6	49.3	4.85	5.42	5.25
Galveston—Texas City	446.98	461.48	487.47	42.0	41.4	41.7	10.69	11.63	11.69
Houston	406.35	431.74	428.36	45.0	44.1	43.8	9.03	9.79	9.78
Longview—Marshall	314.23	326.02	331.29	41.4	40.2	40.5	7.59	8.11	8.18
Lubbock	240.78	271.56	275.62	40.4	42.9	43.2	5.96	6.33	6.38
San Angelo	220.40	240.20	233.38	43.3	40.1	40.1	5.09	5.99	5.82
San Antonio	225.08	245.81	247.57	42.5	40.9	41.4	5.39	6.01	5.98
Sherman—Denison	273.34	296.21	296.77	39.5	39.6	39.1	6.92	7.48	7.59
Waco	266.27	287.50	289.76	43.2	42.4	42.3	6.21	6.79	6.85
Wichita Falls	267.53	314.42	315.12	40.9	41.7	41.3	7.03	7.54	7.63
UTAH	252.19	217.19	319.20	39.7	40.1	40.1	7.36	7.91	7.96
Salt Lake City—Ogden	266.94	309.50	313.07	40.3	40.3	40.5	7.12	7.68	7.73
VERMONT	272.06	277.85	283.68	41.6	39.3	39.4	6.54	7.07	7.20
Burlington	297.90	307.09	314.64	43.3	41.0	41.4	6.88	7.49	7.60
Springfield	320.73	304.10	317.99	43.4	39.7	40.1	7.39	7.66	7.93

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-12. 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		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
VIRGINIA	\$262.76	\$280.76	\$282.27	40.3	39.6	39.7	\$6.52	\$7.09	\$7.11
Bristol	208.32	228.65	226.26	37.4	37.3	37.9	5.57	6.13	5.57
Lynchburg	262.22	287.75	278.10	41.1	40.7	39.9	6.38	7.07	6.97
Norfolk—Virginia Beach—Portsmouth	307.22	303.96	317.68	42.2	40.8	41.8	7.28	7.45	7.60
Northern Virginia ¹	280.78	303.56	310.18	40.4	40.1	40.6	6.95	7.57	7.64
Petersburgh—Colonial Heights—Hopewell	313.75	343.09	357.20	40.8	39.3	41.2	7.69	8.73	8.67
Richmond	344.61	363.80	371.01	40.4	41.2	41.5	8.53	8.83	8.94
Roanoke	260.20	264.60	269.20	41.9	39.7	40.0	6.21	6.67	6.73
WASHINGTON	350.39	417.96	425.71	39.0	38.7	39.2	10.01	10.80	10.86
Seattle—Everett	404.71	444.31	(*)	39.6	39.6	(*)	10.22	11.22	(*)
Spokane	330.99	376.94	(*)	35.1	37.1	(*)	9.43	10.16	(*)
Tacoma	375.82	422.99	457.47	38.6	38.7	41.4	9.84	10.93	11.05
WEST VIRGINIA	334.27	362.21	355.39	39.7	39.2	39.4	8.42	9.24	9.02
Charleston	375.91	438.69	421.31	41.4	41.9	42.3	9.08	10.47	9.96
Huntington—Ashland	404.34	418.03	410.65	41.9	39.4	39.6	9.65	10.61	10.37
Parkersburg—Marietta	357.70	408.36	400.58	41.4	41.5	41.0	8.64	9.84	9.78
Wheeling	388.49	411.13	422.28	40.3	39.8	40.1	9.64	10.33	10.78
WISCONSIN	345.50	366.73	372.27	41.1	40.2	40.4	8.50	9.12	9.21
Appleton—Oshkosh	346.37	361.92	365.36	42.7	41.7	42.1	8.11	8.68	8.77
Eau Claire	332.85	359.72	346.45	41.4	41.2	40.7	8.03	8.74	8.50
Green Bay	365.12	388.54	392.85	42.8	41.6	41.4	8.54	9.34	9.48
Janeville—Beloit	411.91	365.68	375.70	42.2	40.0	40.5	9.76	9.15	9.27
Kenosha	381.45	408.52	435.77	40.0	38.5	39.7	9.55	10.62	10.96
La Crosse	300.92	326.60	329.30	40.0	39.7	39.3	7.53	8.23	8.38
Madison	325.94	337.16	345.39	39.5	38.0	38.4	8.36	8.88	9.00
Milwaukee	384.42	405.17	410.92	41.2	40.3	40.5	9.33	10.06	10.15
Racine	366.17	351.90	392.13	41.1	40.1	40.1	8.90	9.77	9.78
WYOMING	275.97	313.95	317.18	39.6	39.0	40.2	7.07	8.05	7.89
VIRGIN ISLAND	333.80	394.62	397.55	42.2	42.6	43.5	7.91	9.22	9.14

¹ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
² Subarea of New York—Northeastern New Jersey.
³ Subarea of Rochester Standard Metropolitan Statistical Area.
⁴ Area included in New York and Nassau-Suffolk combined SMSA's.
⁵ Subarea of New York Standard Metropolitan Statistical Area.
⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
⁷ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area:

Lackawanna County.
⁸ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
⁹ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
 p = preliminary.
 * Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA LABOR TURNOVER

D-1. Labor turnover rates in manufacturing, 1971 to date

[Per 100 employees]

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1971.....	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972.....	4.5	4.1	3.7	4.0	4.1	4.9	5.4	4.7	6.1	5.4	4.8	3.7	2.7
1973.....	4.8	4.7	4.1	4.5	4.6	5.4	5.9	5.2	6.3	5.8	5.2	3.8	2.6
1974.....	4.2	4.2	3.7	4.1	4.5	5.1	5.4	4.9	5.5	4.9	3.8	2.4	1.8
1975.....	3.7	2.9	2.7	3.2	3.7	4.0	4.5	4.6	5.2	4.6	3.7	2.8	2.2
1976.....	3.9	3.9	3.5	4.2	3.9	4.5	4.8	4.2	5.1	4.4	3.5	2.9	2.2
1977.....	4.0	3.7	3.7	4.0	3.8	4.6	4.9	4.3	5.3	4.6	3.9	3.1	2.4
1978.....	4.1	3.8	3.2	3.8	4.0	4.7	4.9	4.4	5.4	4.9	4.3	3.3	2.4
1979.....	4.0	4.0	3.4	3.8	3.9	4.7	4.8	4.3	5.0	4.5	4.1	3.0	2.2
1980.....	3.5	3.8	3.3	3.5	3.1	3.4	3.9	3.8	4.5	4.3	3.6	2.7	2.2
1981.....	P3.2	3.4	3.0	3.4	3.3	3.5	4.0	3.6	4.0	3.5	2.8	2.4	P1.7
New hires													
1971.....	2.6	2.0	1.9	2.2	2.3	2.7	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972.....	3.3	2.6	2.5	2.8	2.9	3.7	4.2	3.5	4.5	4.3	3.9	2.9	2.1
1973.....	3.9	3.5	3.2	3.5	3.7	4.5	5.0	4.1	5.1	4.8	4.4	3.1	2.0
1974.....	3.2	3.2	2.8	3.1	3.3	4.0	4.3	3.7	4.2	3.9	2.9	1.7	1.0
1975.....	2.0	1.3	1.2	1.3	1.6	2.0	2.5	2.6	3.1	3.1	2.5	1.8	1.3
1976.....	2.6	2.1	2.1	2.7	2.6	3.1	3.6	2.9	3.6	3.2	2.5	1.9	1.3
1977.....	2.8	2.2	2.1	2.6	2.7	3.5	3.7	3.0	4.0	3.5	3.0	2.2	1.6
1978.....	3.1	2.5	2.2	2.7	2.9	3.6	3.9	3.3	4.2	3.9	3.5	2.6	1.7
1979.....	2.9	2.8	2.5	2.8	2.9	3.6	3.8	3.1	3.7	3.4	3.1	2.2	1.5
1980.....	2.1	2.4	2.2	2.3	2.0	2.1	2.4	2.1	2.5	2.6	2.2	1.6	1.2
1981.....	P2.0	1.8	1.8	2.0	2.0	2.3	2.8	2.4	2.7	2.3	1.8	1.3	P.8
Recalls													
1976.....	1.0	1.4	1.0	1.2	1.0	1.0	0.9	1.1	1.1	0.8	0.7	0.7	0.7
1977.....	.9	1.2	1.3	1.1	.9	.8	.8	.9	1.0	.8	.6	.6	.6
1978.....	.7	1.0	.7	.8	.8	.8	.7	.8	.9	.7	.6	.5	.5
1979.....	.7	.9	.7	.7	.7	.8	.8	.9	.9	.8	.7	.6	.5
1980.....	1.1	1.1	.9	.9	.8	1.0	1.2	1.5	1.7	1.4	1.1	.9	.8
1981.....	P1.0	1.3	1.0	1.1	1.1	1.0	.9	1.0	1.0	.9	.8	.9	P.7
Total separations													
1971.....	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972.....	4.3	4.1	3.5	3.9	3.8	3.9	4.2	4.8	5.5	5.5	4.4	3.8	3.7
1973.....	4.7	4.3	3.8	4.3	4.2	4.4	4.5	5.2	6.5	5.8	5.0	4.2	4.0
1974.....	4.9	5.0	4.1	4.4	4.3	4.4	4.2	4.9	6.2	5.5	5.1	5.0	5.2
1975.....	4.2	6.1	4.5	4.2	4.0	3.9	3.7	4.4	4.7	4.4	4.1	3.5	3.4
1976.....	3.8	3.7	3.0	3.5	3.6	3.4	3.6	4.3	4.9	4.7	4.1	3.4	3.5
1977.....	3.8	3.9	3.4	3.4	3.4	3.5	3.5	4.3	5.1	4.9	3.8	3.4	3.4
1978.....	3.9	3.6	3.1	3.5	3.6	3.7	3.8	4.1	5.3	4.9	4.1	3.5	3.4
1979.....	4.0	3.8	3.2	3.6	3.7	3.8	3.9	4.3	5.7	4.7	4.2	3.8	3.5
1980.....	4.0	4.1	3.5	3.7	4.7	4.8	4.4	4.2	4.8	4.1	3.8	3.0	3.1
1981.....	P3.6	3.6	3.1	3.2	3.1	3.1	3.2	3.6	4.4	4.1	4.2	4.1	P4.0
Quits													
1971.....	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	2.0	1.5	1.2
1972.....	2.3	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	2.0	1.6
1973.....	2.8	2.3	2.1	2.5	2.5	2.8	2.8	2.8	4.6	4.0	3.1	2.3	1.6
1974.....	2.4	2.2	2.0	2.3	2.4	2.7	2.5	2.6	4.0	3.3	2.2	1.4	1.0
1975.....	1.4	1.1	.9	1.0	1.1	1.3	1.4	1.5	2.5	2.1	1.6	1.2	.9
1976.....	1.7	1.3	1.2	1.6	1.7	1.7	1.8	1.9	2.8	2.5	1.7	1.2	1.0
1977.....	1.8	1.4	1.3	1.6	1.7	1.9	1.9	1.9	3.1	2.8	1.9	1.5	1.2
1978.....	2.1	1.5	1.4	1.8	2.0	2.1	2.2	2.1	3.5	3.1	2.3	1.7	1.3
1979.....	2.0	1.8	1.6	1.9	2.0	2.1	2.1	2.0	3.3	2.7	2.1	1.6	1.1
1980.....	1.5	1.6	1.5	1.6	1.5	1.5	1.4	1.4	2.2	1.9	1.4	1.1	.9
1981.....	P1.3	1.2	1.1	1.2	1.3	1.3	1.4	1.5	2.1	1.8	1.3	.9	P.7
Layoffs													
1971.....	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972.....	1.1	1.5	1.1	1.1	1.0	.9	1.1	1.7	.9	.9	1.0	1.0	1.3
1973.....	.9	1.1	.8	.8	.7	.7	.7	1.4	.8	.8	1.1	1.1	1.6
1974.....	1.5	1.8	1.3	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975.....	2.1	4.0	2.9	2.5	2.1	1.8	1.6	2.0	1.3	1.5	1.6	1.7	1.9
1976.....	1.3	1.6	1.0	1.1	1.1	.9	.9	1.6	1.1	1.3	1.5	1.5	1.8
1977.....	1.1	1.7	1.4	1.0	.9	.8	.8	1.5	1.0	1.1	1.1	1.1	1.5
1978.....	.9	1.2	.9	.9	.8	.7	.7	1.1	.8	.8	.9	1.0	1.4
1979.....	1.1	1.1	.8	.8	.9	.7	.9	1.4	1.3	1.1	1.2	1.5	1.7
1980.....	1.7	1.6	1.2	1.3	2.3	2.5	2.2	2.0	1.7	1.4	1.5	1.4	1.6
1981.....	P1.6	1.6	1.2	1.2	1.0	1.0	1.1	1.3	1.3	1.5	2.2	2.6	P2.7

p = preliminary.

NOTE: The data that appeared in this table last month was seasonally adjusted. This table will be discontinued after the March issue. See page 4 in this issue.

ESTABLISHMENT DATA LABOR TURNOVER

D-2. Labor turnover rates, by industry

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P
	MANUFACTURING	2.4	1.7	1.3	0.8	0.9	0.7	4.1	4.0	0.9	0.7	2.6	2.7
24, 25, 32-39	DURABLE GOODS	2.1	1.5	1.0	.7	.9	.6	4.2	3.9	.7	.5	2.8	2.8
20-23, 26-31	NONDURABLE GOODS	2.7	2.0	1.6	1.1	.9	.8	4.0	4.1	1.2	.9	2.2	2.6
	DURABLE GOODS												
24	LUMBER AND WOOD PRODUCTS	2.8	2.6	1.3	.8	1.4	1.6	7.6	5.9	1.3	1.0	5.5	4.1
242	Sawmills and planing mills	2.7	-	1.2	-	1.4	-	6.4	-	1.1	-	4.4	-
2471	Sawmills and planing mills, general	2.6	-	1.1	-	1.4	-	6.6	-	1.0	-	4.8	-
243	Millwork, plywood, and structural members	2.6	-	1.0	-	1.5	-	7.9	-	1.1	-	6.1	-
2431	Millwork	1.8	-	.9	-	.9	-	7.3	-	1.0	-	5.8	-
244	Wood containers	3.5	-	2.2	-	1.2	-	7.2	-	2.9	-	3.3	-
245	Wood buildings and mobile homes	4.1	-	2.1	-	2.0	-	11.0	-	2.6	-	7.4	-
2451	Mobile homes	4.7	-	2.5	-	2.1	-	12.0	-	3.0	-	7.8	-
249	Miscellaneous wood products	2.8	-	1.3	-	1.3	-	4.9	-	1.1	-	3.0	-
25	FURNITURE AND FIXTURES	2.3	1.6	1.5	.8	.7	.7	4.5	3.9	1.2	.8	2.7	2.5
251	Household furniture	2.4	-	1.5	-	.7	-	4.5	-	1.3	-	2.5	-
2511	Wood household furniture	2.4	-	1.7	-	.7	-	5.0	-	1.5	-	2.8	-
2512	Upholstered household furniture	1.9	-	1.3	-	.4	-	3.0	-	1.1	-	1.4	-
2515	Mattresses and bedsprings	1.4	-	1.0	-	.4	-	5.2	-	1.3	-	3.1	-
252	Office furniture	1.4	-	1.1	-	.2	-	2.0	-	.7	-	.9	-
254	Partitions and fixtures	2.6	-	1.3	-	1.1	-	6.7	-	1.1	-	5.0	-
32	STONE, CLAY, AND GLASS PRODUCTS	2.0	1.4	.9	.6	1.0	.7	4.8	6.4	.7	.6	3.5	5.3
322	Glass and glassware, pressed or blown	1.5	-	.5	-	.7	-	4.3	-	.4	-	3.1	-
3221	Glass containers	1.6	-	.5	-	.9	-	4.3	-	.4	-	3.4	-
3229	Pressed and blown glass, nec	1.4	-	.5	-	.5	-	4.2	-	.4	-	2.7	-
323	Products of purchased glass	2.3	-	.6	-	1.5	-	5.3	-	.5	-	4.1	-
324	Cement, hydraulic	.9	-	.3	-	.6	-	3.7	-	.2	-	2.4	-
325	Structural clay products	2.7	-	1.1	-	1.5	-	8.4	-	1.3	-	6.4	-
326	Pottery and related products	2.0	-	.8	-	1.1	-	3.3	-	.8	-	1.9	-
327	Concrete, gypsum, and plaster products	2.4	-	1.5	-	.8	-	5.3	-	1.0	-	3.7	-
329	Misc. nonmetallic mineral products	1.9	-	.6	-	1.2	-	3.6	-	.5	-	2.6	-
33	PRIMARY METAL INDUSTRIES	2.7	1.6	.4	.3	2.1	1.2	5.4	5.0	.3	.3	4.4	4.3
331	Blast furnace and basic steel products	4.0	-	.2	-	3.5	-	6.6	-	.1	-	5.8	-
3312	Blast furnaces and steel mills	4.4	-	.1	-	3.9	-	7.2	-	.1	-	6.4	-
332	Iron and steel foundries	2.2	-	.6	-	1.4	-	5.5	-	.6	-	4.2	-
3321	Gray iron foundries	1.8	-	.6	-	1.0	-	6.3	-	.6	-	5.0	-
3325	Steel foundries, nec	2.3	-	.8	-	1.2	-	4.5	-	.7	-	3.2	-
333	Primary nonferrous metals	.5	-	.2	-	.2	-	4.5	-	.1	-	4.0	-
335	Nonferrous rolling and drawing	1.5	-	.5	-	.8	-	2.8	-	.3	-	1.9	-
3351	Copper rolling and drawing	.8	-	.4	-	.4	-	3.7	-	.3	-	2.9	-
3353	Aluminum sheet, plate, and foil	.8	-	.1	-	.6	-	1.8	-	.1	-	1.4	-
3357	Nonferrous wire drawing and insulating	2.1	-	.7	-	1.3	-	2.2	-	.4	-	1.4	-
336	Nonferrous foundries	2.1	-	.9	-	1.2	-	5.5	-	.7	-	4.3	-
3361	Aluminum foundries	2.5	-	.8	-	1.7	-	5.7	-	.7	-	4.4	-
34	FABRICATED METAL PRODUCTS	2.1	1.5	1.1	.6	.8	.6	4.7	4.4	.7	.6	3.2	3.3
341	Metal cans and shipping containers	3.5	-	.3	-	2.7	-	6.3	-	.2	-	5.1	-
3411	Metal cans	3.8	-	.2	-	3.0	-	7.1	-	.2	-	5.8	-
342	Cutlery, hand tools, and hardware	1.7	-	.7	-	.7	-	4.1	-	.6	-	2.9	-
3423, 5	Hand and edge tools, and hand saws and blades	1.3	-	.6	-	.6	-	3.3	-	.6	-	2.1	-
3429	Hardware, nec	2.0	-	.7	-	.8	-	5.0	-	.6	-	3.8	-
343	Plumbing and heating, except electric	1.5	-	1.0	-	.4	-	4.8	-	.7	-	2.9	-
344	Fabricated structural metal products	2.2	-	1.5	-	.6	-	3.9	-	.9	-	2.4	-
3441	Fabricated structural metal	3.2	-	2.1	-	1.0	-	4.9	-	1.1	-	2.9	-
3442	Metal doors, sash, and trim	1.8	-	1.4	-	.3	-	4.3	-	1.0	-	2.6	-
3443	Fabricated plate work (boiler shops)	1.4	-	.9	-	.4	-	2.9	-	.5	-	1.8	-
3444	Sheet metal work	2.4	-	1.7	-	.7	-	4.0	-	.9	-	2.5	-
345	Screw machine products, bolts, etc.	1.7	-	1.1	-	.5	-	4.9	-	.8	-	3.3	-
3451	Screw machine products	1.8	-	1.4	-	.4	-	6.4	-	1.0	-	4.8	-
3452	Bolts, nuts, rivets, and washers	1.6	-	.8	-	.6	-	3.5	-	.6	-	1.8	-
346	Metal forgings and stampings	2.3	-	.7	-	1.1	-	7.3	-	.5	-	6.1	-
3462	Iron and steel forgings	1.1	-	.5	-	.6	-	3.6	-	.3	-	2.9	-
3465	Automotive stampings	3.2	-	.4	-	1.7	-	12.9	-	.4	-	11.9	-
3469	Metal stampings, nec	2.2	-	1.2	-	.9	-	4.5	-	.7	-	3.0	-
347	Metal services, nec	2.9	-	1.5	-	1.4	-	6.9	-	1.5	-	4.7	-
348	Ordnance and accessories, nec	1.5	-	.9	-	.5	-	1.6	-	.3	-	.8	-
349	Misc. fabricated metal products	1.6	-	1.0	-	.5	-	3.1	-	.6	-	1.9	-
3494	Valves and pipe fittings	1.1	-	.7	-	.3	-	1.8	-	.5	-	.9	-
3496	Misc. fabricated wire products	2.4	-	1.1	-	1.2	-	5.0	-	.8	-	3.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P
35	MACHINERY, EXCEPT ELECTRICAL	1.7	1.2	1.1	0.7	0.4	0.3	2.7	2.3	0.6	0.4	1.6	1.4
351	Engines and turbines	1.7	-	.4	-	.7	-	3.1	-	.2	-	2.2	-
3511	Turbines and turbine generator sets	1.4	-	.6	-	(1)	-	1.7	-	.2	-	.7	-
3519	Internal combustion engines, nec	1.9	-	.3	-	1.0	-	3.7	-	.2	-	2.8	-
352	Farm and garden machinery	1.7	-	.5	-	1.0	-	3.4	-	.4	-	2.4	-
3523	Farm machinery and equipment	1.3	-	.3	-	.7	-	3.8	-	.3	-	2.8	-
353	Construction and related machinery	1.5	-	1.1	-	.3	-	2.5	-	.6	-	1.4	-
3531	Construction machinery	.8	-	.3	-	.4	-	2.4	-	.3	-	1.8	-
3533	Oil field machinery	2.7	-	2.5	-	(1)	-	1.9	-	1.0	-	.4	-
354	Metalworking machinery	1.6	-	1.0	-	.4	-	2.7	-	.6	-	1.6	-
3541	Machine tools, metal cutting types	.8	-	.6	-	.1	-	2.4	-	.4	-	1.7	-
3544	Special dies, tools, jigs, and fixtures	2.2	-	1.2	-	.7	-	3.0	-	.9	-	1.5	-
3545	Machine tool accessories	1.6	-	1.0	-	.4	-	2.3	-	.7	-	1.2	-
355	Special industry machinery	1.5	-	1.0	-	.4	-	2.3	-	.5	-	1.4	-
3551	Food products machinery	1.7	-	1.3	-	.4	-	2.1	-	.5	-	1.2	-
3552	Textile machinery	1.9	-	1.0	-	.7	-	2.6	-	.5	-	1.8	-
356	General industrial machinery	1.5	-	.9	-	.4	-	2.4	-	.5	-	1.5	-
3561	Pumps and pumping equipment	1.6	-	.9	-	.2	-	1.7	-	.5	-	.9	-
3562	Ball and roller bearings	1.4	-	.5	-	.5	-	2.5	-	.3	-	1.7	-
3564	Blowers and fans	1.4	-	1.0	-	.3	-	3.1	-	.7	-	2.0	-
357	Office and computing machines	1.9	-	1.5	-	.2	-	1.3	-	.7	-	.2	-
3573	Electronic computing equipment	2.0	-	1.7	-	.2	-	1.1	-	.7	-	.1	-
358	Refrigeration and service machinery	1.8	-	.8	-	.7	-	3.1	-	.5	-	1.8	-
3585	Refrigeration and heating equipment	1.7	-	.7	-	.6	-	3.2	-	.4	-	2.0	-
359	Misc. machinery, except electrical	1.9	-	1.4	-	.4	-	5.0	-	.9	-	3.4	-
36	ELECTRIC AND ELECTRONIC EQUIPMENT	2.1	1.5	1.2	.8	.5	.4	3.4	3.4	.7	.6	2.0	2.0
361	Electric distributing equipment	1.5	-	1.0	-	.2	-	2.9	-	.7	-	1.6	-
3612	Transformers	1.8	-	1.2	-	.2	-	3.0	-	.7	-	1.6	-
3613	Switchgear and switchboard apparatus	1.2	-	.8	-	.1	-	2.9	-	.6	-	1.5	-
362	Electrical industrial apparatus	1.6	-	.7	-	.4	-	2.6	-	.5	-	1.6	-
3621	Motors and generators	2.0	-	.7	-	.6	-	2.6	-	.5	-	1.6	-
3622	Industrial controls	1.3	-	.7	-	.2	-	2.5	-	.5	-	1.3	-
363	Household appliances	3.5	-	.6	-	2.1	-	11.8	-	.5	-	10.0	-
3632	Household refrigerators and freezers	8.0	-	.1	-	6.3	-	25.2	-	.3	-	23.3	-
3633	Household laundry equipment	1.4	-	.2	-	.0	-	22.1	-	.1	-	20.7	-
3634	Electric housewares and fans	2.4	-	1.0	-	1.0	-	3.8	-	.9	-	2.0	-
364	Electric lighting and wiring equipment	1.9	-	1.2	-	.5	-	3.6	-	.7	-	2.3	-
3641	Electric lamps	1.4	-	.4	-	.5	-	1.1	-	.3	-	.1	-
3643	Current-carrying wiring devices	1.8	-	1.3	-	.2	-	3.0	-	.7	-	1.7	-
365	Radio and TV receiving equipment	3.1	-	1.1	-	.7	-	5.7	-	.8	-	3.8	-
3651	Radio and TV receiving sets	2.8	-	1.1	-	.5	-	5.5	-	.7	-	3.6	-
366	Communication equipment	1.6	-	1.1	-	.1	-	1.3	-	.5	-	.2	-
3661	Telephone and telegraph apparatus	.6	-	.4	-	.1	-	.8	-	.2	-	.2	-
3662	Radio and TV communication equipment	2.0	-	1.4	-	.1	-	1.5	-	.6	-	.2	-
367	Electronic components and accessories	2.1	-	1.6	-	.3	-	2.4	-	1.0	-	.7	-
3671-3	Electronic tubes	1.9	-	.6	-	.6	-	2.1	-	.4	-	1.1	-
3674	Semiconductors and related devices	1.7	-	1.2	-	.3	-	1.9	-	.8	-	.2	-
3679	Electronic components, nec	2.4	-	2.0	-	.2	-	2.7	-	1.2	-	.8	-
369	Misc. electrical equipment and supplies	3.2	-	1.1	-	1.9	-	6.3	-	.7	-	4.9	-
3694	Engine electrical equipment	4.6	-	.9	-	3.3	-	10.1	-	.7	-	8.4	-
37	TRANSPORTATION EQUIPMENT	2.3	-	.8	-	1.2	-	4.9	-	.5	-	3.7	-
371	Motor vehicles and equipment	2.9	-	.3	-	2.0	-	7.6	-	.4	-	6.4	-
3711	Motor vehicles and car bodies	4.0	-	.1	-	3.3	-	9.9	-	.4	-	8.6	-
3713	Truck and bus bodies	2.4	-	.8	-	.3	-	11.0	-	1.6	-	9.0	-
3714	Motor vehicle parts and accessories	2.0	-	.4	-	1.1	-	5.5	-	.4	-	4.4	-
3715	Truck trailers	2.4	-	1.2	-	1.0	-	4.7	-	.8	-	3.2	-
372	Aircraft and parts	1.1	-	.7	-	.1	-	1.7	-	.4	-	.9	-
3721	Aircraft	.8	-	.6	-	.1	-	1.6	-	.3	-	1.1	-
3724	Aircraft engines and engine parts	.9	-	.5	-	.1	-	1.5	-	.4	-	.7	-
3728	Aircraft equipment, nec	1.9	-	1.6	-	.2	-	2.0	-	.6	-	.9	-
373	Ship and boat building and repairing	4.9	-	2.1	-	2.7	-	8.1	-	1.1	-	6.2	-
3731	Ship building and repairing	5.4	-	2.1	-	3.2	-	8.4	-	.8	-	6.9	-
3732	Boat building and repairing	3.2	-	2.3	-	.8	-	7.0	-	1.9	-	3.7	-
374	Railroad equipment	2.5	-	.3	-	1.9	-	2.8	-	.1	-	1.8	-
376	Guided missiles, space vehicles, parts	1.3	-	1.0	-	.1	-	1.1	-	.4	-	.3	-
3761	Guided missiles and space vehicles	1.3	-	1.0	-	(1)	-	.9	-	.4	-	.1	-
379	Miscellaneous transportation equipment	2.1	-	1.5	-	.5	-	4.1	-	1.1	-	2.6	-
38	INSTRUMENTS AND RELATED PRODUCTS	1.6	1.0	1.2	.8	.2	.1	1.9	1.9	.7	.6	.7	.8
381	Engineering and scientific instruments	1.7	-	1.4	-	.1	-	1.6	-	.7	-	.6	-
382	Measuring and controlling devices	1.5	-	1.1	-	.1	-	2.2	-	.8	-	.8	-
3822	Environmental controls	1.1	-	.6	-	.3	-	2.6	-	.5	-	1.5	-
3823	Process control instruments	1.5	-	1.2	-	.1	-	1.9	-	.7	-	.8	-
3825	Instruments to measure electricity	1.5	-	1.1	-	(1)	-	1.8	-	.9	-	.2	-

See footnotes at end of table.

ESTABLISHMENT DATA LABOR TURNOVER

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P
	INSTRUMENTS AND RELATED PRODUCTS—Con'd												
383	Optical instruments and lenses	1.6	-	1.3	-	0.1	-	1.6	-	0.7	-	0.4	-
384	Medical instruments and supplies	1.8	-	1.2	-	.4	-	1.7	-	.7	-	.5	-
3841	Surgical and medical instruments	2.2	-	1.5	-	.4	-	1.6	-	.8	-	.4	-
3842	Surgical appliances and supplies	1.6	-	1.0	-	.5	-	1.9	-	.7	-	.8	-
385	Ophthalmic goods	2.1	-	1.7	-	.2	-	2.3	-	1.0	-	.8	-
386	Photographic equipment and supplies	1.4	-	1.3	-	(1)	-	1.3	-	.4	-	.2	-
387	Watches, clocks, and watchcases	1.6	-	.9	-	.5	-	6.8	-	.7	-	4.9	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	3.0	2.1	2.0	1.2	.8	.8	6.1	6.8	1.3	.9	3.9	5.3
391	Jewelry, silverware, and plated ware	3.5	-	2.9	-	.5	-	2.9	-	1.2	-	1.1	-
393	Musical instruments	1.6	-	1.2	-	.3	-	5.6	-	.8	-	4.3	-
394	Toys and sporting goods	3.0	-	1.8	-	.8	-	10.8	-	1.8	-	7.9	-
3942,4	Dolls, games, toys, and children's vehicles	2.3	-	1.4	-	.5	-	16.8	-	1.7	-	13.5	-
3949	Sporting and athletic goods, nec	3.8	-	2.2	-	1.1	-	4.2	-	1.8	-	1.5	-
395	Pens, pencils, office and art supplies	1.9	-	1.4	-	.4	-	2.9	-	.7	-	1.1	-
396	Costume jewelry and notions	3.8	-	3.1	-	.6	-	6.1	-	1.9	-	1.1	-
399	Miscellaneous manufactures	3.1	-	1.8	-	1.1	-	4.6	-	1.1	-	2.8	-
	NONDURABLE GOODS												
20	FOOD AND KINDRED PRODUCTS	3.7	3.0	2.0	1.5	1.5	1.3	5.9	5.6	1.4	1.1	3.8	3.8
201	Meat products	4.3	-	2.9	-	1.1	-	4.3	-	2.2	-	1.3	-
2011	Meat packing plants	3.7	-	2.0	-	1.3	-	3.5	-	1.3	-	1.5	-
2013	Sausages and other prepared meats	4.5	-	2.4	-	2.0	-	3.9	-	1.0	-	2.2	-
2016	Poultry dressing plants	5.0	-	4.3	-	.4	-	5.5	-	4.0	-	.5	-
202	Dairy products	2.3	-	1.2	-	.9	-	2.8	-	.8	-	1.4	-
203	Preserved fruits and vegetables	6.0	-	2.4	-	3.4	-	15.8	-	2.0	-	12.9	-
204	Grain mill products	2.4	-	1.5	-	.7	-	3.9	-	1.0	-	2.3	-
205	Bakery products	1.9	-	1.3	-	.5	-	2.5	-	.9	-	1.2	-
2051	Bread, cake, and related products	1.8	-	1.5	-	.3	-	1.9	-	1.0	-	.5	-
2052	Cookies and crackers	2.2	-	.8	-	1.3	-	4.9	-	.6	-	3.9	-
206	Sugar and confectionery products	3.8	-	1.8	-	1.7	-	6.3	-	1.1	-	4.5	-
207	Fats and oils	3.7	-	3.1	-	.5	-	3.7	-	1.1	-	1.9	-
208	Beverages	3.5	-	1.5	-	1.9	-	4.9	-	.9	-	3.3	-
2082	Malt beverages	6.7	-	.6	-	5.9	-	5.8	-	.2	-	5.1	-
2086	Bottled and canned soft drinks	2.6	-	1.8	-	.6	-	2.7	-	1.2	-	.7	-
209	Misc. foods and kindred products	4.3	-	2.3	-	1.7	-	6.2	-	1.5	-	4.1	-
21	TOBACCO MANUFACTURES	4.4	-	1.1	-	2.7	-	6.5	-	.4	-	5.3	-
211	Cigarettes	1.5	-	.3	-	.3	-	1.0	-	.1	-	.1	-
22	TEXTILE MILL PRODUCTS	2.4	1.6	1.4	.8	.8	.7	3.7	3.6	1.1	.8	1.9	2.3
221	Weaving mills, cotton	2.5	-	1.2	-	.9	-	2.7	-	1.0	-	1.0	-
222	Weaving mills, synthetics	2.8	-	1.4	-	1.2	-	3.4	-	1.0	-	1.7	-
223	Weaving and finishing mills, wool	3.4	-	2.0	-	1.3	-	3.1	-	1.2	-	1.1	-
224	Narrow fabric mills	2.6	-	1.9	-	.7	-	3.1	-	1.0	-	1.5	-
225	Knitting mills	2.4	-	1.5	-	.7	-	3.7	-	1.2	-	1.9	-
2251	Women's hosiery, except socks	2.3	-	2.0	-	.2	-	2.1	-	1.3	-	.3	-
2252	Hosiery, nec	2.9	-	2.0	-	.7	-	3.4	-	1.5	-	1.3	-
2253	Knit outerwear mills	2.2	-	1.7	-	.5	-	2.9	-	1.2	-	1.2	-
2254	Knit underwear mills	1.7	-	1.3	-	.2	-	3.1	-	1.2	-	1.1	-
2257	Circular knit fabric mills	2.1	-	.8	-	1.1	-	7.4	-	1.4	-	5.4	-
226	Textile finishing, except wool	1.8	-	1.1	-	.5	-	3.1	-	1.0	-	1.5	-
227	Floor covering mills	1.4	-	1.0	-	.2	-	4.0	-	1.0	-	2.2	-
228	Yarn and thread mills	2.3	-	1.7	-	.5	-	3.6	-	1.6	-	1.3	-
229	Miscellaneous textile goods	3.0	-	1.3	-	1.5	-	7.2	-	.9	-	5.4	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	3.9	2.6	2.3	1.2	1.3	1.2	5.6	5.9	1.8	1.2	3.1	4.0
231	Men's and boys' suits and coats	3.4	-	2.2	-	.8	-	2.5	-	1.3	-	.7	-
232	Men's and boys' furnishings	3.2	-	2.2	-	.9	-	4.8	-	2.0	-	2.1	-
2321	Men's and boys' shirts and nightwear	3.5	-	1.7	-	1.6	-	4.6	-	1.8	-	2.2	-
2327	Men's and boys' separate trousers	3.3	-	2.9	-	.3	-	3.2	-	2.1	-	.6	-
2328	Men's and boys' work clothing	3.1	-	2.5	-	.4	-	3.9	-	2.3	-	1.0	-
233	Women's and misses' outerwear	4.7	-	2.4	-	2.1	-	6.4	-	1.5	-	4.0	-
234	Women's and children's undergarments	3.2	-	2.3	-	.7	-	4.6	-	2.3	-	1.5	-
2341	Women's and children's underwear	2.9	-	2.1	-	.6	-	4.6	-	2.4	-	1.5	-
2342	Brassieres and allied garments	4.5	-	3.3	-	.8	-	4.4	-	1.7	-	1.6	-
236	Children's outerwear	4.6	-	3.4	-	1.0	-	6.4	-	2.0	-	3.7	-
238	Misc. apparel and accessories	2.9	-	1.6	-	1.2	-	7.4	-	1.8	-	4.4	-
239	Misc. fabricated textile products	3.8	-	2.3	-	1.1	-	6.7	-	1.8	-	3.9	-
26	PAPER AND ALLIED PRODUCTS	1.7	1.3	.8	.5	.7	.6	2.6	2.9	.5	.4	1.7	2.0
261,2,6	Paper and pulp mills .....	.9	-	.5	-	.2	-	1.5	-	.2	-	1.0	-
262	Paper mills, except building paper .....	.9	-	.4	-	.2	-	1.3	-	.2	-	.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2. Labor turnover rates, by industry—Continued

(Per 100 employees)

1972 SIC Code	Industry	Accession rates						Separation rates					
		Total		New hires		Recalls		Total		Quits		Layoffs	
		NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P	NOV. 1981	DEC. 1981P
	PAPER AND ALLIED PRODUCTS—Continued												
263	Paperboard mills	1.8	-	0.4	-	1.4	-	1.9	-	0.3	-	1.3	-
264	Misc. converted paper products	2.2	-	1.2	-	.9	-	3.1	-	.6	-	1.9	-
265	Paperboard containers and boxes	1.8	-	.9	-	.7	-	3.5	-	.7	-	2.2	-
2651	Folding paperboard boxes	2.2	-	1.2	-	.9	-	3.3	-	.6	-	2.2	-
2653	Corrugated and solid fiber boxes	1.2	-	.7	-	.3	-	3.0	-	.6	-	1.8	-
27	PRINTING AND PUBLISHING	2.7	2.1	2.1	1.6	.5	0.4	2.8	2.7	1.5	1.3	.8	.9
271	Newspapers	3.0	-	2.8	-	.1	-	3.0	-	2.5	-	.1	-
272	Periodicals	2.0	-	1.9	-	.1	-	1.6	-	1.1	-	.2	-
273	Books	3.7	-	1.7	-	1.7	-	2.0	-	1.1	-	.4	-
274	Miscellaneous publishing	1.6	-	1.4	-	.1	-	1.4	-	.9	-	.2	-
275	Commercial printing	2.7	-	1.9	-	.7	-	3.0	-	.9	-	1.6	-
2751	Commercial printing, letterpress	3.0	-	1.8	-	1.1	-	4.1	-	1.0	-	2.6	-
2752	Commercial printing, lithographic	2.6	-	1.9	-	.5	-	2.4	-	.8	-	1.0	-
278	Blankbooks and bookbinding	2.4	-	2.0	-	.4	-	3.6	-	1.1	-	1.6	-
28	CHEMICALS AND ALLIED PRODUCTS	1.0	.8	.7	.5	.2	.2	1.5	1.6	.4	.3	.7	.8
281	Industrial inorganic chemicals	.8	-	.6	-	.1	-	.9	-	.3	-	.4	-
2819	Industrial inorganic chemicals, nec	.7	-	.5	-	.1	-	.7	-	.2	-	.3	-
282	Plastics materials and synthetics	.7	-	.3	-	.3	-	2.1	-	.4	-	1.1	-
2821	Plastics materials and resins	.7	-	.5	-	.1	-	1.1	-	.3	-	.5	-
2824	Organic fibers, noncellulosic	.3	-	.1	-	.1	-	3.0	-	.6	-	1.6	-
283	Drugs	1.1	-	.9	-	.1	-	.9	-	.4	-	.2	-
2834	Pharmaceutical preparations	1.2	-	1.0	-	.2	-	1.0	-	.4	-	.2	-
284	Soap, cleaners, and toilet goods	1.5	-	1.1	-	.2	-	2.1	-	.5	-	1.0	-
2841	Soap and other detergents	1.0	-	.9	-	.1	-	1.8	-	.3	-	.9	-
2844	Toilet preparations	1.7	-	1.1	-	.3	-	2.0	-	.6	-	1.0	-
285	Paints and allied products	.9	-	.8	-	.1	-	2.2	-	.6	-	1.1	-
286	Industrial organic chemicals	.7	-	.5	-	.1	-	.8	-	.2	-	.3	-
287	Agricultural chemicals	1.4	-	.7	-	.7	-	1.8	-	.5	-	.9	-
289	Miscellaneous chemical products	1.2	-	.9	-	.2	-	1.9	-	.5	-	1.0	-
29	PETROLEUM AND COAL PRODUCTS	1.1	1.1	.8	.9	.2	.2	1.7	3.1	.4	.4	.8	2.3
291	Petroleum refining	.8	-	.7	-	(1)	-	.7	-	.3	-	.1	-
295	Paving and roofing materials	2.0	-	1.1	-	.8	-	7.3	-	1.1	-	5.5	-
30	RUBBER AND MISC. PLASTICS PRODUCTS	2.2	1.5	1.2	.8	.7	.6	4.8	4.3	.9	.7	3.1	3.0
301	Tires and inner tubes	.9	-	.2	-	.3	-	1.6	-	.2	-	.9	-
302	Rubber and plastics footwear	6.0	-	2.6	-	3.0	-	7.0	-	1.7	-	3.5	-
303.4	Reclaimed rubber, and rubber and plastics hose and belting	1.6	-	.8	-	.5	-	6.4	-	.5	-	5.2	-
306	Fabricated rubber products, nec	1.9	-	.9	-	.7	-	6.1	-	.8	-	4.5	-
307	Miscellaneous plastics products	2.5	-	1.6	-	.7	-	5.1	-	1.2	-	3.2	-
31	LEATHER AND LEATHER PRODUCTS	3.4	2.4	2.1	1.2	1.0	1.1	5.5	9.6	2.0	1.4	2.7	7.5
311	Leather tanning and finishing	2.8	-	.9	-	1.9	-	7.2	-	.8	-	5.7	-
314	Footwear, except rubber	3.5	-	2.4	-	.9	-	4.4	-	1.9	-	1.8	-
3143	Men's footwear, except athletic	2.5	-	1.9	-	.3	-	3.3	-	1.7	-	.8	-
3144	Women's footwear, except athletic	4.8	-	2.7	-	1.9	-	5.2	-	2.0	-	2.6	-
	NONMANUFACTURING:												
-	MINING	4.7	2.8	3.5	2.1	.8	.6	4.7	3.4	2.7	1.8	1.1	1.0
10	METAL MINING	3.3	3.2	.8	.3	2.4	2.5	5.7	2.2	.6	.2	4.6	1.5
101	Iron ores	11.4	-	.1	-	10.9	-	19.8	-	.1	-	18.9	-
102	Copper ores	.5	-	.4	-	(1)	-	1.1	-	.2	-	.5	-
12	BITUMINOUS COAL AND LIGNITE MINING	1.3	.6	.8	.4	.4	.1	1.5	1.2	.5	.3	.7	.6
13	OIL AND GAS EXTRACTION	6.7	3.8	5.3	3.2	.7	.5	5.6	3.9	4.2	2.8	.2	.4
131, 2	Crude petroleum, natural gas, and natural gas liquids	1.9	-	1.7	-	(1)	-	1.2	-	.9	-	(1)	-
138	Oil and gas field services	9.8	-	7.5	-	1.1	-	8.4	-	6.2	-	.3	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	1.9	1.3	1.0	.7	.8	.6	5.7	6.4	.7	.5	4.2	5.4
142	Crushed and broken stone	2.8	-	.9	-	1.7	-	8.0	-	1.0	-	6.1	-
144	Sand and gravel	1.7	-	1.0	-	.6	-	9.1	-	.9	-	7.5	-
-	COMMUNICATION:												
481	Telephone communication	.4	-	.3	-	(1)	-	.5	-	.2	-	.1	-

¹ Less than 0.05.

p = preliminary.

NOTE: This table will be discontinued after the March issue. See page 4 in this issue.

ESTABLISHMENT DATA SEASONALLY ADJUSTED LABOR TURNOVER

D-3. Labor turnover rates in manufacturing, 1971 to date, seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1971.....	3.8	3.7	3.7	3.8	3.8	3.8	3.8	4.0	4.0	3.9	4.0	4.2
1972.....	4.3	4.3	4.4	4.4	4.4	4.3	4.3	4.5	4.5	4.6	4.7	4.9
1973.....	5.0	5.2	5.1	4.9	4.8	4.7	4.6	4.6	4.8	4.8	5.0	4.7
1974.....	4.7	4.6	4.5	4.6	4.5	4.3	4.3	4.1	4.0	3.8	3.3	3.1
1975.....	3.0	3.2	3.2	3.6	3.7	3.8	4.0	4.0	3.9	3.8	3.8	3.8
1976.....	4.2	4.1	4.2	4.1	4.0	3.8	3.9	3.8	3.7	3.6	3.8	3.8
1977.....	3.9	4.5	4.1	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.0	4.3
1978.....	4.0	3.9	3.9	4.2	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.3
1979.....	4.1	4.1	4.0	4.0	4.0	4.1	3.9	3.9	3.9	3.9	3.9	3.8
1980.....	3.9	3.8	3.7	3.2	3.1	3.4	3.5	3.6	3.7	3.7	3.6	3.5
1981.....	3.5	3.5	3.4	3.4	3.1	3.4	3.4	3.2	2.9	2.9	3.1	P2.7
New hires												
1971.....	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.7	2.9
1972.....	3.0	3.1	3.2	3.2	3.3	3.2	3.2	3.3	3.4	3.6	3.7	4.0
1973.....	4.0	4.2	4.1	4.0	4.0	3.8	3.7	3.7	3.8	3.9	4.1	3.8
1974.....	3.8	3.7	3.6	3.5	3.5	3.3	3.3	3.1	3.0	2.7	2.3	1.9
1975.....	1.6	1.6	1.5	1.7	1.8	1.9	2.3	2.3	2.4	2.3	2.4	2.5
1976.....	2.6	2.7	2.9	2.8	2.7	2.7	2.7	2.6	2.5	2.4	2.5	2.5
1977.....	2.6	2.8	2.8	2.9	3.0	2.8	2.8	2.9	2.8	2.9	2.8	3.1
1978.....	2.9	2.8	2.9	3.1	3.0	3.1	3.1	3.1	3.2	3.3	3.3	3.3
1979.....	3.1	3.1	3.0	3.0	3.0	3.1	2.9	2.8	2.8	2.8	2.8	2.8
1980.....	2.7	2.6	2.5	2.1	1.8	1.9	2.0	2.0	2.1	2.1	2.1	2.1
1981.....	2.1	2.2	2.1	2.1	2.0	2.2	2.3	2.1	1.8	1.7	1.6	P1.4
Recalls												
1976.....	1.1	1.0	1.1	1.0	1.0	0.9	1.0	0.9	0.8	0.9	0.9	1.0
1977.....	.9	1.3	1.0	.9	.8	.8	.8	.8	.8	.7	.8	.8
1978.....	.8	.7	.8	.8	.8	.7	.7	.7	.7	.7	.7	.7
1979.....	.7	.7	.7	.7	.8	.7	.8	.7	.8	.8	.8	.7
1980.....	.9	.9	.9	.8	1.0	1.2	1.3	1.4	1.4	1.3	1.2	1.1
1981.....	1.0	1.0	1.1	1.1	1.0	1.0	.9	.8	.9	.9	1.2	P1.0
Total separations												
1971.....	4.3	4.1	4.0	4.1	4.2	4.1	4.2	4.6	4.3	4.1	4.1	4.1
1972.....	4.2	4.1	4.2	4.2	4.2	4.5	4.5	4.2	4.3	4.1	4.3	4.4
1973.....	4.6	4.7	4.8	4.6	4.6	4.7	4.9	4.6	4.5	4.7	4.8	4.8
1974.....	5.1	5.0	4.9	4.7	4.6	4.5	4.5	4.8	4.4	4.8	5.2	4.9
1975.....	5.2	5.1	4.6	4.6	4.6	4.3	4.0	3.9	3.8	3.8	3.8	3.5
1976.....	3.6	3.5	3.8	3.9	3.7	3.9	3.9	3.9	3.9	3.9	3.6	3.6
1977.....	3.9	4.1	3.8	3.7	3.8	3.7	3.9	4.0	3.9	3.8	3.8	4.0
1978.....	3.8	3.8	3.8	4.0	3.9	3.9	3.9	3.8	4.0	3.9	3.9	4.1
1979.....	4.0	3.9	3.9	4.0	4.0	4.0	4.0	4.3	3.9	4.0	4.1	4.0
1980.....	4.2	4.0	4.0	5.2	5.5	4.8	3.8	4.0	3.5	3.6	3.3	3.5
1981.....	3.6	3.6	3.4	3.2	3.4	3.4	3.2	3.6	3.7	4.0	4.1	P3.9
Quits												
1971.....	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
1972.....	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.5	2.6
1973.....	2.8	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.9	2.9	2.7
1974.....	2.7	2.8	2.7	2.6	2.6	2.5	2.5	2.4	2.2	2.0	1.8	1.7
1975.....	1.4	1.3	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.5	1.6	1.5
1976.....	1.6	1.6	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.6	1.5	1.6
1977.....	1.8	1.8	1.8	1.8	1.9	1.8	1.8	1.9	1.9	1.9	1.9	2.0
1978.....	1.9	1.9	2.0	2.1	2.0	2.1	2.1	2.1	2.2	2.2	2.1	2.2
1979.....	2.2	2.1	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	1.8
1980.....	1.9	1.9	1.8	1.6	1.5	1.4	1.4	1.4	1.3	1.3	1.4	1.5
1981.....	1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.3	1.3	1.2	1.1	P1.1
Layoffs												
1971.....	1.7	1.5	1.5	1.5	1.6	1.5	1.5	2.0	1.7	1.5	1.4	1.3
1972.....	1.2	1.2	1.1	1.2	1.2	1.4	1.4	1.1	1.0	1.0	.9	.9
1973.....	.9	.8	.9	.8	.9	.9	.9	1.2	1.0	.9	1.0	1.1
1974.....	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.4	1.3	1.8	2.5	2.5
1975.....	2.9	3.0	2.7	2.6	2.5	2.2	1.7	1.6	1.7	1.5	1.5	1.3
1976.....	1.2	1.0	1.2	1.3	1.2	1.3	1.3	1.3	1.4	1.5	1.3	1.2
1977.....	1.3	1.5	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.0	1.1
1978.....	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9	.9	.9	1.0
1979.....	.9	.9	.9	1.0	1.0	1.1	1.1	1.4	1.2	1.2	1.3	1.3
1980.....	1.4	1.3	1.4	2.7	3.2	2.6	1.6	1.8	1.5	1.5	1.3	1.2
1981.....	1.4	1.3	1.3	1.1	1.3	1.3	1.0	1.4	1.7	2.2	2.3	P2.1

p = preliminary.

NOTE: The data that appeared in this table last month was unadjusted. This table will be discontinued after the March issue. See page 4 of this issue.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

[Per 100 employees]

State and area	Accession rates						Separation rates						
	Total		New hires		Recalls		Total		Quits		Layoffs		
	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	
ALABAMA:													
Birmingham	1.8	1.0	1.3	0.5	0.4	0.4	2.5	3.5	0.6	0.3	1.4	2.7	
Mobile	3.3	3.5	.6	.4	2.6	3.1	7.5	4.4	.8	.5	6.3	3.6	
ALASKA	2.7	2.7	1.2	.6	1.5	1.3	29.3	7.9	3.3	1.7	25.5	5.9	
ARIZONA	2.8	2.1	2.2	1.6	.4	.4	3.0	2.3	1.4	1.1	.7	.5	
Phoenix	2.9	2.2	2.3	1.6	.4	.4	3.2	2.3	1.5	1.1	.6	.4	
ARKANSAS	4.0	3.2	2.9	1.8	.8	1.2	5.4	5.0	2.6	1.8	1.9	2.5	
Fort Smith	3.0	1.7	1.8	.9	.8	.6	7.5	4.5	2.5	1.2	3.8	2.6	
Little Rock—North Little Rock	2.4	1.8	1.9	1.1	.3	.5	4.4	3.5	1.5	.9	2.2	2.0	
Pine Bluff	2.7	1.2	2.2	1.2	.4	(¹)	2.1	2.6	1.1	.8	.1	1.5	
CALIFORNIA	3.4	2.8	2.4	1.9	.8	.7	5.0	3.9	1.4	1.0	2.7	2.2	
COLORADO	2.4	2.2	2.2	1.8	.1	.3	2.7	2.8	1.6	1.2	.5	.9	
Denver—Boulder	2.4	2.3	2.1	2.0	.1	.3	2.6	2.9	1.6	1.3	.4	.9	
CONNECTICUT	1.8	1.4	1.3	1.0	.4	.3	2.5	2.0	.9	.7	.9	.8	
Hartford	1.3	.9	.9	.7	.2	.1	3.3	1.3	.9	.6	1.9	.3	
DELAWARE	1.9	(*)	1.1	(*)	.4	(*)	2.7	(*)	.8	(*)	1.1	(*)	
Wilmington	1.4	(*)	.7	(*)	.3	(*)	1.9	(*)	.4	(*)	.7	(*)	
FLORIDA	4.1	3.9	3.1	2.7	.9	1.0	4.5	3.3	2.4	1.8	1.1	.8	
Fort Lauderdale—Hollywood	4.4	4.8	3.9	4.5	.4	.2	3.9	3.8	2.5	2.5	.6	.5	
Jacksonville	3.3	3.2	2.7	2.1	.5	1.1	3.7	2.7	1.6	.9	1.1	1.2	
Miami	3.3	3.4	2.6	3.1	.6	.2	3.8	4.6	2.1	1.9	.9	1.8	
Orlando	3.3	3.1	2.5	2.2	.7	.8	3.1	2.7	1.6	1.5	.6	.6	
Pensacola	1.8	1.2	1.5	.9	.1	.1	1.2	1.3	.8	.6	.1	.4	
Tampa—St. Petersburg	4.6	4.0	3.7	3.3	.8	.7	4.9	4.0	3.1	2.5	.9	.8	
West Palm Beach—Boca Raton	2.8	3.1	2.1	2.6	.7	.5	2.4	3.8	1.9	2.6	(¹)	.1	
GEORGIA	2.6	2.1	2.0	1.5	.4	.4	3.4	3.2	1.7	1.2	1.0	1.2	
Atlanta	2.6	1.8	2.0	1.2	.5	.4	2.7	2.8	1.2	.8	.8	1.4	
HAWAII ³	1.8	1.8	1.3	.9	.2	.1	1.7	1.3	.7	.4	.5	.5	
IDAHO ⁴	2.1	2.0	.9	.5	.6	.8	8.5	5.6	.9	.6	6.8	4.4	
ILLINOIS:													
Chicago SMSA	2.3	2.8	1.7	1.9	.4	.7	3.0	2.9	.9	1.1	1.2	.9	
Davenport—Rock Island—Moline	1.6	1.3	.5	.1	.8	.8	3.8	1.9	.3	.2	2.7	1.1	
Decatur	2.0	.9	.2	.2	1.4	.5	4.0	2.8	.1	.1	3.4	2.4	
Peoria	2.5	2.5	.4	.2	2.1	2.3	7.1	3.7	.1	.1	4.3	3.1	
Rockford	1.5	1.0	.7	.6	.7	.3	3.3	2.9	.7	.4	1.9	2.0	
INDIANA ⁵	1.7	1.8	.7	.6	.6	.9	4.5	5.5	.6	.5	3.2	4.5	
Indianapolis	2.0	1.8	.9	.8	.6	.5	4.1	3.8	.6	.6	2.6	2.3	
IOWA	2.2	1.4	.8	.7	1.2	.6	5.0	5.2	.7	.4	3.8	4.4	
Cedar Rapids	1.3	1.2	.5	.4	.8	.7	2.0	1.9	.4	.3	1.3	1.3	
Des Moines	2.0	.9	.9	.3	.1	.1	2.5	2.1	.5	.3	.7	.6	
KANSAS	3.1	2.5	2.0	1.5	.9	.9	3.9	3.7	1.6	1.2	1.1	1.9	
Topeka	6.9	6.6	1.1	1.8	5.7	4.4	6.6	6.4	.8	1.4	5.2	4.4	
Wichita	2.3	1.6	1.7	1.1	.5	.3	2.6	3.1	1.2	.7	.6	1.9	
KENTUCKY	2.4	3.0	1.0	.8	1.1	1.9	3.9	7.9	.7	.5	2.4	6.6	
Lexington—Fayette	1.9	3.5	1.1	.6	.7	2.9	3.4	3.3	.5	.4	2.4	2.2	
Louisville	2.3	1.7	.4	.4	1.0	.6	2.3	14.2	.4	.2	.8	12.8	
LOUISIANA:													
New Orleans	3.9	3.2	3.3	2.4	.5	.6	4.2	4.3	1.7	1.3	1.2	1.8	
MAINE	3.6	2.7	2.3	1.6	1.0	.7	4.8	4.2	1.7	1.1	2.3	2.3	
Portland	2.5	1.7	1.9	1.1	.3	.1	2.3	1.9	1.3	.8	.4	.3	
MARYLAND	2.3	2.3	1.3	1.0	.7	1.1	4.2	4.2	.9	.6	2.2	3.0	
Baltimore	2.3	2.4	1.2	.9	.8	1.2	3.7	4.2	.7	.5	1.9	3.1	
MASSACHUSETTS	2.6	(*)	1.7	(*)	.8	(*)	3.0	(*)	1.4	(*)	.9	(*)	
Boston	3.6	(*)	1.6	(*)	1.4	(*)	2.9	(*)	1.1	(*)	1.2	(*)	

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

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

[Per 100 employees]

State and area	Accession rates						Separation rates					
	Total		New hires		Recalls		Total		Quits		Layoffs	
	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P	Oct. 1981	Nov. 1981 ^P
MICHIGAN	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Detroit	1.2	(*)	.2	(*)	.7	(*)	3.7	(*)	.5	(*)	2.6	(*)
Flint	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Grand Rapids	1.8	(*)	.6	(*)	.8	(*)	3.5	(*)	.7	(*)	2.2	(*)
Lansing—East Lansing	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
MINNESOTA	2.8	1.9	1.9	1.3	.8	.5	3.4	2.6	1.1	.7	1.7	1.5
Minneapolis—St. Paul	2.1	1.8	1.7	1.4	.2	.3	2.5	2.3	1.0	.8	1.1	1.2
MISSISSIPPI:												
Jackson	3.0	4.0	2.4	1.8	.6	2.2	5.7	4.1	1.7	1.2	3.6	2.4
MISSOURI	2.3	2.1	1.6	1.2	.5	.8	3.4	2.9	1.2	.8	1.6	1.6
Kansas City	2.1	2.0	1.6	1.1	.4	.8	3.2	2.1	1.1	.7	1.0	.8
St. Louis	1.8	1.7	1.0	.8	.7	.8	3.1	2.6	.7	.4	1.9	1.8
MONTANA	5.5	2.2	4.1	1.5	1.1	.7	4.8	3.9	1.3	1.3	2.9	2.2
NEBRASKA	2.4	1.9	1.9	1.2	.5	.6	3.6	3.2	1.4	1.0	1.5	1.6
NEVADA	3.1	3.0	2.6	2.3	.5	.6	2.7	4.7	1.9	1.7	.1	2.4
NEW HAMPSHIRE	3.3	2.8	2.6	1.8	.5	.6	3.8	3.3	2.1	1.5	.9	1.2
NEW JERSEY:												
Camden	2.5	1.9	1.6	1.2	.6	.5	4.0	5.9	.7	.5	2.7	4.5
Hackensack	3.0	2.7	2.3	1.8	.6	.8	4.4	3.6	1.6	1.1	1.9	1.7
Jersey City	3.0	2.6	1.8	1.7	1.1	.9	5.9	4.3	1.0	.5	3.3	3.0
New Brunswick—Perth Amboy—Sayreville	3.0	2.1	2.2	1.4	.5	.6	4.3	2.5	1.1	.7	2.4	1.1
Newark	2.3	2.0	1.9	1.5	.2	.3	2.8	2.6	.9	.7	1.1	1.1
Paterson—Clifton—Passaic	2.6	2.2	1.7	1.6	.7	.5	5.0	3.7	1.1	.8	2.0	2.1
Trenton	2.0	2.7	1.0	1.0	.9	1.6	6.0	4.4	.7	.6	4.7	3.3
NEW MEXICO	3.6	2.0	3.0	1.8	.6	.2	4.9	2.7	1.9	1.4	2.0	.8
NEW YORK	3.2	3.1	1.9	1.5	1.1	1.4	3.8	4.5	1.2	.8	1.9	3.0
Albany—Schenectady—Troy	2.1	2.1	1.2	.7	.4	.8	3.3	5.8	.7	.4	1.5	4.7
Binghamton	2.2	2.9	1.8	2.6	.2	.2	1.5	2.2	.8	1.2	.2	.2
Buffalo	3.3	2.2	.7	.6	2.4	1.4	3.5	5.4	.5	.3	2.3	4.5
Elmira	2.1	1.2	.8	.7	1.0	.4	2.8	3.1	.7	.4	1.1	1.9
Monroe County ⁸	1.7	1.4	1.3	1.2	.3	.2	2.4	1.9	1.1	.5	.9	.9
Nassau—Suffolk ⁹	4.0	3.5	3.1	2.5	.7	.8	3.9	3.0	2.1	1.5	.9	.8
New York and Nassau—Suffolk	3.8	3.8	2.6	2.0	1.1	1.7	4.1	5.8	1.4	1.1	1.8	4.0
New York SMSA ⁹	3.8	3.9	2.4	1.9	1.2	1.9	4.1	6.7	1.2	.9	2.0	4.9
New York City ¹⁰	4.1	3.0	2.6	2.0	1.4	.9	4.4	6.2	1.3	1.0	2.2	4.4
Rochester	2.3	1.6	1.7	1.2	.5	.3	3.1	2.5	1.2	.6	1.4	1.3
Syracuse	2.2	1.9	1.3	1.2	.7	.6	4.1	2.5	1.3	.7	2.2	1.4
Utica—Rome	2.3	2.2	1.4	1.1	.7	.9	3.1	3.7	.8	.6	1.6	2.8
Westchester County ¹⁰	2.1	10.9	1.7	1.4	.3	9.3	2.6	11.0	.9	.8	1.1	9.3
NORTH CAROLINA	2.7	1.6	2.2	1.3	.3	.2	3.3	2.9	1.7	1.1	.8	1.2
Charlotte—Gastonia	3.2	1.9	2.7	1.6	.3	.2	4.1	3.5	2.3	1.4	1.0	1.4
Greensboro—Winston-Salem—High Point	2.6	1.9	2.1	1.5	.3	.2	2.7	2.4	1.7	1.2	.3	.6
NORTH DAKOTA	8.8	7.8	6.2	4.8	1.4	1.9	4.5	5.7	2.2	1.6	1.5	3.3
Fargo—Moorhead	11.0	2.4	3.9	1.8	6.9	.2	3.5	3.7	1.4	1.7	1.1	.9
OHIO	1.9	1.6	.7	.4	(*)	(*)	3.4	3.6	.5	.3	2.2	2.8
Akron	1.2	1.0	.5	.3	(*)	(*)	2.0	2.4	.3	.2	1.3	1.9
Canton	2.7	1.7	.8	.5	(*)	(*)	3.8	3.4	.5	.4	2.4	2.4
Cincinnati	1.9	1.6	.8	.6	(*)	(*)	2.8	2.0	.7	.5	1.6	1.0
Cleveland	1.7	1.2	.9	.5	(*)	(*)	2.9	3.2	.6	.4	1.6	2.2
Columbus	2.1	1.4	1.3	.8	(*)	(*)	3.2	1.9	.9	.5	1.7	.8
Dayton	1.5	1.2	.8	.6	(*)	(*)	2.4	2.0	.7	.4	1.1	1.2
Toledo	1.9	1.3	.6	.5	(*)	(*)	3.0	3.6	.4	.3	2.0	2.9
Youngstown—Warren	1.5	2.3	.4	.3	(*)	(*)	3.0	4.4	.4	.2	1.7	3.6
OKLAHOMA	5.5	4.3	4.8	3.6	.4	.4	5.9	6.2	3.9	3.0	.9	2.3
Oklahoma City	4.5	3.8	4.1	3.2	.3	.5	5.0	7.9	3.5	2.5	.6	4.7
Tulsa ¹¹	5.8	4.1	5.4	3.7	.3	.2	4.9	4.8	3.0	2.2	.7	1.5
OREGON ⁵	3.3	2.8	1.9	1.1	1.3	1.7	6.5	6.6	1.1	.7	4.7	5.3
Eugene—Springfield ⁵	2.5	1.5	.9	.5	1.4	.7	10.6	7.0	.9	.5	8.9	6.2
Portland ⁵	3.2	2.2	2.2	1.2	.9	.9	4.9	5.3	1.2	.7	3.0	3.9

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

[Per 100 employees]

State and area	Accession rates						Separation rates					
	Total		New hires		Recalls		Total		Quits		Layoffs	
	Oct. 1981	Nov. 1981 ^p	Oct. 1981	Nov. 1981 ^p	Oct. 1981	Nov. 1981 ^p	Oct. 1981	Nov. 1981 ^p	Oct. 1981	Nov. 1981 ^p	Oct. 1981	Nov. 1981 ^p
PENNSYLVANIA	2.5	2.6	1.2	0.8	1.0	1.6	4.5	4.0	0.8	0.5	2.9	2.9
Allentown—Bethlehem—Easton	2.5	2.2	1.3	.7	.4	1.1	5.4	3.9	.8	.6	3.2	2.4
Altoona	1.0	1.1	.6	.3	.3	.8	3.4	2.1	.4	.3	2.9	1.7
Erie	1.9	2.1	1.0	1.1	.5	.8	3.2	4.6	.6	.7	1.7	3.3
Harrisburg	1.6	1.5	.9	.7	.6	.5	3.1	2.4	.7	.7	1.5	1.3
Johnstown	3.3	2.1	.7	.2	2.4	1.8	5.6	6.4	1.5	.3	2.3	5.7
Lancaster	1.9	1.5	1.6	.8	.1	.3	2.9	2.7	1.0	.6	1.4	1.8
Northeast Pennsylvania	3.5	2.4	1.5	1.0	1.9	1.2	4.3	3.6	1.0	.7	2.9	2.4
Philadelphia SMSA	2.3	2.4	1.5	1.1	.6	1.1	4.0	2.8	.9	.6	2.4	1.7
Pittsburgh	2.4	4.0	.5	.3	1.5	3.4	5.7	5.9	.3	.2	4.6	5.2
Reading	2.7	2.4	1.4	1.2	1.2	1.1	2.5	4.3	1.0	.6	.9	3.2
Scranton	4.1	2.0	1.8	1.3	2.3	.7	4.4	3.3	1.2	1.1	2.8	1.9
Wilkes-Barre—Hazleton	3.2	2.8	1.3	.9	1.8	1.7	4.8	4.1	.8	.5	3.4	3.1
Williamsport	5.3	2.3	.7	1.0	4.5	1.2	3.7	2.2	.6	.4	2.8	1.6
York	2.4	1.4	1.8	.8	.5	.5	3.5	4.1	1.2	.8	1.6	2.8
RHODE ISLAND	3.2	2.6	2.5	1.9	.5	.6	4.2	4.1	1.6	1.1	1.8	2.2
Providence—Warwick—Pawtucket	3.3	2.5	2.5	1.8	.6	.6	4.1	3.9	1.6	1.1	1.8	2.3
SOUTH CAROLINA	3.4	2.6	1.9	1.3	1.3	1.0	4.7	3.8	1.4	1.0	2.6	2.1
Charleston—North Charleston	1.5	1.2	1.1	1.1	.2	(¹)	5.0	5.0	.9	1.3	2.8	3.0
Columbia	2.3	1.5	1.9	1.3	.2	.2	4.1	3.5	1.5	1.2	1.8	1.7
Greenville—Spartanburg	3.3	2.7	2.4	1.7	.7	.9	3.6	3.7	1.7	1.3	1.1	1.7
SOUTH DAKOTA	2.8	2.0	1.8	1.2	.8	.5	2.4	2.9	1.0	.8	1.0	1.7
Sioux Falls	2.2	3.3	1.0	1.4	1.2	1.8	1.6	1.8	.4	.6	.6	.8
TENNESSEE:												
Memphis	1.7	1.4	1.0	1.0	.5	.3	3.0	3.4	.6	.6	1.9	2.2
TEXAS:												
Dallas—Fort Worth	3.9	3.3	3.5	2.8	.2	.3	4.1	3.7	2.5	2.1	.7	.9
Houston	3.8	2.9	3.6	2.6	.1	.2	4.3	2.6	2.6	1.7	.2	.2
San Antonio	4.1	3.3	3.8	2.8	.2	.4	5.1	3.9	2.5	2.3	.4	.1
UTAH ⁴	3.9	3.3	3.1	2.5	.7	.7	5.9	4.4	2.3	1.4	2.8	2.4
Salt Lake City—Ogden	3.3	2.6	3.0	2.3	.2	.3	4.0	3.4	2.2	1.3	.8	1.5
VERMONT	2.4	2.1	1.6	1.5	.6	.4	3.2	2.2	1.2	.8	1.5	1.0
Burlington	2.0	2.7	1.7	2.0	.2	.3	2.1	1.1	.7	.5	1.0	.3
Springfield	1.1	1.0	.6	.5	.5	.4	2.4	2.4	.9	.3	.8	1.8
VIRGINIA	1.9	2.3	1.3	1.1	.5	1.0	2.5	3.1	.9	.6	.9	2.0
Richmond .....	.7	1.4	.6	.6	.1	.1	1.4	2.0	.5	.3	.5	.9
WASHINGTON: ¹³												
Seattle—Everett	1.7	1.5	1.2	.9	.5	.5	2.9	2.7	.8	.5	1.5	1.7
WEST VIRGINIA	2.0	1.0	.9	.4	1.0	.6	4.0	3.9	.8	.4	2.7	3.1
WISCONSIN	2.0	2.2	.9	.6	.7	1.2	5.2	3.9	.6	.4	3.7	2.8
Milwaukee	1.9	2.4	.8	.5	.7	1.2	3.7	2.8	.5	.4	2.4	1.5
WYOMING	10.2	2.2	7.9	2.0	2.3	.2	8.2	14.6	5.1	1.7	1.6	12.3

¹ Less than 0.05.

² Excludes agricultural chemicals, and miscellaneous manufacturing.

³ Excludes canned fruits, vegetables, preserves, jams, and jellies.

⁴ Excludes canning and preserving, and sugar.

⁵ Excludes canning and preserving.

⁶ Excludes canning and preserving, and newspapers.

⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Area included in New York and Nassau-Suffolk combined SMSA's.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Excludes new-hire rate for transportation equipment.

¹² Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area.

¹³ Excludes canning and preserving, printing and publishing.

p = preliminary.

* Not available.

SOURCE: Cooperating State agencies listed on inside back cover except for data for the States of California, New Mexico, and West Virginia which are collected and calculated by the Bureau of Labor Statistics (Washington Office).

NOTE: This table will be discontinued with this issue. See page 4 in this issue.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
ALABAMA	1,637.1	1,638.0	1,639.5	139.9	187.6	198.8	8.5	11.5	12.1
Birmingham	380.3	374.0	375.4	35.5	40.4	41.0	9.3	10.8	10.9
Huntsville	137.1	138.8	138.7	12.3	14.3	14.5	9.0	10.3	10.5
Mobile	183.6	182.5	182.2	13.1	19.7	20.6	7.1	10.8	11.3
Montgomery	118.9	117.7	118.3	8.9	11.4	12.0	7.5	9.7	10.2
Tuscaloosa	53.2	52.3	52.6	4.3	5.5	5.3	8.0	10.6	10.1
ALASKA	182.0	195.9	194.2	18.1	18.4	19.0	9.9	9.4	9.8
ARIZONA	1,149.3	1,198.3	1,200.7	75.4	77.3	78.9	6.6	6.4	6.6
Phoenix	699.9	732.7	734.4	40.2	39.0	39.9	5.7	5.3	5.4
Tucson	211.3	220.6	221.4	12.0	13.0	13.0	5.7	5.9	5.9
ARKANSAS	948.4	1,018.1	991.2	74.7	96.6	101.5	7.9	9.5	10.2
Fayetteville-Springdale	76.9	80.6	79.9	3.8	4.5	5.2	4.9	5.6	6.5
Fort Smith ¹	82.0	86.1	85.3	6.6	9.6	10.0	8.1	11.1	11.7
Little Rock—North Little Rock	186.1	194.7	193.4	11.0	15.7	16.4	5.9	8.1	8.5
Pine Bluff	38.8	40.8	39.7	2.9	4.0	4.0	7.5	9.8	10.0
CALIFORNIA ²	11,243.0	11,506.0	11,489.1	701.0	897.9	983.9	6.2	7.8	8.6
Anaheim—Santa Ana—Garden Grove	1,117.8	1,161.8	1,152.6	40.5	59.9	62.5	3.6	5.2	5.4
Bakersfield	182.5	191.7	191.6	13.7	19.6	20.2	7.5	10.2	10.5
Fresno	261.1	265.9	271.5	23.9	32.6	36.0	9.2	12.2	13.3
Los Angeles—Long Beach ³	3,565.0	3,546.0	3,547.0	217.0	241.0	263.0	6.1	6.8	7.4
Modesto	122.6	130.9	129.4	15.8	19.5	21.9	12.8	14.9	16.9
Oxnard—Simi Valley—Ventura	234.1	243.9	243.1	15.4	22.0	23.3	6.6	9.0	9.6
Riverside—San Bernardino—Ontario	584.0	607.4	609.2	39.5	56.6	60.1	6.8	9.3	9.9
Sacramento	472.2	491.0	491.9	33.4	46.1	52.7	7.1	9.4	10.7
Salinas—Seaside—Monterey	128.8	135.3	135.3	13.2	14.1	17.7	10.2	10.5	13.1
San Diego	767.4	789.0	784.7	42.7	58.9	62.2	5.6	7.5	7.9
San Francisco—Oakland	1,635.4	1,685.2	1,679.9	79.7	102.8	110.0	4.9	6.1	6.5
San Jose	758.4	785.4	778.8	36.3	51.4	52.9	4.8	6.5	6.8
Santa Barbara—Santa Maria—Lompoc	148.1	151.7	151.4	7.7	9.3	11.1	5.2	6.2	7.4
Santa Rosa	133.1	138.4	138.9	8.9	12.4	13.4	6.7	9.0	9.7
Stockton	157.7	163.9	164.4	17.2	23.1	26.3	10.9	14.1	16.0
Vallejo—Fairfield—Napa	127.7	135.9	134.9	8.5	12.3	13.4	6.7	9.1	9.9
COLORADO	1,480.0	1,525.7	1,519.4	84.0	80.3	81.2	5.7	5.3	5.3
Denver—Boulder	881.6	914.0	910.7	45.7	43.3	43.5	5.2	4.7	4.8
CONNECTICUT	1,627.1	1,607.0	1,625.0	94.0	101.9	106.6	5.8	6.3	6.6
Bridgeport	201.0	196.8	199.5	11.0	12.2	13.0	5.5	6.2	6.5
Hartford	394.9	389.2	393.6	21.3	23.4	24.8	5.4	6.0	6.3
New Britain	78.3	78.7	80.1	4.4	5.7	6.7	5.6	7.2	8.4
New Haven—West Haven	208.9	203.4	205.2	13.0	13.4	13.2	6.2	6.6	6.4
Stamford	122.3	121.6	123.4	4.9	4.7	4.9	4.0	3.9	4.0
Waterbury	109.4	108.2	109.2	8.0	8.2	8.5	7.3	7.6	7.8
DELAWARE	281.0	282.5	282.9	20.7	25.6	22.1	7.4	9.1	7.8
Wilmington ¹	251.7	252.0	251.3	17.7	23.2	18.6	7.0	9.2	7.4
DISTRICT OF COLUMBIA	316.9	293.2	294.3	21.0	24.7	25.3	6.6	8.4	8.6
Washington SMSA ¹	1,643.8	1,642.4	1,651.6	65.6	85.3	85.3	4.0	5.2	5.2
FLORIDA ²	3,980.0	4,164.5	4,134.8	199.0	314.3	300.9	5.0	7.5	7.3
Bradenton	58.4	60.2	60.2	2.6	3.9	4.1	4.4	6.5	6.9
Daytona Beach	94.6	98.9	98.0	4.9	7.3	7.2	5.2	7.4	7.3
Fort Lauderdale—Hollywood	427.8	438.8	434.3	16.0	26.9	25.5	3.7	6.1	5.9
Fort Myers—Cape Coral	79.8	83.9	83.4	3.7	5.5	5.7	4.6	6.5	6.9
Gainesville	68.0	74.0	72.5	2.5	3.5	3.1	3.6	4.8	4.3
Jacksonville	301.3	321.6	316.4	13.9	23.3	19.8	4.6	7.2	6.3
Lakeland—Winter Haven	129.0	134.0	132.8	9.1	18.4	17.2	7.0	13.7	12.9
Melbourne—Titusville—Cocoa	108.1	112.5	110.9	6.7	9.4	8.5	6.2	8.4	7.6
Miami	731.8	751.8	741.2	38.9	56.5	51.5	5.3	7.5	7.0
Orlando	321.4	337.0	336.3	15.8	24.9	22.5	4.9	7.4	6.7
Panama City	36.5	39.5	38.2	3.1	4.7	4.7	8.4	11.9	12.2
Pensacola	108.9	115.0	115.2	5.3	8.4	9.1	4.8	7.3	7.9
Sarasota	70.4	74.1	74.2	2.6	4.7	5.1	3.7	6.4	6.8
Tallahassee	77.0	80.7	79.2	2.4	4.0	3.5	3.1	4.9	4.4
Tampa—St. Petersburg	611.7	649.0	644.6	28.4	45.1	44.7	4.6	6.9	6.9
West Palm Beach—Boca Raton	242.5	251.8	251.8	11.4	18.0	16.2	4.7	7.2	6.4

See footnotes at end of table

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
GEORGIA	2,387.6	2,461.9	2,455.7	141.9	166.0	168.0	5.9	6.7	6.8
Albany.....	49.4	51.7	51.5	3.8	4.0	3.7	7.7	7.7	7.3
Atlanta.....	977.1	1,007.3	1,011.6	49.7	56.2	55.4	5.1	5.6	5.5
Augusta.....	124.3	127.1	127.2	8.5	8.8	8.5	6.8	6.9	6.7
Columbus ¹	81.9	83.9	85.7	5.7	7.9	9.8	7.0	9.4	11.4
Macon.....	98.0	101.1	101.1	5.7	6.7	6.7	5.9	6.6	6.7
Savannah.....	88.1	93.2	92.6	5.5	5.9	5.8	6.2	6.3	6.3
HAWAII	401.5	414.0	418.8	19.2	21.9	20.7	4.8	5.3	4.9
Honolulu.....	314.5	323.3	326.8	14.0	15.9	14.9	4.5	4.9	4.6
IDAHO	413.1	417.5	420.4	32.4	34.3	39.8	7.8	8.2	9.5
Boise City.....	89.7	86.9	88.3	5.7	5.9	6.2	6.3	6.7	7.0
ILLINOIS²	5,517.0	5,525.6	5,431.6	505.0	461.0	453.9	9.2	8.3	8.4
Bloomington—Normal.....	60.5	63.3	61.9	4.4	3.3	3.6	7.2	5.2	5.8
Champaign—Urbana—Rantoul.....	84.7	86.9	84.0	5.1	4.8	4.4	6.0	5.5	5.2
Chicago.....	3,475.1	3,468.2	3,415.0	296.8	274.8	268.6	8.5	7.9	7.9
Davenport—Rock Island—Moline ¹	185.6	190.9	192.7	14.1	19.4	22.5	7.6	10.2	11.7
Decatur.....	61.7	62.3	61.4	7.3	7.0	6.8	11.9	11.3	11.0
Kankakee.....	41.5	41.3	40.4	5.2	5.5	5.3	12.6	13.3	13.2
Peoria.....	173.9	172.1	171.5	16.6	13.9	13.6	9.5	8.1	7.9
Rockford.....	135.6	135.2	134.0	20.1	16.8	13.3	14.8	12.4	10.0
Springfield.....	97.3	99.2	97.4	7.1	6.3	6.3	7.3	6.4	6.4
INDIANA	2,599.2	2,648.0	2,668.4	235.9	287.2	331.9	9.1	10.8	12.4
Anderson.....	57.0	56.4	58.5	6.7	7.6	10.3	11.7	13.4	17.7
Elkhart.....	66.4	67.5	67.7	6.2	7.5	8.4	9.3	11.1	12.3
Evansville ¹	144.8	149.0	150.4	10.0	14.2	16.1	6.9	9.5	10.7
Fort Wayne.....	193.1	194.4	194.2	19.0	21.4	23.1	9.9	11.0	11.9
Gary—Hammond—East Chicago.....	293.4	295.5	299.2	30.4	37.8	43.8	10.3	12.8	14.6
Indianapolis.....	606.2	622.6	622.8	45.3	57.8	59.7	7.5	9.3	9.6
Lafayette—West Lafayette.....	63.4	65.5	65.2	3.6	4.9	5.2	5.6	7.5	8.0
Muncie.....	57.3	59.1	59.7	5.8	8.1	9.9	10.2	13.7	16.6
South Bend.....	137.0	136.8	140.0	12.8	12.5	15.8	9.3	9.1	11.3
Terre Haute.....	81.3	80.4	79.8	6.8	8.4	9.1	8.3	10.5	11.4
IOWA	1,399.4	1,439.9	1,443.7	80.3	102.6	128.1	5.7	7.1	8.9
Cedar Rapids.....	88.6	88.2	89.6	5.7	7.4	8.9	6.5	8.4	10.0
Des Moines.....	183.6	185.8	188.7	10.1	13.0	15.1	5.5	7.0	8.0
Dubuque.....	45.3	46.0	46.3	4.1	5.3	5.7	9.1	11.5	12.3
Sioux City ¹	53.6	54.6	55.1	3.3	4.0	4.8	6.1	7.3	8.8
Waterloo—Cedar Falls.....	68.9	69.3	71.0	4.0	5.9	7.0	5.8	8.5	9.8
KANSAS	1,190.2	1,215.2	1,209.7	52.3	54.0	52.4	4.4	4.4	4.3
Lawrence.....	36.0	36.3	36.2	1.7	1.7	1.5	4.8	4.8	4.2
Topeka.....	95.7	98.0	97.8	5.5	5.5	5.4	5.7	5.6	5.5
Wichita.....	228.5	236.2	235.3	8.8	10.7	10.1	3.9	4.5	4.3
KENTUCKY	1,609.0	1,650.9	1,627.1	121.8	155.1	168.9	7.6	9.4	10.4
Lexington—Fayette.....	173.8	179.0	177.9	7.1	9.0	10.5	4.1	5.1	5.9
Louisville ¹	426.7	442.3	436.1	31.9	53.8	59.4	7.5	12.2	13.6
Owensboro.....	42.5	43.0	42.9	2.9	3.4	4.0	6.9	7.8	9.4
LOUISIANA	1,747.1	1,781.4	1,770.7	118.3	150.1	151.8	6.8	8.4	8.6
Alexandria.....	68.6	69.5	68.7	6.5	6.7	6.7	9.5	9.7	9.7
Baton Rouge.....	223.2	228.7	227.5	15.5	22.1	22.5	7.0	9.7	9.9
Lafayette.....	81.8	88.6	89.1	2.8	3.7	4.2	3.4	4.1	4.7
Lake Charles.....	73.8	75.8	75.4	4.9	6.8	7.4	6.6	9.0	9.8
Monroe.....	54.4	52.6	52.1	4.4	5.3	5.3	8.1	10.1	10.1
New Orleans.....	479.9	479.3	475.0	29.2	39.4	36.7	6.1	8.2	7.7
Shreveport.....	155.6	154.9	154.4	10.8	11.7	11.7	6.9	7.6	7.6
MAINE	498.2	491.5	492.3	39.4	31.7	31.6	7.9	6.4	6.4
Lewiston—Auburn.....	39.8	36.8	37.0	3.7	2.2	3.4	9.3	5.9	6.6
Portland.....	92.1	92.3	92.7	5.5	4.5	4.2	6.0	4.8	4.6
MARYLAND	2,144.0	2,154.9	2,162.1	132.4	170.1	171.3	6.2	7.9	7.9
Baltimore.....	1,067.9	1,062.3	1,063.7	75.3	97.6	97.2	7.1	9.2	9.1

See footnotes at end of table

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
MASSACHUSETTS¹	2,954.0	3,061.7	3,045.0	129.0	194.7	211.3	4.4	6.4	6.9
Boston	1,442.7	1,516.2	1,501.7	53.2	84.1	86.5	3.7	5.5	5.8
Brockton	84.1	84.9	84.7	4.2	6.4	7.1	5.0	7.5	8.3
Fall River ¹	74.1	76.7	75.6	4.8	7.1	7.5	6.5	9.3	9.9
Lawrence—Haverhill ¹	143.8	147.2	146.6	6.8	10.2	10.4	4.7	6.9	7.1
Lowell	122.8	128.9	127.9	5.3	8.8	9.2	4.3	6.8	7.2
New Bedford	82.0	85.7	86.8	5.1	8.0	9.4	6.2	9.3	10.9
Springfield—Chicopee—Holyoke	278.8	286.8	287.1	13.1	18.3	21.7	4.7	6.4	7.6
Worcester	203.8	204.8	203.0	8.2	12.3	13.2	4.0	6.0	6.5
MICHIGAN²	4,296.0	4,403.8	4,351.3	533.0	521.0	627.1	12.4	11.8	14.4
Ann Arbor	147.5	149.7	146.4	12.5	16.3	16.9	8.5	10.9	11.5
Battle Creek	79.4	81.9	80.9	9.6	7.8	10.5	12.1	9.6	12.9
Bay City	53.2	54.2	54.4	7.3	5.9	7.6	13.6	10.9	13.9
Detroit	2,036.9	2,058.5	2,035.0	262.8	254.8	305.0	12.9	12.4	15.0
Flint	227.4	237.7	231.3	31.4	38.6	38.1	13.8	16.2	16.5
Grand Rapids	318.0	335.9	333.1	28.5	30.3	38.5	9.0	9.0	11.5
Jackson	65.9	67.3	67.6	8.2	7.2	9.8	12.4	10.7	14.5
Kalamazoo—Portage	135.8	139.5	138.0	12.9	11.3	14.5	9.5	8.1	10.5
Lansing—East Lansing	231.8	251.9	246.1	23.9	23.0	26.5	10.3	9.1	10.8
Muskegon—Norton Shores—Muskegon Heights	78.2	78.9	77.9	11.3	8.7	11.4	14.4	11.0	14.6
Saginaw	100.6	103.2	103.3	11.6	12.9	16.5	11.5	12.5	16.0
MINNESOTA	2,086.9	2,173.2	2,157.0	129.6	126.2	140.8	6.2	5.8	6.5
Duluth—Superior ¹	115.5	113.7	113.1	10.7	10.9	12.0	9.3	9.6	10.6
Minneapolis—St. Paul	1,126.8	1,194.0	1,194.4	53.8	58.5	60.5	4.8	4.9	5.1
Rochester	54.7	58.1	57.5	2.8	3.0	3.1	5.0	5.1	5.4
St. Cloud	73.8	75.4	74.5	6.2	6.2	6.7	8.4	8.2	8.9
MISSISSIPPI	1,015.0	1,020.3	1,022.9	75.5	92.4	95.3	7.4	9.1	9.3
Jackson	153.9	152.5	154.0	7.7	10.1	10.5	5.0	6.6	6.8
MISSOURI	2,272.2	2,288.7	2,279.3	154.5	160.4	177.1	6.8	7.0	7.8
Kansas City ¹	680.4	684.1	676.4	40.7	44.8	48.0	6.0	6.6	7.1
St. Joseph	46.1	43.5	43.4	3.4	3.7	3.9	7.4	8.6	9.1
St. Louis ¹	1,082.6	1,095.1	1,091.6	83.9	86.8	89.5	7.7	7.9	8.2
Springfield	104.0	107.0	105.3	6.1	5.8	6.3	5.8	5.4	6.0
MONTANA	364.8	381.6	384.9	22.6	25.7	27.8	6.2	6.7	7.2
Billings	57.3	59.2	59.6	2.6	2.5	2.7	4.5	4.2	4.5
Great Falls	33.9	35.9	36.4	2.5	2.2	2.4	7.3	6.2	6.5
NEBRASKA	765.3	789.3	786.0	34.4	33.7	36.9	4.5	4.3	4.7
Lincoln	111.4	114.4	114.7	4.5	4.8	4.9	4.1	4.2	4.3
Omaha ¹	279.7	288.6	289.6	15.8	16.8	17.3	5.7	5.8	6.0
NEVADA	381.3	406.7	411.1	26.7	30.8	33.5	7.0	7.6	8.1
Las Vegas	210.1	226.3	229.8	17.7	18.5	20.5	8.4	8.2	8.9
Reno	108.0	112.3	113.5	5.2	6.9	7.4	4.8	6.1	6.5
NEW HAMPSHIRE	468.2	468.2	471.4	23.4	23.4	25.5	5.0	5.0	5.4
Manchester	83.0	81.6	83.0	4.8	4.0	5.4	5.8	5.0	6.5
Nashua	79.1	80.2	79.9	3.9	3.9	3.8	4.9	4.9	4.8
NEW JERSEY²	3,585.0	3,559.3	3,515.6	268.0	249.4	257.8	7.5	7.0	7.3
Atlantic City	110.1	116.6	114.3	8.4	10.5	11.8	7.6	9.1	10.3
Jersey City	242.9	239.6	238.0	26.5	24.8	26.9	10.9	10.4	11.3
Long Branch—Asbury Park	231.0	239.5	235.9	16.9	16.8	16.7	7.3	7.0	7.1
New Brunswick—Perth Amboy—Sayreville	329.5	324.8	318.0	20.1	20.5	19.0	6.1	6.3	6.0
Newark	976.9	972.0	958.5	70.7	62.9	63.3	7.2	6.5	6.6
Paterson—Clifton—Passaic	209.6	208.6	207.8	18.2	16.0	17.4	8.7	7.7	8.4
Trenton	161.6	160.5	158.0	8.8	9.0	8.5	5.5	5.6	5.4
Vineland—Millville—Bridgeton	58.9	58.9	58.5	7.5	7.6	8.5	12.8	12.8	14.5
NEW MEXICO	537.9	564.1	561.0	40.8	39.0	36.7	7.6	6.9	6.5
Albuquerque	199.9	208.4	207.7	15.9	14.7	13.5	7.9	7.1	6.5

See footnotes at end of table

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
NEW YORK²	7,940.0	7,852.1	7,877.8	556.0	574.0	606.1	7.0	7.3	7.7
Albany—Schenectady—Troy	380.1	371.8	376.7	22.2	22.9	24.7	5.8	6.2	6.6
Binghamton ¹	141.9	143.2	143.2	9.4	9.5	9.2	6.7	6.6	6.4
Buffalo	575.9	564.1	569.1	49.8	54.1	59.7	8.6	9.6	10.5
Elmira	39.7	39.9	39.8	2.9	2.9	3.0	7.3	7.4	7.6
Nassau-Suffolk	1,326.1	1,305.7	1,315.7	73.3	73.0	71.3	5.5	5.6	5.4
New York	3,545.7	3,516.6	3,512.3	254.3	271.6	288.9	7.2	7.7	8.2
New York City ²	2,922.0	2,904.0	2,897.0	227.0	241.0	261.0	7.7	8.3	9.0
Poughkeepsie	108.9	109.9	110.8	6.2	5.9	6.0	5.7	5.4	5.4
Rochester	476.6	475.0	476.7	26.8	28.8	30.7	5.6	6.1	6.4
Syracuse	305.4	301.6	303.4	21.4	20.7	21.8	7.0	6.9	7.2
Utica—Rome	136.7	136.2	137.0	11.1	9.9	10.2	8.1	7.3	7.5
NORTH CAROLINA	2,732.6	2,793.1	2,793.2	176.0	173.0	189.7	6.4	6.2	6.8
Asheville	81.5	83.3	82.8	5.3	5.2	5.6	6.5	6.3	6.8
Charlotte—Gastonia	346.6	356.4	357.3	15.4	16.9	17.3	4.4	4.7	4.8
Greensboro—Winston-Salem—High Point	415.4	430.1	429.9	23.2	24.1	23.3	5.6	5.6	5.4
Raleigh—Durham	290.2	297.0	296.8	12.1	12.8	13.0	4.2	4.3	4.4
NORTH DAKOTA	291.0	302.8	301.6	15.3	13.2	15.7	5.3	4.4	5.2
Fargo—Moorhead ¹	70.4	71.9	72.5	4.0	3.3	3.5	5.7	4.5	4.8
OHIO²	5,004.0	5,151.4	5,104.9	430.0	562.0	601.2	8.6	10.9	11.8
Akron	298.4	303.0	300.9	26.6	32.5	33.6	8.9	10.7	11.2
Canton	181.7	186.9	187.1	16.4	19.8	21.6	9.0	10.6	11.5
Cincinnati ¹	671.4	697.5	691.6	49.0	68.0	69.0	7.3	9.8	10.0
Cleveland	927.2	945.5	937.3	69.6	87.9	92.6	7.5	9.3	9.9
Columbus	557.9	581.5	574.1	33.6	50.4	49.2	6.0	8.7	8.6
Dayton	384.2	396.6	394.5	27.5	36.7	38.9	7.2	9.3	9.9
Toledo ¹	364.2	371.5	369.0	36.3	42.2	46.6	10.0	11.4	12.6
Youngstown—Warren	230.8	235.1	232.3	29.9	29.4	37.1	13.0	12.5	15.9
OKLAHOMA	1,330.0	1,407.6	1,408.0	57.7	54.2	54.7	4.3	3.9	3.9
Oklahoma City	409.4	442.3	448.1	16.3	18.2	14.8	4.0	4.1	3.3
Tulsa	327.0	348.8	345.4	12.6	12.5	12.5	3.8	3.6	3.6
OREGON	1,248.2	1,317.1	1,323.3	107.9	141.9	154.5	8.6	10.8	11.7
Eugene—Springfield	130.9	139.2	139.5	13.1	17.7	17.9	10.0	12.7	12.8
Portland ¹	617.7	646.0	651.2	41.5	56.4	61.2	6.7	8.7	9.4
Salem	116.4	122.4	121.4	9.8	10.7	12.5	8.4	8.8	10.3
PENNSYLVANIA²	5,341.0	5,463.4	5,386.3	403.0	472.8	500.0	7.5	8.7	9.3
Allentown—Bethlehem—Easton ¹	302.3	311.7	308.6	21.7	27.0	30.4	7.2	8.7	9.9
Altoona	59.7	57.9	57.2	6.4	6.9	7.6	10.7	11.9	13.4
Erie	125.2	124.8	122.8	11.7	12.3	12.1	9.3	9.9	9.8
Harrisburg	217.9	234.2	231.2	11.8	13.6	14.2	5.4	5.8	6.1
Johnstown	108.0	106.5	104.0	13.4	14.3	15.3	12.4	13.4	14.7
Lancaster	176.1	186.1	182.5	9.3	11.3	11.9	5.3	6.1	6.5
Northeast Pennsylvania	288.2	288.6	286.9	30.6	29.4	34.0	10.6	10.2	11.9
Philadelphia ¹	2,144.2	2,154.2	2,126.5	134.1	167.8	172.7	6.3	7.8	8.1
Pittsburgh	1,010.4	1,040.0	1,023.7	70.5	81.1	83.5	7.0	7.8	8.2
Reading	156.2	164.6	162.7	10.5	12.7	13.3	6.7	7.7	8.2
Williamsport	52.0	53.3	52.7	5.5	5.8	6.0	10.6	10.9	11.3
York	174.7	182.1	178.3	12.4	14.0	14.3	7.1	7.7	8.0
RHODE ISLAND	463.6	469.9	471.7	29.6	30.8	36.9	6.4	6.6	7.8
Providence—Warwick—Pawtucket ¹	461.1	467.5	468.9	28.6	30.7	36.8	6.2	6.6	7.8
SOUTH CAROLINA	1,299.9	1,337.7	1,331.3	91.0	122.7	131.4	7.0	9.2	9.9
Charleston—North Charleston	156.4	164.3	162.6	10.2	14.2	13.3	6.5	8.7	8.2
Columbia	175.5	178.4	177.3	8.4	11.9	11.6	4.8	6.7	6.5
Greenville—Spartanburg	262.2	268.1	270.3	15.4	22.1	26.0	5.9	8.2	9.6
SOUTH DAKOTA	325.5	336.9	334.9	16.9	16.2	15.8	5.2	4.8	4.7
Rapid City	40.0	N.A.	41.0	2.4	N.A.	2.3	6.1	N.A.	5.5
Sioux Falls	63.3	N.A.	66.1	3.0	N.A.	3.0	4.8	N.A.	4.6
TENNESSEE	2,004.5	2,082.6	2,055.7	147.1	199.9	214.7	7.3	9.6	10.4
Chattanooga ¹	188.7	191.6	190.1	13.3	17.0	16.9	7.0	8.9	8.9
Knoxville	214.5	221.2	218.8	12.7	18.3	17.6	5.9	8.3	8.0
Memphis ¹	390.2	405.2	402.2	25.2	36.9	37.8	6.5	9.1	9.4
Nashville—Davidson	409.6	419.9	417.9	22.6	28.2	33.0	5.5	6.7	7.9

See footnotes at end of table

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force			Unemployment					
				Number			Percent of labor force		
	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P	DEC. 1980	NOV. 1981	DEC. 1981P
TEXAS ¹	6,458.0	6,766.6	6,689.3	308.0	373.0	301.8	4.8	5.5	4.5
Amarillo	86.1	90.4	90.4	3.5	4.0	3.9	4.1	4.5	4.3
Austin	254.5	268.3	265.2	8.5	10.9	8.9	3.4	4.1	3.3
Beaumont—Port Arthur—Orange	168.0	169.2	165.8	10.2	11.4	8.8	6.0	6.7	5.3
Corpus Christi	139.6	148.5	145.5	7.7	9.2	7.5	5.5	6.2	5.1
Dallas—Fort Worth	1,547.8	1,627.5	1,610.3	62.5	79.5	62.4	4.0	4.9	3.9
El Paso	173.3	179.6	175.8	15.1	15.8	12.4	8.7	8.8	7.1
Galveston—Texas City	83.2	88.0	86.1	5.3	6.3	5.3	6.4	7.1	6.2
Houston	1,488.8	1,586.3	1,573.1	53.8	72.3	60.0	3.6	4.6	3.8
Lubbock	100.8	102.8	102.4	3.8	5.2	3.7	3.8	5.1	3.6
San Antonio	426.5	442.4	434.7	24.9	30.2	22.8	5.8	6.8	5.2
Waco	80.7	83.0	82.0	3.8	4.0	3.2	4.8	4.9	3.9
Wichita Falls	60.7	65.5	63.2	1.9	4.5	2.4	3.1	6.9	3.7
UTAH	613.2	630.1	634.2	39.6	43.3	46.6	6.5	6.9	7.3
Salt Lake City—Ogden	405.2	N.A.	N.A.	25.5	N.A.	N.A.	6.3	N.A.	N.A.
VERMONT	248.9	256.7	256.7	15.5	14.0	15.4	6.2	5.4	6.0
VIRGINIA	2,541.0	2,575.2	2,592.8	127.4	155.4	173.1	5.0	6.0	6.7
Lynchburg	76.8	78.0	80.3	3.5	4.6	6.7	4.6	5.9	8.4
Newport News—Hampton	168.9	173.4	174.1	8.8	10.7	11.4	5.2	6.2	6.5
Norfolk—Virginia Beach—Portsmouth ¹	328.3	340.0	343.1	18.7	22.3	23.0	5.7	6.6	6.7
Petersburg—Colonial Heights—Hopewell	61.1	59.7	60.5	3.8	4.2	4.9	6.2	7.1	8.1
Richmond	333.9	337.8	338.9	11.4	16.0	15.2	3.4	4.7	4.5
Roanoke	111.8	110.9	112.3	5.0	6.8	7.9	4.5	6.1	7.1
WASHINGTON	1,901.1	1,916.2	1,928.1	153.3	193.7	214.3	8.1	10.1	11.1
Seattle—Everett	852.2	844.1	851.3	53.1	71.8	76.3	6.2	8.5	9.0
Spokane	145.9	145.6	148.2	12.0	14.7	16.2	8.2	10.1	10.9
Tacoma	171.6	173.6	174.6	13.6	17.6	18.8	8.0	10.1	10.8
WEST VIRGINIA	773.7	774.7	773.0	75.9	75.5	81.5	9.8	9.7	10.5
Charleston	129.0	126.1	125.9	10.3	9.4	9.6	8.0	7.5	7.6
Huntington—Ashland ¹	125.6	127.2	126.4	12.7	12.9	13.2	10.1	10.1	10.4
Parkersburg—Marietta ¹	72.6	72.5	71.4	7.4	7.5	7.3	10.2	10.3	10.3
Wheeling ¹	81.5	82.8	82.8	7.3	8.6	9.2	9.0	10.4	11.1
WISCONSIN	2,394.9	2,434.0	2,427.5	168.9	195.8	220.6	7.1	8.0	9.1
Appleton—Oshkosh	150.0	151.7	151.2	11.5	11.3	13.1	7.6	7.5	8.7
Eau Claire	58.3	59.9	60.0	3.8	4.4	5.3	6.6	7.4	8.9
Green Bay	89.4	92.3	91.9	6.2	7.5	7.9	7.0	8.1	8.6
Janesville—Beloit	70.2	73.0	73.0	4.9	11.8	11.7	6.9	16.1	16.1
Kenosha	59.6	58.4	57.8	5.2	4.6	5.3	8.8	7.9	9.1
La Crosse	49.7	51.6	51.9	3.2	3.9	4.3	6.5	7.5	8.3
Madison	185.2	189.7	188.9	8.6	10.2	11.5	4.6	5.4	6.1
Milwaukee	736.1	741.5	740.0	47.0	55.8	60.0	6.4	7.5	8.1
Racine	87.6	87.1	86.6	7.5	7.5	8.5	8.6	8.6	9.8
WYOMING	239.3	248.4	246.4	9.8	10.5	10.2	4.1	4.2	4.1

¹ Includes interstate portion of area located in adjacent State.

² Data are obtained directly from the Current Population Survey. (See "Explanatory Notes" for State and Area Unemployment Data in Employment and Earnings, monthly.)

becomes available. Data refer to place of residence.

p = preliminary.

N.A. = not available.

NOTE: Estimates for 1980 have been benchmarked to 1980 Current Population Survey annual averages. Except in the 10 States and 2 areas designated by footnote 2, estimates for 1981 are provisional and will be revised when new benchmark information

SOURCE: Current Population Survey and Cooperating State Employment Security Agencies listed on inside back cover.

Revised

Seasonally Adjusted

Labor Force Series

HOUSEHOLD DATA
SEASONALLY ADJUSTED

Revised Seasonally Adjusted Labor Force Series

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
TOTAL LABOR FORCE												
1970.....	85,367	85,492	85,816	85,998	85,711	85,663	86,055	86,014	86,063	86,355	86,587	86,683
1971.....	86,826	86,553	86,505	86,828	86,985	86,522	87,137	87,448	87,480	87,589	88,154	88,283
1972.....	88,572	88,576	89,115	89,077	89,228	89,399	89,531	89,913	89,797	89,906	90,023	90,383
1973.....	89,891	90,756	91,207	91,368	91,311	91,863	91,915	91,816	92,129	92,420	92,999	93,172
1974.....	93,457	93,743	93,704	93,530	93,826	94,079	94,432	94,279	94,705	94,731	94,978	94,992
1975.....	95,321	94,974	95,363	95,594	96,065	95,753	96,207	96,347	96,372	96,431	96,405	96,566
1976.....	97,074	97,144	97,362	97,890	97,989	98,022	98,723	98,888	98,698	98,851	99,403	99,494
1977.....	99,341	99,922	100,253	100,462	100,793	101,222	101,048	101,503	101,584	101,949	102,708	102,620
1978.....	102,983	102,930	103,198	103,678	104,045	104,429	104,538	104,673	104,938	105,215	105,666	105,951
1979.....	106,130	106,515	106,614	106,196	106,315	106,673	107,121	107,241	107,693	107,817	107,917	108,455
1980.....	108,574	108,634	108,411	108,574	109,110	108,901	109,320	109,273	109,353	109,558	109,719	109,655
1981.....	110,048	110,155	110,492	110,906	111,420	110,565	110,827	110,978	110,659	111,170	111,430	111,348
CIVILIAN LABOR FORCE												
1970.....	81,981	82,151	82,498	82,727	82,483	82,484	82,901	82,880	82,954	83,276	83,548	83,670
1971.....	83,850	83,603	83,575	83,946	84,135	83,706	84,340	84,673	84,731	84,872	85,458	85,625
1972.....	85,978	86,036	86,611	86,614	86,809	87,006	87,143	87,517	87,392	87,491	87,592	87,943
1973.....	87,487	88,364	88,846	89,018	88,977	89,548	89,604	89,509	89,838	90,131	90,716	90,890
1974.....	91,199	91,485	91,453	91,287	91,596	91,868	92,212	92,059	92,488	92,518	92,766	92,780
1975.....	93,128	92,776	93,165	93,399	93,884	93,575	94,021	94,162	94,202	94,267	94,250	94,409
1976.....	94,934	94,998	95,215	95,746	95,847	95,885	96,583	96,741	96,553	96,704	97,254	97,348
1977.....	97,208	97,785	98,115	98,330	98,665	99,093	98,913	99,366	99,453	99,815	100,576	100,491
1978.....	100,862	100,806	101,076	101,560	101,932	102,331	102,422	102,551	102,815	103,093	103,549	103,843
1979.....	104,036	104,421	104,524	104,114	104,237	104,597	105,039	105,151	105,601	105,724	105,825	106,366
1980.....	106,493	106,548	106,321	106,482	107,022	106,809	107,221	107,159	107,232	107,437	107,600	107,531
1981.....	107,923	108,034	108,364	108,777	109,293	108,434	108,688	108,818	108,494	109,012	109,272	109,184
CIVILIAN LABOR FORCE - MALES												
1970.....	50,778	50,935	51,087	51,145	51,201	51,121	51,243	51,220	51,411	51,413	51,630	51,817
1971.....	51,755	51,653	51,634	51,996	52,163	51,920	52,338	52,426	52,370	52,396	52,676	52,756
1972.....	52,885	53,003	53,306	53,287	53,379	53,582	53,603	53,836	53,785	53,783	53,858	54,051
1973.....	53,785	54,153	54,493	54,435	54,344	54,586	54,743	54,590	54,709	54,927	55,175	55,368
1974.....	55,736	55,739	55,590	55,432	55,612	55,659	55,576	55,685	55,893	55,985	56,107	56,039
1975.....	56,042	55,949	56,059	56,165	56,441	56,199	56,482	56,473	56,526	56,427	56,461	56,380
1976.....	56,620	56,631	56,702	57,082	57,072	56,970	57,304	57,390	57,391	57,498	57,683	57,740
1977.....	57,637	57,918	57,928	58,016	58,200	58,448	58,374	58,560	58,383	58,846	59,091	59,125
1978.....	59,189	59,133	59,179	59,319	59,467	59,624	59,601	59,711	59,686	59,891	60,182	60,308
1979.....	60,519	60,629	60,521	60,414	60,417	60,615	60,806	60,726	61,049	60,955	60,984	61,199
1980.....	61,249	61,371	61,243	61,247	61,621	61,432	61,602	61,480	61,604	61,698	61,749	61,669
1981.....	61,779	61,750	61,906	62,092	62,364	61,694	61,811	61,936	61,977	62,064	62,184	62,303
CIVILIAN LABOR FORCE - FEMALES												
1970.....	31,203	31,216	31,411	31,582	31,282	31,363	31,658	31,660	31,543	31,863	31,918	31,853
1971.....	32,095	31,950	31,941	31,950	31,972	31,786	32,002	32,247	32,361	32,476	32,782	32,869
1972.....	33,093	33,033	33,305	33,327	33,430	33,424	33,540	33,681	33,607	33,708	33,734	33,892
1973.....	33,702	34,211	34,353	34,583	34,633	34,962	34,861	34,919	35,129	35,204	35,541	35,522
1974.....	35,463	35,746	35,863	35,855	35,984	36,209	36,636	36,374	36,595	36,533	36,659	36,741
1975.....	37,086	36,827	37,106	37,234	37,443	37,376	37,539	37,689	37,676	37,840	37,789	38,029
1976.....	38,314	38,367	38,513	38,664	38,775	38,915	39,279	39,351	39,162	39,206	39,571	39,608
1977.....	39,571	39,867	40,187	40,314	40,465	40,645	40,539	40,806	41,070	40,969	41,485	41,366
1978.....	41,673	41,673	41,897	42,241	42,465	42,707	42,821	42,840	43,129	43,202	43,367	43,535
1979.....	43,517	43,792	44,003	43,700	43,820	43,982	44,233	44,425	44,552	44,769	44,841	45,167
1980.....	45,244	45,177	45,078	45,235	45,401	45,377	45,619	45,679	45,628	45,739	45,851	45,862
1981.....	46,144	46,284	46,458	46,685	46,929	46,740	46,877	46,882	46,517	46,948	47,088	46,881
CIVILIAN LABOR FORCE - BOTH SEXES 16-19 YEARS												
1970.....	7,185	7,202	7,231	7,197	7,181	7,112	7,187	7,255	7,370	7,347	7,369	7,349
1971.....	7,413	7,410	7,346	7,424	7,407	7,130	7,597	7,607	7,452	7,523	7,661	7,702
1972.....	7,856	7,921	8,005	7,999	7,971	8,037	8,012	8,232	8,046	8,100	8,182	8,244
1973.....	7,950	8,300	8,426	8,466	8,403	8,630	8,462	8,457	8,638	8,732	8,803	8,796
1974.....	8,846	8,873	8,858	8,683	8,779	8,940	8,894	8,726	9,045	9,014	8,963	8,869
1975.....	8,943	8,825	8,837	8,767	8,956	8,823	8,887	8,861	8,912	8,835	8,791	8,891
1976.....	8,967	8,981	9,007	9,151	9,155	8,943	9,204	9,168	8,968	9,054	9,055	9,011
1977.....	9,025	9,198	9,257	9,289	9,279	9,525	9,377	9,550	9,340	9,441	9,551	9,406
1978.....	9,478	9,449	9,447	9,528	9,683	9,734	9,763	9,881	9,705	9,732	9,704	9,720
1979.....	9,745	9,752	9,738	9,657	9,579	9,630	9,618	9,429	9,638	9,582	9,601	9,715
1980.....	9,578	9,487	9,475	9,271	9,502	9,410	9,503	9,212	9,320	9,323	9,248	9,210
1981.....	9,287	9,244	9,184	9,288	9,206	8,759	8,834	8,902	8,888	8,826	8,826	8,631
CIVILIAN LABOR FORCE - MALES 16-19 YEARS												
1970.....	3,936	3,974	4,037	3,972	3,982	3,943	3,992	3,970	4,046	4,015	4,067	4,159
1971.....	4,128	4,129	4,059	4,158	4,153	3,980	4,259	4,225	4,138	4,235	4,301	4,298
1972.....	4,343	4,410	4,451	4,405	4,423	4,454	4,399	4,617	4,513	4,519	4,538	4,562
1973.....	4,396	4,576	4,681	4,667	4,605	4,714	4,725	4,662	4,758	4,829	4,851	4,838
1974.....	4,874	4,873	4,869	4,783	4,837	4,913	4,860	4,778	4,937	4,897	4,894	4,854
1975.....	4,829	4,808	4,807	4,774	4,834	4,818	4,821	4,781	4,815	4,773	4,761	4,768
1976.....	4,867	4,869	4,854	4,883	4,911	4,793	4,932	4,927	4,831	4,898	4,881	4,914
1977.....	4,853	4,944	4,958	5,007	5,073	5,135	5,079	5,095	5,026	5,121	5,191	5,124
1978.....	5,123	5,093	5,080	5,087	5,100	5,181	5,180	5,245	5,163	5,214	5,160	5,148
1979.....	5,182	5,155	5,150	5,117	5,082	5,113	5,124	5,029	5,169	5,042	5,074	5,147
1980.....	5,066	5,044	5,089	4,981	5,067	5,040	5,061	4,881	4,937	4,986	4,939	4,881
1981.....	4,976	4,934	4,878	4,935	4,885	4,600	4,639	4,686	4,715	4,709	4,725	4,638

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - FEMALES 16-19 YEARS												
1970.....	3,249	3,228	3,194	3,225	3,199	3,169	3,195	3,285	3,324	3,332	3,302	3,190
1971.....	3,285	3,281	3,287	3,266	3,254	3,150	3,338	3,382	3,314	3,288	3,360	3,404
1972.....	3,513	3,511	3,554	3,594	3,548	3,583	3,613	3,615	3,533	3,581	3,644	3,682
1973.....	3,554	3,724	3,745	3,799	3,798	3,916	3,737	3,795	3,880	3,903	3,952	3,958
1974.....	3,972	4,000	3,989	3,900	3,942	4,027	4,034	3,948	4,108	4,117	4,069	4,015
1975.....	4,114	4,017	4,030	3,993	4,122	4,005	4,066	4,080	4,097	4,062	4,030	4,123
1976.....	4,100	4,112	4,153	4,168	4,244	4,150	4,272	4,241	4,137	4,156	4,174	4,097
1977.....	4,172	4,254	4,299	4,282	4,206	4,390	4,298	4,455	4,314	4,320	4,360	4,282
1978.....	4,355	4,356	4,367	4,441	4,583	4,553	4,583	4,636	4,542	4,518	4,544	4,572
1979.....	4,563	4,597	4,588	4,540	4,497	4,517	4,494	4,400	4,469	4,540	4,527	4,568
1980.....	4,512	4,443	4,386	4,290	4,435	4,370	4,442	4,331	4,383	4,337	4,309	4,329
1981.....	4,311	4,310	4,306	4,353	4,321	4,159	4,195	4,216	4,173	4,117	4,101	3,993
CIVILIAN LABOR FORCE - BOTH SEXES 20 YEARS AND OVER												
1970.....	74,996	74,949	75,267	75,530	75,302	75,372	75,714	75,625	75,584	75,929	76,179	76,321
1971.....	76,437	76,193	76,229	76,522	76,728	76,576	76,743	77,066	77,279	77,349	77,797	77,923
1972.....	78,122	78,115	78,606	78,615	78,838	78,969	79,131	79,285	79,346	79,391	79,410	79,699
1973.....	79,537	80,064	80,420	80,552	80,574	80,918	81,142	81,052	81,200	81,399	81,913	82,094
1974.....	82,353	82,612	82,595	82,604	82,817	82,928	83,318	83,333	83,443	83,504	83,803	83,911
1975.....	84,185	83,951	84,328	84,632	84,928	84,752	85,134	85,301	85,290	85,432	85,459	85,518
1976.....	85,967	86,017	86,208	86,595	86,692	86,942	87,379	87,573	87,585	87,650	88,199	88,337
1977.....	88,183	88,587	88,858	89,041	89,386	89,568	89,536	89,816	90,113	90,374	91,025	91,085
1978.....	91,384	91,357	91,629	92,032	92,249	92,597	92,659	92,670	93,110	93,361	93,845	94,123
1979.....	94,291	94,669	94,786	94,457	94,658	94,967	95,421	95,722	95,963	96,142	96,224	96,651
1980.....	96,915	97,061	96,846	97,211	97,520	97,399	97,718	97,947	98,912	98,114	98,352	98,321
1981.....	98,636	98,790	99,180	99,489	100,087	99,675	99,854	99,916	99,606	100,186	100,446	100,553
CIVILIAN LABOR FORCE - MALES 20 YEARS AND OVER												
1970.....	46,842	46,961	47,050	47,173	47,219	47,178	47,251	47,250	47,365	47,398	47,563	47,658
1971.....	47,627	47,524	47,575	47,838	48,010	47,940	48,079	48,201	48,232	48,161	48,375	48,458
1972.....	48,542	48,593	48,855	48,882	48,956	49,128	49,204	49,219	49,272	49,264	49,320	49,489
1973.....	49,389	49,577	49,812	49,768	49,739	49,872	50,018	49,928	49,951	50,098	50,324	50,530
1974.....	50,862	50,866	50,721	50,649	50,775	50,746	50,716	50,907	50,956	51,088	51,213	51,185
1975.....	51,213	51,141	51,252	51,391	51,607	51,381	51,661	51,692	51,711	51,654	51,700	51,612
1976.....	51,753	51,762	51,848	52,099	52,161	52,177	52,372	52,463	52,560	52,600	52,802	52,826
1977.....	52,784	52,974	52,970	53,009	53,127	53,133	53,295	53,465	53,557	53,725	53,900	54,001
1978.....	54,066	54,040	54,099	54,232	54,367	54,443	54,421	54,466	54,523	54,677	55,022	55,160
1979.....	55,337	55,474	55,371	55,297	55,335	55,502	55,682	55,697	55,880	55,913	55,910	56,052
1980.....	56,183	56,327	56,154	56,266	56,554	56,392	56,541	56,599	56,667	56,712	56,810	56,788
1981.....	56,803	56,816	57,028	57,157	57,479	57,094	57,172	57,250	57,262	57,355	57,459	57,665
CIVILIAN LABOR FORCE - FEMALES 20 YEARS AND OVER												
1970.....	27,954	27,988	28,217	28,357	28,083	28,194	28,463	28,375	28,219	28,531	28,616	28,663
1971.....	28,810	28,669	28,654	28,684	28,718	28,636	28,664	28,865	29,047	29,188	29,422	29,465
1972.....	29,580	29,522	29,751	29,733	29,882	29,841	29,927	30,066	30,074	30,127	30,090	30,210
1973.....	30,148	30,487	30,608	30,784	30,835	31,046	31,124	31,124	31,249	31,301	31,589	31,564
1974.....	31,491	31,746	31,874	31,955	32,042	32,182	32,602	32,426	32,487	32,416	32,590	32,726
1975.....	32,972	32,810	33,076	33,241	33,321	33,371	33,473	33,609	33,579	33,778	33,788	33,906
1976.....	34,214	34,255	34,360	34,496	34,531	34,765	35,007	35,110	35,025	35,050	35,397	35,511
1977.....	35,399	35,613	35,888	36,032	36,259	36,255	36,241	36,351	36,756	36,849	37,125	37,084
1978.....	37,318	37,317	37,530	37,800	37,882	38,154	38,238	38,204	38,587	38,684	38,823	38,963
1979.....	38,954	39,195	39,415	39,160	39,323	39,465	39,739	40,025	40,083	40,229	40,344	40,559
1980.....	40,732	40,734	40,692	40,945	40,966	41,007	41,177	41,348	41,245	41,402	41,542	41,533
1981.....	41,833	41,974	42,152	42,332	42,608	42,581	42,682	42,666	42,344	42,831	42,987	42,888
CIVILIAN LABOR FORCE - BOTH SEXES 20-24 YEARS												
1970.....	10,256	10,326	10,333	10,408	10,467	10,451	10,638	10,682	10,845	10,871	10,932	11,019
1971.....	11,009	10,970	11,031	11,189	11,273	11,176	11,393	11,500	11,537	11,540	11,579	11,730
1972.....	11,768	11,813	11,902	11,950	12,021	12,096	12,167	12,227	12,274	12,388	12,384	12,472
1973.....	12,489	12,618	12,743	12,776	12,755	12,838	12,876	12,810	12,922	13,002	13,078	13,178
1974.....	13,059	13,175	13,156	13,168	13,254	13,215	13,292	13,349	13,490	13,506	13,587	13,623
1975.....	13,613	13,597	13,639	13,701	13,823	13,659	13,832	13,858	13,892	13,831	13,747	13,893
1976.....	13,951	14,010	14,048	14,249	14,269	14,260	14,406	14,328	14,305	14,424	14,552	14,577
1977.....	14,573	14,690	14,700	14,631	14,660	14,869	14,823	14,936	14,971	14,938	14,978	15,042
1978.....	15,143	15,066	15,137	15,278	15,245	15,445	15,403	15,468	15,496	15,522	15,521	15,609
1979.....	15,614	15,745	15,776	15,721	15,666	15,766	15,796	15,798	15,896	15,797	15,793	15,876
1980.....	15,875	15,858	15,812	15,872	16,016	15,875	15,948	15,950	15,948	16,044	16,040	15,976
1981.....	16,094	16,053	16,062	16,117	16,225	16,036	16,111	16,143	16,058	16,132	16,058	16,103
CIVILIAN LABOR FORCE - MALES 20-24 YEARS												
1970.....	5,455	5,518	5,526	5,584	5,634	5,633	5,750	5,789	5,907	5,896	5,965	6,020
1971.....	6,008	5,985	6,040	6,156	6,211	6,176	6,251	6,351	6,329	6,378	6,386	6,506
1972.....	6,528	6,574	6,667	6,670	6,639	6,767	6,801	6,797	6,860	6,923	6,919	6,994
1973.....	6,979	7,034	7,122	7,145	7,129	7,165	7,190	7,157	7,188	7,282	7,334	7,431
1974.....	7,374	7,349	7,289	7,306	7,375	7,359	7,322	7,355	7,482	7,510	7,539	7,489
1975.....	7,483	7,485	7,511	7,544	7,601	7,504	7,614	7,629	7,681	7,623	7,567	7,616
1976.....	7,648	7,726	7,713	7,839	7,854	7,822	7,903	7,860	7,907	7,982	8,041	8,084
1977.....	8,055	8,081	8,058	8,006	7,967	8,106	8,124	8,209	8,142	8,159	8,154	8,182
1978.....	8,216	8,175	8,242	8,281	8,265	8,344	8,303	8,384	8,341	8,390	8,452	8,438
1979.....	8,486	8,517	8,465	8,530	8,433	8,535	8,552	8,533	8,632	8,612	8,548	8,598
1980.....	8,613	8,625	8,616	8,613	8,713	8,590	8,591	8,605	8,616	8,651	8,625	8,580
1981.....	8,634	8,612	8,653	8,643	8,737	8,589	8,651	8,682	8,654	8,643	8,618	8,658

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - FEMALES 20-24 YEARS												
1970.....	4,801	4,808	4,807	4,824	4,833	4,818	4,888	4,893	4,938	4,975	4,967	4,999
1971.....	5,001	4,985	4,991	5,033	5,062	5,000	5,142	5,149	5,208	5,162	5,193	5,224
1972.....	5,240	5,239	5,235	5,280	5,382	5,329	5,366	5,430	5,414	5,465	5,465	5,478
1973.....	5,510	5,584	5,621	5,631	5,626	5,673	5,686	5,653	5,734	5,720	5,744	5,747
1974.....	5,685	5,826	5,867	5,862	5,879	5,856	5,970	5,994	6,008	5,996	6,048	6,134
1975.....	6,130	6,112	6,128	6,157	6,222	6,155	6,218	6,229	6,211	6,208	6,180	6,277
1976.....	6,303	6,284	6,335	6,410	6,415	6,438	6,503	6,468	6,398	6,442	6,511	6,493
1977.....	6,518	6,609	6,642	6,625	6,693	6,763	6,699	6,727	6,829	6,779	6,824	6,860
1978.....	6,927	6,891	6,895	6,997	6,980	7,101	7,100	7,084	7,155	7,132	7,069	7,171
1979.....	7,128	7,228	7,311	7,191	7,233	7,231	7,244	7,265	7,264	7,185	7,245	7,278
1980.....	7,262	7,233	7,196	7,259	7,303	7,285	7,357	7,345	7,332	7,393	7,415	7,396
1981.....	7,460	7,441	7,409	7,474	7,488	7,447	7,460	7,461	7,404	7,489	7,440	7,445
CIVILIAN LABOR FORCE - BOTH SEXES 25 YEARS AND OVER												
1970.....	64,538	64,631	64,923	65,097	64,798	64,947	65,055	64,989	64,748	65,086	65,243	65,292
1971.....	65,429	65,222	65,186	65,309	65,434	65,382	65,315	65,584	65,768	65,877	66,197	66,182
1972.....	66,377	66,311	66,699	66,643	66,809	66,853	66,921	67,047	67,133	67,088	66,996	67,230
1973.....	67,075	67,447	67,666	67,759	67,824	68,051	68,224	68,198	68,353	68,481	68,787	68,903
1974.....	69,317	69,438	69,419	69,410	69,568	69,702	70,033	69,931	70,051	70,109	70,150	70,253
1975.....	70,549	70,310	70,623	70,902	71,108	71,159	71,395	71,405	71,540	71,752	71,625	71,569
1976.....	71,983	71,962	72,106	72,327	72,410	72,739	73,055	73,191	73,404	73,356	73,549	73,701
1977.....	73,586	73,866	74,129	74,401	74,697	74,752	74,787	74,811	75,216	75,534	75,952	75,998
1978.....	76,229	76,271	76,480	76,760	76,970	77,202	77,300	77,137	77,666	77,913	78,239	78,471
1979.....	78,674	78,914	79,024	78,747	78,955	79,264	79,656	79,884	80,105	80,395	80,338	80,739
1980.....	81,039	81,191	81,058	81,353	81,429	81,618	81,819	81,996	82,004	82,098	82,208	82,274
1981.....	82,535	82,733	83,150	83,393	83,793	83,728	83,788	83,781	83,568	84,056	84,293	84,362
CIVILIAN LABOR FORCE - MALES 25 YEARS AND OVER												
1970.....	41,367	41,441	41,521	41,577	41,572	41,544	41,505	41,490	41,454	41,547	41,600	41,630
1971.....	41,596	41,527	41,533	41,668	41,788	41,744	41,822	41,868	41,918	41,861	41,979	41,947
1972.....	41,997	42,016	42,193	42,200	42,305	42,348	42,385	42,420	42,452	42,429	42,387	42,507
1973.....	42,388	42,532	42,683	42,609	42,603	42,699	42,803	42,746	42,826	42,892	42,970	43,108
1974.....	43,462	43,505	43,417	43,322	43,383	43,397	43,390	43,540	43,561	43,672	43,642	43,690
1975.....	43,674	43,605	43,685	43,828	43,958	43,934	44,086	44,088	44,171	44,157	44,082	43,976
1976.....	44,053	43,988	44,095	44,243	44,254	44,406	44,488	44,619	44,780	44,708	44,707	44,718
1977.....	44,698	44,855	44,898	44,993	45,096	45,246	45,187	45,262	45,295	45,626	45,691	45,793
1978.....	45,834	45,834	45,863	45,946	46,041	46,135	46,124	46,095	46,234	46,329	46,518	46,686
1979.....	46,843	46,941	46,928	46,770	46,846	47,011	47,136	47,188	47,279	47,332	47,302	47,412
1980.....	47,568	47,691	47,578	47,667	47,747	47,866	47,979	48,042	48,076	48,084	48,114	48,129
1981.....	48,164	48,203	48,418	48,537	48,654	48,573	48,545	48,605	48,615	48,716	48,774	48,908
CIVILIAN LABOR FORCE - FEMALES 25 YEARS AND OVER												
1970.....	23,171	23,190	23,402	23,520	23,226	23,403	23,550	23,499	23,294	23,539	23,643	23,662
1971.....	23,833	23,695	23,653	23,641	23,646	23,638	23,493	23,716	23,850	24,016	24,218	24,235
1972.....	24,380	24,295	24,506	24,443	24,504	24,505	24,536	24,627	24,681	24,659	24,609	24,723
1973.....	24,687	24,915	24,983	25,150	25,221	25,352	25,421	25,452	25,527	25,589	25,817	25,795
1974.....	25,855	25,933	26,002	26,088	26,185	26,305	26,643	26,391	26,490	26,437	26,508	26,563
1975.....	26,875	26,705	26,938	27,074	27,150	27,225	27,309	27,317	27,369	27,595	27,543	27,593
1976.....	27,930	27,974	28,011	28,084	28,156	28,333	28,567	28,572	28,624	28,648	28,842	28,983
1977.....	28,888	29,011	29,231	29,408	29,601	29,506	29,600	29,549	29,921	29,908	30,261	30,205
1978.....	30,395	30,437	30,617	30,814	30,929	31,067	31,176	31,042	31,432	31,584	31,721	31,785
1979.....	31,831	31,973	32,096	31,977	32,109	32,253	32,520	32,696	32,826	33,063	33,036	33,327
1980.....	33,471	33,500	33,480	33,686	33,682	33,752	33,840	33,954	33,928	34,014	34,094	34,145
1981.....	34,371	34,530	34,732	34,856	35,139	35,155	35,243	35,176	34,953	35,340	35,519	35,454
CIVILIAN LABOR FORCE - BOTH SEXES 25-54 YEARS												
1970.....	50,122	50,139	50,322	50,466	50,272	50,464	50,583	50,510	50,326	50,593	50,738	50,746
1971.....	50,771	50,802	50,691	50,721	50,861	50,912	50,912	51,086	51,259	51,355	51,530	51,588
1972.....	51,737	51,852	52,131	52,092	52,249	52,318	52,418	52,509	52,529	52,544	52,564	52,832
1973.....	52,859	53,208	53,364	53,528	53,611	53,835	53,975	53,959	54,114	54,323	54,530	54,701
1974.....	55,053	55,128	55,109	55,096	55,327	55,514	55,795	55,691	55,803	55,962	56,084	56,110
1975.....	56,256	56,022	56,318	56,527	56,689	56,864	56,961	57,200	57,241	57,523	57,375	57,378
1976.....	57,637	57,710	57,865	58,122	58,194	58,471	58,707	58,837	58,958	59,006	59,150	59,341
1977.....	59,261	59,494	59,776	59,929	60,114	60,316	60,339	60,462	60,636	60,848	61,189	61,291
1978.....	61,524	61,609	61,823	61,962	62,157	62,255	62,440	62,429	62,852	63,104	63,259	63,496
1979.....	63,597	63,819	63,965	63,810	63,958	64,249	64,683	64,897	65,063	65,254	65,276	65,696
1980.....	65,946	66,025	66,069	66,283	66,392	66,511	66,748	66,874	67,028	67,093	67,257	67,333
1981.....	67,613	67,708	68,039	68,248	68,669	68,599	68,716	68,833	68,686	69,084	69,404	69,371
CIVILIAN LABOR FORCE - MALES 25-54 YEARS												
1970.....	32,052	32,078	32,162	32,196	32,208	32,275	32,255	32,238	32,236	32,321	32,377	32,345
1971.....	32,314	32,349	32,321	32,393	32,455	32,508	32,571	32,586	32,675	32,690	32,745	32,753
1972.....	32,758	32,860	32,967	33,011	33,106	33,169	33,234	33,240	33,241	33,240	33,292	33,375
1973.....	33,430	33,537	33,648	33,664	33,696	33,743	33,872	33,851	33,899	34,000	34,037	34,165
1974.....	34,453	34,405	34,389	34,269	34,427	34,466	34,464	34,524	34,546	34,672	34,724	34,717
1975.....	34,657	34,574	34,718	34,796	34,977	35,031	35,104	35,175	35,222	35,318	35,262	35,179
1976.....	35,193	35,212	35,305	35,429	35,470	35,540	35,677	35,703	35,822	35,836	35,867	35,876
1977.....	35,828	35,959	36,018	36,097	36,159	36,290	36,252	36,341	36,346	36,546	36,632	36,720
1978.....	36,827	36,809	36,858	36,873	36,986	36,953	37,028	37,032	37,179	37,192	37,366	37,498
1979.....	37,610	37,726	37,782	37,667	37,746	37,875	37,994	38,010	38,081	38,149	38,185	38,295
1980.....	38,416	38,432	38,439	38,497	38,629	38,685	38,842	38,852	39,022	38,979	39,066	39,014
1981.....	39,092	39,080	39,294	39,379	39,561	39,513	39,497	39,632	39,692	39,752	39,886	39,854

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - FEMALES 25-54 YEARS												
1970.....	18,070	18,061	18,160	18,270	18,064	18,189	18,328	18,272	18,090	18,272	18,361	18,401
1971.....	18,457	18,453	18,370	18,328	18,406	18,404	18,341	18,500	18,584	18,665	18,785	18,835
1972.....	18,979	18,992	19,164	19,081	19,143	19,149	19,184	19,269	19,288	19,304	19,272	19,457
1973.....	19,429	19,671	19,716	19,864	19,915	20,092	20,103	20,108	20,215	20,323	20,493	20,536
1974.....	20,600	20,723	20,720	20,827	20,900	21,048	21,331	21,167	21,257	21,290	21,360	21,393
1975.....	21,599	21,448	21,600	21,731	21,712	21,833	21,857	22,025	22,019	22,205	22,113	22,199
1976.....	22,444	22,498	22,560	22,693	22,724	22,931	23,030	23,134	23,136	23,170	23,283	23,465
1977.....	23,433	23,535	23,758	23,832	23,955	24,026	24,087	24,121	24,290	24,302	24,557	24,571
1978.....	24,697	24,800	24,965	25,089	25,171	25,302	25,412	25,397	25,673	25,912	25,893	25,998
1979.....	25,987	26,093	26,183	26,143	26,212	26,374	26,689	26,887	26,982	27,105	27,091	27,401
1980.....	27,530	27,593	27,630	27,786	27,763	27,826	27,906	28,022	28,006	28,114	28,191	28,319
1981.....	28,521	28,628	28,745	28,869	29,108	29,086	29,219	28,994	28,994	29,332	29,518	29,517
CIVILIAN LABOR FORCE - WHITE WORKERS												
1970.....	72,817	73,035	73,325	73,481	73,300	73,220	73,645	73,648	73,740	74,130	74,283	74,341
1971.....	74,577	74,281	74,206	74,542	74,735	74,410	74,832	75,205	75,246	75,402	75,941	76,112
1972.....	76,468	76,394	76,863	76,933	77,060	77,197	77,351	77,758	77,687	77,788	77,692	77,950
1973.....	77,696	78,328	78,571	78,746	78,768	79,161	79,198	79,145	79,510	79,790	80,221	80,237
1974.....	80,459	80,768	80,806	80,706	80,965	81,258	81,518	81,391	81,815	81,827	82,018	82,013
1975.....	82,290	81,990	82,338	82,543	82,992	82,756	83,129	83,157	83,185	83,308	83,141	83,296
1976.....	83,676	83,763	83,893	84,315	84,491	84,643	85,187	85,298	85,197	85,373	85,610	85,726
1977.....	85,575	86,134	86,408	86,633	86,901	87,291	87,060	87,358	87,517	87,920	88,377	88,188
1978.....	88,449	88,448	88,541	89,079	89,325	89,789	89,765	89,885	90,074	90,423	90,699	91,000
1979.....	91,237	91,514	91,519	91,205	91,291	91,616	91,936	92,033	92,462	92,553	92,695	93,137
1980.....	93,283	93,370	93,179	93,376	93,711	93,564	93,736	93,807	94,000	94,098	93,949	93,949
1981.....	94,332	94,552	94,756	95,199	95,666	94,887	95,126	95,163	94,884	95,365	95,535	95,329
CIVILIAN LABOR FORCE - WHITE WORKERS 16-19 YEARS												
1970.....	6,351	6,375	6,420	6,376	6,406	6,255	6,395	6,465	6,594	6,547	6,548	6,554
1971.....	6,646	6,617	6,532	6,629	6,631	6,397	6,753	6,814	6,688	6,714	6,863	6,891
1972.....	7,068	7,073	7,117	7,170	7,115	7,173	7,125	7,324	7,227	7,253	7,297	7,362
1973.....	7,144	7,386	7,516	7,555	7,469	7,668	7,494	7,505	7,688	7,814	7,851	7,837
1974.....	7,855	7,895	7,866	7,779	7,800	7,970	7,875	7,778	8,067	8,003	7,988	7,921
1975.....	7,998	7,840	7,886	7,803	7,931	7,867	7,952	7,947	7,940	7,866	7,846	7,914
1976.....	7,977	7,998	8,005	8,155	8,131	8,048	8,251	8,223	8,022	8,106	8,085	8,058
1977.....	8,087	8,278	8,330	8,366	8,331	8,496	8,326	8,490	8,303	8,410	8,485	8,323
1978.....	8,411	8,384	8,376	8,463	8,567	8,633	8,570	8,812	8,606	8,649	8,590	8,596
1979.....	8,664	8,606	8,641	8,535	8,468	8,548	8,522	8,359	8,543	8,504	8,560	8,642
1980.....	8,525	8,411	8,427	8,270	8,412	8,354	8,401	8,180	8,190	8,267	8,188	8,140
1981.....	8,180	8,230	8,145	8,207	8,149	7,764	7,816	7,908	7,878	7,812	7,822	7,648
CIVILIAN LABOR FORCE - WHITE MALES 16-19 YEARS												
1970.....	3,474	3,494	3,546	3,489	3,550	3,476	3,556	3,526	3,601	3,572	3,631	3,687
1971.....	3,688	3,660	3,595	3,702	3,711	3,560	3,787	3,756	3,707	3,768	3,839	3,851
1972.....	3,932	3,922	3,951	3,929	3,917	3,947	3,904	4,083	4,043	4,040	4,034	4,047
1973.....	3,951	4,073	4,173	4,145	4,064	4,215	4,189	4,130	4,242	4,300	4,309	4,287
1974.....	4,305	4,308	4,293	4,259	4,297	4,387	4,289	4,246	4,387	4,324	4,330	4,318
1975.....	4,326	4,283	4,289	4,240	4,294	4,311	4,335	4,307	4,311	4,261	4,257	4,260
1976.....	4,337	4,327	4,313	4,300	4,354	4,313	4,405	4,453	4,297	4,363	4,342	4,363
1977.....	4,337	4,430	4,449	4,502	4,540	4,589	4,474	4,513	4,455	4,557	4,596	4,519
1978.....	4,534	4,502	4,498	4,488	4,520	4,625	4,537	4,726	4,585	4,639	4,570	4,561
1979.....	4,611	4,536	4,556	4,521	4,487	4,547	4,542	4,452	4,575	4,477	4,539	4,611
1980.....	4,520	4,494	4,543	4,431	4,484	4,470	4,474	4,365	4,309	4,384	4,338	4,290
1981.....	4,357	4,377	4,324	4,332	4,299	4,081	4,098	4,160	4,173	4,193	4,197	4,105
CIVILIAN LABOR FORCE - WHITE FEMALES 16-19 YEARS												
1970.....	2,877	2,881	2,874	2,887	2,856	2,779	2,839	2,939	2,993	2,975	2,917	2,867
1971.....	2,958	2,957	2,937	2,927	2,920	2,837	2,966	3,058	2,981	2,946	3,024	3,040
1972.....	3,136	3,151	3,166	3,241	3,198	3,226	3,221	3,241	3,184	3,213	3,263	3,315
1973.....	3,193	3,313	3,343	3,410	3,405	3,453	3,305	3,375	3,446	3,514	3,542	3,546
1974.....	3,550	3,587	3,573	3,520	3,503	3,583	3,586	3,532	3,680	3,679	3,658	3,603
1975.....	3,672	3,557	3,597	3,563	3,637	3,556	3,617	3,640	3,629	3,605	3,589	3,654
1976.....	3,640	3,671	3,692	3,725	3,777	3,735	3,846	3,770	3,725	3,743	3,743	3,695
1977.....	3,750	3,848	3,881	3,864	3,791	3,907	3,852	3,977	3,848	3,853	3,889	3,804
1978.....	3,877	3,882	3,878	3,975	4,047	4,008	4,033	4,086	4,021	4,010	4,020	4,035
1979.....	4,053	4,070	4,085	4,014	3,981	4,001	3,980	3,907	3,968	4,027	4,021	4,031
1980.....	4,005	3,917	3,884	3,839	3,928	3,884	3,927	3,815	3,881	3,883	3,850	3,850
1981.....	3,823	3,853	3,821	3,875	3,850	3,683	3,718	3,748	3,705	3,619	3,625	3,543
CIVILIAN LABOR FORCE - WHITE WORKERS 20 YEARS AND OVER												
1970.....	66,466	66,660	66,905	67,105	66,894	66,965	67,250	67,183	67,146	67,583	67,735	67,787
1971.....	67,931	67,664	67,674	67,913	68,104	68,013	68,079	68,391	68,558	68,688	69,078	69,221
1972.....	69,400	69,321	69,746	69,763	69,945	70,024	70,226	70,434	70,460	70,535	70,395	70,588
1973.....	70,552	70,942	71,055	71,191	71,299	71,693	71,704	71,640	71,822	71,976	72,370	72,404
1974.....	72,604	72,873	72,940	72,927	73,165	73,288	73,643	73,613	73,748	73,824	74,030	74,092
1975.....	74,292	74,150	74,452	74,740	75,061	74,889	75,177	75,210	75,245	75,442	75,295	75,382
1976.....	75,699	75,765	75,888	76,160	76,360	76,595	76,936	77,075	77,175	77,267	77,525	77,668
1977.....	77,488	77,856	78,078	78,267	78,570	78,795	78,734	78,868	79,214	79,510	79,892	79,865
1978.....	80,038	80,064	80,165	80,616	80,758	81,156	81,195	81,073	81,468	81,774	82,109	82,404
1979.....	82,573	82,908	82,878	82,670	82,823	83,068	83,414	83,674	83,919	84,049	84,135	84,495
1980.....	84,758	84,959	84,752	85,106	85,299	85,210	85,335	85,490	85,617	85,733	85,910	85,809
1981.....	86,152	86,322	86,611	86,992	87,517	87,123	87,310	87,255	87,006	87,553	87,713	87,681

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - WHITE MALES 20 YEARS AND OVER												
1970.....	42,126	42,284	42,355	42,473	42,489	42,460	42,475	42,492	42,602	42,724	42,801	42,811
1971.....	42,802	42,760	42,761	43,006	43,204	43,144	43,265	43,387	43,375	43,393	43,506	43,578
1972.....	43,718	43,711	43,921	43,951	44,012	44,177	44,232	44,275	44,347	44,404	44,337	44,434
1973.....	44,389	44,531	44,619	44,557	44,563	44,737	44,783	44,735	44,781	44,895	45,018	45,170
1974.....	45,394	45,438	45,340	45,289	45,445	45,455	45,424	45,596	45,692	45,826	45,824	45,765
1975.....	45,712	45,710	45,823	45,956	46,192	46,057	46,205	46,194	46,244	46,236	46,143	46,071
1976.....	46,174	46,216	46,316	46,478	46,563	46,640	46,778	46,845	46,978	46,983	47,069	47,071
1977.....	46,973	47,155	47,144	47,233	47,335	47,547	47,500	47,652	47,642	47,915	47,997	48,057
1978.....	48,017	48,052	48,064	48,205	48,283	48,439	48,382	48,437	48,398	48,537	48,811	48,933
1979.....	49,129	49,259	49,124	49,092	49,088	49,249	49,346	49,387	49,484	49,537	49,577	49,648
1980.....	49,802	49,962	49,824	49,951	50,201	50,033	50,088	50,141	50,216	50,273	50,340	50,255
1981.....	50,300	50,344	50,505	50,718	50,920	50,633	50,698	50,701	50,712	50,811	50,881	50,948
CIVILIAN LABOR FORCE - WHITE FEMALES 20 YEARS AND OVER												
1970.....	24,340	24,376	24,550	24,632	24,405	24,505	24,775	24,691	24,544	24,859	24,934	24,976
1971.....	25,129	24,904	24,913	24,907	24,900	24,869	24,814	25,004	25,183	25,295	25,572	25,643
1972.....	25,682	25,610	25,825	25,812	25,933	25,847	25,994	26,159	26,113	26,131	26,058	26,154
1973.....	26,163	26,411	26,436	26,634	26,736	26,956	26,921	26,905	27,041	27,081	27,352	27,234
1974.....	27,210	27,435	27,600	27,638	27,720	27,833	28,219	28,017	28,056	27,998	28,206	28,327
1975.....	28,580	28,440	28,629	28,784	28,869	28,832	28,972	29,016	29,001	29,206	29,152	29,311
1976.....	29,525	29,549	29,572	29,682	29,797	29,955	30,158	30,230	30,197	30,284	30,456	30,597
1977.....	30,515	30,701	30,934	31,034	31,235	31,248	31,234	31,216	31,572	31,595	31,895	31,808
1978.....	32,021	32,012	32,101	32,411	32,475	32,717	32,813	32,636	33,070	33,237	33,298	33,471
1979.....	33,444	33,649	33,754	33,578	33,735	33,819	34,068	34,287	34,435	34,512	34,558	34,847
1980.....	34,956	34,997	34,928	35,155	35,098	35,177	35,247	35,349	35,401	35,460	35,570	35,554
1981.....	35,852	35,978	36,106	36,274	36,597	36,490	36,612	36,554	36,294	36,742	36,832	36,733
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS												
1970.....	9,207	9,116	9,155	9,188	9,218	9,274	9,221	9,238	9,243	9,215	9,275	9,285
1971.....	9,321	9,318	9,342	9,331	9,417	9,275	9,470	9,470	9,538	9,573	9,526	9,450
1972.....	9,562	9,639	9,689	9,621	9,752	9,809	9,763	9,801	9,784	9,828	9,910	9,924
1973.....	9,808	10,026	10,247	10,226	10,183	10,220	10,386	10,354	10,402	10,441	10,480	10,572
1974.....	10,680	10,647	10,602	10,527	10,607	10,655	10,646	10,667	10,755	10,802	10,732	10,735
1975.....	10,771	10,774	10,792	10,797	10,884	10,917	10,924	11,049	11,140	11,105	11,096	11,087
1976.....	11,165	11,237	11,290	11,378	11,325	11,326	11,366	11,465	11,420	11,442	11,619	11,616
1977.....	11,575	11,672	11,681	11,664	11,734	11,906	11,809	11,977	11,940	11,977	12,156	12,314
1978.....	12,348	12,377	12,508	12,478	12,573	12,647	12,647	12,658	12,728	12,740	12,825	12,832
1979.....	12,779	12,920	12,993	12,946	12,915	13,032	13,078	13,080	13,128	13,225	13,127	13,210
1980.....	13,203	13,212	13,111	13,156	13,313	13,284	13,496	13,435	13,444	13,488	13,500	13,479
1981.....	13,528	13,476	13,586	13,633	13,649	13,565	13,539	13,632	13,617	13,697	13,757	13,773
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS 16-19 YEARS												
1970.....	854	830	802	821	804	836	756	779	799	804	820	798
1971.....	778	781	804	796	789	706	816	773	794	809	795	815
1972.....	831	847	859	842	849	863	863	915	846	848	887	888
1973.....	845	912	899	942	909	960	947	931	973	919	938	951
1974.....	1,005	951	974	921	944	980	982	951	999	1,014	960	953
1975.....	965	1,001	952	980	980	973	949	950	986	983	947	974
1976.....	994	978	998	1,002	972	889	930	993	946	959	980	959
1977.....	946	933	932	924	901	1,031	1,017	1,088	1,025	1,042	1,065	1,077
1978.....	1,060	1,076	1,079	1,065	1,078	1,113	1,174	1,112	1,079	1,093	1,121	1,122
1979.....	1,097	1,146	1,106	1,133	1,083	1,074	1,069	1,073	1,071	1,087	1,062	1,077
1980.....	1,077	1,101	1,047	1,004	1,080	1,066	1,109	1,023	1,107	1,066	1,061	1,052
1981.....	1,108	1,018	1,037	1,078	1,061	1,005	993	989	981	1,028	1,015	996
CIVILIAN LABOR FORCE - BLACK AND OTHER MALES 16-19 YEARS												
1970.....	479	476	475	474	452	472	423	434	451	446	438	459
1971.....	457	457	453	449	451	415	462	454	445	470	463	445
1972.....	456	487	489	478	499	519	494	536	485	481	511	520
1973.....	483	508	508	531	518	510	525	509	529	528	531	536
1974.....	581	541	562	522	515	544	548	541	562	574	554	531
1975.....	527	546	518	532	515	532	496	504	509	515	497	501
1976.....	534	529	535	541	529	487	499	528	527	540	540	550
1977.....	518	519	515	487	512	558	572	624	556	566	590	599
1978.....	584	598	591	583	566	580	622	573	558	577	599	592
1979.....	576	606	606	580	585	574	553	598	572	564	547	537
1980.....	561	560	549	539	580	581	597	540	609	601	598	579
1981.....	612	561	556	586	590	539	538	554	522	515	533	538
CIVILIAN LABOR FORCE - BLACK AND OTHER FEMALES 16-19 YEARS												
1970.....	375	354	327	347	352	364	333	345	348	358	382	339
1971.....	321	324	351	347	338	291	354	319	349	339	332	370
1972.....	375	360	370	364	350	344	369	379	361	367	376	368
1973.....	362	404	391	411	391	450	422	422	444	391	407	415
1974.....	424	410	412	399	429	436	434	410	437	440	406	422
1975.....	438	455	434	448	465	441	453	446	477	468	450	473
1976.....	460	449	463	461	443	402	431	465	419	419	440	409
1977.....	428	414	417	437	389	473	445	464	469	476	475	478
1978.....	476	478	488	482	512	533	552	539	521	516	522	530
1979.....	521	540	500	553	498	500	516	475	499	523	515	540
1980.....	516	541	498	465	500	485	512	483	498	465	463	473
1981.....	496	457	481	492	471	466	455	435	459	513	482	458

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1970.....	8,353	8,286	8,353	8,367	8,414	8,438	8,465	8,459	8,444	8,411	8,455	8,487
1971.....	8,543	8,537	8,538	8,535	8,628	8,569	8,654	8,697	8,744	8,764	8,731	8,635
1972.....	8,731	8,792	8,830	8,779	8,903	8,946	8,900	8,886	8,938	8,980	9,023	9,036
1973.....	8,963	9,114	9,348	9,284	9,274	9,260	9,439	9,423	9,429	9,522	9,542	9,621
1974.....	9,675	9,696	9,628	9,606	9,663	9,675	9,664	9,716	9,756	9,788	9,772	9,782
1975.....	9,806	9,773	9,840	9,817	9,904	9,944	9,975	10,099	10,154	10,122	10,149	10,113
1976.....	10,171	10,259	10,292	10,376	10,353	10,437	10,436	10,472	10,474	10,483	10,639	10,657
1977.....	10,629	10,739	10,749	10,740	10,833	10,875	10,792	10,889	10,915	10,935	11,091	11,237
1978.....	11,288	11,301	11,429	11,413	11,495	11,534	11,473	11,546	11,649	11,647	11,704	11,710
1979.....	11,682	11,774	11,887	11,813	11,832	11,958	12,009	12,007	12,057	12,138	12,065	12,133
1980.....	12,126	12,111	12,064	12,152	12,233	12,218	12,387	12,412	12,337	12,422	12,439	12,427
1981.....	12,420	12,458	12,549	12,555	12,588	12,560	12,546	12,643	12,636	12,669	12,742	12,777
CIVILIAN LABOR FORCE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1970.....	4,723	4,685	4,676	4,668	4,724	4,736	4,787	4,779	4,771	4,750	4,765	4,797
1971.....	4,821	4,772	4,788	4,796	4,791	4,811	4,826	4,837	4,878	4,877	4,869	4,821
1972.....	4,787	4,885	4,908	4,892	4,931	4,975	4,980	4,972	4,968	4,981	4,978	4,999
1973.....	4,930	5,035	5,168	5,169	5,168	5,181	5,237	5,211	5,218	5,296	5,294	5,319
1974.....	5,370	5,395	5,356	5,315	5,332	5,356	5,306	5,339	5,325	5,354	5,375	5,377
1975.....	5,394	5,376	5,375	5,372	5,423	5,423	5,493	5,544	5,577	5,512	5,543	5,512
1976.....	5,477	5,506	5,491	5,574	5,613	5,644	5,623	5,646	5,646	5,655	5,714	5,747
1977.....	5,739	5,794	5,794	5,751	5,802	5,862	5,804	5,821	5,728	5,818	5,878	5,949
1978.....	5,991	5,989	6,017	6,031	6,082	6,084	6,055	6,038	6,109	6,137	6,194	6,214
1979.....	6,179	6,230	6,241	6,233	6,234	6,307	6,346	6,320	6,375	6,376	6,324	6,369
1980.....	6,344	6,372	6,318	6,360	6,341	6,391	6,469	6,466	6,453	6,457	6,479	6,465
1981.....	6,457	6,477	6,517	6,498	6,547	6,479	6,484	6,556	6,551	6,573	6,595	6,614
CIVILIAN LABOR FORCE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1970.....	3,630	3,601	3,677	3,699	3,690	3,702	3,678	3,680	3,673	3,661	3,690	3,690
1971.....	3,722	3,765	3,750	3,739	3,837	3,758	3,828	3,860	3,866	3,887	3,862	3,814
1972.....	3,944	3,907	3,922	3,887	3,972	3,971	3,920	3,914	3,970	3,999	4,045	4,037
1973.....	4,033	4,079	4,180	4,115	4,106	4,079	4,202	4,212	4,211	4,226	4,248	4,302
1974.....	4,305	4,301	4,272	4,291	4,331	4,319	4,358	4,377	4,431	4,434	4,397	4,405
1975.....	4,412	4,397	4,465	4,445	4,481	4,521	4,482	4,555	4,577	4,610	4,606	4,601
1976.....	4,694	4,753	4,801	4,802	4,740	4,793	4,813	4,826	4,828	4,828	4,925	4,910
1977.....	4,890	4,945	4,955	4,989	5,031	5,013	4,988	5,068	5,187	5,117	5,213	5,288
1978.....	5,297	5,312	5,412	5,382	5,413	5,450	5,418	5,508	5,540	5,510	5,510	5,496
1979.....	5,503	5,544	5,646	5,580	5,598	5,651	5,687	5,687	5,682	5,762	5,741	5,764
1980.....	5,782	5,739	5,746	5,792	5,892	5,827	5,918	5,946	5,884	5,965	5,960	5,962
1981.....	5,963	5,981	6,032	6,057	6,041	6,081	6,062	6,087	6,085	6,096	6,147	6,163
CIVILIAN LABOR FORCE BLACK WORKERS												
1972.....	8,545	8,579	8,630	8,623	8,710	8,800	8,704	8,743	8,747	8,729	8,813	8,819
1973.....	8,694	9,000	9,008	8,939	8,866	8,908	9,076	9,027	9,048	9,095	9,115	9,125
1974.....	9,211	9,146	9,080	9,088	9,168	9,143	9,162	9,132	9,253	9,290	9,203	9,170
1975.....	9,201	9,151	9,214	9,173	9,245	9,275	9,233	9,317	9,375	9,316	9,324	9,345
1976.....	9,421	9,457	9,488	9,641	9,507	9,525	9,528	9,641	9,548	9,562	9,717	9,707
1977.....	9,690	9,797	9,790	9,782	9,840	9,966	9,867	10,049	10,000	10,016	10,121	10,284
1978.....	10,278	10,294	10,338	10,341	10,409	10,462	10,448	10,434	10,495	10,515	10,562	10,565
1979.....	10,514	10,649	10,644	10,601	10,588	10,669	10,716	10,707	10,724	10,814	10,718	10,768
1980.....	10,789	10,775	10,687	10,745	10,872	10,823	10,976	10,940	10,921	10,964	10,976	10,968
1981.....	10,998	10,951	11,036	11,126	11,126	11,033	10,971	11,069	11,134	11,188	11,207	11,226
CIVILIAN LABOR FORCE - BLACK WORKERS 16-19 YEARS												
1972.....	765	762	765	775	781	811	784	828	781	788	798	813
1973.....	745	928	893	855	818	852	848	819	882	852	851	847
1974.....	874	830	850	807	852	869	867	814	875	893	841	833
1975.....	839	853	839	860	852	850	817	790	837	838	819	849
1976.....	856	837	862	910	860	787	815	873	821	819	834	813
1977.....	802	791	784	787	782	899	875	941	901	906	928	934
1978.....	914	915	919	904	920	943	981	929	915	923	949	950
1979.....	920	967	935	958	918	899	892	893	883	908	884	896
1980.....	896	903	876	835	909	904	929	841	926	890	888	895
1981.....	938	865	877	908	898	834	810	813	843	871	850	842
CIVILIAN LABOR FORCE - BLACK MALES 16-19 YEARS												
1972.....	414	434	426	449	470	484	454	486	442	441	457	468
1973.....	418	563	534	479	460	436	460	445	481	493	477	470
1974.....	496	468	493	458	470	474	480	458	497	506	485	474
1975.....	459	462	451	468	455	478	444	414	432	436	424	428
1976.....	458	439	445	504	466	420	441	471	463	463	452	464
1977.....	429	433	432	410	445	485	507	542	486	499	523	524
1978.....	501	506	498	490	483	481	523	470	472	480	503	492
1979.....	485	516	515	490	498	476	462	493	467	468	450	441
1980.....	462	456	457	453	486	488	498	441	510	500	503	493
1981.....	519	477	456	496	490	443	438	447	447	433	444	452

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - BLACK FEMALES 16-19 YEARS												
1972.....	351	328	339	326	311	327	330	342	339	347	341	345
1973.....	327	365	359	376	358	416	388	374	401	359	374	377
1974.....	378	362	357	349	382	395	387	356	378	387	356	359
1975.....	380	391	388	392	397	372	373	376	405	402	395	421
1976.....	398	398	417	406	394	367	374	402	358	356	382	349
1977.....	373	358	352	377	337	414	368	399	415	407	405	410
1978.....	413	409	421	414	437	462	458	459	443	443	446	458
1979.....	435	451	420	468	420	423	430	400	416	440	434	455
1980.....	434	447	419	382	423	416	431	400	416	390	385	402
1981.....	419	388	421	412	408	391	372	366	396	438	406	390
CIVILIAN LABOR FORCE - BLACK WORKERS 20 YEARS AND OVER												
1972.....	7,780	7,817	7,865	7,848	7,929	7,989	7,920	7,915	7,966	7,941	8,015	8,006
1973.....	7,949	8,072	8,115	8,084	8,048	8,056	8,228	8,208	8,166	8,243	8,264	8,278
1974.....	8,337	8,316	8,230	8,281	8,316	8,274	8,295	8,318	8,378	8,397	8,362	8,337
1975.....	8,362	8,298	8,375	8,313	8,393	8,425	8,416	8,527	8,538	8,478	8,505	8,496
1976.....	8,565	8,620	8,626	8,731	8,647	8,738	8,713	8,768	8,727	8,743	8,883	8,894
1977.....	8,888	9,006	9,006	8,995	9,058	9,067	8,992	9,108	9,099	9,110	9,193	9,350
1978.....	9,364	9,379	9,419	9,437	9,489	9,519	9,467	9,505	9,580	9,592	9,613	9,615
1979.....	9,594	9,682	9,709	9,643	9,670	9,770	9,824	9,814	9,841	9,906	9,834	9,872
1980.....	9,893	9,872	9,811	9,910	9,963	9,919	10,047	10,099	9,995	10,074	10,088	10,073
1981.....	10,060	10,086	10,159	10,218	10,228	10,199	10,161	10,256	10,291	10,317	10,357	10,384
CIVILIAN LABOR FORCE - BLACK MALES 20 YEARS AND OVER												
1972.....	4,260	4,306	4,333	4,342	4,362	4,406	4,394	4,394	4,403	4,379	4,380	4,384
1973.....	4,350	4,413	4,462	4,441	4,437	4,458	4,495	4,478	4,459	4,517	4,520	4,533
1974.....	4,593	4,581	4,547	4,539	4,537	4,539	4,487	4,521	4,522	4,557	4,554	4,534
1975.....	4,563	4,503	4,522	4,494	4,542	4,547	4,587	4,649	4,661	4,592	4,604	4,585
1976.....	4,566	4,583	4,546	4,639	4,619	4,663	4,649	4,679	4,667	4,664	4,733	4,738
1977.....	4,755	4,788	4,790	4,763	4,759	4,812	4,762	4,801	4,746	4,791	4,822	4,858
1978.....	4,914	4,892	4,914	4,930	4,940	4,933	4,919	4,890	4,946	4,977	5,020	5,021
1979.....	4,995	5,020	5,028	5,013	5,031	5,094	5,121	5,117	5,143	5,149	5,104	5,122
1980.....	5,119	5,110	5,065	5,119	5,109	5,120	5,175	5,199	5,166	5,158	5,167	5,141
1981.....	5,143	5,147	5,190	5,208	5,271	5,201	5,182	5,237	5,272	5,276	5,279	5,309
CIVILIAN LABOR FORCE - BLACK FEMALES 20 YEARS AND OVER												
1972.....	3,520	3,511	3,532	3,506	3,567	3,583	3,526	3,521	3,563	3,562	3,635	3,622
1973.....	3,599	3,659	3,653	3,643	3,611	3,598	3,733	3,730	3,707	3,726	3,744	3,745
1974.....	3,744	3,735	3,683	3,742	3,779	3,735	3,808	3,797	3,856	3,840	3,808	3,803
1975.....	3,799	3,795	3,853	3,819	3,851	3,878	3,829	3,878	3,877	3,886	3,901	3,911
1976.....	3,999	4,037	4,080	4,092	4,028	4,075	4,064	4,089	4,060	4,079	4,150	4,156
1977.....	4,133	4,218	4,216	4,232	4,299	4,255	4,230	4,307	4,353	4,319	4,371	4,492
1978.....	4,450	4,487	4,505	4,507	4,549	4,586	4,548	4,615	4,634	4,615	4,593	4,594
1979.....	4,599	4,662	4,681	4,630	4,639	4,676	4,703	4,697	4,698	4,757	4,730	4,750
1980.....	4,774	4,762	4,746	4,791	4,854	4,799	4,872	4,900	4,829	4,916	4,921	4,932
1981.....	4,917	4,939	4,969	5,010	4,957	4,998	4,979	5,019	5,019	5,041	5,078	5,075
CIVILIAN LABOR FORCE - FULL-TIME WORKERS												
1970.....	70,509	70,626	70,648	70,789	70,941	70,713	71,075	71,041	71,489	71,613	71,797	71,963
1971.....	71,822	71,939	71,533	71,979	72,357	71,387	72,177	72,450	72,725	72,713	73,255	73,413
1972.....	73,530	73,505	73,934	74,004	74,273	74,804	74,693	74,841	74,756	75,013	74,826	75,149
1973.....	75,253	75,678	75,929	75,980	76,089	76,811	76,855	76,677	76,670	76,939	77,365	77,438
1974.....	77,900	78,145	78,059	78,203	78,357	78,467	78,688	78,877	79,195	79,293	79,308	79,320
1975.....	79,647	79,401	79,597	79,853	80,416	79,683	79,898	80,231	80,640	80,704	80,622	80,876
1976.....	80,999	81,116	81,458	81,750	81,904	81,689	82,275	82,349	82,177	82,541	83,001	83,265
1977.....	83,055	83,326	83,412	83,623	84,020	84,651	84,510	84,839	84,694	84,955	85,490	85,518
1978.....	85,869	85,913	86,006	86,370	86,494	87,584	87,572	87,837	87,477	87,818	88,095	88,422
1979.....	88,681	88,974	89,145	89,108	88,939	89,459	89,585	89,666	89,924	90,218	90,338	90,535
1980.....	90,591	90,675	90,538	90,971	91,377	91,230	91,379	91,479	91,819	91,877	92,032	92,093
1981.....	92,448	92,209	92,549	92,825	93,324	92,526	92,971	92,778	92,801	93,359	93,607	93,856
CIVILIAN LABOR FORCE - FULL-TIME WORKERS 16-19 YEARS												
1970.....	3,830	3,873	3,862	3,855	3,951	3,651	3,811	3,764	4,089	3,914	3,980	3,973
1971.....	3,937	3,966	3,930	3,981	4,061	3,424	4,054	3,957	3,928	4,010	4,076	4,186
1972.....	4,215	4,177	4,272	4,244	4,296	4,498	4,361	4,484	4,384	4,409	4,468	4,539
1973.....	4,522	4,620	4,639	4,583	4,654	4,926	4,903	4,737	4,733	4,802	4,847	4,821
1974.....	4,964	4,904	4,920	4,933	4,937	4,918	5,017	4,939	5,158	5,073	5,059	4,962
1975.....	4,928	4,895	4,840	4,893	5,104	4,682	4,827	4,797	4,881	4,872	4,793	4,872
1976.....	4,854	4,986	5,048	5,092	5,049	4,580	4,906	4,930	4,824	4,945	4,934	4,971
1977.....	5,004	5,009	4,996	5,056	5,054	5,221	5,130	5,285	5,138	5,155	5,190	5,163
1978.....	5,149	5,107	5,024	5,065	5,239	5,609	5,500	5,683	5,247	5,258	5,158	5,147
1979.....	5,267	5,228	5,271	5,266	5,121	5,255	5,251	5,093	5,208	5,194	5,237	5,281
1980.....	5,145	5,124	5,101	4,961	5,179	4,930	4,949	4,787	5,030	4,940	4,944	4,923
1981.....	4,923	4,917	4,872	4,875	4,866	4,435	4,602	4,549	4,744	4,678	4,724	4,624

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
CIVILIAN LABOR FORCE - FULL-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	44,546	44,744	44,764	44,854	44,975	44,947	44,962	44,969	45,106	45,216	45,303	45,399
1971.....	45,277	45,299	45,199	45,453	45,647	45,586	45,755	45,824	45,882	45,877	46,086	46,101
1972.....	46,156	46,182	46,334	46,447	46,490	46,718	46,770	46,788	46,841	46,971	46,832	46,960
1973.....	46,977	47,120	47,319	47,276	47,222	47,499	47,545	47,506	47,564	47,672	47,811	47,978
1974.....	48,235	48,368	48,237	48,210	48,298	48,347	48,207	48,450	48,421	48,614	48,666	48,571
1975.....	48,622	48,508	48,568	48,769	48,926	48,827	48,923	49,070	49,207	49,171	49,146	49,139
1976.....	49,115	49,066	49,281	49,407	49,543	49,671	49,807	49,894	49,963	50,059	50,141	50,154
1977.....	50,012	50,171	50,215	50,224	50,338	50,793	50,638	50,694	50,506	50,961	51,097	51,132
1978.....	51,228	51,291	51,226	51,498	51,482	51,788	51,672	51,792	51,650	51,996	52,161	52,365
1979.....	52,568	52,688	52,716	52,660	52,616	52,853	52,869	52,851	53,001	53,078	53,062	53,156
1980.....	53,257	53,228	53,164	53,397	53,547	53,574	53,701	53,763	53,905	53,899	53,942	53,991
1981.....	53,969	53,780	54,100	54,326	54,537	54,298	54,313	54,376	54,302	54,490	54,588	54,820
CIVILIAN LABOR FORCE - FULL-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	22,033	22,008	22,022	22,081	22,016	22,115	22,302	22,308	22,294	22,482	22,514	22,591
1971.....	22,608	22,674	22,404	22,546	22,651	22,378	22,370	22,669	22,915	22,826	23,093	23,125
1972.....	23,159	23,145	23,327	23,316	23,488	23,588	23,563	23,568	23,530	23,633	23,526	23,649
1973.....	23,754	23,937	23,970	24,123	24,214	24,387	24,405	24,433	24,371	24,463	24,705	24,637
1974.....	24,702	24,873	24,902	25,063	25,122	25,203	25,461	25,488	25,616	25,605	25,582	25,786
1975.....	26,097	25,998	26,189	26,193	26,387	26,175	26,143	26,364	26,551	26,662	26,683	26,865
1976.....	27,032	27,063	27,129	27,253	27,313	27,439	27,556	27,525	27,391	27,538	27,927	28,139
1977.....	28,040	28,145	28,202	28,342	28,628	28,637	28,737	28,861	29,050	28,842	29,143	29,223
1978.....	29,493	29,516	29,756	29,808	29,773	30,188	30,397	30,362	30,580	30,562	30,777	30,910
1979.....	30,847	31,059	31,157	31,183	31,202	31,352	31,463	31,722	31,714	31,946	32,039	32,099
1980.....	32,188	32,322	32,274	32,613	32,650	32,726	32,728	32,929	32,884	33,038	33,145	33,177
1981.....	33,555	33,514	33,577	33,624	33,922	33,794	34,054	33,851	33,753	34,190	34,293	34,412
CIVILIAN LABOR FORCE - PART-TIME WORKERS												
1970.....	11,546	11,571	11,782	11,893	11,629	11,644	11,777	11,788	11,568	11,731	11,788	11,736
1971.....	12,995	11,710	11,974	11,948	11,891	12,176	12,091	12,190	12,165	12,256	12,198	12,203
1972.....	12,535	12,542	12,556	12,588	12,592	12,009	12,389	12,723	12,789	12,594	12,719	12,733
1973.....	12,329	12,696	12,816	13,037	12,949	12,570	12,664	12,772	13,283	13,265	13,271	13,337
1974.....	13,306	13,272	13,279	13,099	13,281	13,321	13,510	13,113	13,373	13,339	13,407	13,414
1975.....	13,489	13,378	13,472	13,558	13,515	13,903	14,266	13,968	13,700	13,727	13,629	13,512
1976.....	13,897	13,895	13,678	14,014	13,931	14,249	14,405	14,486	14,404	14,258	14,228	14,089
1977.....	14,162	14,471	14,606	14,703	14,592	14,493	14,472	14,596	14,693	14,896	15,087	14,965
1978.....	14,975	14,867	14,955	15,190	15,322	14,815	14,974	14,766	15,243	15,271	15,406	15,414
1979.....	15,401	15,379	15,281	15,042	15,178	15,212	15,612	15,587	15,586	15,497	15,473	15,854
1980.....	15,986	15,786	15,668	15,537	15,511	15,650	16,064	15,741	15,404	15,577	15,578	15,432
1981.....	15,557	15,701	15,751	15,960	15,868	15,924	15,808	16,071	15,662	15,690	15,721	15,399
CIVILIAN LABOR FORCE - PART-TIME WORKERS 16-19 YEARS												
1970.....	3,375	3,307	3,353	3,347	3,304	3,385	3,395	3,439	3,323	3,430	3,398	3,422
1971.....	3,481	3,417	3,414	3,470	3,437	3,623	3,556	3,591	3,582	3,510	3,584	3,542
1972.....	3,663	3,721	3,698	3,772	3,725	3,397	3,669	3,747	3,710	3,685	3,721	3,710
1973.....	3,451	3,673	3,762	3,925	3,804	3,545	3,488	3,649	3,950	3,917	3,935	3,939
1974.....	3,863	3,926	3,908	3,802	3,886	3,923	3,841	3,740	3,922	3,940	3,898	3,927
1975.....	4,011	3,948	4,001	3,943	3,898	4,063	4,098	4,057	4,063	3,981	4,015	4,036
1976.....	4,096	3,995	3,967	4,096	4,117	4,310	4,310	4,314	4,167	4,122	4,142	4,078
1977.....	4,029	4,194	4,271	4,238	4,212	4,225	4,229	4,321	4,213	4,296	4,351	4,245
1978.....	4,302	4,345	4,416	4,434	4,391	4,047	4,269	4,252	4,473	4,469	4,535	4,558
1979.....	4,470	4,508	4,449	4,362	4,393	4,351	4,400	4,400	4,430	4,399	4,385	4,412
1980.....	4,435	4,375	4,352	4,278	4,280	4,496	4,686	4,501	4,301	4,383	4,328	4,272
1981.....	4,350	4,330	4,303	4,372	4,300	4,305	4,231	4,385	4,148	4,174	4,171	4,054
CIVILIAN LABOR FORCE - PART-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	2,212	2,247	2,261	2,286	2,246	2,235	2,250	2,277	2,267	2,272	2,287	2,253
1971.....	2,354	2,247	2,344	2,351	2,343	2,362	2,281	2,392	2,375	2,400	2,306	2,345
1972.....	2,381	2,406	2,482	2,413	2,429	2,438	2,412	2,458	2,473	2,413	2,478	2,498
1973.....	2,396	2,434	2,452	2,472	2,482	2,416	2,463	2,433	2,415	2,508	2,500	2,519
1974.....	2,587	2,454	2,441	2,423	2,442	2,471	2,520	2,463	2,581	2,579	2,539	2,572
1975.....	2,534	2,553	2,593	2,589	2,638	2,682	2,793	2,661	2,609	2,618	2,572	2,450
1976.....	2,578	2,623	2,503	2,686	2,591	2,648	2,597	2,565	2,634	2,628	2,655	2,660
1977.....	2,734	2,730	2,694	2,786	2,769	2,652	2,682	2,788	2,821	2,818	2,789	2,862
1978.....	2,802	2,676	2,828	2,769	2,860	2,791	2,785	2,664	2,800	2,723	2,850	2,798
1979.....	2,763	2,704	2,642	2,694	2,703	2,747	2,837	2,869	2,800	2,868	2,843	2,902
1980.....	2,915	2,970	2,958	2,919	2,941	2,903	2,867	2,857	2,740	2,853	2,876	2,809
1981.....	2,836	2,908	2,917	2,888	2,890	2,851	2,888	2,903	2,922	2,890	2,881	2,857
CIVILIAN LABOR FORCE - PART-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	5,959	6,017	6,168	6,260	6,079	6,024	6,132	6,072	5,978	6,029	6,103	6,061
1971.....	6,260	6,046	6,216	6,127	6,111	6,191	6,254	6,207	6,208	6,346	6,308	6,316
1972.....	6,491	6,415	6,376	6,403	6,438	6,174	6,308	6,518	6,606	6,496	6,520	6,525
1973.....	6,482	6,589	6,602	6,640	6,663	6,609	6,713	6,690	6,918	6,840	6,836	6,879
1974.....	6,856	6,892	6,930	6,874	6,953	6,927	7,149	6,910	6,870	6,820	6,970	6,915
1975.....	6,944	6,877	6,878	7,026	6,979	7,158	7,375	7,250	7,028	7,128	7,042	7,026
1976.....	7,223	7,277	7,208	7,232	7,223	7,291	7,498	7,607	7,603	7,508	7,431	7,351
1977.....	7,399	7,547	7,641	7,679	7,611	7,616	7,561	7,487	7,659	7,782	7,947	7,858
1978.....	7,871	7,846	7,711	7,987	8,071	7,977	7,920	7,850	7,970	8,079	8,021	8,058
1979.....	8,168	8,167	8,190	7,986	8,082	8,114	8,363	8,318	8,346	8,239	8,245	8,521
1980.....	8,636	8,441	8,358	8,340	8,290	8,251	8,511	8,383	8,363	8,341	8,374	8,351
1981.....	8,371	8,463	8,531	8,700	8,678	8,768	8,689	8,783	8,592	8,626	8,669	8,488

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE												
1970.....	60.4	60.4	60.6	60.6	60.3	60.2	60.4	60.3	60.2	60.4	60.4	60.4
1971.....	60.4	60.1	60.0	60.1	60.2	59.8	60.1	60.2	60.1	60.1	60.4	60.4
1972.....	60.2	60.2	60.5	60.4	60.4	60.4	60.4	60.6	60.4	60.3	60.3	60.5
1973.....	60.0	60.5	60.8	60.8	60.6	60.9	60.9	60.7	60.8	60.9	61.2	61.2
1974.....	61.3	61.4	61.3	61.1	61.2	61.2	61.4	61.2	61.4	61.3	61.3	61.2
1975.....	61.4	61.0	61.2	61.3	61.5	61.2	61.3	61.3	61.2	61.2	61.1	61.1
1976.....	61.3	61.3	61.3	61.6	61.5	61.5	61.8	61.8	61.6	61.6	61.9	61.8
1977.....	61.6	61.9	62.0	62.1	62.2	62.4	62.1	62.3	62.3	62.4	62.8	62.7
1978.....	62.8	62.7	62.8	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.5	63.6
1979.....	63.6	63.8	63.7	63.4	63.4	63.5	63.7	63.7	63.8	63.8	63.7	64.0
1980.....	63.9	63.9	63.7	63.7	63.9	63.7	63.8	63.7	63.7	63.8	63.8	63.7
1981.....	63.8	63.8	63.9	64.1	64.4	63.8	63.8	63.9	63.6	63.8	63.9	63.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES												
1970.....	79.9	80.0	80.0	80.0	79.9	79.6	79.6	79.4	79.5	79.4	79.5	79.6
1971.....	79.4	79.1	78.9	79.3	79.3	78.8	79.3	79.3	79.0	78.9	79.1	79.1
1972.....	78.8	78.8	79.1	78.9	78.9	79.0	78.9	79.1	78.9	78.8	78.8	79.0
1973.....	78.4	78.8	79.1	78.9	78.6	78.8	78.9	78.6	78.6	78.8	79.0	79.1
1974.....	79.5	79.3	79.0	78.6	78.7	78.7	78.4	78.4	78.6	78.6	78.6	78.4
1975.....	78.3	78.0	78.0	78.1	78.3	77.8	78.1	77.9	77.8	77.6	77.5	77.2
1976.....	77.4	77.3	77.3	77.7	77.6	77.3	77.6	77.6	77.5	77.5	77.7	77.6
1977.....	77.3	77.6	77.5	77.5	77.6	77.8	77.6	77.7	77.3	77.8	78.0	78.0
1978.....	77.9	77.8	77.7	77.8	77.9	77.9	77.8	77.8	77.7	77.8	78.0	78.1
1979.....	78.2	78.3	78.0	77.8	77.6	77.8	77.9	77.7	78.0	77.7	77.6	77.7
1980.....	77.7	77.8	77.5	77.4	77.8	77.4	77.5	77.3	77.3	77.4	77.3	77.2
1981.....	77.2	77.1	77.2	77.3	77.6	76.7	76.7	76.8	76.8	76.8	76.8	76.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES												
1970.....	43.3	43.2	43.4	43.6	43.1	43.1	43.5	43.4	43.2	43.5	43.5	43.4
1971.....	43.6	43.3	43.3	43.2	43.2	42.8	43.1	43.3	43.4	43.5	43.8	43.8
1972.....	43.8	43.6	43.9	43.9	43.9	43.9	43.9	44.0	43.9	43.9	43.9	44.0
1973.....	43.7	44.3	44.4	44.6	44.6	45.0	44.8	44.8	45.0	45.0	45.3	45.3
1974.....	45.1	45.4	45.5	45.4	45.5	45.7	46.1	45.7	46.0	45.8	45.9	45.9
1975.....	46.3	45.9	46.2	46.3	46.4	46.3	46.4	46.5	46.4	46.5	46.4	46.6
1976.....	46.9	46.9	47.0	47.1	47.2	47.3	47.6	47.6	47.3	47.3	47.7	47.7
1977.....	47.6	47.9	48.2	48.3	48.4	48.5	48.3	48.6	48.8	48.6	49.1	48.9
1978.....	49.2	49.2	49.4	49.7	49.9	50.1	50.1	50.1	50.4	50.4	50.5	50.6
1979.....	50.5	50.8	50.9	50.5	50.6	50.7	50.9	51.1	51.1	51.3	51.3	51.6
1980.....	51.6	51.4	51.3	51.4	51.5	51.4	51.6	51.6	51.5	51.5	51.6	51.6
1981.....	51.8	51.9	52.0	52.2	52.5	52.2	52.3	52.2	51.8	52.2	52.3	52.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 16-19 YEARS												
1970.....	50.4	50.3	50.4	49.9	49.7	49.0	49.4	49.7	50.4	50.1	50.1	49.8
1971.....	50.0	49.9	49.3	49.7	49.4	47.5	50.5	50.5	49.3	49.7	50.5	50.6
1972.....	51.1	51.4	51.9	51.8	51.5	51.9	51.6	52.9	51.6	51.9	52.4	52.8
1973.....	50.8	52.9	53.5	53.7	53.2	54.5	53.3	53.2	54.3	54.8	55.1	55.1
1974.....	55.1	55.2	55.0	53.8	54.3	55.3	54.9	53.8	55.7	55.5	55.1	54.4
1975.....	54.9	54.1	54.1	53.6	54.7	53.8	54.1	53.8	54.1	53.5	53.2	53.8
1976.....	54.2	54.2	54.4	55.2	55.1	53.8	55.3	55.1	53.9	54.4	54.4	54.1
1977.....	54.2	55.2	55.5	55.7	55.6	57.0	56.1	57.2	55.9	56.5	57.2	56.3
1978.....	56.8	56.6	56.6	57.1	58.0	58.3	58.5	59.2	58.1	58.3	58.2	58.3
1979.....	58.4	58.5	58.4	57.9	57.5	57.8	57.7	56.6	57.9	57.6	57.7	58.5
1980.....	57.6	57.1	57.0	55.9	57.3	56.8	57.4	55.7	56.5	56.6	56.2	56.1
1981.....	56.6	56.5	56.2	57.0	56.6	53.9	54.5	55.1	55.1	54.8	55.0	54.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 16-19 YEARS												
1970.....	56.3	56.6	57.3	56.1	56.0	55.2	55.8	55.2	56.1	55.5	56.0	57.0
1971.....	56.4	56.3	55.0	56.2	55.9	53.7	57.3	56.7	55.4	56.5	57.3	57.1
1972.....	56.9	57.6	58.1	57.4	57.5	57.8	57.0	59.7	58.2	58.3	58.5	59.0
1973.....	56.7	58.9	60.0	59.7	58.8	60.0	60.0	59.1	60.2	61.0	61.2	61.0
1974.....	61.4	61.3	61.1	59.9	60.5	61.3	60.5	59.5	61.4	60.8	60.7	60.1
1975.....	59.9	59.5	59.5	58.9	59.6	59.3	59.3	58.6	58.9	58.3	58.1	58.1
1976.....	59.3	59.3	59.1	60.5	59.6	58.1	59.7	59.6	58.5	59.3	59.0	59.5
1977.....	58.7	59.8	59.9	60.4	61.2	61.9	61.2	61.4	60.6	61.7	62.6	61.8
1978.....	61.7	61.4	61.2	61.3	61.5	62.3	62.3	63.1	62.1	62.7	62.1	61.9
1979.....	62.4	62.1	61.9	61.5	61.1	61.5	61.6	60.5	62.2	60.6	61.0	62.1
1980.....	61.1	60.8	61.4	60.1	61.2	60.9	61.2	59.1	59.9	60.6	60.2	59.6
1981.....	60.8	60.5	59.8	60.6	60.2	56.7	57.3	58.0	58.5	58.6	59.1	58.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 16-19 YEARS												
1970.....	44.7	44.3	43.7	44.0	43.6	43.0	43.3	44.4	44.8	44.8	44.3	42.7
1971.....	43.8	43.7	43.6	43.3	43.0	41.5	43.9	44.4	43.4	43.0	43.8	44.3
1972.....	45.5	45.3	45.8	46.3	45.6	46.0	46.3	46.2	45.1	45.6	46.3	46.7
1973.....	45.0	47.0	47.2	47.8	47.6	49.0	46.7	47.4	48.4	48.6	49.1	49.2
1974.....	49.0	49.3	49.1	47.9	48.3	49.3	49.3	48.2	50.1	50.2	49.5	48.8
1975.....	50.0	48.7	48.8	48.3	49.8	48.4	49.0	49.2	49.3	48.8	48.4	49.5
1976.....	49.1	49.3	49.7	49.9	50.7	49.6	51.0	50.6	49.3	49.6	49.8	48.9
1977.....	49.7	50.7	51.2	51.0	50.1	52.3	51.1	53.0	51.3	51.4	51.9	51.0
1978.....	51.8	51.9	52.0	52.9	54.6	54.3	54.7	55.3	54.2	54.0	54.3	54.6
1979.....	54.5	54.9	54.9	54.3	53.8	54.1	53.9	52.8	53.6	54.5	54.3	54.9
1980.....	54.2	53.4	52.7	51.6	53.4	52.7	53.6	52.3	53.1	52.6	52.3	52.6
1981.....	52.5	52.6	52.6	53.3	53.0	51.1	51.7	52.1	51.7	51.1	51.0	49.8

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 20 YEARS AND OVER												
1970.....	61.6	61.6	61.8	61.9	61.6	61.6	61.7	61.6	61.4	61.6	61.7	61.7
1971.....	61.7	61.4	61.3	61.4	61.5	61.2	61.2	61.4	61.5	61.4	61.6	61.6
1972.....	61.3	61.2	61.5	61.4	61.5	61.4	61.5	61.5	61.4	61.4	61.3	61.4
1973.....	61.2	61.5	61.6	61.6	61.5	61.7	61.8	61.6	61.6	61.7	61.9	62.0
1974.....	62.1	62.2	62.0	61.9	62.0	62.0	62.2	62.1	62.0	62.0	62.1	62.1
1975.....	62.2	61.9	62.1	62.2	62.3	62.1	62.2	62.2	62.1	62.1	62.0	61.9
1976.....	62.2	62.1	62.1	62.3	62.3	62.4	62.6	62.6	62.5	62.5	62.7	62.7
1977.....	62.5	62.7	62.8	62.8	63.0	63.0	62.8	62.9	63.0	63.1	63.5	63.4
1978.....	63.5	63.4	63.5	63.7	63.7	63.8	63.8	63.7	63.9	63.9	64.1	64.2
1979.....	64.2	64.4	64.3	64.0	64.0	64.1	64.3	64.4	64.5	64.5	64.4	64.6
1980.....	64.6	64.6	64.4	64.5	64.7	64.5	64.6	64.6	64.5	64.5	64.6	64.5
1981.....	64.6	64.6	64.8	64.9	65.2	64.8	64.8	64.8	64.5	64.8	64.8	64.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 20 YEARS AND OVER												
1970.....	82.8	82.8	82.9	83.0	82.9	82.6	82.6	82.5	82.5	82.4	82.5	82.5
1971.....	82.3	82.0	81.9	82.2	82.3	82.0	82.1	82.1	82.0	81.7	81.9	81.9
1972.....	81.6	81.5	81.8	81.7	81.6	81.7	81.7	81.6	81.6	81.4	81.4	81.5
1973.....	81.2	81.4	81.6	81.4	81.2	81.2	81.3	81.1	81.0	81.1	81.3	81.4
1974.....	81.8	81.7	81.3	81.0	81.1	80.9	80.7	80.9	80.8	80.8	80.9	80.7
1975.....	80.6	80.4	80.4	80.5	80.7	80.2	80.4	80.4	80.2	80.0	79.9	79.6
1976.....	79.7	79.6	79.6	79.9	79.8	79.7	79.9	79.9	79.9	79.8	80.0	79.8
1977.....	79.6	79.8	79.7	79.6	79.6	79.8	79.6	79.7	79.4	79.8	79.9	80.0
1978.....	79.9	79.8	79.7	79.8	79.9	79.8	79.7	79.6	79.5	79.6	80.0	80.0
1979.....	80.1	80.2	79.9	79.7	79.6	79.7	79.8	79.7	79.8	79.7	79.6	79.6
1980.....	79.6	79.7	79.4	79.4	79.7	79.3	79.4	79.4	79.3	79.3	79.3	79.2
1981.....	79.1	79.0	79.2	79.2	79.6	78.9	78.9	78.9	78.8	78.8	78.8	79.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 20 YEARS AND OVER												
1970.....	43.1	43.1	43.4	43.5	43.0	43.2	43.5	43.3	43.0	43.4	43.4	43.4
1971.....	43.6	43.3	43.2	43.2	43.2	43.0	43.0	43.2	43.4	43.5	43.8	43.8
1972.....	43.6	43.4	43.7	43.6	43.8	43.6	43.7	43.8	43.7	43.7	43.6	43.7
1973.....	43.6	44.0	44.1	44.3	44.3	44.5	44.5	44.5	44.6	44.6	44.9	44.8
1974.....	44.7	45.0	45.1	45.1	45.1	45.3	45.8	45.5	45.5	45.3	45.5	46.3
1975.....	45.9	45.6	45.9	46.0	46.0	46.0	46.1	46.2	46.1	46.3	46.2	46.3
1976.....	46.6	46.6	46.7	46.8	46.8	47.0	47.3	47.1	47.1	47.1	47.5	47.5
1977.....	47.4	47.6	47.9	48.0	48.2	48.1	48.0	48.1	48.5	48.3	48.8	48.7
1978.....	48.9	48.9	49.1	49.3	49.4	49.6	49.7	49.5	49.9	50.0	50.1	50.2
1979.....	50.1	50.3	50.5	50.1	50.2	50.3	50.6	50.9	50.9	50.9	50.9	51.2
1980.....	51.3	51.2	51.1	51.3	51.3	51.3	51.4	51.5	51.3	51.4	51.5	51.4
1981.....	51.7	51.8	52.0	52.1	52.4	52.3	52.3	52.2	51.8	52.3	52.4	52.2
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 20-24 YEARS												
1970.....	68.9	69.0	68.8	69.0	69.0	68.5	69.4	69.3	69.8	69.5	69.5	69.7
1971.....	69.2	68.6	68.6	69.1	69.3	68.1	69.0	69.6	69.8	69.7	69.8	70.7
1972.....	69.7	69.8	70.0	70.1	70.4	70.5	70.8	71.1	71.2	71.6	71.5	71.8
1973.....	71.7	72.3	72.7	72.7	72.4	72.6	72.6	72.1	72.5	72.8	73.1	73.4
1974.....	73.6	74.1	73.8	73.7	74.0	73.6	73.8	73.9	74.4	74.3	74.6	74.6
1975.....	74.3	74.0	74.1	74.2	74.6	73.5	74.2	74.2	74.2	73.7	73.1	73.7
1976.....	73.8	74.0	74.1	75.0	74.9	74.7	75.3	74.7	74.4	74.9	75.4	75.5
1977.....	75.3	75.7	75.7	75.1	75.1	76.0	75.6	76.0	76.0	75.7	75.8	76.0
1978.....	76.4	75.9	76.1	76.7	76.4	77.2	76.9	77.1	77.1	77.1	77.0	77.4
1979.....	77.3	77.8	77.9	77.6	77.1	77.5	77.5	77.5	77.9	77.2	77.1	77.4
1980.....	77.3	77.2	76.9	77.1	77.7	77.0	77.2	77.2	77.1	77.5	77.4	77.1
1981.....	77.6	77.3	77.3	77.5	77.9	77.0	77.3	77.5	77.0	77.4	76.9	77.2
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 20-24 YEARS												
1970.....	82.7	83.0	82.8	83.3	83.4	82.6	83.8	83.6	84.4	83.6	83.8	84.0
1971.....	83.2	82.3	82.3	83.2	83.3	81.7	82.2	83.4	82.9	83.4	83.1	84.5
1972.....	83.2	83.4	83.8	83.6	82.9	83.6	83.9	83.7	84.3	84.6	84.5	85.0
1973.....	84.5	84.9	85.5	85.5	85.1	85.0	85.0	84.4	84.5	85.4	85.8	86.5
1974.....	87.2	86.8	85.7	85.7	86.2	85.7	85.1	85.2	86.2	86.3	86.4	85.6
1975.....	85.0	84.8	84.9	85.0	85.3	84.0	84.9	84.8	85.1	84.2	83.4	83.8
1976.....	83.8	84.5	84.2	85.4	85.3	84.7	85.4	84.8	85.1	85.7	86.1	86.6
1977.....	86.0	86.1	85.7	85.0	84.3	85.6	85.6	86.3	85.4	85.4	85.2	85.4
1978.....	85.6	85.1	85.6	85.8	85.4	86.1	85.5	86.3	85.7	86.0	86.5	86.3
1979.....	86.6	86.8	86.2	86.8	85.6	86.5	86.5	86.2	87.1	86.8	86.0	86.3
1980.....	86.4	86.5	86.3	86.2	87.1	85.7	85.6	85.7	85.8	86.0	85.7	85.2
1981.....	85.7	85.4	85.8	85.6	86.4	84.9	85.4	85.8	85.5	85.3	84.9	85.3
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 20-24 YEARS												
1970.....	57.9	57.8	57.6	57.6	57.4	57.1	57.7	57.5	57.8	58.0	57.7	57.8
1971.....	57.6	57.2	57.0	57.3	57.4	56.4	57.8	57.9	58.5	58.0	58.4	58.7
1972.....	57.9	57.9	57.8	58.3	59.4	58.8	59.2	59.8	59.5	59.9	59.8	59.9
1973.....	60.1	60.8	61.0	61.1	60.9	61.3	61.3	60.9	61.6	61.4	61.5	61.4
1974.....	61.2	62.6	62.9	62.8	62.8	62.4	63.5	63.6	63.6	63.4	63.8	64.5
1975.....	64.4	64.0	64.0	64.2	64.7	63.9	64.3	64.3	64.0	63.9	63.5	64.3
1976.....	64.5	64.2	64.6	65.3	65.2	65.3	65.8	65.3	64.5	64.8	65.4	65.1
1977.....	65.2	66.0	66.2	65.9	66.4	67.0	66.2	66.4	67.2	66.6	67.0	67.2
1978.....	67.8	67.3	67.2	68.1	67.8	68.9	68.7	68.5	69.1	68.8	68.1	69.0
1979.....	68.5	69.4	70.1	68.9	69.1	69.0	69.1	69.2	69.1	68.2	68.7	69.0
1980.....	68.8	68.4	68.0	68.6	68.9	68.7	69.3	69.1	68.9	69.4	69.6	69.4
1981.....	69.9	69.7	69.3	69.9	70.0	69.5	69.6	69.6	69.1	69.9	69.4	69.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 25 YEARS AND OVER												
1970.....	60.6	60.6	60.8	60.9	60.5	60.6	60.6	60.5	60.2	60.4	60.5	60.5
1971.....	60.5	60.3	60.2	60.2	60.3	60.2	60.0	60.2	60.2	60.2	60.4	60.2
1972.....	60.1	59.9	60.2	60.0	60.1	60.0	60.0	60.0	60.0	59.9	59.7	59.8
1973.....	59.6	59.8	59.9	59.9	59.9	60.0	60.0	59.9	60.0	60.0	60.1	60.1
1974.....	60.3	60.3	60.2	60.1	60.1	60.2	60.4	60.2	60.2	60.1	60.1	60.1
1975.....	60.2	59.9	60.1	60.3	60.4	60.3	60.4	60.3	60.3	60.4	60.2	60.0
1976.....	60.3	60.2	60.2	60.3	60.3	60.5	60.6	60.6	60.7	60.6	60.6	60.7
1977.....	60.5	60.6	60.8	60.9	61.0	60.9	60.9	60.8	61.0	61.2	61.4	61.3
1978.....	61.4	61.4	61.5	61.6	61.6	61.7	61.7	61.5	61.8	61.8	62.0	62.1
1979.....	62.1	62.2	62.2	61.9	61.9	62.1	62.3	62.3	62.4	62.5	62.3	62.5
1980.....	62.6	62.6	62.4	62.6	62.5	62.6	62.6	62.6	62.5	62.5	62.5	62.5
1981.....	62.5	62.6	62.8	62.9	63.1	63.0	62.9	62.8	62.5	62.8	62.9	62.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 25 YEARS AND OVER												
1970.....	82.8	82.8	82.9	82.9	82.8	82.6	82.4	82.3	82.2	82.3	82.3	82.3
1971.....	82.1	81.9	81.9	82.0	82.2	82.0	82.1	82.0	81.9	81.6	81.7	81.5
1972.....	81.4	81.2	81.5	81.4	81.4	81.4	81.3	81.3	81.2	81.1	80.9	81.0
1973.....	80.6	80.8	80.9	80.7	80.6	80.6	80.7	80.5	80.5	80.5	80.5	80.6
1974.....	80.9	80.8	80.6	80.3	80.2	80.1	80.0	80.2	80.1	80.1	80.0	79.9
1975.....	79.8	79.5	79.6	79.7	79.9	79.7	79.8	79.7	79.7	79.5	79.3	78.9
1976.....	78.9	78.7	78.8	78.9	78.9	79.0	79.0	79.1	79.3	79.0	78.9	78.7
1977.....	78.5	78.7	78.7	78.7	78.7	78.9	78.6	78.6	78.5	79.0	79.0	79.0
1978.....	79.0	78.8	78.8	78.8	78.8	78.8	78.7	78.5	78.6	78.6	78.8	78.9
1979.....	79.0	79.1	78.9	78.6	78.5	78.6	78.7	78.7	78.7	78.6	78.4	78.4
1980.....	78.5	78.6	78.3	78.3	78.3	78.4	78.4	78.4	78.3	78.2	78.1	78.1
1981.....	78.0	77.9	78.2	78.2	78.3	78.0	77.9	77.8	77.7	77.7	77.7	77.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 25 YEARS AND OVER												
1970.....	41.0	40.9	41.3	41.4	40.9	41.1	41.3	41.2	40.8	41.2	41.3	41.3
1971.....	41.5	41.2	41.1	41.0	41.0	40.9	40.6	40.9	41.1	41.3	41.6	41.5
1972.....	41.4	41.2	41.5	41.3	41.4	41.3	41.3	41.3	41.4	41.3	41.1	41.2
1973.....	41.1	41.4	41.5	41.7	41.8	41.9	41.9	41.9	42.0	42.0	42.3	42.2
1974.....	42.2	42.3	42.3	42.4	42.5	42.6	43.1	42.6	42.7	42.6	42.6	42.6
1975.....	43.1	42.7	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.6	43.4	43.5
1976.....	43.9	43.9	43.9	44.0	44.0	44.2	44.5	44.4	44.4	44.4	44.6	44.8
1977.....	44.6	44.7	45.0	45.2	45.4	45.2	45.3	45.1	45.6	45.5	46.0	45.8
1978.....	46.0	46.0	46.2	46.5	46.5	46.7	46.8	46.5	47.0	47.1	47.2	47.3
1979.....	47.2	47.4	47.5	47.2	47.3	47.5	47.8	48.0	48.1	48.3	48.2	48.5
1980.....	48.6	48.6	48.5	48.7	48.6	48.6	48.7	48.8	48.6	48.7	48.7	48.7
1981.....	49.0	49.1	49.3	49.4	49.8	49.7	49.7	49.6	49.2	49.6	49.8	49.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 25-34 YEARS												
1970.....	69.5	69.6	69.8	70.0	69.6	69.9	70.0	69.9	69.2	69.6	70.0	69.7
1971.....	69.7	69.7	69.8	69.5	69.8	69.8	69.7	69.8	70.2	70.2	70.3	70.2
1972.....	70.3	70.6	70.8	70.7	70.8	71.1	71.0	70.9	71.0	71.1	70.9	71.2
1973.....	71.4	71.9	71.9	71.9	72.1	72.3	72.3	72.4	72.2	72.8	73.1	73.3
1974.....	73.4	73.4	73.3	73.1	73.4	73.2	73.4	73.6	73.7	74.0	74.3	73.9
1975.....	74.2	73.6	74.0	74.3	74.4	74.6	74.6	74.5	74.8	75.1	74.9	74.6
1976.....	75.2	74.9	75.3	75.6	75.7	75.9	76.1	76.0	76.0	75.9	76.1	76.2
1977.....	76.1	76.4	76.7	76.9	76.9	77.2	77.2	77.2	77.3	77.2	77.2	77.3
1978.....	77.4	77.7	78.1	78.3	78.3	78.3	78.4	78.1	78.6	78.8	78.8	79.1
1979.....	79.0	79.0	78.9	78.7	79.0	79.2	79.4	79.4	79.5	79.5	79.4	79.7
1980.....	80.2	80.1	79.9	80.2	80.0	79.8	80.0	79.9	80.0	80.0	79.9	79.9
1981.....	80.1	79.9	80.4	80.3	80.8	80.6	80.6	80.5	80.4	80.7	80.8	80.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 25-34 YEARS												
1970.....	96.5	96.5	96.7	96.6	96.4	96.6	96.3	96.3	96.3	96.4	96.5	96.2
1971.....	95.8	96.0	95.9	95.9	96.0	96.0	96.4	96.0	95.9	95.8	95.9	95.5
1972.....	95.6	95.7	96.0	95.7	95.6	95.8	95.7	95.7	95.6	95.5	95.2	95.3
1973.....	95.5	95.7	95.7	95.6	95.6	95.8	96.0	95.6	95.4	95.7	95.6	95.9
1974.....	96.5	95.8	95.9	95.6	96.0	95.8	95.7	95.7	95.6	95.7	96.1	95.6
1975.....	95.4	94.9	95.2	95.4	95.5	95.4	95.4	95.1	95.3	95.5	95.2	94.8
1976.....	94.8	94.8	95.0	95.3	95.5	95.4	95.4	95.2	95.4	95.4	95.4	95.0
1977.....	94.9	95.2	95.4	95.4	95.2	95.5	95.4	95.4	95.1	95.3	95.2	95.2
1978.....	95.3	95.3	95.4	95.4	95.3	95.1	95.3	95.1	95.3	94.8	95.2	95.5
1979.....	95.5	95.6	95.4	95.2	95.4	95.3	95.4	95.1	95.2	95.3	95.1	95.3
1980.....	95.6	95.4	95.2	95.2	95.3	95.2	95.4	95.1	95.6	95.1	95.0	94.8
1981.....	94.8	94.6	95.1	95.0	95.3	95.0	94.8	94.9	94.9	94.8	94.8	94.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 25-34 YEARS												
1970.....	44.6	44.9	45.0	45.5	44.7	45.1	45.6	45.4	44.1	44.8	45.3	45.1
1971.....	45.5	45.2	45.4	44.9	45.5	45.4	44.8	45.3	46.1	46.3	46.3	46.6
1972.....	46.7	47.1	47.3	47.5	47.6	48.0	48.0	47.7	48.1	48.4	48.2	48.6
1973.....	48.9	49.6	49.5	49.6	49.9	50.3	50.1	50.6	50.5	51.2	51.9	52.0
1974.....	51.8	52.3	52.2	51.9	52.2	52.0	52.5	52.8	53.1	53.5	53.7	53.4
1975.....	54.3	53.5	54.0	54.4	54.6	54.9	54.9	55.1	55.5	55.7	55.7	55.5
1976.....	56.6	56.2	56.6	57.0	57.0	57.4	57.9	58.0	57.7	57.5	57.8	58.4
1977.....	58.3	58.6	59.1	59.3	59.7	59.9	60.0	60.0	60.5	60.1	60.2	60.3
1978.....	60.5	60.9	61.6	62.1	62.2	62.3	62.4	61.9	62.8	63.6	63.2	63.5
1979.....	63.3	63.3	63.1	63.0	63.5	63.8	64.2	64.5	64.5	64.4	64.5	64.8
1980.....	65.5	65.5	65.4	65.9	65.5	65.2	65.3	65.4	65.1	65.5	65.6	65.7
1981.....	66.0	65.8	66.4	66.4	67.0	66.9	67.0	66.8	66.5	67.2	67.5	67.3

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 35-44 YEARS												
1970.....	73.0	73.1	73.1	73.5	73.1	73.1	73.1	73.0	72.8	73.2	73.2	73.3
1971.....	73.3	73.4	73.0	73.0	72.9	73.1	73.2	73.3	73.2	73.2	73.5	73.3
1972.....	73.1	73.0	73.4	73.3	73.5	73.2	73.3	73.4	73.3	73.2	73.7	73.6
1973.....	73.5	73.7	73.9	73.9	74.1	74.3	73.9	73.9	74.1	74.1	74.1	74.1
1974.....	74.4	74.4	74.2	74.3	74.3	74.8	75.1	74.9	74.9	74.7	74.8	75.0
1975.....	75.0	74.6	74.7	75.0	74.8	75.0	74.9	75.5	75.2	75.3	75.1	75.2
1976.....	75.3	75.7	75.8	75.9	75.5	75.8	75.8	76.2	76.3	76.3	76.4	76.5
1977.....	76.4	76.5	76.7	76.8	77.0	77.0	77.1	77.0	76.8	77.1	77.7	77.7
1978.....	78.2	77.9	77.8	77.7	78.2	78.3	77.9	77.9	78.1	78.3	78.4	78.3
1979.....	78.4	78.7	79.0	78.7	78.8	79.0	79.2	79.5	79.6	79.8	79.5	79.9
1980.....	79.8	79.9	79.9	79.9	80.1	80.1	80.2	80.1	80.0	80.0	80.2	80.2
1981.....	80.3	80.4	80.3	80.6	80.7	80.6	80.8	81.0	80.6	80.7	81.0	81.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 35-44 YEARS												
1970.....	96.8	97.0	97.0	97.2	97.1	97.1	96.7	96.7	96.7	96.8	96.8	96.7
1971.....	96.5	96.3	96.3	96.4	96.4	96.6	96.7	96.5	96.8	96.7	96.8	96.3
1972.....	96.0	96.1	96.2	96.2	96.4	96.4	96.6	96.7	96.4	96.1	96.6	96.4
1973.....	96.3	96.4	96.4	96.3	96.1	95.9	96.2	96.0	96.0	95.9	96.2	96.1
1974.....	96.5	96.5	96.4	95.9	95.9	96.0	95.7	95.9	95.9	95.9	95.8	95.9
1975.....	95.6	95.3	95.4	95.5	95.7	95.9	95.9	95.9	95.8	95.6	95.6	95.3
1976.....	95.2	95.3	95.4	95.5	95.2	94.9	95.4	95.5	95.7	95.4	95.5	95.5
1977.....	95.4	95.6	95.6	95.6	95.8	95.5	95.4	95.4	95.4	95.8	95.9	95.9
1978.....	96.4	95.9	95.7	95.6	95.6	95.7	95.4	95.3	95.3	95.5	95.8	95.6
1979.....	95.9	96.0	96.1	95.6	95.5	95.6	95.8	95.8	95.8	95.6	95.7	95.6
1980.....	95.5	95.4	95.3	95.3	95.5	95.4	95.7	95.5	95.7	95.6	95.6	95.4
1981.....	95.4	95.2	95.4	95.7	95.7	95.3	94.9	95.4	95.4	95.2	95.3	95.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 35-44 YEARS												
1970.....	51.0	50.9	51.0	51.5	50.8	50.9	51.1	51.0	51.0	51.3	51.3	51.7
1971.....	51.8	52.1	51.4	51.4	51.1	51.3	51.3	51.8	51.3	51.5	51.8	52.0
1972.....	52.0	51.6	52.3	52.0	52.1	51.7	51.6	51.8	51.9	51.9	52.4	52.5
1973.....	52.3	52.5	53.0	53.1	53.6	54.3	53.3	53.4	53.6	53.7	53.6	53.5
1974.....	53.8	53.9	53.5	54.2	54.1	55.0	56.0	55.2	55.3	54.9	55.3	55.5
1975.....	55.8	55.3	55.3	55.9	55.4	55.5	55.3	56.4	56.0	56.4	56.1	56.5
1976.....	56.8	57.5	57.6	57.6	57.2	58.0	57.4	58.1	58.2	58.4	58.5	58.8
1977.....	58.5	58.7	59.0	59.2	59.4	59.6	60.0	59.8	59.5	59.7	60.6	60.7
1978.....	61.2	61.0	61.1	61.0	61.9	62.1	61.4	61.6	61.8	62.1	62.1	62.1
1979.....	61.9	62.4	62.9	62.9	63.1	63.3	63.7	64.3	64.5	65.0	64.2	65.1
1980.....	65.0	65.2	65.4	65.4	65.6	65.7	65.6	65.6	65.2	65.4	65.6	65.8
1981.....	66.1	66.5	66.1	66.5	66.6	66.7	67.5	67.4	66.7	67.1	67.5	67.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 45-54 YEARS												
1970.....	73.7	73.3	73.7	73.5	73.2	73.5	73.7	73.5	73.3	73.6	73.6	73.6
1971.....	73.5	73.4	73.1	73.3	73.4	73.3	73.1	73.3	73.2	73.0	73.2	73.1
1972.....	73.2	73.0	73.3	72.8	72.8	72.8	72.7	72.8	72.5	72.3	71.9	72.3
1973.....	71.9	72.3	72.3	72.6	72.2	72.3	72.8	72.4	72.7	72.6	72.7	72.7
1974.....	72.8	72.8	72.7	72.5	72.7	72.9	73.1	72.5	72.5	72.6	72.3	72.5
1975.....	72.3	72.2	72.6	72.5	72.7	72.8	72.8	73.0	72.6	73.1	72.5	72.4
1976.....	72.3	72.2	72.0	72.2	72.3	72.5	73.0	72.8	72.8	72.9	72.8	72.8
1977.....	72.4	72.4	72.6	72.6	72.6	72.7	72.2	72.4	72.8	73.1	73.6	73.4
1978.....	73.4	73.3	73.3	73.2	73.0	72.9	73.6	73.5	73.9	74.0	74.1	74.2
1979.....	74.3	74.3	74.4	73.8	73.4	73.7	74.5	74.5	74.6	74.5	74.5	74.9
1980.....	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.2	75.5	75.2	75.3	75.2
1981.....	75.4	75.6	75.7	75.9	76.4	75.9	75.8	75.6	75.1	75.5	75.9	75.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 45-54 YEARS												
1970.....	94.6	94.3	94.4	94.2	94.2	94.3	94.4	94.2	94.1	94.2	94.2	94.2
1971.....	94.1	94.2	93.9	94.1	94.1	94.2	93.8	94.0	93.9	93.6	93.8	93.6
1972.....	93.4	93.3	93.4	93.5	93.4	93.5	93.4	93.0	92.9	93.0	92.9	93.1
1973.....	92.8	92.9	93.2	92.9	92.8	92.8	93.0	92.9	93.1	93.1	92.8	92.9
1974.....	93.0	93.0	92.5	91.8	92.1	92.0	92.0	91.9	91.8	92.2	91.9	91.9
1975.....	91.5	91.3	91.7	91.7	92.4	92.3	92.3	92.9	92.6	92.8	92.3	91.9
1976.....	91.5	91.3	91.2	91.4	91.2	91.7	91.9	91.8	91.8	91.8	91.5	91.6
1977.....	90.9	90.9	90.8	90.9	91.0	91.3	90.7	90.9	90.9	91.4	91.7	91.8
1978.....	91.7	91.4	91.5	91.2	91.6	90.8	91.0	90.8	91.3	91.2	91.3	91.5
1979.....	91.7	91.9	92.0	91.2	91.0	91.5	91.6	91.7	91.5	91.2	91.1	91.1
1980.....	91.2	91.2	91.2	91.0	91.2	91.3	91.3	91.4	91.5	91.2	91.5	91.0
1981.....	91.1	91.0	91.3	91.3	91.8	91.5	91.6	91.5	91.3	91.4	91.9	91.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 45-54 YEARS												
1970.....	54.4	54.0	54.5	54.3	53.9	54.4	54.7	54.4	54.2	54.6	54.7	54.7
1971.....	54.5	54.4	54.0	54.2	54.3	54.1	54.1	54.2	54.1	54.2	54.6	54.3
1972.....	54.7	54.4	54.7	53.9	53.8	53.7	53.8	54.3	53.7	53.3	52.6	53.3
1973.....	52.7	53.4	53.1	53.9	53.3	53.4	54.4	53.6	54.1	53.9	54.3	54.2
1974.....	54.2	54.2	54.5	54.7	54.9	55.2	55.7	54.5	54.6	54.5	54.2	54.5
1975.....	54.6	54.6	54.9	54.7	54.6	54.8	54.8	54.6	54.2	54.9	54.2	54.5
1976.....	54.5	54.6	54.3	54.5	54.8	54.8	55.5	55.2	55.2	55.4	55.5	55.4
1977.....	55.3	55.2	55.8	55.7	55.7	55.5	55.2	55.3	56.0	56.2	56.8	56.4
1978.....	56.4	56.4	56.4	56.6	55.9	56.3	57.4	57.4	57.9	58.0	58.1	58.1
1979.....	58.1	58.1	58.2	57.8	57.0	57.2	58.6	58.6	58.9	58.9	59.1	59.8
1980.....	59.4	59.5	59.3	59.5	59.3	59.8	59.9	60.2	60.6	60.3	60.2	60.4
1981.....	60.9	61.3	61.3	61.6	62.0	61.5	61.1	60.8	60.0	60.8	61.0	61.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 55 YEARS AND OVER												
1970.....	39.0	39.3	39.4	39.3	39.1	39.0	38.9	38.7	38.6	38.7	38.7	38.7
1971.....	38.9	38.4	38.4	38.4	38.4	38.1	37.9	38.0	38.0	38.1	38.3	38.1
1972.....	37.7	37.4	37.5	37.3	37.4	37.3	37.2	37.2	37.3	37.2	36.6	36.6
1973.....	36.0	36.2	36.2	35.9	35.9	36.0	36.0	35.9	35.7	35.6	35.5	35.5
1974.....	35.5	35.7	35.5	35.5	35.2	35.2	35.1	35.2	35.0	34.9	34.3	34.7
1975.....	34.8	34.9	34.8	34.9	34.9	34.6	34.8	34.4	34.3	34.3	34.1	34.1
1976.....	34.2	34.1	33.9	33.7	33.6	33.8	33.8	34.0	34.0	33.8	33.7	33.8
1977.....	33.5	33.6	33.5	33.7	33.8	33.4	33.3	33.2	33.6	33.8	33.9	33.9
1978.....	33.7	33.5	33.5	33.7	33.6	33.9	33.7	33.4	33.6	33.4	33.7	33.7
1979.....	33.9	33.8	33.7	33.3	33.4	33.3	33.2	33.4	33.4	33.4	33.2	33.2
1980.....	33.2	33.2	32.8	32.9	32.9	32.8	32.8	33.0	32.7	32.5	32.4	32.3
1981.....	32.3	32.4	32.6	32.5	32.6	32.4	32.3	32.1	32.0	31.9	31.8	31.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 55 YEARS AND OVER												
1970.....	56.3	56.4	56.4	56.3	56.2	55.8	55.5	55.3	55.1	55.1	55.1	55.1
1971.....	55.2	54.6	54.7	54.8	55.2	54.8	54.8	54.8	54.4	54.1	54.3	53.9
1972.....	53.9	53.4	53.8	53.4	53.5	53.5	53.2	53.3	53.3	53.3	52.5	52.6
1973.....	51.5	51.8	52.1	51.4	51.2	51.6	51.4	51.0	51.0	51.1	50.9	51.0
1974.....	51.0	51.5	51.1	51.0	50.5	50.3	50.3	50.6	50.3	50.5	49.7	50.1
1975.....	50.1	50.1	49.7	49.9	49.7	49.2	49.6	49.1	49.0	48.6	48.3	48.2
1976.....	48.2	47.7	47.8	47.7	47.7	48.0	47.7	48.1	48.2	47.7	47.5	47.4
1977.....	47.3	47.3	47.3	47.2	47.4	47.3	47.2	46.9	47.1	47.6	47.7	47.7
1978.....	47.1	47.1	47.0	47.2	47.2	47.6	47.3	46.9	47.0	47.0	47.3	47.3
1979.....	47.5	47.2	46.8	46.4	46.5	46.4	46.5	46.6	46.8	46.3	46.2	45.9
1980.....	46.1	46.4	45.8	45.8	45.8	45.7	45.6	45.8	45.4	45.2	45.1	45.1
1981.....	44.9	45.0	45.1	45.1	45.0	44.5	44.5	44.1	44.0	43.9	43.7	44.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 55 YEARS AND OVER												
1970.....	25.0	25.3	25.7	25.4	25.2	25.3	25.4	25.2	25.3	25.4	25.4	25.4
1971.....	25.8	25.4	25.3	25.1	25.0	24.8	24.4	24.6	25.0	25.3	25.5	25.5
1972.....	24.9	24.7	24.6	24.5	24.6	24.5	24.5	24.6	24.7	24.5	24.2	24.0
1973.....	23.8	23.9	23.7	23.8	23.8	23.8	24.0	24.1	23.8	23.6	23.5	23.4
1974.....	23.3	23.2	23.3	23.3	23.2	23.3	23.3	23.1	22.9	22.6	22.3	22.7
1975.....	22.9	23.0	23.1	23.2	23.3	23.3	23.3	22.9	22.9	23.2	23.0	23.1
1976.....	23.2	23.4	23.1	22.8	22.7	22.8	23.1	23.1	23.0	23.0	23.0	23.1
1977.....	22.7	22.9	22.8	23.2	23.2	22.6	22.6	22.6	23.1	23.0	23.2	23.1
1978.....	23.2	23.0	23.0	23.3	23.1	23.3	23.2	23.0	23.2	22.8	23.2	23.2
1979.....	23.3	23.4	23.5	23.2	23.2	23.1	22.9	23.1	23.0	23.4	23.2	23.2
1980.....	23.3	23.1	22.8	22.9	22.9	22.7	22.9	23.1	22.9	22.7	22.6	22.4
1981.....	22.5	22.6	22.9	22.8	23.0	22.9	22.9	22.8	22.6	22.7	22.6	22.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 55-64 YEARS												
1970.....	61.8	62.0	62.2	62.1	61.9	62.0	61.9	61.6	61.6	61.8	61.7	61.6
1971.....	62.0	61.7	61.7	61.4	61.3	61.0	60.5	60.8	61.0	61.2	61.6	61.1
1972.....	60.7	60.2	60.2	60.3	60.4	60.3	60.0	60.0	60.1	59.9	59.4	59.3
1973.....	58.8	59.1	58.8	58.3	58.2	58.4	58.4	58.2	58.3	58.2	57.9	58.0
1974.....	58.3	58.6	58.6	58.4	57.9	57.9	57.9	57.8	57.4	57.1	56.7	57.2
1975.....	57.5	57.5	57.3	57.3	57.4	57.2	57.4	57.1	57.0	57.0	56.6	56.8
1976.....	56.8	56.6	56.4	56.5	56.2	56.5	56.7	57.0	56.8	56.7	56.4	56.4
1977.....	56.3	56.2	56.1	56.4	56.7	56.2	56.0	55.7	56.3	56.6	56.6	56.5
1978.....	56.2	56.1	56.1	56.3	56.1	56.3	56.2	55.9	56.3	56.1	56.8	56.6
1979.....	56.9	56.6	56.5	55.8	56.1	55.9	56.1	56.1	56.3	56.5	56.1	56.0
1980.....	56.0	56.1	55.7	55.9	55.8	55.8	55.8	56.0	55.6	55.4	55.2	55.1
1981.....	55.2	55.2	55.5	55.3	55.6	55.2	55.1	54.9	54.7	54.6	54.5	54.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 55-64 YEARS												
1970.....	83.6	83.6	83.4	83.4	83.2	83.2	83.0	82.7	82.6	82.3	82.5	82.4
1971.....	82.7	82.4	82.4	82.3	82.5	82.1	82.3	82.3	81.7	81.5	81.9	81.2
1972.....	80.7	80.3	80.8	80.8	80.9	80.9	80.3	80.5	80.3	80.5	79.6	79.7
1973.....	78.8	79.3	78.9	78.2	77.8	78.4	78.0	77.5	77.9	77.8	77.7	77.9
1974.....	78.1	78.7	78.3	77.9	77.1	76.8	76.8	77.1	76.7	76.6	76.3	76.5
1975.....	76.6	76.5	75.8	75.9	76.0	75.4	75.9	75.7	75.4	75.1	74.8	74.7
1976.....	74.7	73.8	74.0	74.2	74.1	74.6	74.3	75.0	75.0	74.5	74.0	73.8
1977.....	73.9	73.7	74.1	74.1	73.9	73.9	73.5	73.2	73.4	74.1	73.9	74.0
1978.....	73.1	73.3	73.2	73.3	73.2	73.5	73.4	72.8	73.1	73.1	73.7	73.6
1979.....	74.1	73.5	72.9	72.2	72.5	72.3	72.7	72.9	73.1	72.8	72.4	72.2
1980.....	72.4	72.6	72.2	72.3	72.3	72.4	72.3	72.3	72.0	71.8	71.6	71.6
1981.....	71.4	71.4	71.5	71.2	71.3	70.7	70.7	70.1	70.2	69.7	69.8	70.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 55-64 YEARS												
1970.....	42.3	42.8	43.2	43.1	42.9	43.1	43.2	42.9	43.0	43.5	43.3	43.2
1971.....	43.6	43.4	43.3	42.9	42.5	42.4	41.3	41.9	42.8	43.4	43.8	43.4
1972.....	43.0	42.4	42.0	42.2	42.3	42.2	42.1	42.0	42.3	41.9	41.6	41.3
1973.....	41.3	41.4	41.1	40.9	41.1	40.9	41.3	41.4	41.1	41.1	40.8	40.7
1974.....	40.8	40.9	41.2	41.3	40.9	41.1	41.2	40.7	40.4	39.9	39.5	40.3
1975.....	40.6	40.9	41.0	40.9	41.2	41.1	41.2	40.7	40.9	41.1	40.7	41.0
1976.....	41.0	41.5	41.0	40.8	40.3	40.7	41.2	41.3	40.9	41.0	40.9	41.1
1977.....	40.8	40.7	40.4	40.8	41.5	40.6	40.6	40.4	41.2	41.2	41.3	41.2
1978.....	41.3	41.1	41.0	41.3	41.1	41.3	41.2	41.1	41.6	41.2	41.9	41.6
1979.....	41.8	41.9	42.1	41.4	41.7	41.6	41.5	41.5	41.7	42.2	41.8	41.9
1980.....	41.7	41.7	41.2	41.6	41.4	41.3	41.4	41.7	41.4	41.0	40.9	40.7
1981.....	41.1	41.1	41.4	41.4	41.8	41.6	41.5	41.5	41.1	41.4	41.1	41.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 65 YEARS AND OVER												
1970.....	17.2	17.4	17.6	17.3	17.2	16.8	16.8	16.7	16.5	16.6	16.6	16.7
1971.....	16.9	16.1	16.1	16.3	16.6	16.2	16.3	16.2	16.1	16.0	16.0	16.1
1972.....	15.9	15.8	15.9	15.4	15.5	15.5	15.5	15.7	15.7	15.7	15.1	15.1
1973.....	14.4	14.6	14.8	14.7	14.7	14.8	14.8	14.8	14.4	14.4	14.4	14.2
1974.....	14.1	14.2	14.0	14.1	14.0	14.0	13.9	14.2	14.1	14.2	13.6	13.9
1975.....	13.9	13.9	14.0	14.2	14.1	13.8	13.9	13.6	13.4	13.4	13.4	13.3
1976.....	13.5	13.4	13.3	12.9	13.0	13.0	12.9	13.0	13.2	12.9	13.0	13.2
1977.....	12.7	13.0	12.9	13.0	12.9	12.7	12.7	12.8	13.1	13.2	13.4	13.4
1978.....	13.3	13.1	13.1	13.4	13.4	13.7	13.4	13.2	13.2	13.0	13.1	13.3
1979.....	13.2	13.3	13.2	13.2	13.1	13.1	12.9	13.1	13.0	12.8	12.9	12.9
1980.....	13.0	12.9	12.6	12.5	12.6	12.4	12.5	12.8	12.5	12.3	12.4	12.2
1981.....	12.1	12.2	12.4	12.5	12.4	12.3	12.3	12.2	12.1	12.2	12.0	12.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 65 YEARS AND OVER												
1970.....	27.3	27.6	27.7	27.5	27.4	26.7	26.4	26.2	25.9	26.2	26.1	26.1
1971.....	26.0	25.1	25.2	25.7	26.2	25.8	25.5	25.5	25.4	25.0	25.1	24.9
1972.....	25.2	24.7	24.9	24.1	24.1	24.2	24.3	24.3	24.5	24.2	23.6	23.7
1973.....	22.6	22.6	23.4	22.8	22.9	23.0	23.0	22.8	22.3	22.6	22.5	22.2
1974.....	22.2	22.5	22.2	22.5	22.2	22.3	22.2	22.6	22.5	23.0	21.7	22.3
1975.....	22.2	22.4	22.4	22.5	22.1	21.6	21.9	21.4	21.3	20.8	20.7	20.5
1976.....	20.5	20.5	20.4	20.1	20.0	20.2	19.9	20.1	20.3	19.8	20.0	20.1
1977.....	19.8	19.9	19.4	19.3	19.9	19.7	20.0	19.8	20.0	20.4	20.6	20.7
1978.....	20.4	20.1	20.0	20.4	20.4	21.1	20.4	20.3	20.3	20.3	20.2	20.5
1979.....	20.3	20.3	20.0	20.1	19.9	20.1	19.9	19.9	20.2	19.4	19.7	19.4
1980.....	19.6	19.9	19.2	19.0	19.0	18.8	18.8	19.3	18.7	18.4	18.6	18.5
1981.....	18.4	18.5	18.6	18.9	18.6	18.3	18.3	18.2	18.0	18.2	17.8	18.3
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 65 YEARS AND OVER												
1970.....	9.7	9.8	10.2	9.7	9.6	9.5	9.6	9.6	9.6	9.5	9.6	9.7
1971.....	10.1	9.4	9.4	9.4	9.5	9.2	9.5	9.4	9.2	9.4	9.4	9.8
1972.....	9.2	9.4	9.5	9.2	9.3	9.3	9.3	9.5	9.4	9.6	9.1	9.0
1973.....	8.7	8.9	8.7	9.0	8.9	9.1	9.0	9.2	8.9	8.6	8.8	8.6
1974.....	8.4	8.3	8.2	8.1	8.2	8.2	8.2	8.3	8.2	8.1	7.9	7.9
1975.....	8.1	8.0	8.1	8.4	8.4	8.4	8.4	8.1	8.0	8.3	8.3	8.3
1976.....	8.5	8.5	8.3	8.0	8.2	8.0	8.1	8.1	8.2	8.2	8.2	8.3
1977.....	7.7	8.2	8.3	8.6	8.1	7.8	7.7	7.9	8.2	8.1	8.3	8.3
1978.....	8.4	8.2	8.2	8.5	8.5	8.6	8.5	8.2	8.2	7.9	8.1	8.3
1979.....	8.3	8.5	8.5	8.4	8.3	8.3	8.0	8.3	8.0	8.2	8.3	8.3
1980.....	8.5	8.1	8.0	8.0	8.1	7.9	8.1	8.2	8.1	8.1	8.0	7.8
1981.....	7.7	7.9	8.1	8.0	8.1	8.2	8.2	8.1	8.1	8.0	8.0	7.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE WORKERS												
1970.....	60.2	60.2	60.4	60.4	60.2	60.0	60.2	60.1	60.1	60.3	60.3	60.3
1971.....	60.3	60.0	59.8	60.0	60.1	59.7	59.9	60.1	60.1	60.1	60.4	60.4
1972.....	60.3	60.2	60.4	60.4	60.4	60.4	60.4	60.6	60.5	60.5	60.3	60.4
1973.....	60.1	60.5	60.8	60.8	60.7	61.1	60.8	60.7	60.9	61.0	61.2	61.2
1974.....	61.3	61.4	61.4	61.2	61.3	61.4	61.5	61.3	61.5	61.4	61.5	61.4
1975.....	61.6	61.2	61.4	61.5	61.7	61.4	61.6	61.5	61.5	61.5	61.3	61.3
1976.....	61.5	61.5	61.5	61.7	61.8	61.8	62.1	62.1	61.9	61.9	62.0	62.1
1977.....	61.9	62.2	62.3	62.4	62.5	62.7	62.4	62.5	62.5	62.7	63.0	62.8
1978.....	62.9	62.9	62.8	63.1	63.2	63.4	63.3	63.3	63.4	63.5	63.6	63.8
1979.....	63.9	64.0	63.9	63.6	63.6	63.7	63.9	63.8	64.0	63.9	64.0	64.2
1980.....	64.3	64.3	64.0	64.1	64.3	64.1	64.1	64.0	64.0	64.0	64.1	63.9
1981.....	64.2	64.3	64.3	64.5	64.8	64.2	64.3	64.2	64.0	64.2	64.3	64.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE MALES 16-19 YEARS												
1970.....	57.3	57.5	58.1	57.0	57.8	56.4	57.5	56.6	57.7	57.1	57.8	58.4
1971.....	58.3	57.7	56.4	57.9	57.9	55.6	59.0	58.3	57.4	58.2	59.2	59.2
1972.....	59.8	59.5	60.0	59.5	59.2	59.6	58.8	61.4	60.7	60.6	60.5	60.9
1973.....	59.3	61.0	62.4	61.8	60.5	62.6	62.1	61.1	62.6	63.3	63.4	63.1
1974.....	63.4	63.3	63.0	62.4	62.8	64.0	62.5	61.8	63.8	62.8	62.8	62.6
1975.....	62.8	62.2	62.2	61.4	62.1	62.3	62.6	62.0	61.9	61.1	61.0	61.1
1976.....	62.3	62.1	61.9	63.5	62.4	61.7	62.9	63.5	61.3	62.2	61.9	62.2
1977.....	61.9	63.2	63.4	64.2	64.7	65.3	63.7	64.2	63.3	64.7	65.3	64.3
1978.....	64.6	64.2	64.1	64.0	64.5	65.8	64.6	67.2	65.2	65.9	65.0	64.9
1979.....	65.8	64.8	65.0	64.6	64.1	65.0	64.8	63.5	65.2	63.7	64.7	65.9
1980.....	64.7	64.5	65.2	63.7	64.5	64.3	64.4	62.9	62.2	63.4	62.8	62.3
1981.....	63.7	64.2	63.5	63.6	63.4	60.2	60.7	61.7	61.9	62.3	62.7	61.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE FEMALES 16-19 YEARS												
1970.....	46.0	45.9	45.7	45.8	45.2	43.9	44.7	46.2	46.9	46.5	45.5	44.6
1971.....	45.9	45.8	45.4	45.1	44.9	43.5	45.4	46.8	45.5	44.9	46.0	46.2
1972.....	47.4	47.5	47.7	48.7	48.0	48.4	48.3	48.5	47.5	47.9	48.6	49.3
1973.....	47.3	49.0	49.4	50.3	50.2	50.8	48.6	49.6	50.5	51.5	51.8	51.9
1974.....	51.5	52.0	51.7	50.9	50.6	51.7	51.7	50.9	52.9	52.9	52.5	51.7
1975.....	52.6	50.9	51.4	50.9	51.9	50.7	51.6	51.9	51.7	51.3	51.1	51.9
1976.....	51.7	52.1	52.3	52.7	53.5	52.9	54.4	53.3	52.7	53.0	53.0	52.3
1977.....	53.0	54.4	54.8	54.6	53.5	55.2	54.5	56.3	54.4	54.6	55.2	54.0
1978.....	55.0	55.0	54.9	56.3	57.4	56.9	57.3	58.1	57.2	57.1	57.3	57.6
1979.....	57.8	58.0	58.2	57.3	56.9	57.2	57.0	56.0	57.0	57.8	57.8	58.0
1980.....	57.6	56.3	55.8	55.2	56.6	56.1	56.8	55.3	56.4	56.5	56.2	56.3
1981.....	55.9	56.4	55.9	56.9	56.7	54.4	55.2	55.8	55.1	54.1	54.4	53.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE MALES 20 YEARS AND OVER												
1970.....	82.8	83.0	83.0	83.1	83.0	82.8	82.7	82.6	82.6	82.7	82.7	82.6
1971.....	82.4	82.2	82.1	82.4	82.6	82.3	82.4	82.4	82.3	82.1	82.2	82.2
1972.....	82.1	81.9	82.1	82.0	81.9	82.1	82.0	82.0	82.0	82.0	81.7	81.8
1973.....	81.5	81.7	81.9	81.6	81.5	81.7	81.6	81.4	81.3	81.4	81.5	81.6
1974.....	81.9	81.9	81.6	81.3	81.5	81.3	81.1	81.3	81.3	81.4	81.3	81.1
1975.....	80.8	80.7	80.8	80.9	81.2	80.8	80.9	80.8	80.7	80.5	80.3	80.0
1976.....	80.1	80.1	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.3	80.4	80.2
1977.....	80.0	80.2	80.0	80.1	80.1	80.3	80.0	80.1	80.0	80.3	80.4	80.4
1978.....	80.2	80.2	80.1	80.2	80.2	80.3	80.1	80.0	79.8	79.9	80.2	80.3
1979.....	80.6	80.7	80.3	80.2	80.0	80.1	80.1	80.0	80.1	79.9	79.9	79.9
1980.....	80.1	80.3	79.9	80.0	80.3	79.9	79.8	79.8	79.7	79.7	79.8	79.6
1981.....	79.6	79.6	79.7	79.9	80.1	79.5	79.5	79.4	79.3	79.3	79.3	79.3
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE FEMALES 20 YEARS AND OVER												
1970.....	42.0	42.1	42.3	42.4	41.9	42.1	42.5	42.3	41.9	42.4	42.5	42.5
1971.....	42.7	42.3	42.2	42.1	42.1	41.9	41.8	42.1	42.3	42.4	42.8	42.9
1972.....	42.6	42.4	42.7	42.7	42.8	42.6	42.8	43.0	42.8	42.8	42.6	42.7
1973.....	42.6	43.0	43.1	43.3	43.4	43.7	43.6	43.5	43.7	43.7	44.0	43.8
1974.....	43.8	44.1	44.3	44.3	44.3	44.4	45.0	44.6	44.6	44.4	44.7	44.8
1975.....	45.2	44.9	45.1	45.3	45.4	45.2	45.4	45.4	45.3	45.5	45.4	45.6
1976.....	45.8	45.8	45.8	45.9	46.0	46.2	46.4	46.5	46.3	46.4	46.6	46.8
1977.....	46.6	46.8	47.1	47.2	47.4	47.4	47.3	47.2	47.6	47.6	48.0	47.8
1978.....	48.1	48.0	48.0	48.4	48.5	48.7	48.8	48.5	49.0	49.2	49.2	49.4
1979.....	49.3	49.6	49.6	49.3	49.5	49.5	49.8	50.1	50.2	50.2	50.2	50.5
1980.....	50.6	50.6	50.5	50.7	50.6	50.6	50.6	50.7	50.7	50.7	50.8	50.7
1981.....	51.1	51.2	51.3	51.5	51.9	51.7	51.8	51.6	51.2	51.7	51.8	51.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER WORKERS												
1970.....	62.7	62.0	62.1	62.1	62.1	62.2	61.7	61.7	61.6	61.2	61.4	61.3
1971.....	61.3	61.1	61.1	60.8	61.2	60.1	61.2	61.0	61.3	61.3	60.9	60.1
1972.....	59.8	60.1	60.3	59.7	60.4	60.5	60.1	60.2	60.0	60.1	60.4	60.3
1973.....	59.4	60.5	60.6	60.4	60.0	60.0	60.9	60.6	60.7	60.8	60.8	60.8
1974.....	61.2	60.8	60.4	59.9	60.1	60.2	60.0	60.1	60.5	60.6	59.9	59.7
1975.....	59.6	59.5	59.4	59.4	59.7	59.7	59.3	59.8	60.2	59.9	59.6	59.3
1976.....	59.4	59.6	59.7	60.1	59.7	59.5	59.6	60.0	59.7	59.7	60.4	60.2
1977.....	59.6	59.9	59.9	59.7	59.9	60.6	60.0	60.8	60.5	60.6	61.2	61.7
1978.....	61.5	61.5	62.1	61.9	62.2	62.4	62.3	62.3	62.5	62.4	62.5	62.2
1979.....	61.7	62.1	62.4	62.1	61.8	62.2	62.3	62.3	62.4	62.8	62.1	62.1
1980.....	61.7	61.5	61.0	61.1	61.8	61.5	62.3	62.0	62.0	62.1	61.9	61.5
1981.....	61.1	60.8	61.4	61.7	61.6	61.0	60.8	61.3	61.3	61.6	61.5	61.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER MALES 16-19 YEARS												
1970.....	51.2	50.6	49.9	49.3	46.8	48.7	43.5	44.6	46.4	45.7	44.7	46.6
1971.....	46.1	45.9	45.2	44.7	44.7	41.2	45.7	44.7	43.7	46.0	45.3	43.3
1972.....	43.0	45.6	45.8	44.6	46.3	48.0	45.6	49.4	44.6	44.4	47.0	48.0
1973.....	44.2	46.2	45.7	47.6	46.3	45.5	46.7	45.3	47.1	47.0	47.1	47.3
1974.....	50.8	47.0	48.6	45.1	44.3	46.7	47.0	46.4	48.4	49.4	47.5	45.3
1975.....	44.7	46.0	43.5	44.5	43.0	44.3	41.1	41.5	41.9	42.4	40.8	40.9
1976.....	43.2	42.5	42.8	43.2	42.1	38.7	39.6	42.1	42.2	43.4	43.3	44.1
1977.....	41.2	41.0	40.6	38.4	40.3	43.9	45.0	49.3	44.2	45.1	46.9	47.3
1978.....	45.6	46.4	45.8	45.3	43.9	44.8	48.1	44.5	43.6	45.3	46.9	46.0
1979.....	44.5	46.5	46.2	44.3	44.6	43.7	42.1	45.9	44.1	43.7	42.2	41.4
1980.....	42.7	42.3	41.3	40.6	43.6	43.7	44.9	40.9	46.5	46.1	45.8	44.1
1981.....	45.6	41.8	41.2	44.0	44.0	40.2	40.0	41.7	39.8	39.5	40.8	41.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER FEMALES 16-19 YEARS												
1970.....	36.0	34.9	32.1	33.9	34.4	35.4	32.3	33.3	33.4	34.3	36.5	32.2
1971.....	30.4	30.6	33.1	32.6	31.7	27.2	32.9	29.5	32.2	31.2	30.4	33.8
1972.....	33.8	32.4	33.2	32.5	31.2	30.5	32.6	33.3	31.6	32.0	32.7	31.8
1973.....	31.2	34.8	33.2	34.8	33.0	37.8	35.3	35.2	37.0	32.5	33.7	34.1
1974.....	34.7	33.6	33.7	32.6	35.0	35.4	35.1	33.0	35.1	35.2	32.4	33.6
1975.....	34.8	36.2	34.5	35.6	36.8	34.8	35.4	34.8	37.1	36.3	34.7	36.4
1976.....	35.4	34.6	35.8	35.6	34.1	30.8	32.9	35.4	31.9	31.8	33.3	30.9
1977.....	32.4	31.4	31.7	33.2	29.5	35.7	33.4	34.8	35.1	35.6	35.4	35.5
1978.....	35.4	35.7	36.5	36.1	38.2	39.6	40.9	39.8	38.5	38.0	38.4	38.9
1979.....	38.3	39.9	37.1	41.0	36.9	36.8	37.9	34.8	36.6	38.2	37.5	39.3
1980.....	37.6	39.6	36.7	34.3	36.8	35.5	37.3	35.2	36.3	33.8	33.6	34.2
1981.....	36.0	33.4	35.6	36.2	34.7	34.1	33.1	31.5	33.8	37.4	35.0	33.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1970.....	82.5	81.5	81.1	80.9	81.3	81.4	82.0	81.9	81.5	80.9	80.8	81.2
1971.....	81.3	80.2	80.3	80.2	79.8	79.9	80.0	79.9	80.3	80.0	79.7	78.6
1972.....	77.3	78.6	78.8	78.3	78.7	79.3	79.2	78.9	78.6	78.7	78.4	78.4
1973.....	77.0	78.3	78.7	78.6	78.4	78.5	79.2	78.7	78.6	79.6	79.2	79.0
1974.....	79.4	79.4	78.7	78.0	78.0	78.2	77.4	77.8	77.4	77.6	77.6	77.2
1975.....	77.1	76.5	76.3	76.2	76.8	76.6	77.2	77.8	78.0	76.9	76.9	76.1
1976.....	75.1	75.3	74.8	75.9	76.3	76.6	76.2	76.5	76.3	76.3	76.7	76.7
1977.....	76.2	76.6	76.5	75.8	76.3	77.0	76.1	76.3	75.0	75.9	76.3	76.7
1978.....	76.7	76.4	76.7	76.8	77.3	77.3	76.8	76.6	77.4	77.4	77.7	77.4
1979.....	76.4	76.8	76.8	76.6	76.5	77.3	77.7	77.5	78.0	77.8	76.7	76.7
1980.....	75.9	75.9	75.1	75.6	75.3	75.8	76.6	76.6	76.4	76.2	76.1	75.4
1981.....	74.5	74.6	74.9	75.0	75.3	74.5	74.5	75.5	75.5	75.5	75.1	75.2

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1970.....	52.0	51.4	52.4	52.6	52.3	52.3	51.8	51.6	51.4	51.1	51.3	51.2
1971.....	51.5	51.9	51.6	51.3	52.5	51.3	52.1	52.3	52.3	52.5	52.0	51.2
1972.....	51.7	51.1	51.2	50.7	51.6	51.5	50.7	50.5	51.1	51.3	51.8	51.5
1973.....	51.3	51.7	52.0	51.0	50.8	50.3	51.7	51.7	51.6	51.7	51.8	51.9
1974.....	51.7	51.5	51.0	51.1	51.5	51.1	51.5	51.6	52.1	52.0	51.4	51.3
1975.....	51.2	50.8	51.5	51.2	51.4	51.7	50.8	51.5	51.7	52.0	51.8	51.5
1976.....	52.3	52.8	53.2	53.1	52.3	52.7	52.7	52.7	52.7	52.6	53.5	53.1
1977.....	52.6	53.0	53.0	53.3	53.6	53.2	52.7	53.5	54.7	53.8	54.6	55.2
1978.....	55.0	55.0	55.9	55.5	55.7	55.8	55.3	56.1	56.4	55.9	55.7	55.3
1979.....	55.1	55.3	56.2	55.5	55.5	55.8	55.7	55.9	55.7	56.4	56.1	56.0
1980.....	55.9	55.3	55.3	55.6	56.4	55.6	56.2	56.4	55.8	56.5	56.3	56.0
1981.....	55.5	55.6	56.3	56.4	56.1	56.1	55.9	56.0	56.0	56.1	56.4	56.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK WORKERS												
1972.....	59.6	59.7	59.9	59.7	60.1	60.6	59.8	59.9	59.8	59.6	60.1	60.1
1973.....	59.0	60.9	60.9	60.3	59.7	59.8	60.8	60.3	60.3	60.4	60.5	60.4
1974.....	60.8	60.3	59.4	59.6	59.9	59.7	59.3	59.4	60.0	60.2	59.5	59.2
1975.....	59.2	58.7	59.0	58.6	58.9	59.0	58.6	59.0	59.1	58.6	58.5	58.5
1976.....	58.9	58.9	59.1	59.8	58.8	58.9	58.7	59.4	58.7	58.6	59.5	59.3
1977.....	59.1	59.6	59.5	59.3	59.5	60.0	59.3	60.3	59.9	59.8	60.3	61.2
1978.....	61.2	61.2	61.4	61.3	61.5	61.7	61.5	61.4	61.6	61.5	61.6	61.5
1979.....	61.1	61.8	61.6	61.2	61.0	61.4	61.6	61.4	61.4	61.7	61.4	61.2
1980.....	61.2	61.0	60.4	60.6	61.2	60.8	61.5	61.2	61.0	61.1	61.1	60.9
1981.....	60.9	60.6	61.0	61.3	61.2	60.6	60.2	60.6	60.9	61.0	61.0	61.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK MALES 16-19 YEARS												
1972.....	43.3	44.6	43.8	46.0	47.9	49.2	46.3	49.3	44.8	45.0	46.4	48.0
1973.....	41.9	55.6	53.2	47.8	46.8	43.5	46.0	44.1	47.5	47.8	46.7	46.6
1974.....	49.1	46.3	48.1	44.8	45.4	46.2	46.6	44.7	47.8	49.1	46.8	45.8
1975.....	44.6	44.9	43.8	44.7	43.3	45.1	41.6	39.0	41.1	41.3	39.8	40.6
1976.....	42.9	41.4	41.0	45.6	41.3	37.2	39.4	42.6	41.8	42.4	41.3	42.9
1977.....	39.8	39.6	39.4	37.2	40.2	43.7	45.5	49.0	44.2	45.4	47.2	47.7
1978.....	45.7	46.3	45.7	44.9	44.5	44.1	47.9	43.4	43.0	43.8	45.5	44.5
1979.....	44.0	46.9	46.5	44.1	44.9	43.2	42.2	45.2	42.8	42.5	40.8	40.3
1980.....	42.0	41.2	41.2	40.8	43.7	43.8	44.5	39.7	45.9	45.2	45.3	44.4
1981.....	46.7	43.0	41.0	44.6	44.1	39.7	39.4	40.2	40.2	39.0	40.2	41.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK FEMALES 16-19 YEARS												
1972.....	34.5	32.2	33.5	32.1	29.9	31.3	31.6	32.5	32.1	32.4	32.5	32.6
1973.....	31.0	34.2	33.2	34.8	32.6	37.8	35.6	34.4	36.5	32.9	34.3	34.0
1974.....	34.1	33.2	32.5	31.8	34.4	35.3	34.6	31.5	33.8	34.9	32.2	32.3
1975.....	34.1	34.5	34.1	34.5	35.0	32.6	32.8	33.5	35.4	34.9	33.8	36.0
1976.....	34.6	34.1	36.1	34.6	33.3	31.3	31.8	34.5	31.1	30.7	32.8	29.9
1977.....	32.1	30.9	30.2	32.3	29.4	35.8	31.7	34.0	34.9	34.2	33.9	34.7
1978.....	35.3	34.7	36.0	35.1	37.0	39.3	38.8	39.2	37.8	37.5	38.0	38.8
1979.....	37.0	38.4	35.7	39.9	35.9	36.0	36.6	34.0	35.3	37.4	36.9	38.5
1980.....	36.8	38.0	35.7	32.5	36.1	35.3	36.6	33.8	35.1	32.9	32.5	34.0
1981.....	35.3	32.7	35.6	34.9	34.6	33.2	31.6	31.1	33.7	37.4	34.7	33.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK MALES 20 YEARS AND OVER												
1972.....	77.6	78.3	78.7	78.6	78.7	79.4	78.8	78.7	78.6	78.1	78.1	78.0
1973.....	77.4	78.4	79.1	78.6	78.1	78.3	78.7	78.3	77.7	78.7	78.5	78.5
1974.....	79.4	79.0	78.5	78.0	77.8	77.6	76.6	77.0	77.0	77.4	77.2	76.7
1975.....	76.9	75.7	75.8	75.3	75.9	75.8	76.3	77.2	77.0	75.8	75.8	75.2
1976.....	74.8	74.8	74.2	75.5	75.3	75.9	75.4	75.7	75.3	75.1	76.0	75.9
1977.....	76.1	76.5	76.4	75.7	75.5	76.0	75.1	75.7	74.4	75.0	75.4	75.8
1978.....	76.6	76.1	76.4	76.5	76.4	76.2	75.8	75.2	76.0	76.1	76.7	76.5
1979.....	75.9	76.1	76.2	75.7	75.8	76.5	76.8	76.6	76.8	76.7	75.8	75.9
1980.....	75.7	75.5	74.7	75.3	75.0	75.0	75.6	75.8	75.2	74.9	74.9	74.4
1981.....	74.2	74.1	74.6	74.7	75.5	74.3	73.9	74.5	74.9	74.7	74.6	74.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK FEMALES 20 YEARS AND OVER												
1972.....	51.2	50.9	51.1	50.7	51.6	51.7	50.7	50.6	51.0	50.9	51.8	51.5
1973.....	51.0	51.8	51.8	51.4	50.9	50.6	52.4	52.2	51.7	51.8	52.0	51.8
1974.....	51.7	51.4	49.9	51.3	51.6	51.0	51.8	51.6	52.2	51.8	51.2	51.1
1975.....	51.0	50.8	51.5	50.9	51.2	51.5	50.7	51.1	51.0	51.0	51.1	51.1
1976.....	52.1	52.5	53.0	53.1	52.2	52.6	52.4	52.5	51.9	52.0	52.8	52.7
1977.....	52.3	53.3	53.1	53.3	53.8	53.2	52.7	53.6	54.2	53.6	54.1	55.4
1978.....	54.9	55.2	55.3	55.2	55.6	55.9	55.3	55.9	56.1	55.7	55.3	55.2
1979.....	55.1	55.7	55.8	55.1	55.0	55.3	55.5	55.3	55.2	55.7	55.3	55.4
1980.....	55.6	55.3	55.0	55.4	56.0	55.2	55.9	56.1	55.2	56.1	56.0	56.0
1981.....	55.7	55.9	56.1	56.4	55.7	56.1	55.7	56.1	55.9	56.1	56.4	56.2

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - ALL CIVILIAN WORKERS												
1970.....	78,780	78,698	78,863	78,930	78,564	78,413	78,726	78,624	78,498	78,685	78,650	78,594
1971.....	78,864	78,700	78,588	78,987	79,139	78,757	79,305	79,539	79,689	79,918	80,297	80,471
1972.....	80,959	81,108	81,573	81,655	81,887	82,083	82,230	82,578	82,543	82,616	82,990	83,400
1973.....	83,161	83,912	84,452	84,559	84,648	85,185	85,299	85,204	85,488	85,987	86,320	86,401
1974.....	86,555	86,754	86,819	86,669	86,891	86,941	87,149	87,037	87,051	86,995	86,626	86,144
1975.....	85,627	85,256	85,187	85,189	85,451	85,355	85,894	86,234	86,279	86,370	86,456	86,665
1976.....	87,400	87,672	87,985	88,416	88,794	88,563	89,093	89,223	89,173	89,274	89,634	89,803
1977.....	89,928	90,342	90,808	91,271	91,754	91,959	92,084	92,441	92,702	93,052	93,761	94,105
1978.....	94,374	94,502	94,736	95,372	95,771	96,336	96,108	96,474	96,694	97,146	97,475	97,593
1979.....	97,930	98,273	98,416	98,038	98,324	98,684	99,054	98,853	99,428	99,431	99,570	99,957
1980.....	99,833	99,913	99,607	99,112	98,963	98,785	98,891	98,920	99,208	99,328	99,534	99,632
1981.....	99,901	100,069	100,406	100,878	101,045	100,430	100,864	100,840	100,258	100,343	100,172	99,613
EMPLOYED - MALES												
1970.....	49,112	49,089	49,197	49,080	49,075	48,827	48,907	48,850	48,928	48,855	48,950	48,933
1971.....	48,960	48,922	48,911	49,284	49,381	49,151	49,536	49,556	49,563	49,652	49,815	49,852
1972.....	50,078	50,174	50,495	50,560	50,678	50,946	51,029	51,208	51,198	51,196	51,364	51,608
1973.....	51,518	51,816	52,164	52,080	52,003	52,336	52,536	52,376	52,502	52,785	52,910	53,058
1974.....	53,302	53,228	53,157	52,953	53,165	53,084	52,990	53,023	53,072	53,045	52,871	52,437
1975.....	51,967	51,789	51,632	51,544	51,696	51,509	51,844	52,020	52,005	51,998	52,066	52,111
1976.....	52,478	52,670	52,771	53,071	53,144	52,922	53,254	53,421	53,399	53,471	53,486	53,579
1977.....	53,717	53,884	54,081	54,327	54,471	54,733	54,807	54,945	54,974	55,325	55,655	55,845
1978.....	55,852	55,810	55,859	56,153	56,373	56,713	56,561	56,704	56,649	56,822	57,143	57,098
1979.....	57,401	57,515	57,416	57,335	57,450	57,705	57,738	57,577	57,871	57,740	57,722	57,892
1980.....	57,711	57,888	57,631	57,149	57,015	56,824	56,828	56,772	56,906	57,091	57,185	57,285
1981.....	57,323	57,331	57,531	57,792	57,793	57,279	57,640	57,551	57,471	57,266	57,051	56,725
EMPLOYED - FEMALES												
1970.....	29,668	29,609	29,666	29,850	29,489	29,586	29,819	29,774	29,570	29,830	29,700	29,661
1971.....	29,904	29,778	29,677	29,703	29,758	29,606	29,769	29,983	30,126	30,266	30,482	30,619
1972.....	30,881	30,934	31,078	31,095	31,209	31,137	31,201	31,370	31,345	31,420	31,626	31,792
1973.....	31,643	32,096	32,288	32,479	32,645	32,849	32,763	32,828	32,986	33,202	33,410	33,343
1974.....	33,253	33,526	33,662	33,716	33,726	33,857	34,159	34,014	33,979	33,950	33,755	33,707
1975.....	33,660	33,467	33,555	33,645	33,755	33,846	34,050	34,214	34,274	34,372	34,390	34,554
1976.....	34,922	35,002	35,214	35,345	35,650	35,641	35,839	35,802	35,774	35,803	36,148	36,224
1977.....	36,211	36,458	36,727	36,944	37,283	37,226	37,277	37,496	37,728	37,727	38,106	38,260
1978.....	38,522	38,692	38,877	39,219	39,398	39,623	39,547	39,770	40,045	40,324	40,332	40,495
1979.....	40,529	40,758	41,000	40,703	40,874	40,979	41,316	41,276	41,557	41,691	41,848	42,065
1980.....	42,122	42,025	41,976	41,963	41,948	41,961	42,063	42,148	42,302	42,237	42,349	42,347
1981.....	42,578	42,738	42,875	43,086	43,252	43,151	43,224	43,289	42,787	43,077	43,121	42,888
EMPLOYED - BOTH SEXES 16-19 YEARS												
1970.....	6,218	6,243	6,262	6,137	6,159	5,955	6,127	6,118	6,179	6,119	6,090	6,090
1971.....	6,164	6,205	6,101	6,214	6,166	5,865	6,251	6,327	6,209	6,248	6,367	6,400
1972.....	6,532	6,492	6,626	6,678	6,753	6,761	6,761	6,875	6,732	6,824	6,894	6,955
1973.....	6,864	7,033	7,225	7,157	7,148	7,436	7,255	7,273	7,370	7,471	7,485	7,508
1974.....	7,555	7,551	7,540	7,440	7,428	7,483	7,397	7,425	7,504	7,466	7,369	7,255
1975.....	7,198	7,114	7,077	7,020	7,133	6,983	7,050	7,029	7,174	7,084	7,118	7,131
1976.....	7,213	7,271	7,307	7,368	7,454	7,286	7,523	7,369	7,298	7,338	7,320	7,290
1977.....	7,318	7,507	7,531	7,616	7,623	7,737	7,738	7,887	7,659	7,819	7,909	7,945
1978.....	7,899	7,825	7,812	7,937	8,123	8,264	8,140	8,323	8,117	8,165	8,130	8,098
1979.....	8,178	8,187	8,192	8,070	8,022	8,151	8,113	7,861	8,042	8,003	8,079	8,127
1980.....	8,010	7,917	7,938	7,755	7,713	7,683	7,684	7,455	7,640	7,605	7,544	7,570
1981.....	7,530	7,475	7,423	7,522	7,424	7,076	7,180	7,208	7,139	7,025	6,940	6,778
EMPLOYED - MALES 16-19 YEARS												
1970.....	3,458	3,462	3,529	3,401	3,409	3,273	3,391	3,355	3,393	3,347	3,410	3,467
1971.....	3,433	3,467	3,391	3,495	3,464	3,272	3,536	3,515	3,473	3,520	3,606	3,572
1972.....	3,607	3,574	3,674	3,697	3,728	3,799	3,785	3,887	3,804	3,842	3,835	3,861
1973.....	3,817	3,932	4,047	3,982	3,935	4,092	4,084	4,023	4,094	4,154	4,146	4,156
1974.....	4,195	4,171	4,171	4,100	4,126	4,138	4,107	4,073	4,094	4,086	4,038	3,979
1975.....	3,881	3,862	3,856	3,785	3,861	3,755	3,794	3,781	3,879	3,833	3,863	3,845
1976.....	3,886	3,949	3,935	3,974	3,951	3,912	4,018	4,004	3,914	3,947	3,925	3,980
1977.....	3,979	4,046	4,050	4,142	4,191	4,189	4,210	4,200	4,149	4,279	4,339	4,353
1978.....	4,320	4,240	4,224	4,252	4,322	4,471	4,366	4,464	4,354	4,371	4,342	4,289
1979.....	4,344	4,314	4,310	4,282	4,272	4,388	4,339	4,214	4,322	4,246	4,277	4,338
1980.....	4,250	4,243	4,303	4,159	4,091	4,076	4,059	3,904	3,995	3,986	3,970	3,973
1981.....	3,981	3,948	3,913	3,972	3,909	3,682	3,766	3,760	3,778	3,762	3,697	3,603
EMPLOYED - FEMALES 16-19 YEARS												
1970.....	2,760	2,781	2,733	2,736	2,750	2,682	2,736	2,763	2,786	2,772	2,680	2,623
1971.....	2,731	2,738	2,710	2,719	2,702	2,593	2,715	2,812	2,736	2,728	2,761	2,828
1972.....	2,925	2,918	2,952	2,981	3,025	2,962	2,976	2,988	2,928	2,982	3,059	3,094
1973.....	3,047	3,101	3,178	3,175	3,213	3,344	3,171	3,250	3,276	3,317	3,339	3,352
1974.....	3,360	3,380	3,369	3,340	3,302	3,345	3,290	3,352	3,410	3,380	3,331	3,276
1975.....	3,317	3,252	3,221	3,235	3,272	3,228	3,256	3,248	3,295	3,251	3,255	3,286
1976.....	3,327	3,322	3,372	3,394	3,503	3,374	3,505	3,365	3,384	3,391	3,395	3,310
1977.....	3,339	3,461	3,481	3,474	3,432	3,548	3,528	3,687	3,510	3,540	3,570	3,592
1978.....	3,579	3,585	3,588	3,685	3,801	3,793	3,774	3,859	3,763	3,794	3,789	3,809
1979.....	3,834	3,873	3,882	3,788	3,750	3,763	3,774	3,647	3,720	3,757	3,802	3,789
1980.....	3,760	3,674	3,635	3,596	3,622	3,607	3,625	3,551	3,645	3,619	3,574	3,597
1981.....	3,549	3,527	3,510	3,550	3,515	3,394	3,414	3,448	3,361	3,263	3,243	3,175

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - BOTH SEXES 20 YEARS AND OVER												
1970.....	72,562	72,455	72,601	72,793	72,405	72,458	72,599	72,506	72,319	72,566	72,560	72,504
1971.....	72,700	72,495	72,487	72,773	72,973	72,892	73,054	73,212	73,480	73,670	73,930	74,071
1972.....	74,427	74,616	74,947	74,977	75,134	75,322	75,469	75,703	75,811	75,792	76,096	76,445
1973.....	76,297	76,879	77,227	77,402	77,500	77,749	78,044	77,931	78,118	78,516	78,835	78,893
1974.....	79,000	79,203	79,279	79,229	79,463	79,458	79,752	79,612	79,547	79,529	79,257	78,889
1975.....	78,429	78,142	78,110	78,169	78,318	78,372	78,844	79,205	79,105	79,286	79,338	79,534
1976.....	80,187	80,401	80,678	81,048	81,340	81,277	81,570	81,854	81,875	81,936	82,314	82,513
1977.....	82,610	82,835	83,277	83,655	84,131	84,222	84,346	84,554	85,043	85,233	85,852	86,160
1978.....	86,475	86,677	86,924	87,435	87,648	88,072	87,968	88,151	88,577	88,981	89,345	89,495
1979.....	89,752	90,086	90,224	89,968	90,302	90,533	90,941	90,992	91,386	91,428	91,491	91,830
1980.....	91,823	91,996	91,669	91,357	91,250	91,102	91,207	91,465	91,568	91,723	91,990	92,062
1981.....	92,371	92,594	92,983	93,356	93,621	93,354	93,684	93,632	93,119	93,318	93,232	92,835
EMPLOYED - MALES 20 YEARS AND OVER												
1970.....	45,654	45,627	45,668	45,679	45,666	45,554	45,516	45,495	45,535	45,508	45,540	45,466
1971.....	45,527	45,455	45,520	45,789	45,917	45,879	46,000	46,041	46,090	46,132	46,209	46,280
1972.....	46,471	46,600	46,821	46,863	46,950	47,147	47,244	47,321	47,394	47,354	47,529	47,747
1973.....	47,701	47,884	48,117	48,098	48,068	48,244	48,452	48,353	48,408	48,631	48,764	48,902
1974.....	49,107	49,057	48,986	48,853	49,039	48,946	48,883	48,950	48,978	48,959	48,833	48,458
1975.....	48,086	47,927	47,776	47,759	47,835	47,754	48,050	48,239	48,126	48,165	48,203	48,266
1976.....	48,592	48,721	48,836	49,097	49,193	49,010	49,236	49,417	49,485	49,524	49,561	49,599
1977.....	49,738	49,838	50,031	50,185	50,280	50,544	50,597	50,745	50,825	51,046	51,316	51,492
1978.....	51,532	51,570	51,635	51,901	52,051	52,242	52,195	52,240	52,295	52,451	52,801	52,809
1979.....	53,057	53,201	53,106	53,053	53,178	53,317	53,399	53,363	53,549	53,494	53,445	53,554
1980.....	53,461	53,645	53,328	52,990	52,924	52,748	52,769	52,868	52,911	53,105	53,215	53,312
1981.....	53,342	53,383	53,618	53,820	53,884	53,597	53,874	53,791	53,693	53,504	53,354	53,122
EMPLOYED - FEMALES 20 YEARS AND OVER												
1970.....	26,908	26,828	26,933	27,114	26,739	26,904	27,083	27,011	26,784	27,058	27,020	27,038
1971.....	27,173	27,040	26,967	26,984	27,056	27,013	27,054	27,171	27,390	27,538	27,721	27,791
1972.....	27,956	28,016	28,126	28,114	28,184	28,175	28,225	28,382	28,417	28,438	28,567	28,698
1973.....	28,596	28,995	29,110	29,304	29,432	29,505	29,592	29,578	29,710	29,885	30,071	29,991
1974.....	29,893	30,146	30,293	30,376	30,424	30,512	30,869	30,662	30,569	30,570	30,424	30,431
1975.....	30,343	30,215	30,334	30,410	30,483	30,618	30,799	30,966	30,979	31,121	31,135	31,268
1976.....	31,595	31,680	31,842	31,951	32,147	32,267	32,334	32,437	32,390	32,412	32,753	32,914
1977.....	32,872	32,997	33,246	33,470	33,851	33,678	33,749	33,809	34,218	34,187	34,536	34,668
1978.....	34,943	35,107	35,289	35,534	35,597	35,830	35,773	35,911	36,282	36,530	36,544	36,686
1979.....	36,695	36,885	37,118	36,915	37,124	37,216	37,216	37,629	37,837	37,934	38,046	38,276
1980.....	38,362	38,351	38,341	38,367	38,326	38,354	38,438	38,597	38,657	38,618	38,775	38,750
1981.....	39,029	39,211	39,365	39,536	39,737	39,757	39,810	39,841	39,426	39,814	39,878	39,713
EMPLOYED - BOTH SEXES 25 YEARS AND OVER												
1970.....	62,964	62,894	62,977	63,146	62,724	62,824	62,836	62,768	62,503	62,691	62,693	62,581
1971.....	62,791	62,616	62,565	62,683	62,867	62,868	62,712	62,892	63,081	63,242	63,530	63,510
1972.....	63,869	63,906	64,225	64,155	64,246	64,303	64,417	64,576	64,700	64,613	64,758	65,050
1973.....	64,867	65,279	65,497	65,629	65,750	65,922	66,157	66,091	66,286	66,463	66,682	66,734
1974.....	67,072	67,163	67,178	67,094	67,339	67,406	67,634	67,502	67,402	67,314	67,056	66,842
1975.....	66,515	66,335	66,350	66,408	66,518	66,578	66,961	67,157	67,188	67,383	67,411	67,424
1976.....	68,015	68,070	68,293	68,489	68,697	68,770	68,838	69,178	69,281	69,342	69,500	69,681
1977.....	69,714	69,912	70,239	70,626	71,069	71,027	71,144	71,232	71,702	71,895	72,384	72,621
1978.....	72,941	73,156	73,329	73,689	73,781	74,135	74,117	74,036	74,562	74,841	75,198	75,310
1979.....	75,523	75,748	75,871	75,617	76,017	76,222	76,597	76,667	76,993	77,153	77,054	77,534
1980.....	77,569	77,705	77,437	77,278	77,215	77,226	77,261	77,470	77,561	77,660	77,831	77,914
1981.....	78,180	78,424	78,807	79,180	79,462	79,330	79,464	79,453	79,028	79,228	79,202	78,881
EMPLOYED - MALES 25 YEARS AND OVER												
1970.....	40,510	40,498	40,510	40,507	40,453	40,357	40,282	40,240	40,228	40,222	40,188	40,091
1971.....	40,120	40,077	40,095	40,229	40,362	40,351	40,368	40,377	40,425	40,394	40,495	40,463
1972.....	40,608	40,662	40,858	40,849	40,917	40,970	41,067	41,101	41,154	41,083	41,202	41,363
1973.....	41,254	41,401	41,536	41,483	41,482	41,626	41,744	41,679	41,776	41,846	41,928	42,020
1974.....	42,302	42,324	42,267	42,087	42,262	42,218	42,155	42,253	42,221	42,164	42,075	41,844
1975.....	41,528	41,437	41,341	41,356	41,398	41,368	41,579	41,689	41,655	41,656	41,686	41,672
1976.....	41,905	41,908	42,039	42,156	42,247	42,192	42,270	42,466	42,540	42,541	42,489	42,530
1977.....	42,585	42,712	42,873	43,047	43,185	43,345	43,331	43,449	43,572	43,702	43,945	44,098
1978.....	44,167	44,213	44,226	44,392	44,462	44,658	44,636	44,589	44,714	44,783	45,059	45,118
1979.....	45,287	45,386	45,373	45,209	45,442	45,530	45,612	45,592	45,705	45,692	45,595	45,792
1980.....	45,748	45,892	45,650	45,425	45,379	45,363	45,362	45,470	45,469	45,646	45,686	45,761
1981.....	45,800	45,843	46,097	46,300	46,374	46,168	46,253	46,244	46,160	46,046	45,940	45,709
EMPLOYED - FEMALES 25 YEARS AND OVER												
1970.....	22,454	22,396	22,467	22,639	22,271	22,467	22,554	22,528	22,275	22,469	22,505	22,490
1971.....	22,671	22,539	22,470	22,454	22,505	22,517	22,344	22,515	22,656	22,848	23,035	23,047
1972.....	23,261	23,244	23,367	23,306	23,329	23,333	23,350	23,475	23,546	23,530	23,556	23,687
1973.....	23,613	23,878	23,961	24,146	24,268	24,296	24,413	24,412	24,510	24,617	24,754	24,714
1974.....	24,770	24,839	24,911	25,007	25,077	25,188	25,479	25,249	25,181	25,150	24,981	24,998
1975.....	24,987	24,898	25,009	25,052	25,120	25,210	25,382	25,468	25,533	25,727	25,725	25,752
1976.....	26,110	26,162	26,254	26,333	26,450	26,578	26,568	26,712	26,741	26,801	27,011	27,151
1977.....	27,129	27,200	27,366	27,579	27,884	27,682	27,813	27,783	28,130	28,193	28,439	28,523
1978.....	28,774	28,943	29,103	29,297	29,319	29,477	29,481	29,447	29,848	30,058	30,139	30,192
1979.....	30,236	30,362	30,498	30,408	30,575	30,698	30,985	31,075	31,288	31,461	31,459	31,742
1980.....	31,821	31,813	31,787	31,853	31,836	31,863	31,899	32,000	32,092	32,014	32,145	32,153
1981.....	32,380	32,581	32,710	32,880	33,088	33,162	33,211	33,209	32,868	33,182	33,262	33,172

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - BOTH SEXES 25-54 YEARS												
1970.....	48,846	48,749	48,784	48,910	48,650	48,745	48,759	48,704	48,534	48,658	48,653	48,531
1971.....	48,665	48,710	48,582	48,612	48,796	48,854	48,738	48,887	49,050	49,162	49,356	49,389
1972.....	49,696	49,899	50,159	50,120	50,201	50,267	50,399	50,528	50,583	50,591	50,739	51,062
1973.....	51,062	51,421	51,585	51,751	51,883	52,064	52,313	52,222	52,455	52,692	52,819	52,887
1974.....	53,212	53,243	53,252	53,134	53,476	53,605	53,816	53,695	53,619	53,614	53,446	53,220
1975.....	52,850	52,671	52,703	52,742	52,794	52,988	53,260	53,574	53,568	53,851	53,834	53,919
1976.....	54,354	54,455	54,727	54,952	55,067	55,192	55,227	55,482	55,514	55,639	55,743	55,898
1977.....	56,018	56,206	56,496	56,757	57,044	57,168	57,304	57,418	57,697	57,829	58,223	58,476
1978.....	58,764	58,977	59,129	59,375	59,398	59,679	59,755	59,752	60,207	60,501	60,664	60,769
1979.....	60,888	61,116	61,277	61,152	61,442	61,669	62,111	62,137	62,359	62,480	62,420	62,915
1980.....	62,986	62,974	62,863	62,727	62,631	62,669	62,720	62,858	63,052	63,154	63,386	63,515
1981.....	63,777	63,940	64,246	64,565	64,798	64,754	64,930	65,014	64,676	64,829	64,868	64,567
EMPLOYED - MALES 25-54 YEARS												
1970.....	31,390	31,363	31,418	31,382	31,367	31,333	31,287	31,273	31,292	31,287	31,278	31,157
1971.....	31,192	31,257	31,213	31,293	31,345	31,389	31,393	31,404	31,461	31,500	31,549	31,549
1972.....	31,663	31,810	31,961	31,983	32,024	32,085	32,190	32,216	32,249	32,241	32,353	32,496
1973.....	32,529	32,616	32,716	32,754	32,799	32,901	33,061	33,004	33,101	33,221	33,239	33,289
1974.....	33,537	33,481	33,454	33,246	33,507	33,506	33,468	33,510	33,468	33,433	33,402	33,175
1975.....	32,885	32,779	32,772	32,764	32,826	32,879	33,007	33,147	33,130	33,249	33,259	33,286
1976.....	33,443	33,514	33,671	33,750	33,830	33,766	33,829	33,940	33,990	34,061	34,012	34,028
1977.....	34,101	34,225	34,367	34,501	34,573	34,711	34,716	34,830	34,963	35,001	35,211	35,360
1978.....	35,466	35,487	35,513	35,631	35,682	35,774	35,827	35,769	35,913	35,923	36,135	36,181
1979.....	36,316	36,442	36,493	36,393	36,579	36,678	36,751	36,681	36,754	36,770	36,712	36,927
1980.....	36,907	36,900	36,772	36,584	36,540	36,544	36,548	36,606	36,704	36,832	36,920	36,960
1981.....	37,041	37,038	37,274	37,452	37,560	37,448	37,507	37,565	37,519	37,406	37,364	37,092
EMPLOYED - FEMALES 25-54 YEARS												
1970.....	17,456	17,386	17,366	17,528	17,283	17,412	17,472	17,431	17,242	17,371	17,375	17,374
1971.....	17,473	17,453	17,369	17,319	17,451	17,465	17,345	17,483	17,589	17,662	17,807	17,840
1972.....	18,033	18,089	18,198	18,137	18,177	18,182	18,209	18,312	18,334	18,350	18,386	18,566
1973.....	18,533	18,805	18,869	18,997	19,084	19,163	19,252	19,218	19,354	19,471	19,580	19,598
1974.....	19,675	19,762	19,798	19,888	19,969	20,099	20,348	20,185	20,151	20,181	20,044	20,045
1975.....	19,965	19,892	19,931	19,978	19,968	20,109	20,253	20,427	20,438	20,602	20,575	20,633
1976.....	20,911	20,941	21,056	21,202	21,237	21,426	21,398	21,542	21,524	21,578	21,731	21,870
1977.....	21,917	21,981	22,129	22,256	22,471	22,457	22,588	22,734	22,828	23,012	23,116	23,116
1978.....	23,298	23,490	23,616	23,744	23,716	23,905	23,928	23,983	24,294	24,578	24,529	24,588
1979.....	24,572	24,674	24,784	24,759	24,863	24,991	25,360	25,456	25,605	25,710	25,708	25,988
1980.....	26,079	26,074	26,091	26,143	26,091	26,125	26,172	26,252	26,348	26,322	26,466	26,555
1981.....	26,736	26,902	26,972	27,113	27,238	27,306	27,423	27,449	27,157	27,423	27,504	27,475
EMPLOYED - AGRICULTURAL INDUSTRIES												
1970.....	3,422	3,439	3,499	3,568	3,547	3,555	3,517	3,418	3,451	3,337	3,372	3,380
1971.....	3,393	3,288	3,356	3,574	3,449	3,334	3,386	3,395	3,367	3,405	3,410	3,371
1972.....	3,366	3,358	3,438	3,382	3,412	3,402	3,461	3,603	3,568	3,634	3,517	3,596
1973.....	3,456	3,415	3,469	3,407	3,376	3,509	3,540	3,425	3,342	3,424	3,593	3,658
1974.....	3,756	3,824	3,726	3,582	3,529	3,386	3,436	3,429	3,460	3,431	3,405	3,361
1975.....	3,401	3,361	3,358	3,315	3,560	3,368	3,457	3,429	3,508	3,397	3,331	3,259
1976.....	3,387	3,304	3,296	3,438	3,367	3,310	3,358	3,380	3,278	3,316	3,263	3,251
1977.....	3,185	3,222	3,212	3,313	3,432	3,340	3,247	3,260	3,201	3,272	3,375	3,320
1978.....	3,436	3,322	3,351	3,336	3,336	3,483	3,445	3,401	3,400	3,410	3,270	3,403
1979.....	3,313	3,367	3,359	3,261	3,286	3,334	3,348	3,385	3,379	3,326	3,410	3,396
1980.....	3,327	3,392	3,402	3,280	3,411	3,302	3,345	3,253	3,449	3,363	3,370	3,486
1981.....	3,445	3,346	3,343	3,470	3,405	3,348	3,342	3,404	3,358	3,378	3,372	3,209
EMPLOYED - AGRICULTURAL INDUSTRIES BOTH SEXES 16-19 YEARS												
1970.....	364	371	398	400	384	385	379	388	397	371	384	395
1971.....	418	408	398	487	435	368	394	405	386	399	389	391
1972.....	373	380	440	394	400	417	413	477	386	423	389	395
1973.....	399	382	387	337	366	412	425	402	378	422	452	471
1974.....	469	493	459	484	459	439	411	434	470	458	474	423
1975.....	433	385	417	401	529	461	495	448	488	439	425	440
1976.....	447	465	447	457	427	405	425	448	421	417	407	404
1977.....	394	408	410	418	413	403	394	381	379	381	450	428
1978.....	437	388	393	375	384	408	394	419	389	416	379	395
1979.....	362	407	375	349	366	358	365	350	350	350	343	360
1980.....	347	347	381	363	369	383	412	358	421	396	405	415
1981.....	410	381	381	442	410	384	369	373	367	369	355	326
EMPLOYED - AGRICULTURAL INDUSTRIES MALES 16-19 YEARS												
1970.....	322	325	354	357	344	334	326	327	336	318	325	344
1971.....	357	345	342	421	368	309	333	352	331	334	327	321
1972.....	305	318	342	311	311	347	355	404	324	340	315	314
1973.....	328	302	307	283	312	346	351	330	301	354	387	397
1974.....	395	420	389	408	389	368	345	367	379	381	390	365
1975.....	353	300	353	326	442	386	415	361	418	395	379	373
1976.....	371	403	380	381	358	335	349	373	353	350	348	345
1977.....	339	342	338	361	349	329	327	317	305	307	370	354
1978.....	350	308	325	301	313	336	326	345	321	337	290	303
1979.....	308	347	306	305	310	298	291	281	292	295	288	296
1980.....	282	288	313	287	289	304	340	306	340	323	334	334
1981.....	337	302	311	371	338	325	313	316	304	302	286	279

HOUSEHOLD DATA
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - AGRICULTURAL INDUSTRIES FEMALES 16-19 YEARS												
1970.....	42	46	44	43	40	51	53	61	61	53	59	51
1971.....	61	63	56	66	67	59	61	53	55	65	62	70
1972.....	68	62	98	83	89	70	58	73	62	83	74	81
1973.....	71	80	80	54	54	66	74	72	77	68	65	74
1974.....	74	73	70	76	70	71	66	67	91	77	84	58
1975.....	80	85	64	75	87	75	80	87	70	44	46	67
1976.....	76	62	67	76	69	70	76	75	68	67	59	59
1977.....	55	66	72	57	64	74	67	64	74	74	80	74
1978.....	87	80	68	74	71	72	68	74	68	79	89	92
1979.....	54	60	69	44	56	60	74	69	58	55	55	64
1980.....	65	59	68	76	80	79	72	52	81	73	71	81
1981.....	73	79	70	71	72	59	56	57	63	67	69	47
EMPLOYED - AGRICULTURAL INDUSTRIES BOTH SEXES 20 YEARS AND OVER												
1970.....	3,058	3,068	3,101	3,168	3,163	3,170	3,138	3,030	3,054	2,966	2,988	2,985
1971.....	2,975	2,880	2,958	3,087	3,074	2,966	2,992	2,990	2,981	3,006	3,021	2,980
1972.....	2,993	2,978	2,998	2,988	3,012	2,985	3,048	3,126	3,182	3,211	3,128	3,201
1973.....	3,057	3,033	3,082	3,070	3,010	3,097	3,115	3,023	2,964	3,002	3,141	3,187
1974.....	3,267	3,331	3,267	3,098	3,070	2,947	3,025	2,995	2,990	2,973	2,931	2,938
1975.....	2,968	2,976	2,941	2,914	3,031	2,907	2,962	2,981	3,020	2,958	2,906	2,819
1976.....	2,940	2,839	2,849	2,981	2,940	2,905	2,933	2,932	2,857	2,899	2,856	2,847
1977.....	2,791	2,814	2,802	2,895	3,019	2,937	2,853	2,879	2,822	2,891	2,925	2,892
1978.....	2,999	2,934	2,958	2,961	2,952	3,075	3,051	2,982	3,011	2,994	2,891	3,008
1979.....	2,951	2,960	2,984	2,912	2,920	2,976	2,983	3,035	3,029	2,976	3,067	3,036
1980.....	2,980	3,045	3,021	2,917	3,042	2,919	2,933	2,895	3,028	2,967	2,965	3,071
1981.....	3,035	2,965	2,962	3,028	2,995	2,964	2,973	3,031	2,991	3,009	3,017	2,883
EMPLOYED - AGRICULTURAL INDUSTRIES MALES 20 YEARS AND OVER												
1970.....	2,498	2,503	2,547	2,604	2,603	2,592	2,571	2,517	2,516	2,438	2,453	2,459
1971.....	2,447	2,369	2,446	2,504	2,472	2,438	2,461	2,458	2,422	2,463	2,473	2,435
1972.....	2,446	2,430	2,410	2,422	2,442	2,464	2,494	2,539	2,611	2,625	2,566	2,642
1973.....	2,545	2,486	2,524	2,513	2,480	2,522	2,504	2,482	2,457	2,478	2,575	2,593
1974.....	2,695	2,703	2,659	2,549	2,534	2,445	2,497	2,507	2,499	2,488	2,460	2,478
1975.....	2,464	2,496	2,474	2,454	2,468	2,406	2,435	2,446	2,479	2,433	2,418	2,336
1976.....	2,411	2,391	2,378	2,443	2,441	2,421	2,437	2,394	2,329	2,349	2,308	2,279
1977.....	2,276	2,300	2,292	2,333	2,400	2,377	2,314	2,357	2,326	2,352	2,343	2,347
1978.....	2,441	2,339	2,348	2,357	2,377	2,459	2,448	2,389	2,425	2,386	2,328	2,408
1979.....	2,347	2,362	2,389	2,327	2,335	2,372	2,384	2,422	2,409	2,394	2,446	2,452
1980.....	2,432	2,475	2,439	2,350	2,420	2,351	2,353	2,332	2,432	2,379	2,407	2,387
1981.....	2,409	2,349	2,352	2,419	2,390	2,379	2,383	2,422	2,383	2,413	2,382	2,311
EMPLOYED - AGRICULTURAL INDUSTRIES FEMALES 20 YEARS AND OVER												
1970.....	560	565	554	564	560	578	567	513	538	528	535	526
1971.....	528	511	512	583	542	528	531	532	559	543	548	545
1972.....	547	548	588	566	570	521	554	587	571	586	562	559
1973.....	512	547	558	557	530	575	611	541	507	524	566	594
1974.....	592	628	608	549	536	502	528	488	491	485	471	460
1975.....	504	480	467	460	563	501	527	535	541	525	488	483
1976.....	529	448	471	538	499	484	496	538	528	550	548	568
1977.....	515	548	510	562	619	560	539	522	496	539	582	545
1978.....	558	595	610	604	575	616	603	593	586	608	563	600
1979.....	604	598	595	585	585	604	599	613	620	582	621	584
1980.....	548	570	582	567	622	568	580	563	596	588	558	684
1981.....	626	616	610	609	605	585	590	609	608	596	635	572
EMPLOYED - NONAGRICULTURAL INDUSTRIES												
1970.....	75,358	75,259	75,364	75,362	75,017	74,858	75,209	75,206	75,047	75,348	75,278	75,214
1971.....	75,471	75,412	75,232	75,413	75,690	75,423	75,919	76,144	76,322	76,513	76,887	77,100
1972.....	77,593	77,750	78,135	78,273	78,475	78,681	78,769	78,975	78,975	78,982	79,473	79,804
1973.....	79,705	80,497	80,983	81,152	81,272	81,676	81,759	81,779	82,146	82,563	82,727	82,743
1974.....	82,799	82,930	83,093	83,087	83,362	83,555	83,713	83,608	83,591	83,564	83,221	82,783
1975.....	82,226	81,895	81,829	81,874	81,891	81,987	82,437	82,805	82,771	82,973	83,125	83,406
1976.....	84,013	84,368	84,689	84,978	85,427	85,253	85,735	85,843	85,895	85,958	86,371	86,552
1977.....	86,743	87,120	87,596	87,958	88,322	88,619	88,837	89,181	89,501	89,780	90,386	90,785
1978.....	90,938	91,180	91,385	92,036	92,435	92,853	92,663	93,073	93,294	93,736	94,205	94,190
1979.....	94,617	94,906	95,057	94,777	95,038	95,350	95,706	95,468	96,049	96,105	96,160	96,561
1980.....	96,506	96,521	96,205	95,832	95,552	95,483	95,546	95,667	95,759	95,965	96,164	96,146
1981.....	96,456	96,723	97,063	97,408	97,640	97,082	97,522	97,436	96,900	96,965	96,800	96,404
EMPLOYED - NONAGRICULTURAL INDUSTRIES BOTH SEXES 16-19 YEARS												
1970.....	5,854	5,872	5,864	5,737	5,775	5,570	5,748	5,730	5,782	5,748	5,706	5,695
1971.....	5,746	5,797	5,703	5,727	5,731	5,497	5,857	5,922	5,823	5,849	5,978	6,009
1972.....	6,159	6,112	6,186	6,284	6,353	6,344	6,348	6,398	6,346	6,401	6,505	6,560
1973.....	6,465	6,651	6,838	6,820	6,782	7,024	6,830	6,871	6,992	7,049	7,033	7,037
1974.....	7,086	7,058	7,081	6,956	6,969	7,044	6,986	6,991	7,034	7,008	6,895	6,832
1975.....	6,765	6,729	6,660	6,619	6,604	6,522	6,555	6,581	6,686	6,645	6,693	6,691
1976.....	6,766	6,806	6,860	6,911	7,027	6,881	7,098	6,921	6,877	6,921	6,913	6,886
1977.....	6,924	7,099	7,121	7,198	7,210	7,334	7,344	7,506	7,280	7,438	7,459	7,517
1978.....	7,462	7,437	7,419	7,562	7,739	7,856	7,746	7,904	7,728	7,749	7,751	7,703
1979.....	7,816	7,780	7,817	7,721	7,656	7,793	7,748	7,511	7,692	7,653	7,736	7,767
1980.....	7,663	7,570	7,557	7,392	7,344	7,300	7,272	7,097	7,219	7,209	7,139	7,155
1981.....	7,120	7,094	7,042	7,080	7,014	6,692	6,811	6,835	6,772	6,656	6,585	6,452

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - NONAGRICULTURAL INDUSTRIES MALES 16-19 YEARS												
1970.....	3,136	3,137	3,175	3,044	3,065	2,939	3,065	3,028	3,057	3,029	3,085	3,123
1971.....	3,076	3,122	3,049	3,074	3,096	2,963	3,203	3,163	3,142	3,186	3,279	3,251
1972.....	3,302	3,256	3,332	3,386	3,417	3,452	3,430	3,483	3,480	3,502	3,520	3,547
1973.....	3,489	3,630	3,740	3,699	3,623	3,746	3,733	3,693	3,793	3,800	3,759	3,759
1974.....	3,800	3,751	3,782	3,692	3,737	3,770	3,762	3,706	3,715	3,705	3,648	3,614
1975.....	3,528	3,562	3,503	3,459	3,419	3,369	3,379	3,420	3,461	3,438	3,484	3,472
1976.....	3,515	3,546	3,555	3,593	3,593	3,577	3,669	3,631	3,561	3,597	3,577	3,635
1977.....	3,640	3,704	3,712	3,781	3,842	3,860	3,883	3,883	3,844	3,972	3,969	3,999
1978.....	3,970	3,932	3,899	3,951	4,009	4,135	4,040	4,119	4,033	4,034	4,052	3,986
1979.....	4,036	3,967	4,004	3,977	3,962	4,090	4,048	3,933	4,030	3,951	3,989	4,042
1980.....	3,968	3,955	3,990	3,872	3,802	3,772	3,719	3,598	3,655	3,663	3,636	3,639
1981.....	3,644	3,646	3,602	3,601	3,571	3,357	3,453	3,444	3,474	3,460	3,411	3,324
EMPLOYED - NONAGRICULTURAL INDUSTRIES FEMALES 16-19 YEARS												
1970.....	2,718	2,735	2,689	2,693	2,710	2,631	2,683	2,702	2,725	2,719	2,621	2,572
1971.....	2,670	2,675	2,654	2,653	2,635	2,534	2,654	2,759	2,681	2,663	2,699	2,758
1972.....	2,857	2,856	2,854	2,898	2,936	2,892	2,918	2,915	2,866	2,899	2,985	3,013
1973.....	2,976	3,021	3,098	3,121	3,159	3,278	3,097	3,178	3,199	3,249	3,274	3,278
1974.....	3,286	3,307	3,299	3,264	3,232	3,274	3,224	3,285	3,319	3,303	3,247	3,218
1975.....	3,237	3,167	3,157	3,160	3,185	3,153	3,176	3,161	3,225	3,207	3,209	3,219
1976.....	3,251	3,260	3,305	3,318	3,434	3,304	3,429	3,290	3,316	3,324	3,336	3,251
1977.....	3,284	3,395	3,409	3,417	3,368	3,474	3,461	3,623	3,436	3,466	3,490	3,518
1978.....	3,492	3,505	3,520	3,611	3,730	3,721	3,706	3,785	3,695	3,715	3,699	3,717
1979.....	3,780	3,813	3,813	3,744	3,694	3,703	3,700	3,578	3,662	3,702	3,747	3,725
1980.....	3,695	3,615	3,567	3,520	3,542	3,528	3,553	3,499	3,564	3,546	3,503	3,516
1981.....	3,476	3,448	3,440	3,479	3,443	3,335	3,358	3,391	3,298	3,196	3,174	3,128
EMPLOYED - NONAGRICULTURAL INDUSTRIES BOTH SEXES 20 YEARS AND OVER												
1970.....	69,504	69,387	69,500	69,625	69,242	69,288	69,461	69,476	69,265	69,600	69,572	69,519
1971.....	69,725	69,615	69,529	69,686	69,959	69,926	70,062	70,222	70,499	70,664	70,909	71,091
1972.....	71,434	71,638	71,949	71,989	72,122	72,337	72,421	72,577	72,629	72,581	72,968	73,244
1973.....	73,280	73,846	74,145	74,332	74,490	74,652	74,929	74,908	75,154	75,514	75,694	75,706
1974.....	75,713	75,872	76,012	76,131	76,393	76,511	76,727	76,617	76,557	76,556	76,326	75,951
1975.....	75,461	75,166	75,169	75,255	75,287	75,465	75,882	76,224	76,085	76,328	76,432	76,715
1976.....	77,247	77,562	77,829	78,067	78,400	78,372	78,637	78,922	79,018	79,037	79,458	79,666
1977.....	79,819	80,021	80,475	80,760	81,112	81,285	81,493	81,675	82,221	82,342	82,927	83,268
1978.....	83,476	83,743	83,966	84,478	84,696	84,997	84,917	85,169	85,566	85,987	86,454	86,487
1979.....	86,801	87,126	87,240	87,056	87,382	87,557	87,958	87,957	88,357	88,452	88,424	88,794
1980.....	88,843	88,951	88,648	88,440	88,208	88,183	88,274	88,570	88,540	88,756	89,025	88,991
1981.....	89,336	89,629	90,021	90,328	90,626	90,390	90,711	90,601	90,128	90,309	90,215	89,952
EMPLOYED - NONAGRICULTURAL INDUSTRIES MALES 20 YEARS AND OVER												
1970.....	43,156	43,124	43,121	43,075	43,063	42,962	42,945	42,978	43,019	43,070	43,087	43,007
1971.....	43,080	43,086	43,074	43,285	43,445	43,441	43,539	43,583	43,668	43,669	43,736	43,845
1972.....	44,025	44,170	44,411	44,441	44,508	44,683	44,750	44,782	44,783	44,729	44,963	45,105
1973.....	45,156	45,398	45,593	45,585	45,588	45,722	45,948	45,871	45,951	46,153	46,189	46,309
1974.....	46,412	46,354	46,327	46,304	46,505	46,501	46,386	46,443	46,479	46,471	46,373	45,980
1975.....	45,622	45,431	45,302	45,305	45,367	45,348	45,615	45,793	45,647	45,732	45,785	45,930
1976.....	46,181	46,330	46,458	46,654	46,752	46,589	46,799	47,023	47,156	47,175	47,253	47,320
1977.....	47,462	47,538	47,739	47,852	47,880	48,167	48,283	48,388	48,499	48,694	48,973	49,145
1978.....	49,091	49,231	49,287	49,544	49,674	49,783	49,747	49,851	49,870	50,065	50,473	50,401
1979.....	50,710	50,839	50,717	50,726	50,843	50,945	51,015	50,941	51,140	51,100	50,999	51,102
1980.....	51,029	51,170	50,889	50,640	50,504	50,397	50,416	50,536	50,479	50,726	50,808	50,925
1981.....	50,933	51,034	51,266	51,401	51,494	51,218	51,491	51,369	51,310	51,091	50,972	50,811
EMPLOYED - NONAGRICULTURAL INDUSTRIES FEMALES 20 YEARS AND OVER												
1970.....	26,348	26,263	26,379	26,550	26,179	26,326	26,516	26,498	26,246	26,530	26,485	26,512
1971.....	26,645	26,529	26,455	26,401	26,514	26,485	26,523	26,639	26,831	26,995	27,173	27,246
1972.....	27,409	27,468	27,538	27,548	27,614	27,654	27,671	27,795	27,846	27,852	28,005	28,139
1973.....	28,084	28,448	28,552	28,747	28,902	28,930	28,981	29,037	29,203	29,361	29,505	29,397
1974.....	29,301	29,518	29,685	29,827	29,888	30,010	30,341	30,174	30,078	30,085	29,953	29,971
1975.....	29,839	29,735	29,867	29,950	29,920	30,117	30,267	30,431	30,438	30,596	30,647	30,785
1976.....	31,066	31,232	31,371	31,413	31,648	31,783	31,838	31,899	31,862	31,862	32,205	32,346
1977.....	32,357	32,483	32,736	32,908	33,232	33,118	33,210	33,287	33,722	33,648	33,954	34,123
1978.....	34,385	34,512	34,679	34,930	35,022	35,214	35,170	35,318	35,696	35,922	35,981	36,086
1979.....	36,091	36,287	36,523	36,330	36,539	36,612	36,943	37,016	37,217	37,352	37,425	37,692
1980.....	37,814	37,781	37,759	37,800	37,704	37,786	37,858	38,034	38,061	38,030	38,217	38,066
1981.....	38,403	38,595	38,755	38,927	39,132	39,172	39,220	39,232	38,818	39,218	39,243	39,141
EMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1970.....	1,519	1,503	1,495	1,439	1,429	1,541	1,353	1,356	1,094	1,159	1,146	1,193
1971.....	1,095	1,121	1,047	1,079	1,089	1,443	1,289	1,300	1,272	1,152	1,194	1,158
1972.....	1,193	1,235	1,184	1,291	1,324	1,255	1,330	1,319	1,300	1,294	1,341	1,382
1973.....	1,181	1,327	1,359	1,372	1,402	1,171	1,281	1,309	1,319	1,388	1,360	1,354
1974.....	1,380	1,340	1,391	1,133	1,277	1,337	1,356	1,350	1,394	1,396	1,377	1,353
1975.....	1,391	1,391	1,418	1,454	1,373	1,435	1,389	1,388	1,358	1,302	1,301	1,315
1976.....	1,445	1,377	1,300	1,292	1,377	1,525	1,399	1,414	1,415	1,397	1,391	1,359
1977.....	1,368	1,372	1,356	1,422	1,411	1,277	1,413	1,414	1,422	1,536	1,527	1,516
1978.....	1,481	1,459	1,555	1,715	1,564	1,397	1,445	1,462	1,595	1,547	1,552	1,554
1979.....	1,483	1,497	1,420	1,398	1,454	1,399	1,473	1,434	1,620	1,438	1,356	1,526
1980.....	1,509	1,535	1,539	1,493	1,372	1,407	1,397	1,415	1,358	1,395	1,356	1,366
1981.....	1,415	1,378	1,439	1,392	1,471	1,448	1,417	1,424	1,360	1,338	1,331	1,267

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - MALES 16-21 YEARS:	MAJOR ACTIVITY OTHER											
1970.....	3,680	3,706	3,744	3,653	3,782	3,393	3,688	3,700	4,083	3,915	4,048	4,060
1971.....	4,103	4,139	4,120	4,249	4,310	3,609	4,093	4,115	4,147	4,342	4,366	4,459
1972.....	4,480	4,434	4,600	4,525	4,616	4,884	4,733	4,883	4,827	4,838	4,822	4,815
1973.....	4,969	5,013	5,124	4,983	4,990	5,426	5,281	5,165	5,237	5,273	5,302	5,342
1974.....	5,396	5,370	5,332	5,493	5,455	5,391	5,305	5,266	5,334	5,284	5,267	5,177
1975.....	5,042	5,018	4,932	4,717	4,935	4,775	4,893	4,914	5,002	5,018	5,019	5,054
1976.....	4,979	5,159	5,200	5,273	5,223	4,970	5,249	5,282	5,189	5,240	5,209	5,327
1977.....	5,343	5,384	5,441	5,397	5,478	5,649	5,513	5,613	5,516	5,498	5,549	5,600
1978.....	5,584	5,562	5,515	5,402	5,630	5,960	5,792	6,024	5,719	5,742	5,731	5,664
1979.....	5,823	5,737	5,804	5,862	5,737	5,962	5,808	5,719	5,692	5,744	5,830	5,709
1980.....	5,591	5,577	5,605	5,488	5,555	5,363	5,386	5,200	5,411	5,386	5,354	5,407
1981.....	5,368	5,391	5,254	5,432	5,239	4,936	5,151	5,155	5,274	5,227	5,093	5,050
EMPLOYED - FEMALES 16-21 YEARS:	MAJOR ACTIVITY SCHOOL											
1970.....	1,115	1,113	1,100	1,089	1,041	1,142	1,038	1,057	895	1,003	932	888
1971.....	912	909	923	772	799	1,120	1,043	1,042	988	963	980	955
1972.....	998	990	957	1,041	1,129	989	1,079	1,093	1,119	1,031	1,052	1,122
1973.....	1,013	1,149	1,155	1,193	1,169	1,036	1,108	1,121	1,202	1,139	1,202	1,229
1974.....	1,147	1,178	1,150	928	1,116	1,157	1,174	1,150	1,147	1,241	1,207	1,187
1975.....	1,230	1,156	1,186	1,201	1,159	1,256	1,211	1,214	1,171	1,217	1,197	1,140
1976.....	1,226	1,197	1,181	1,085	1,231	1,366	1,274	1,290	1,297	1,271	1,279	1,272
1977.....	1,262	1,301	1,269	1,276	1,227	1,223	1,288	1,304	1,331	1,284	1,294	1,313
1978.....	1,291	1,324	1,394	1,551	1,475	1,328	1,337	1,350	1,549	1,495	1,484	1,527
1979.....	1,441	1,454	1,421	1,355	1,424	1,340	1,339	1,344	1,470	1,366	1,356	1,366
1980.....	1,343	1,339	1,322	1,337	1,175	1,343	1,371	1,336	1,384	1,391	1,388	1,316
1981.....	1,387	1,342	1,391	1,347	1,387	1,366	1,306	1,340	1,282	1,289	1,309	1,322
EMPLOYED - FEMALES 16-21 YEARS:	MAJOR ACTIVITY OTHER											
1970.....	3,574	3,529	3,518	3,474	3,530	3,297	3,541	3,539	3,791	3,634	3,587	3,621
1971.....	3,618	3,617	3,566	3,689	3,659	3,126	3,536	3,622	3,652	3,667	3,673	3,778
1972.....	3,791	3,841	3,888	3,879	3,870	3,926	3,873	3,864	3,747	3,925	4,010	3,991
1973.....	4,062	4,026	4,109	4,054	4,102	4,318	4,171	4,154	4,137	4,275	4,215	4,206
1974.....	4,280	4,359	4,410	4,563	4,337	4,374	4,336	4,368	4,409	4,383	4,362	4,382
1975.....	4,262	4,187	4,118	4,146	4,215	4,144	4,172	4,195	4,255	4,147	4,161	4,242
1976.....	4,282	4,363	4,448	4,540	4,503	4,329	4,564	4,365	4,347	4,370	4,421	4,402
1977.....	4,409	4,467	4,535	4,517	4,532	4,814	4,618	4,816	4,630	4,655	4,666	4,704
1978.....	4,709	4,696	4,617	4,648	4,738	5,056	4,926	5,085	4,792	4,872	4,846	4,860
1979.....	4,959	4,993	5,068	5,012	4,789	5,045	5,007	4,861	4,815	4,868	4,995	4,947
1980.....	5,002	4,930	4,885	4,846	4,909	4,833	4,806	4,771	4,854	4,831	4,751	4,805
1981.....	4,679	4,683	4,638	4,763	4,621	4,601	4,617	4,693	4,639	4,523	4,448	4,359
EMPLOYED - MARRIED WORKERS SPOUSE PRESENT												
1970.....	55,623	55,642	55,680	55,872	55,695	55,533	55,676	56,209	55,217	55,559	55,505	55,453
1971.....	55,465	55,453	55,367	55,472	55,563	55,709	55,697	55,767	56,067	55,976	56,007	55,958
1972.....	56,422	56,534	56,755	56,693	56,803	56,747	56,869	57,054	57,073	57,022	57,297	57,617
1973.....	57,644	57,921	58,227	58,127	58,432	58,437	58,602	58,165	58,410	58,943	59,045	58,969
1974.....	59,010	59,135	58,967	59,003	59,103	59,135	59,134	59,142	59,063	59,169	58,774	58,395
1975.....	57,830	57,743	57,716	57,766	57,787	57,865	58,118	58,206	58,220	58,417	58,423	58,325
1976.....	58,612	58,658	58,787	58,850	59,127	59,143	59,221	59,413	59,327	59,258	59,229	59,338
1977.....	59,421	59,595	59,914	60,186	60,191	60,226	60,123	60,139	60,383	60,510	60,737	60,946
1978.....	61,014	61,108	60,821	61,242	61,279	61,371	61,432	61,341	61,881	61,997	62,281	62,333
1979.....	62,512	62,806	62,722	62,321	62,584	62,754	63,124	63,125	63,245	63,951	63,140	63,140
1980.....	62,998	63,226	62,956	62,569	62,359	62,422	62,193	62,171	62,191	62,295	62,491	62,631
1981.....	62,765	62,768	62,956	63,165	63,312	63,036	63,120	63,004	62,481	62,620	62,373	62,033
EMPLOYED - MARRIED MEN, SPOUSE PRESENT												
1970.....	38,170	38,200	38,226	38,197	38,131	37,946	37,835	37,674	37,808	37,891	37,889	37,809
1971.....	37,798	37,816	37,840	37,925	37,959	38,083	38,171	38,158	38,272	38,139	38,017	37,991
1972.....	38,236	38,271	38,417	38,495	38,551	38,603	38,673	38,752	38,779	38,650	38,794	38,944
1973.....	38,938	39,047	39,160	39,073	39,042	39,156	39,338	39,086	39,137	39,368	39,406	39,466
1974.....	39,616	39,604	39,394	39,306	39,352	39,281	39,153	39,167	39,142	39,211	38,979	38,686
1975.....	38,249	38,231	38,151	38,167	38,193	38,163	38,307	38,358	38,296	38,361	38,332	38,176
1976.....	38,317	38,413	38,511	38,572	38,577	38,506	38,565	38,667	38,615	38,530	38,419	38,509
1977.....	38,621	38,634	38,727	38,920	38,936	39,033	38,933	38,921	38,900	38,995	39,092	39,170
1978.....	39,131	39,162	38,891	39,144	39,207	39,240	39,263	39,211	39,386	39,388	39,589	39,604
1979.....	39,756	39,915	39,750	39,540	39,681	39,745	39,875	39,915	39,869	39,761	39,522	39,574
1980.....	39,451	39,632	39,370	39,034	38,832	38,923	38,736	38,655	38,705	38,823	38,919	39,001
1981.....	38,959	38,944	39,036	39,186	39,120	38,930	38,961	38,961	38,855	38,746	38,553	38,342
EMPLOYED - MARRIED WOMEN, SPOUSE PRESENT												
1970.....	17,453	17,442	17,454	17,675	17,564	17,587	17,841	18,535	17,409	17,668	17,616	17,644
1971.....	17,667	17,637	17,527	17,547	17,604	17,626	17,526	17,609	17,795	17,837	17,990	17,967
1972.....	18,186	18,263	18,338	18,198	18,252	18,144	18,196	18,302	18,294	18,372	18,503	18,673
1973.....	18,706	18,874	19,067	19,054	19,390	19,281	19,264	19,079	19,273	19,575	19,639	19,503
1974.....	19,394	19,531	19,573	19,697	19,751	19,854	19,981	19,975	19,921	19,958	19,795	19,709
1975.....	19,581	19,512	19,565	19,599	19,594	19,702	19,811	19,848	19,924	20,056	20,091	20,149
1976.....	20,295	20,245	20,276	20,278	20,550	20,637	20,656	20,746	20,712	20,728	20,810	20,829
1977.....	20,800	20,961	21,187	21,268	21,255	21,193	21,190	21,218	21,483	21,515	21,645	21,776
1978.....	21,883	21,946	21,930	22,098	22,072	22,131	22,169	22,130	22,498	22,609	22,692	22,729
1979.....	22,756	22,891	22,972	22,781	22,903	23,009	23,049	23,210	23,376	23,404	23,429	23,566
1980.....	23,547	23,594	23,586	23,535	23,527	23,499	23,457	23,516	23,486	23,472	23,572	23,630
1981.....	23,806	23,824	23,920	23,979	24,192	24,106	24,159	24,043	23,626	23,874	23,820	23,691

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - WOMEN WHO MAINTAIN FAMILIES												
1970.....	2,878	2,892	2,833	2,807	2,812	2,854	2,814	2,812	2,774	2,840	2,850	2,878
1971.....	2,912	2,938	2,972	2,972	2,984	2,949	3,007	3,010	3,012	2,976	3,031	3,038
1972.....	3,020	3,021	3,052	3,101	3,147	3,168	3,178	3,176	3,305	3,254	3,230	3,229
1973.....	3,201	3,271	3,287	3,327	3,222	3,211	3,239	3,286	3,329	3,346	3,345	3,320
1974.....	3,351	3,409	3,448	3,520	3,541	3,562	3,647	3,569	3,576	3,542	3,553	3,574
1975.....	3,557	3,535	3,551	3,546	3,577	3,602	3,629	3,716	3,647	3,677	3,640	3,675
1976.....	3,733	3,781	3,807	3,813	3,797	3,816	3,830	3,826	3,791	3,874	3,922	3,952
1977.....	3,965	3,943	3,937	3,991	4,016	4,040	4,053	4,078	4,154	4,193	4,234	4,317
1978.....	4,339	4,391	4,415	4,410	4,461	4,481	4,443	4,605	4,537	4,572	4,581	4,550
1979.....	4,563	4,615	4,590	4,602	4,620	4,638	4,731	4,695	4,703	4,705	4,746	4,793
1980.....	4,831	4,727	4,742	4,748	4,731	4,760	4,773	4,809	4,800	4,799	4,809	4,826
1981.....	4,883	4,926	4,960	5,061	5,006	5,003	4,969	4,988	5,015	5,045	5,049	5,064
EMPLOYED - WHITE-COLLAR WORKERS												
1970.....	37,896	37,852	37,969	38,042	37,983	38,117	38,140	37,922	37,919	38,091	38,126	38,204
1971.....	38,153	37,825	37,988	38,105	38,324	38,122	38,279	38,611	38,791	38,832	38,935	38,575
1972.....	38,749	38,962	38,878	39,130	39,123	39,044	39,403	39,501	39,648	39,671	39,887	39,936
1973.....	40,099	40,360	40,386	40,222	40,437	40,443	40,499	40,754	41,000	41,335	41,647	41,582
1974.....	41,728	41,897	42,048	42,055	42,105	42,441	42,384	42,176	42,403	42,479	42,344	42,293
1975.....	42,453	42,283	42,441	42,636	42,639	42,828	42,979	43,152	43,035	43,058	43,028	42,955
1976.....	43,418	43,723	43,968	43,993	44,343	44,292	44,146	44,516	44,806	44,860	45,081	45,289
1977.....	45,209	45,184	45,168	45,505	45,456	45,606	45,842	46,033	46,341	46,925	47,155	47,169
1978.....	47,318	47,290	47,537	47,580	47,814	48,083	48,063	48,170	48,408	48,751	48,926	49,172
1979.....	49,226	49,792	49,991	50,053	50,141	50,109	50,436	50,535	50,748	50,817	51,034	51,160
1980.....	51,359	51,474	51,991	51,499	51,696	51,846	52,069	52,305	52,156	52,222	52,299	52,318
1981.....	52,662	52,739	52,860	52,855	53,016	52,957	52,907	53,141	52,908	53,199	53,086	53,084
EMPLOYED - PROFESSIONAL AND TECHNICAL WORKERS												
1970.....	11,180	11,022	11,066	11,162	11,112	11,169	11,261	11,182	11,167	11,154	11,115	11,178
1971.....	10,936	10,974	10,923	11,022	11,115	11,273	11,063	11,125	11,189	11,203	11,281	11,241
1972.....	11,269	11,315	11,461	11,519	11,489	11,468	11,491	11,649	11,671	11,575	11,758	11,781
1973.....	11,909	11,792	11,731	11,620	11,689	11,782	11,753	11,860	11,862	12,181	12,184	12,213
1974.....	12,250	12,463	12,355	12,474	12,441	12,569	12,626	12,571	12,629	12,581	12,504	12,431
1975.....	12,592	12,659	12,847	12,841	12,955	12,826	13,056	13,083	13,020	13,035	13,060	13,268
1976.....	13,367	13,327	13,405	13,217	13,439	13,548	13,425	13,695	13,884	13,663	13,927	13,741
1977.....	13,692	13,692	13,697	13,752	13,694	13,833	14,013	13,986	14,146	14,364	14,307	14,295
1978.....	14,304	14,270	14,323	14,363	14,576	14,561	14,530	14,583	14,534	14,714	14,774	14,960
1979.....	15,029	15,259	15,354	15,424	15,454	15,304	15,386	15,369	15,493	15,391	15,474	15,626
1980.....	15,663	15,777	15,775	15,924	15,945	16,031	16,104	16,073	15,867	16,119	16,230	16,134
1981.....	16,270	16,185	16,219	16,178	16,093	16,410	16,364	16,621	16,598	16,681	16,657	16,774
EMPLOYED - MANAGERS AND ADMINISTRATORS, EXCEPT FARM												
1970.....	8,173	8,226	8,281	8,258	8,357	8,361	8,324	8,230	8,233	8,322	8,352	8,396
1971.....	8,709	8,602	8,710	8,696	8,715	8,700	8,695	8,849	8,933	8,955	8,791	8,840
1972.....	8,016	8,104	7,993	7,950	7,935	7,961	8,093	8,126	8,079	8,153	8,189	8,042
1973.....	8,369	8,553	8,563	8,646	8,615	8,571	8,686	8,758	8,775	8,857	9,043	9,124
1974.....	9,155	9,130	9,036	9,116	9,217	9,221	9,109	8,851	8,803	8,999	8,904	8,872
1975.....	8,930	8,793	8,869	8,872	9,002	9,067	8,886	9,116	9,220	9,145	9,218	8,959
1976.....	9,133	9,279	9,378	9,538	9,407	9,378	9,370	9,445	9,588	9,563	9,642	9,724
1977.....	9,701	9,620	9,642	9,619	9,650	9,736	9,743	9,827	9,931	10,108	10,115	10,177
1978.....	10,203	10,236	10,288	10,347	10,192	10,291	10,309	10,301	10,260	10,172	10,323	10,547
1979.....	10,499	10,524	10,562	10,591	10,636	10,735	10,756	10,886	10,859	10,880	10,890	10,877
1980.....	10,822	11,111	10,928	10,955	11,110	11,135	11,186	11,351	11,228	11,205	11,287	11,370
1981.....	11,561	11,629	11,725	11,616	11,488	11,411	11,578	11,460	11,533	11,616	11,461	11,424
EMPLOYED - SALES WORKERS												
1970.....	4,766	4,797	4,770	4,771	4,796	4,835	4,852	4,896	4,908	4,957	4,934	5,019
1971.....	5,067	5,035	5,092	5,089	5,022	4,917	5,071	5,073	5,042	5,084	5,156	5,352
1972.....	5,272	5,326	5,295	5,366	5,427	5,269	5,391	5,368	5,449	5,454	5,501	5,498
1973.....	5,584	5,450	5,472	5,449	5,454	5,524	5,476	5,323	5,416	5,445	5,512	5,406
1974.....	5,472	5,466	5,519	5,458	5,459	5,389	5,400	5,481	5,560	5,547	5,492	5,431
1975.....	5,514	5,524	5,486	5,552	5,552	5,615	5,645	5,570	5,528	5,623	5,400	5,335
1976.....	5,364	5,410	5,477	5,520	5,616	5,566	5,518	5,620	5,664	5,676	5,672	5,813
1977.....	5,733	5,873	5,704	5,842	5,786	5,795	5,803	5,873	5,885	5,833	5,859	5,871
1978.....	5,966	5,895	6,048	5,987	6,034	6,066	6,115	6,050	6,048	6,098	6,236	6,139
1979.....	6,113	6,206	6,193	6,251	6,239	6,238	6,299	6,270	6,291	6,367	6,486	6,431
1980.....	6,510	6,304	6,275	6,184	6,173	6,128	6,266	6,252	6,468	6,448	6,301	6,321
1981.....	6,384	6,397	6,372	6,290	6,562	6,513	6,373	6,490	6,441	6,400	6,418	6,450
EMPLOYED - CLERICAL WORKERS												
1970.....	13,777	13,807	13,852	13,851	13,718	13,752	13,703	13,614	13,611	13,658	13,725	13,611
1971.....	13,441	13,214	13,263	13,298	13,472	13,232	13,450	13,564	13,627	13,590	13,707	13,942
1972.....	14,192	14,217	14,129	14,295	14,272	14,346	14,428	14,358	14,449	14,489	14,439	14,315
1973.....	14,237	14,565	14,620	14,507	14,679	14,566	14,584	14,813	14,827	14,852	14,908	14,839
1974.....	14,851	14,838	15,138	15,007	14,988	15,262	15,249	15,273	15,411	15,352	15,444	15,559
1975.....	15,417	15,307	15,239	15,371	15,130	15,320	15,392	15,383	15,267	15,255	15,350	15,393
1976.....	15,554	15,707	15,708	15,718	15,881	15,800	15,833	15,756	15,670	15,958	15,840	16,011
1977.....	16,083	15,999	16,125	16,292	16,326	16,242	16,283	16,347	16,379	16,620	16,874	16,876
1978.....	16,845	16,889	16,878	16,883	17,012	17,165	17,109	17,236	17,566	17,767	17,593	17,526
1979.....	17,585	17,803	17,882	17,787	17,812	17,832	17,993	18,010	18,105	18,179	18,184	18,246
1980.....	18,364	18,282	18,414	18,436	18,468	18,552	18,515	18,629	18,593	18,450	18,481	18,493
1981.....	18,447	18,528	18,544	18,771	18,873	18,623	18,592	18,570	18,336	18,502	18,550	18,436

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - BLUE-COLLAR WORKERS												
1970.....	28,277	28,217	28,107	28,017	27,782	27,480	27,709	27,814	27,572	27,625	27,674	27,455
1971.....	27,184	27,322	26,947	27,112	27,072	27,074	27,272	27,131	27,247	27,312	27,470	27,964
1972.....	28,473	28,336	29,440	28,412	28,643	28,908	28,570	28,878	28,839	28,803	28,854	29,182
1973.....	29,309	29,662	29,879	30,128	30,037	30,228	30,306	30,154	30,313	30,327	30,183	30,307
1974.....	30,505	30,273	30,185	30,003	30,319	30,067	30,155	30,183	30,095	29,957	29,742	29,232
1975.....	28,497	28,301	28,006	28,048	28,029	27,997	28,058	28,412	28,377	28,537	28,550	28,849
1976.....	28,974	29,090	29,162	29,374	29,345	29,428	29,609	29,395	29,272	29,537	29,592	29,629
1977.....	29,908	30,216	30,394	30,483	30,756	30,771	30,695	30,837	30,895	30,799	31,020	31,387
1978.....	31,199	31,535	31,564	32,025	32,034	32,219	31,954	32,214	32,371	32,497	32,624	32,522
1979.....	32,863	32,752	32,588	32,193	32,444	32,722	32,743	32,580	32,807	32,768	32,631	32,951
1980.....	32,530	32,402	32,260	31,660	31,260	31,054	30,783	30,727	31,071	31,266	31,353	31,271
1981.....	31,151	31,193	31,288	31,685	31,796	31,538	31,580	31,611	31,266	30,953	30,683	30,344
EMPLOYED - CRAFT AND KINDRED WORKERS												
1970.....	10,135	10,153	10,273	10,204	10,121	10,076	10,093	10,166	10,216	10,238	10,190	10,135
1971.....	10,013	10,262	9,976	10,096	10,095	10,204	10,284	10,143	10,103	10,159	10,269	10,914
1972.....	10,920	10,900	10,933	10,823	10,832	10,903	10,772	10,880	10,887	10,846	10,813	10,915
1973.....	10,995	11,100	11,278	11,318	11,431	11,641	11,470	11,372	11,473	11,381	11,498	11,470
1974.....	11,522	11,514	11,782	11,653	11,662	11,555	11,616	11,623	11,619	11,566	11,586	11,332
1975.....	11,035	11,087	10,950	11,018	10,997	11,031	11,089	11,196	11,036	11,249	11,161	11,428
1976.....	11,323	11,411	11,342	11,302	11,412	11,400	11,498	11,431	11,499	11,585	11,568	11,494
1977.....	11,746	11,790	11,946	12,009	12,090	12,041	12,092	12,123	12,138	12,096	12,289	12,448
1978.....	12,293	12,374	12,362	12,432	12,453	12,637	12,475	12,834	12,792	12,778	12,873	12,867
1979.....	13,060	13,148	12,987	12,844	13,032	13,240	13,135	13,080	13,225	13,232	13,167	13,283
1980.....	13,108	13,014	12,965	12,918	12,737	12,622	12,603	12,565	12,792	12,804	12,749	12,619
1981.....	12,621	12,684	12,826	12,825	12,911	12,749	12,787	12,724	12,514	12,446	12,411	12,446
EMPLOYED - OPERATIVES, EXCEPT TRANSPORT												
1972.....	10,331	10,150	11,077	10,208	10,392	10,452	10,302	10,456	10,454	10,434	10,513	10,680
1973.....	10,784	11,004	11,018	11,061	10,984	11,041	11,148	11,130	11,054	11,171	11,075	11,009
1974.....	10,953	10,914	10,623	10,768	10,870	10,841	10,942	10,730	10,749	10,601	10,445	10,215
1975.....	9,892	9,751	9,571	9,693	9,603	9,519	9,533	9,730	9,891	9,878	9,958	10,023
1976.....	10,179	10,155	10,131	10,273	10,254	10,361	10,321	10,229	10,071	10,134	10,176	10,404
1977.....	10,375	10,445	10,549	10,504	10,601	10,498	10,506	10,509	10,511	10,489	10,557	10,631
1978.....	10,774	10,831	10,889	11,149	11,013	11,170	11,100	10,961	11,134	11,298	11,249	11,091
1979.....	11,177	11,091	11,212	10,962	10,902	11,044	11,109	11,134	11,157	11,113	11,129	11,301
1980.....	10,928	10,868	10,828	10,622	10,502	10,397	10,331	10,292	10,407	10,458	10,570	10,592
1981.....	10,586	10,618	10,464	10,691	10,716	10,703	10,719	10,658	10,524	10,410	10,220	10,169
EMPLOYED - TRANSPORT EQUIPMENT OPERATIVES												
1972.....	3,217	3,222	3,259	3,222	3,196	3,242	3,175	3,195	3,209	3,222	3,244	3,267
1973.....	3,198	3,329	3,308	3,385	3,322	3,193	3,322	3,308	3,355	3,353	3,363	3,371
1974.....	3,374	3,299	3,278	3,283	3,323	3,300	3,394	3,438	3,294	3,274	3,282	3,299
1975.....	3,299	3,248	3,262	3,243	3,214	3,206	3,249	3,322	3,245	3,278	3,255	3,213
1976.....	3,204	3,249	3,264	3,318	3,310	3,366	3,354	3,339	3,309	3,363	3,305	3,342
1977.....	3,405	3,470	3,508	3,503	3,567	3,553	3,500	3,541	3,575	3,509	3,545	3,576
1978.....	3,475	3,666	3,584	3,610	3,570	3,580	3,557	3,498	3,617	3,645	3,657	3,650
1979.....	3,710	3,659	3,629	3,633	3,741	3,689	3,693	3,643	3,665	3,629	3,664	3,675
1980.....	3,682	3,638	3,630	3,565	3,531	3,492	3,398	3,508	3,482	3,491	3,494	3,467
1981.....	3,425	3,446	3,447	3,483	3,466	3,493	3,526	3,530	3,506	3,580	3,438	3,368
EMPLOYED - NONFARM LABORERS												
1970.....	3,817	3,777	3,759	3,741	3,729	3,559	3,721	3,801	3,710	3,631	3,784	3,723
1971.....	4,142	4,079	4,013	4,046	4,034	3,871	4,067	4,049	4,060	4,154	4,091	3,823
1972.....	4,005	4,064	4,171	4,159	4,223	4,311	4,321	4,347	4,289	4,301	4,284	4,320
1973.....	4,332	4,229	4,275	4,364	4,300	4,353	4,366	4,344	4,431	4,422	4,247	4,457
1974.....	4,656	4,546	4,502	4,299	4,464	4,371	4,203	4,392	4,433	4,516	4,429	4,386
1975.....	4,271	4,215	4,223	4,094	4,215	4,241	4,187	4,164	4,205	4,132	4,176	4,185
1976.....	4,268	4,275	4,425	4,481	4,369	4,301	4,436	4,396	4,393	4,455	4,543	4,389
1977.....	4,382	4,511	4,391	4,467	4,498	4,679	4,597	4,664	4,671	4,705	4,629	4,732
1978.....	4,657	4,664	4,729	4,834	4,998	4,832	4,822	4,921	4,828	4,776	4,845	4,914
1979.....	4,916	4,854	4,760	4,754	4,769	4,749	4,806	4,723	4,760	4,794	4,671	4,692
1980.....	4,812	4,882	4,837	4,555	4,490	4,543	4,451	4,362	4,390	4,513	4,540	4,593
1981.....	4,519	4,445	4,551	4,686	4,703	4,593	4,548	4,699	4,722	4,517	4,614	4,361
EMPLOYED - SERVICE WORKERS												
1970.....	9,673	9,564	9,591	9,611	9,588	9,597	9,693	9,811	9,966	9,906	9,808	9,812
1971.....	10,716	10,681	10,618	10,511	10,704	10,597	10,703	10,759	10,742	10,759	10,841	10,845
1972.....	10,960	10,928	10,920	11,027	11,128	11,164	11,111	11,013	10,980	10,968	11,021	11,042
1973.....	10,937	10,952	11,084	11,197	11,225	11,429	11,189	11,224	11,308	11,381	11,286	11,320
1974.....	11,237	11,343	11,326	11,432	11,365	11,505	11,451	11,661	11,587	11,701	11,555	11,669
1975.....	11,765	11,800	11,769	11,627	11,646	11,691	11,772	11,734	11,826	11,929	11,995	12,031
1976.....	12,082	12,055	12,011	12,101	12,177	12,114	12,314	12,395	12,317	12,184	12,202	12,113
1977.....	12,070	12,263	12,514	12,458	12,544	12,748	12,622	12,737	12,787	12,683	12,785	12,830
1978.....	12,929	12,932	12,852	13,002	13,080	13,082	13,067	13,139	13,080	13,179	13,238	13,187
1979.....	13,066	12,998	13,050	13,090	13,014	13,067	12,995	12,901	13,176	13,240	13,191	13,243
1980.....	13,268	13,281	13,193	13,220	13,198	13,221	13,271	13,225	13,262	13,190	13,159	13,277
1981.....	13,250	13,347	13,478	13,468	13,470	13,214	13,526	13,282	13,391	13,525	13,670	13,639

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - PRIVATE HOUSEHOLD WORKERS												
1970.....	1,630	1,620	1,578	1,563	1,559	1,540	1,526	1,548	1,550	1,564	1,500	1,521
1971.....	1,574	1,525	1,531	1,436	1,466	1,459	1,455	1,534	1,460	1,444	1,484	1,488
1972.....	1,500	1,467	1,506	1,478	1,493	1,498	1,455	1,372	1,384	1,376	1,395	1,367
1973.....	1,362	1,356	1,343	1,360	1,345	1,338	1,384	1,337	1,374	1,376	1,352	1,376
1974.....	1,291	1,364	1,255	1,328	1,298	1,248	1,251	1,240	1,221	1,174	1,100	1,083
1975.....	1,191	1,187	1,215	1,183	1,220	1,261	1,151	1,207	1,139	1,182	1,122	1,128
1976.....	1,089	1,068	1,121	1,131	1,131	1,158	1,137	1,132	1,174	1,161	1,201	1,143
1977.....	1,187	1,161	1,130	1,142	1,125	1,173	1,196	1,194	1,178	1,174	1,196	1,220
1978.....	1,229	1,194	1,154	1,266	1,218	1,160	1,180	1,156	1,194	1,151	1,143	1,134
1979.....	1,116	1,139	1,104	1,048	1,069	1,092	1,082	1,125	1,205	1,129	1,098	1,099
1980.....	1,044	1,066	1,022	1,097	1,106	1,112	1,104	1,054	1,039	1,062	1,036	1,020
1981.....	1,057	1,068	1,091	1,034	1,030	1,031	1,036	1,040	973	1,015	1,068	1,120
EMPLOYED - OTHER SERVICE WORKERS												
1970.....	8,043	7,944	8,013	8,048	8,029	8,057	8,167	8,263	8,416	8,342	8,308	8,291
1971.....	9,142	9,156	9,087	9,075	9,238	9,138	9,248	9,225	9,282	9,315	9,357	9,357
1972.....	9,460	9,461	9,414	9,549	9,635	9,666	9,656	9,641	9,596	9,592	9,626	9,675
1973.....	9,575	9,596	9,741	9,837	9,880	10,091	9,805	9,887	9,934	10,005	9,934	9,944
1974.....	9,946	9,979	10,071	10,104	10,067	10,257	10,200	10,421	10,366	10,527	10,455	10,586
1975.....	10,574	10,613	10,554	10,444	10,426	10,430	10,621	10,527	10,687	10,747	10,873	10,903
1976.....	10,993	10,987	10,890	10,970	11,046	10,956	11,177	11,263	11,143	11,023	11,001	10,970
1977.....	10,883	11,102	11,384	11,316	11,419	11,575	11,426	11,543	11,609	11,509	11,589	11,610
1978.....	11,700	11,738	11,698	11,736	11,862	11,922	11,887	11,983	11,886	12,028	12,095	12,053
1979.....	11,950	11,859	11,946	12,042	11,945	11,975	11,913	11,776	11,971	12,111	12,093	12,144
1980.....	12,224	12,215	12,171	12,123	12,092	12,109	12,167	12,171	12,223	12,128	12,123	12,257
1981.....	12,193	12,279	12,387	12,434	12,440	12,183	12,490	12,242	12,418	12,510	12,602	12,519
EMPLOYED - FARM WORKERS												
1970.....	3,092	3,120	3,165	3,195	3,224	3,235	3,188	3,070	3,109	3,022	3,001	3,020
1971.....	3,012	2,942	2,960	3,173	3,046	2,993	3,022	3,020	2,964	3,029	2,985	2,972
1972.....	3,001	2,980	3,048	2,990	2,995	2,981	3,038	3,179	3,154	3,220	3,129	3,184
1973.....	3,041	3,049	3,041	2,979	2,958	3,093	3,115	2,995	2,896	3,016	3,110	3,140
1974.....	3,280	3,358	3,240	3,171	3,078	2,989	2,989	2,949	2,977	2,961	2,939	2,958
1975.....	2,964	2,909	2,902	2,850	3,090	2,960	3,017	2,969	3,043	2,963	2,863	2,818
1976.....	2,888	2,855	2,815	2,956	2,850	2,821	2,874	2,904	2,792	2,821	2,767	2,795
1977.....	2,688	2,745	2,718	2,830	2,918	2,839	2,763	2,765	2,688	2,769	2,828	2,800
1978.....	2,895	2,812	2,799	2,779	2,756	2,921	2,852	2,835	2,860	2,841	2,729	2,838
1979.....	2,798	2,780	2,803	2,686	2,655	2,740	2,722	2,750	2,730	2,717	2,748	2,739
1980.....	2,694	2,808	2,766	2,686	2,771	2,680	2,734	2,646	2,781	2,748	2,746	2,884
1981.....	2,786	2,728	2,730	2,826	2,748	2,710	2,727	2,753	2,743	2,770	2,802	2,660
EMPLOYED - FARMERS AND FARM MANAGERS												
1970.....	1,754	1,781	1,798	1,791	1,813	1,813	1,758	1,708	1,719	1,696	1,725	1,663
1971.....	1,666	1,647	1,663	1,685	1,675	1,657	1,692	1,675	1,640	1,667	1,659	1,664
1972.....	1,671	1,657	1,647	1,622	1,644	1,655	1,657	1,714	1,751	1,793	1,721	1,738
1973.....	1,709	1,682	1,686	1,675	1,660	1,696	1,650	1,635	1,603	1,634	1,672	1,698
1974.....	1,775	1,781	1,711	1,675	1,628	1,602	1,623	1,623	1,616	1,603	1,528	1,609
1975.....	1,578	1,639	1,625	1,614	1,642	1,602	1,594	1,562	1,620	1,583	1,558	1,542
1976.....	1,561	1,522	1,499	1,544	1,540	1,541	1,557	1,543	1,460	1,505	1,493	1,444
1977.....	1,430	1,449	1,463	1,477	1,530	1,494	1,455	1,469	1,419	1,442	1,474	1,470
1978.....	1,537	1,464	1,450	1,456	1,465	1,557	1,504	1,478	1,478	1,489	1,461	1,493
1979.....	1,480	1,462	1,469	1,442	1,377	1,437	1,449	1,471	1,469	1,467	1,470	1,454
1980.....	1,422	1,515	1,493	1,486	1,488	1,443	1,501	1,485	1,524	1,515	1,493	1,553
1981.....	1,496	1,497	1,493	1,490	1,499	1,471	1,457	1,489	1,493	1,477	1,493	1,470
EMPLOYED - FARM LABORERS AND SUPERVISORS												
1970.....	1,338	1,339	1,367	1,404	1,411	1,422	1,430	1,362	1,390	1,326	1,276	1,357
1971.....	1,346	1,295	1,297	1,488	1,371	1,336	1,330	1,345	1,324	1,362	1,326	1,308
1972.....	1,330	1,323	1,401	1,368	1,351	1,326	1,381	1,465	1,403	1,427	1,408	1,446
1973.....	1,332	1,367	1,355	1,304	1,298	1,397	1,465	1,360	1,293	1,382	1,438	1,442
1974.....	1,505	1,577	1,529	1,496	1,450	1,387	1,366	1,326	1,361	1,358	1,411	1,349
1975.....	1,386	1,270	1,277	1,236	1,448	1,358	1,423	1,407	1,423	1,380	1,305	1,276
1976.....	1,327	1,333	1,316	1,412	1,310	1,280	1,317	1,361	1,332	1,316	1,274	1,351
1977.....	1,258	1,296	1,255	1,353	1,388	1,345	1,308	1,296	1,269	1,327	1,354	1,330
1978.....	1,358	1,348	1,349	1,323	1,291	1,364	1,348	1,357	1,382	1,352	1,268	1,345
1979.....	1,318	1,318	1,334	1,244	1,278	1,303	1,273	1,279	1,261	1,250	1,278	1,285
1980.....	1,272	1,293	1,273	1,200	1,283	1,237	1,233	1,161	1,257	1,233	1,253	1,331
1981.....	1,290	1,231	1,237	1,336	1,249	1,239	1,270	1,264	1,250	1,293	1,309	1,190
EMPLOYED - WAGE AND SALARY WORKERS												
1970.....	70,691	70,747	70,785	70,954	70,490	70,412	70,631	70,645	70,514	70,702	70,527	70,578
1971.....	70,763	70,580	70,549	70,788	71,002	70,767	71,277	71,596	71,772	71,821	72,141	72,190
1972.....	72,691	72,878	73,347	73,488	73,685	74,152	74,113	74,370	74,519	74,507	74,933	75,247
1973.....	75,073	75,882	76,216	76,451	76,475	76,827	76,836	76,919	77,307	77,817	78,051	78,146
1974.....	78,304	78,375	78,563	78,207	78,512	78,627	78,618	78,717	78,732	78,702	78,364	77,907
1975.....	77,299	77,041	76,882	76,820	77,060	77,310	77,645	78,065	77,972	78,219	77,769	78,454
1976.....	79,005	79,352	79,844	80,157	80,457	80,472	80,874	81,050	80,977	81,138	81,260	81,608
1977.....	81,660	81,899	82,372	82,755	83,001	83,390	83,576	83,823	84,119	84,624	85,053	85,460
1978.....	85,601	85,654	85,819	86,431	86,979	87,453	87,154	87,716	87,919	88,437	88,631	88,633
1979.....	88,950	89,135	89,379	89,122	89,232	89,494	89,602	89,623	90,201	90,304	90,304	90,829
1980.....	90,682	90,488	90,301	89,897	89,718	89,546	89,501	89,621	89,758	89,910	90,121	90,141
1981.....	90,510	90,493	90,983	91,473	91,901	90,945	91,466	91,496	90,837	90,962	90,674	90,343

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - WAGE AND SALARY WORKERS IN AGRICULTURAL INDUSTRIES												
1970.....	1,089	1,086	1,129	1,228	1,145	1,167	1,171	1,169	1,192	1,136	1,130	1,169
1971.....	1,158	1,084	1,178	1,307	1,206	1,167	1,150	1,131	1,144	1,177	1,168	1,109
1972.....	1,149	1,160	1,191	1,211	1,178	1,224	1,250	1,290	1,232	1,246	1,249	1,284
1973.....	1,234	1,241	1,228	1,238	1,237	1,282	1,294	1,228	1,209	1,273	1,358	1,392
1974.....	1,444	1,466	1,453	1,330	1,368	1,305	1,301	1,332	1,369	1,374	1,420	1,302
1975.....	1,302	1,236	1,233	1,190	1,318	1,298	1,378	1,358	1,350	1,311	1,301	1,271
1976.....	1,335	1,347	1,362	1,379	1,314	1,319	1,351	1,361	1,329	1,328	1,304	1,400
1977.....	1,294	1,333	1,321	1,341	1,343	1,377	1,333	1,358	1,370	1,425	1,416	1,389
1978.....	1,443	1,394	1,421	1,457	1,451	1,468	1,436	1,479	1,480	1,470	1,426	1,475
1979.....	1,418	1,465	1,443	1,421	1,452	1,472	1,466	1,430	1,434	1,428	1,498	1,481
1980.....	1,460	1,463	1,480	1,417	1,432	1,421	1,398	1,314	1,456	1,395	1,450	1,465
1981.....	1,505	1,389	1,391	1,560	1,499	1,437	1,495	1,501	1,461	1,502	1,436	1,352
EMPLOYED - SELF-EMPLOYED WORKERS IN AGRICULTURAL INDUSTRIES												
1970.....	1,823	1,857	1,874	1,860	1,873	1,859	1,803	1,760	1,760	1,736	1,790	1,719
1971.....	1,749	1,733	1,747	1,761	1,768	1,719	1,768	1,760	1,728	1,752	1,758	1,736
1972.....	1,725	1,723	1,723	1,708	1,735	1,764	1,778	1,846	1,892	1,911	1,829	1,852
1973.....	1,798	1,779	1,782	1,787	1,759	1,795	1,776	1,749	1,739	1,761	1,803	1,826
1974.....	1,885	1,920	1,843	1,784	1,753	1,723	1,741	1,723	1,716	1,698	1,623	1,700
1975.....	1,701	1,781	1,757	1,751	1,758	1,731	1,706	1,681	1,751	1,685	1,678	1,678
1976.....	1,678	1,643	1,625	1,669	1,676	1,672	1,681	1,679	1,597	1,649	1,615	1,539
1977.....	1,527	1,556	1,568	1,590	1,668	1,601	1,556	1,574	1,543	1,552	1,598	1,601
1978.....	1,641	1,609	1,568	1,588	1,597	1,697	1,659	1,603	1,609	1,635	1,573	1,619
1979.....	1,593	1,567	1,615	1,576	1,513	1,563	1,573	1,618	1,622	1,610	1,646	1,609
1980.....	1,591	1,658	1,634	1,616	1,652	1,615	1,652	1,650	1,680	1,651	1,619	1,674
1981.....	1,650	1,637	1,638	1,661	1,654	1,664	1,593	1,638	1,643	1,631	1,641	1,602
EMPLOYED - UNPAID-FAMILY WORKERS IN AGRICULTURAL INDUSTRIES												
1970.....	496	494	489	509	511	535	529	470	492	474	468	479
1971.....	474	462	424	525	462	457	468	486	496	485	501	509
1972.....	501	497	514	468	478	439	428	469	451	488	454	451
1973.....	420	409	466	378	371	451	463	432	399	403	436	420
1974.....	408	449	434	455	390	386	381	368	373	361	359	372
1975.....	385	371	374	363	447	373	390	395	406	407	355	309
1976.....	340	325	302	382	347	334	328	357	345	346	342	336
1977.....	353	351	320	388	383	370	353	322	275	302	362	339
1978.....	341	313	358	306	261	335	345	325	301	316	280	308
1979.....	297	335	297	295	287	302	300	321	320	300	293	304
1980.....	296	278	283	283	296	282	306	285	311	323	315	302
1981.....	284	306	299	286	235	263	244	256	256	261	321	228
EMPLOYED - PRIVATE WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	57,262	57,392	57,317	57,294	56,981	56,861	57,110	57,042	56,868	56,884	56,826	56,854
1971.....	57,045	56,984	56,827	56,940	57,082	56,943	57,198	57,437	57,577	57,703	57,992	57,921
1972.....	58,316	58,471	58,877	58,967	59,188	59,550	59,518	59,644	59,640	59,755	60,128	60,467
1973.....	60,403	61,037	61,433	61,642	61,619	61,925	61,959	62,086	62,345	62,672	62,830	62,955
1974.....	63,116	62,997	63,029	62,761	62,975	63,116	63,082	63,271	63,238	63,143	62,724	62,216
1975.....	61,528	61,297	61,144	60,998	61,147	61,314	61,399	61,827	61,969	62,277	61,684	62,301
1976.....	62,742	62,949	63,314	63,776	64,091	64,026	64,366	64,284	64,357	64,712	64,780	65,094
1977.....	65,146	65,422	65,852	66,235	66,372	66,781	66,862	67,014	67,294	67,595	68,064	68,477
1978.....	68,620	68,764	68,939	69,451	70,111	70,507	70,307	70,650	70,856	71,392	71,579	71,557
1979.....	72,009	72,088	72,434	72,135	71,968	72,525	72,508	72,561	73,024	73,114	73,125	73,641
1980.....	73,510	73,202	72,972	72,601	72,301	72,055	72,087	72,399	72,380	72,590	72,700	72,755
1981.....	73,017	73,229	73,662	74,028	74,626	73,801	74,334	74,469	73,901	73,969	73,841	73,406
EMPLOYED - SELF-EMPLOYED WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	5,286	5,139	5,213	5,103	5,163	5,119	5,199	5,276	5,289	5,280	5,337	5,260
1971.....	5,298	5,382	5,288	5,328	5,353	5,323	5,235	5,248	5,284	5,382	5,374	5,446
1972.....	5,501	5,531	5,408	5,371	5,360	5,261	5,362	5,396	5,289	5,293	5,279	5,341
1973.....	5,392	5,354	5,506	5,429	5,481	5,499	5,480	5,461	5,546	5,533	5,470	5,534
1974.....	5,507	5,573	5,486	5,685	5,721	5,785	5,792	5,780	5,749	5,832	5,749	5,703
1975.....	5,657	5,511	5,640	5,714	5,611	5,694	5,730	5,712	5,712	5,684	6,056	5,745
1976.....	5,771	5,762	5,701	5,684	5,814	5,751	5,751	5,762	5,834	5,787	5,898	5,887
1977.....	5,925	5,918	5,977	6,025	6,113	6,142	6,037	6,273	6,233	6,224	6,218	6,289
1978.....	6,339	6,321	6,474	6,546	6,413	6,376	6,377	6,380	6,367	6,418	6,513	6,628
1979.....	6,645	6,681	6,668	6,572	6,806	6,797	6,952	6,837	6,835	6,902	6,909	6,874
1980.....	6,929	6,991	6,974	6,931	6,883	6,857	6,975	7,033	7,102	7,120	7,069	7,133
1981.....	7,028	7,080	7,065	7,150	6,966	7,128	7,071	7,103	7,217	7,152	7,141	7,057
EMPLOYED - UNPAID-FAMILY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	502	482	469	468	467	483	503	510	518	526	567	538
1971.....	551	538	531	511	497	522	518	490	504	524	532	552
1972.....	541	532	561	552	576	518	474	521	493	486	477	494
1973.....	484	533	507	469	531	638	591	578	571	556	530	485
1974.....	468	476	518	498	477	492	485	423	545	493	484	509
1975.....	530	487	479	472	490	409	426	478	490	492	552	510
1976.....	518	482	451	467	443	455	442	464	438	472	461	486
1977.....	430	515	539	501	520	518	510	497	506	476	488	466
1978.....	461	493	517	510	501	465	470	460	468	461	463	475
1979.....	489	468	472	485	470	479	502	460	447	430	419	417
1980.....	393	412	402	384	424	451	424	411	421	420	406	402
1981.....	421	384	374	325	356	376	389	387	399	451	425	410

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
EMPLOYED - PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES												
1970.....	71,047	70,699	70,924	71,191	70,622	70,533	71,240	70,449	69,876	70,703	70,651	70,869
1971.....	71,150	71,016	70,727	70,114	71,391	71,395	70,898	70,926	71,812	71,982	72,426	72,561
1972.....	73,077	73,112	73,579	73,987	74,048	73,793	73,985	74,359	74,459	74,389	74,742	74,971
1973.....	74,219	75,675	76,063	76,670	76,589	76,756	77,099	77,117	77,327	77,700	77,727	78,072
1974.....	77,742	78,080	78,100	76,749	78,358	78,530	78,532	78,504	78,522	78,386	78,111	77,426
1975.....	77,538	76,943	76,809	77,605	76,845	77,214	76,029	77,365	77,691	77,917	78,105	78,400
1976.....	79,524	79,428	79,324	78,960	80,020	80,532	80,161	80,097	80,959	80,872	81,209	81,467
1977.....	81,157	82,084	82,480	82,663	83,024	82,994	83,589	83,830	84,168	84,321	84,896	85,011
1978.....	84,883	85,423	85,749	87,776	87,118	87,519	87,382	87,731	87,885	88,240	88,377	88,678
1979.....	88,924	89,034	89,377	88,579	89,692	89,534	90,450	90,619	90,606	90,437	90,348	91,063
1980.....	90,924	90,627	90,282	89,924	89,782	89,878	89,160	90,039	90,251	90,411	90,651	90,597
1981.....	91,322	91,287	91,405	91,094	91,745	91,500	92,532	91,569	90,878	91,384	91,323	90,922
EMPLOYED - NONAGRICULTURAL WORKERS ON FULL-TIME SCHEDULES												
1970.....	59,639	59,403	59,442	59,293	58,984	58,950	59,459	58,707	58,814	58,948	58,955	59,039
1971.....	59,082	59,172	58,748	58,636	59,546	59,305	58,972	58,954	59,770	59,789	60,131	60,428
1972.....	60,667	60,761	61,215	61,518	61,586	61,578	61,628	61,709	61,927	62,131	62,421	62,668
1973.....	62,475	63,291	63,588	64,058	63,961	64,119	64,694	64,386	64,283	64,538	64,595	64,665
1974.....	64,658	64,784	64,950	64,260	65,078	65,256	65,082	65,154	65,095	64,836	64,267	63,493
1975.....	63,185	62,776	62,477	63,029	62,631	62,638	61,631	63,108	63,726	63,819	64,042	64,510
1976.....	65,094	65,253	65,322	64,955	65,714	65,807	65,950	65,663	66,113	66,199	66,549	66,818
1977.....	66,722	67,142	67,553	67,773	68,210	68,257	68,656	68,863	69,068	69,126	69,602	69,807
1978.....	69,954	70,306	70,583	71,879	71,462	72,149	72,142	72,499	72,349	72,689	72,821	73,231
1979.....	73,388	73,412	73,783	73,137	74,054	73,869	74,494	74,675	74,682	74,691	74,403	74,660
1980.....	74,510	74,436	74,151	73,491	72,958	73,031	72,220	73,103	73,558	73,739	73,901	73,973
1981.....	74,387	74,482	74,453	74,259	74,871	74,693	75,620	74,467	73,794	73,886	73,915	73,360
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS												
1970.....	1,980	1,888	1,965	2,310	2,228	2,155	2,279	2,214	2,123	2,377	2,373	2,544
1971.....	2,543	2,510	2,501	2,474	2,482	2,227	2,421	2,443	2,355	2,500	2,583	2,418
1972.....	2,487	2,340	2,433	2,520	2,387	2,580	2,514	2,548	2,424	2,316	2,253	2,192
1973.....	2,043	2,182	2,172	2,150	2,216	2,543	2,490	2,444	2,424	2,424	2,437	2,571
1974.....	2,525	2,673	2,472	2,377	2,667	2,577	2,610	2,745	2,917	2,975	3,229	3,347
1975.....	3,716	3,655	3,789	3,827	3,714	3,514	3,442	3,400	3,348	3,376	3,333	3,305
1976.....	3,424	3,288	3,247	3,266	3,329	3,170	3,220	3,259	3,421	3,473	3,541	3,467
1977.....	3,391	3,547	3,372	3,234	3,326	3,375	3,480	3,318	3,379	3,324	3,350	3,303
1978.....	3,144	3,316	3,289	3,374	3,300	3,423	3,349	3,361	3,334	3,269	3,234	3,146
1979.....	3,272	3,285	3,312	3,389	3,359	3,410	3,370	3,423	3,268	3,341	3,472	3,566
1980.....	3,567	3,539	3,531	3,943	4,397	4,172	4,243	4,315	4,312	4,236	4,222	4,191
1981.....	4,451	4,227	4,290	4,200	4,264	4,033	4,374	4,350	4,656	5,009	5,026	5,288
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS - USUALLY WORK FULL TIME												
1970.....	1,067	1,084	1,098	1,343	1,243	1,176	1,251	1,260	1,030	1,323	1,222	1,380
1971.....	1,374	1,254	1,261	1,277	1,214	1,035	1,148	1,149	1,113	1,155	1,224	1,101
1972.....	1,154	1,120	1,149	1,105	1,092	1,089	1,096	1,098	1,127	1,062	1,029	968
1973.....	896	982	953	987	1,032	1,124	1,210	1,235	1,173	1,142	1,171	1,197
1974.....	1,196	1,298	1,245	1,076	1,232	1,241	1,218	1,265	1,356	1,404	1,624	1,821
1975.....	1,986	1,955	1,886	1,858	1,713	1,575	1,569	1,487	1,438	1,475	1,418	1,362
1976.....	1,434	1,355	1,282	1,365	1,432	1,296	1,296	1,352	1,385	1,365	1,293	1,274
1977.....	1,212	1,433	1,277	1,228	1,308	1,285	1,405	1,200	1,264	1,294	1,270	1,288
1978.....	1,161	1,232	1,287	1,278	1,247	1,361	1,323	1,357	1,351	1,245	1,332	1,248
1979.....	1,273	1,302	1,292	1,324	1,280	1,354	1,347	1,477	1,344	1,393	1,488	1,535
1980.....	1,561	1,445	1,505	1,751	2,033	1,828	1,865	1,794	1,788	1,693	1,663	1,635
1981.....	1,688	1,650	1,660	1,593	1,657	1,465	1,680	1,729	1,759	2,006	1,945	2,121
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS - USUALLY WORK PART TIME												
1970.....	913	804	867	967	985	979	1,028	954	1,093	1,054	1,151	1,164
1971.....	1,169	1,256	1,240	1,197	1,268	1,192	1,273	1,294	1,242	1,345	1,359	1,317
1972.....	1,333	1,220	1,284	1,415	1,295	1,491	1,418	1,450	1,297	1,254	1,224	1,224
1973.....	1,147	1,200	1,219	1,163	1,184	1,419	1,280	1,209	1,251	1,282	1,266	1,374
1974.....	1,329	1,375	1,227	1,301	1,435	1,336	1,392	1,480	1,561	1,571	1,605	1,526
1975.....	1,730	1,700	1,903	1,969	2,001	1,939	1,873	1,913	1,910	1,901	1,915	1,943
1976.....	1,990	1,933	1,965	1,901	1,897	1,874	1,924	1,907	2,036	2,108	2,248	2,193
1977.....	2,179	2,114	2,095	2,006	2,018	2,090	2,075	2,118	2,115	2,030	2,080	2,015
1978.....	1,983	2,084	2,002	2,096	2,053	2,062	2,026	2,004	1,983	2,024	1,902	1,898
1979.....	1,999	1,983	2,020	2,065	2,079	2,056	2,023	1,946	1,924	1,948	1,984	2,031
1980.....	2,006	2,094	2,026	2,192	2,364	2,344	2,378	2,521	2,524	2,543	2,559	2,556
1981.....	2,763	2,577	2,630	2,607	2,607	2,568	2,694	2,621	2,897	3,003	3,081	3,167
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR NONECONOMIC REASONS - USUALLY WORK PART TIME												
1970.....	9,428	9,408	9,517	9,588	9,410	9,428	9,502	9,528	8,939	9,378	9,323	9,286
1971.....	9,525	9,334	9,478	9,004	9,363	9,863	9,505	9,529	9,687	9,693	9,712	9,715
1972.....	9,923	10,011	9,931	9,949	10,075	9,635	9,843	10,102	10,108	9,942	10,068	10,111
1973.....	9,701	10,202	10,303	10,462	10,412	10,094	9,915	10,287	10,620	10,738	10,695	10,836
1974.....	10,559	10,623	10,678	10,112	10,613	10,697	10,840	10,605	10,510	10,575	10,615	10,586
1975.....	10,637	10,512	10,543	10,749	10,500	11,062	10,956	10,857	10,617	10,722	10,730	10,585
1976.....	11,006	10,887	10,755	10,739	10,977	11,555	10,991	11,175	11,425	11,200	11,119	11,182
1977.....	11,044	11,395	11,555	11,656	11,488	11,362	11,453	11,649	11,721	11,871	11,944	11,901
1978.....	11,785	11,801	11,877	12,523	12,356	11,947	11,891	11,871	12,202	12,282	12,322	12,301
1979.....	12,264	12,337	12,282	12,053	12,279	12,255	12,586	12,521	12,656	12,405	12,473	12,837
1980.....	12,847	12,652	12,600	12,490	12,427	12,675	12,697	12,621	12,381	12,436	12,528	12,433
1981.....	12,484	12,578	12,662	12,635	12,610	12,774	12,538	12,752	12,428	12,489	12,382	12,274

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYMENT-POPULATION RATIO - ALL CIVILIAN WORKERS												
1970.....	56.6	56.5	56.5	56.5	56.2	56.0	56.1	55.9	55.7	55.8	55.7	55.5
1971.....	55.6	55.4	55.3	55.4	55.5	55.1	55.4	55.5	55.5	55.6	55.7	55.8
1972.....	55.7	55.7	56.0	55.9	56.0	56.1	56.1	56.2	56.1	56.0	56.2	56.4
1973.....	56.1	56.6	56.8	56.8	56.8	57.1	57.0	56.9	57.0	57.2	57.4	57.3
1974.....	57.3	57.4	57.3	57.1	57.2	57.1	57.2	57.0	56.9	56.8	56.4	56.0
1975.....	55.6	55.3	55.2	55.1	55.2	55.0	55.2	55.4	55.3	55.3	55.2	55.3
1976.....	55.7	55.8	55.9	56.1	56.2	56.0	56.2	56.2	56.1	56.1	56.2	56.3
1977.....	56.3	56.4	56.7	56.9	57.1	57.1	57.1	57.2	57.3	57.4	57.8	57.9
1978.....	58.0	58.0	58.1	58.4	58.5	58.8	58.5	58.7	58.7	58.9	59.0	59.0
1979.....	59.1	59.3	59.2	59.0	59.0	59.2	59.3	59.1	59.4	59.2	59.2	59.4
1980.....	59.2	59.2	58.9	58.5	58.4	58.2	58.2	58.1	58.2	58.2	58.3	58.3
1981.....	58.3	58.4	58.5	58.7	58.8	58.3	58.5	58.4	58.0	58.0	57.9	57.5
EMPLOYMENT-POPULATION RATIO - MALES 20 YEARS AND OVER												
1970.....	76.7	76.6	76.6	76.5	76.4	76.1	75.9	75.8	75.7	75.6	75.5	75.3
1971.....	75.3	75.1	75.1	75.4	75.5	75.3	75.4	75.4	75.3	75.3	75.3	75.3
1972.....	75.3	75.4	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.7	75.9	76.1
1973.....	75.9	76.1	76.4	76.2	76.1	76.2	76.5	76.2	76.1	76.4	76.5	76.5
1974.....	76.7	76.5	76.3	76.0	76.1	75.9	75.6	75.6	75.5	75.3	75.0	74.3
1975.....	73.7	73.3	73.0	72.8	72.8	72.6	72.9	73.0	72.7	72.7	72.6	72.6
1976.....	72.9	73.0	73.1	73.4	73.4	73.0	73.2	73.4	73.3	73.3	73.2	73.1
1977.....	73.2	73.2	73.4	73.5	73.5	73.7	73.7	73.8	73.8	74.0	74.2	74.4
1978.....	74.3	74.3	74.3	74.5	74.6	74.8	74.6	74.5	74.5	74.5	74.9	74.8
1979.....	75.0	75.1	74.8	74.7	74.7	74.8	74.8	74.6	74.7	74.5	74.3	74.3
1980.....	74.1	74.2	73.7	73.1	72.9	72.5	72.4	72.4	72.4	72.5	72.6	72.6
1981.....	72.6	72.5	72.7	72.9	72.9	72.4	72.6	72.4	72.2	71.8	71.5	71.1
EMPLOYMENT-POPULATION RATIO - FEMALES 20 YEARS AND OVER												
1970.....	41.5	41.3	41.4	41.6	41.0	41.2	41.4	41.2	40.8	41.1	41.0	41.0
1971.....	41.1	40.8	40.7	40.6	40.7	40.5	40.5	40.6	40.9	41.0	41.2	41.3
1972.....	41.2	41.2	41.3	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.4	41.5
1973.....	41.3	41.8	41.9	42.1	42.2	42.3	42.3	42.2	42.4	42.5	42.7	42.6
1974.....	42.4	42.7	42.8	42.8	42.8	42.9	43.3	43.0	42.8	42.7	42.4	42.4
1975.....	42.2	41.9	42.0	42.1	42.1	42.2	42.3	42.5	42.5	42.6	42.5	42.6
1976.....	43.0	43.1	43.2	43.3	43.5	43.6	43.6	43.7	43.5	43.5	43.9	44.1
1977.....	43.9	44.0	44.3	44.5	44.9	44.6	44.6	44.6	45.1	45.0	45.4	45.5
1978.....	45.8	45.9	46.1	46.3	46.3	46.5	46.4	46.5	46.9	47.1	47.1	47.2
1979.....	47.1	47.3	47.5	47.2	47.4	47.4	47.7	47.8	47.9	47.9	48.0	48.2
1980.....	48.2	48.2	48.1	48.0	47.9	47.9	47.9	48.0	48.0	47.9	48.0	47.9
1981.....	48.2	48.3	48.5	48.6	48.8	48.7	48.7	48.7	48.1	48.5	48.5	48.3
EMPLOYMENT-POPULATION RATIO - BOTH SEXES 16-19 YEARS												
1970.....	42.3	42.3	42.4	41.4	41.5	40.0	41.0	40.9	41.2	40.7	40.4	40.3
1971.....	40.6	40.8	40.0	40.7	40.3	38.2	40.6	41.0	40.2	40.4	41.0	41.2
1972.....	41.6	41.3	42.1	42.3	42.7	42.7	42.6	43.3	42.3	42.8	43.1	43.4
1973.....	42.8	43.7	44.8	44.3	44.1	45.8	44.6	44.7	45.2	45.8	45.8	45.9
1974.....	46.0	45.9	45.7	45.1	44.9	45.2	44.6	44.7	45.1	44.9	44.2	43.5
1975.....	43.1	42.5	42.3	41.9	42.5	41.6	41.9	41.8	42.6	42.0	42.2	42.2
1976.....	42.6	42.9	43.1	43.4	43.9	42.9	44.3	43.3	42.9	43.2	43.0	42.9
1977.....	43.0	44.1	44.2	44.7	44.7	45.4	45.4	46.3	44.9	45.9	46.4	46.6
1978.....	46.4	45.9	45.9	46.6	47.7	48.5	47.8	48.9	47.7	48.0	47.8	47.6
1979.....	48.1	48.2	48.2	47.5	47.3	48.1	47.9	46.4	47.5	47.2	47.7	48.0
1980.....	47.3	46.8	46.9	45.9	45.7	45.5	45.6	44.3	45.5	45.3	45.0	45.3
1981.....	45.0	44.8	44.6	45.3	44.8	42.8	43.5	43.8	43.5	42.9	42.4	41.6
EMPLOYMENT-POPULATION RATIO - WHITE WORKERS												
1970.....	56.6	56.5	56.6	56.5	56.2	56.0	56.1	56.0	55.9	55.9	55.8	55.7
1971.....	55.8	55.6	55.4	55.6	55.7	55.3	55.6	55.7	55.7	55.8	56.0	56.1
1972.....	56.2	56.1	56.3	56.3	56.3	56.4	56.4	56.6	56.5	56.5	56.6	56.7
1973.....	56.5	56.9	57.2	57.2	57.2	57.5	57.4	57.2	57.4	57.6	57.7	57.6
1974.....	57.6	57.8	57.8	57.6	57.6	57.6	57.7	57.5	57.4	57.3	57.0	56.7
1975.....	56.2	56.0	55.9	55.8	55.8	55.7	55.9	56.0	56.0	56.0	55.9	56.0
1976.....	56.3	56.5	56.5	56.7	56.9	56.8	57.0	56.9	56.8	56.9	56.9	57.0
1977.....	57.0	57.2	57.4	57.6	57.9	57.9	57.9	58.0	58.1	58.3	58.6	58.6
1978.....	58.7	58.7	58.7	59.1	59.2	59.5	59.3	59.4	59.4	59.6	59.7	59.8
1979.....	59.9	60.1	60.0	59.8	59.8	59.9	60.0	59.8	60.0	59.9	60.0	60.2
1980.....	60.1	60.1	59.8	59.5	59.3	59.1	59.0	58.9	59.1	59.1	59.2	59.2
1981.....	59.3	59.4	59.5	59.7	59.8	59.4	59.6	59.6	59.1	59.1	58.9	58.5
EMPLOYMENT-POPULATION RATIO - BLACK AND OTHER WORKERS												
1970.....	57.2	56.2	56.3	55.9	56.1	55.7	55.5	55.2	55.0	54.5	54.5	54.2
1971.....	54.1	54.0	54.2	53.8	53.9	53.2	53.9	53.8	54.0	53.9	53.9	52.9
1972.....	52.4	52.8	53.1	53.1	53.3	53.7	53.1	53.3	53.0	53.0	53.4	53.6
1973.....	53.1	54.0	54.2	53.8	53.5	53.5	54.1	54.1	54.1	54.6	54.4	54.6
1974.....	54.5	54.1	53.8	53.6	53.6	53.6	53.1	53.4	53.4	52.9	52.0	51.3
1975.....	50.8	50.6	50.1	50.0	50.2	50.3	50.4	50.5	50.6	50.6	50.5	50.3
1976.....	50.6	50.5	51.2	51.3	51.3	50.6	51.0	51.1	51.1	50.9	51.5	51.1
1977.....	51.1	51.1	51.2	51.4	51.2	51.7	51.2	51.2	51.5	51.5	51.9	52.9
1978.....	52.6	53.1	53.2	53.4	53.5	53.9	53.5	54.0	54.3	54.3	54.1	54.0
1979.....	53.6	53.6	54.2	53.6	53.6	54.1	54.3	54.2	54.5	54.5	54.1	53.9
1980.....	53.2	53.1	52.6	52.2	52.2	52.1	52.4	52.5	52.3	52.3	52.3	52.0
1981.....	52.1	51.7	51.9	52.3	52.0	51.2	51.3	51.1	51.1	51.0	51.0	50.7

HOUSEHOLD DATA¹
SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - ALL CIVILIAN WORKERS												
1970.....	3,201	3,453	3,635	3,797	3,919	4,071	4,175	4,256	4,456	4,591	4,898	5,076
1971.....	4,986	4,903	4,987	4,959	4,996	4,949	5,035	5,134	5,042	4,954	5,161	5,154
1972.....	5,019	4,928	5,038	4,959	4,922	4,923	4,913	4,939	4,849	4,875	4,602	4,543
1973.....	4,326	4,452	4,394	4,459	4,329	4,363	4,305	4,305	4,350	4,144	4,396	4,489
1974.....	4,644	4,731	4,634	4,618	4,705	4,927	5,063	5,022	5,437	5,523	6,140	6,636
1975.....	7,501	7,520	7,978	8,210	8,433	8,220	8,127	7,928	7,923	7,897	7,794	7,744
1976.....	7,534	7,326	7,230	7,330	7,053	7,322	7,490	7,518	7,380	7,430	7,620	7,545
1977.....	7,280	7,443	7,307	7,059	6,911	7,134	6,829	6,925	6,751	6,763	6,815	6,386
1978.....	6,488	6,304	6,340	6,188	6,161	5,995	6,314	6,077	6,121	5,947	6,074	6,250
1979.....	6,106	6,148	6,108	6,076	5,913	5,913	5,985	6,298	6,173	6,293	6,255	6,409
1980.....	6,660	6,635	6,714	7,370	8,059	8,024	8,330	8,239	8,024	8,109	8,066	7,899
1981.....	8,022	7,965	7,958	7,899	8,248	8,004	7,824	7,978	8,236	8,669	9,100	9,571
UNEMPLOYED - MALES												
1970.....	1,666	1,846	1,890	2,065	2,126	2,294	2,336	2,370	2,483	2,558	2,680	2,884
1971.....	2,795	2,731	2,723	2,712	2,782	2,769	2,802	2,870	2,807	2,744	2,861	2,904
1972.....	2,807	2,829	2,811	2,727	2,701	2,636	2,574	2,628	2,587	2,587	2,494	2,443
1973.....	2,267	2,337	2,329	2,355	2,341	2,250	2,207	2,214	2,207	2,142	2,265	2,310
1974.....	2,434	2,511	2,433	2,479	2,447	2,575	2,586	2,662	2,821	2,940	3,236	3,602
1975.....	4,075	4,160	4,427	4,621	4,745	4,690	4,638	4,453	4,521	4,429	4,395	4,269
1976.....	4,142	3,961	3,931	4,011	3,928	4,048	4,050	3,969	3,992	4,027	4,197	4,161
1977.....	3,920	4,034	3,847	3,689	3,729	3,715	3,567	3,615	3,409	3,521	3,436	3,280
1978.....	3,337	3,323	3,320	3,166	3,094	2,911	3,040	3,007	3,037	3,069	3,039	3,210
1979.....	3,118	3,114	3,105	3,079	2,967	2,910	3,068	3,149	3,178	3,215	3,262	3,307
1980.....	3,538	3,483	3,612	4,098	4,606	4,608	4,774	4,708	4,698	4,607	4,564	4,384
1981.....	4,456	4,419	4,375	4,300	4,571	4,415	4,171	4,385	4,506	4,798	5,133	5,578
UNEMPLOYED - FEMALES												
1970.....	1,535	1,607	1,745	1,732	1,793	1,777	1,839	1,886	1,973	2,033	2,218	2,192
1971.....	2,191	2,172	2,264	2,247	2,214	2,180	2,233	2,264	2,235	2,210	2,300	2,250
1972.....	2,212	2,099	2,227	2,232	2,221	2,287	2,339	2,311	2,262	2,288	2,108	2,100
1973.....	2,059	2,115	2,065	2,104	1,988	2,113	2,098	2,091	2,143	2,002	2,131	2,179
1974.....	2,210	2,220	2,201	2,139	2,258	2,352	2,477	2,360	2,616	2,583	2,904	3,034
1975.....	3,426	3,360	3,551	3,589	3,688	3,530	3,489	3,475	3,402	3,468	3,399	3,475
1976.....	3,392	3,365	3,299	3,319	3,125	3,274	3,440	3,549	3,388	3,403	3,423	3,384
1977.....	3,360	3,409	3,460	3,370	3,182	3,419	3,262	3,310	3,342	3,242	3,379	3,106
1978.....	3,151	2,981	3,020	3,022	3,067	3,084	3,274	3,070	3,084	2,878	3,035	3,040
1979.....	2,988	3,034	3,003	2,997	2,946	3,003	2,917	3,149	2,995	3,078	2,993	3,102
1980.....	3,122	3,152	3,102	3,272	3,453	3,416	3,556	3,531	3,326	3,502	3,502	3,515
1981.....	3,566	3,546	3,583	3,599	3,677	3,589	3,653	3,593	3,730	3,871	3,967	3,993
UNEMPLOYED - BOTH SEXES 16-19 YEARS												
1970.....	967	959	969	1,060	1,022	1,157	1,060	1,137	1,191	1,228	1,279	1,259
1971.....	1,249	1,205	1,245	1,210	1,241	1,265	1,346	1,280	1,243	1,275	1,294	1,302
1972.....	1,324	1,429	1,379	1,321	1,218	1,276	1,251	1,357	1,314	1,276	1,288	1,289
1973.....	1,086	1,267	1,201	1,309	1,255	1,194	1,207	1,184	1,268	1,261	1,318	1,288
1974.....	1,291	1,322	1,318	1,243	1,351	1,457	1,497	1,301	1,541	1,548	1,594	1,614
1975.....	1,745	1,711	1,760	1,747	1,823	1,840	1,837	1,832	1,738	1,751	1,673	1,760
1976.....	1,754	1,740	1,700	1,783	1,701	1,657	1,681	1,799	1,670	1,716	1,735	1,721
1977.....	1,707	1,691	1,726	1,673	1,656	1,788	1,639	1,663	1,681	1,622	1,642	1,461
1978.....	1,579	1,624	1,635	1,591	1,560	1,470	1,623	1,558	1,588	1,567	1,574	1,622
1979.....	1,567	1,565	1,546	1,587	1,557	1,479	1,505	1,568	1,596	1,579	1,522	1,588
1980.....	1,568	1,570	1,537	1,516	1,789	1,727	1,819	1,757	1,680	1,718	1,704	1,640
1981.....	1,757	1,769	1,761	1,766	1,782	1,683	1,654	1,694	1,749	1,801	1,886	1,853
UNEMPLOYED - MALES 16-19 YEARS												
1970.....	478	512	508	571	573	670	601	615	653	668	657	692
1971.....	695	662	668	663	689	708	723	710	665	715	695	726
1972.....	736	836	777	708	695	655	614	730	709	677	703	701
1973.....	579	644	634	685	670	622	641	639	664	675	705	682
1974.....	679	702	698	683	711	775	753	705	843	811	856	875
1975.....	948	946	951	989	973	1,063	1,027	1,000	936	940	898	923
1976.....	981	920	919	1,009	960	881	914	923	917	951	956	934
1977.....	874	898	908	865	882	946	869	895	877	842	852	771
1978.....	803	853	856	835	778	710	814	781	809	843	818	859
1979.....	838	841	840	835	810	725	785	815	847	796	797	809
1980.....	816	801	786	822	976	964	1,002	977	942	1,000	969	908
1981.....	995	986	965	963	976	918	873	926	937	947	1,028	1,035
UNEMPLOYED - FEMALES 16-19 YEARS												
1970.....	489	447	461	489	449	487	459	522	538	560	622	567
1971.....	554	543	577	547	552	557	623	570	578	560	599	576
1972.....	588	593	602	613	523	621	637	627	605	599	585	588
1973.....	507	623	567	624	585	572	566	545	604	586	613	606
1974.....	612	620	620	560	640	682	744	596	698	737	738	739
1975.....	797	765	809	758	850	777	810	832	802	811	775	837
1976.....	773	790	781	774	741	776	767	876	753	765	779	787
1977.....	833	793	818	808	774	842	770	768	804	780	790	690
1978.....	776	771	779	756	782	760	809	777	779	724	756	763
1979.....	729	724	706	752	747	754	720	753	749	783	725	779
1980.....	752	769	751	694	813	763	817	780	738	718	735	732
1981.....	762	783	796	803	806	765	781	768	812	854	858	818

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - BOTH SEXES 20 YEARS AND OVER												
1970.....	2,234	2,494	2,666	2,737	2,897	2,914	3,115	3,119	3,265	3,363	3,619	3,817
1971.....	3,737	3,698	3,742	3,749	3,755	3,684	3,689	3,854	3,799	3,679	3,867	3,852
1972.....	3,695	3,499	3,659	3,638	3,704	3,647	3,662	3,582	3,535	3,599	3,314	3,254
1973.....	3,240	3,185	3,193	3,150	3,074	3,169	3,098	3,121	3,082	2,883	3,078	3,201
1974.....	3,353	3,409	3,316	3,375	3,354	3,470	3,566	3,721	3,896	3,975	4,546	5,022
1975.....	5,756	5,809	6,218	6,463	6,610	6,380	6,290	6,096	6,185	6,146	6,121	5,984
1976.....	5,780	5,616	5,530	5,547	5,352	5,665	5,809	5,719	5,710	5,714	5,885	5,824
1977.....	5,573	5,752	5,581	5,386	5,255	5,346	5,190	5,262	5,070	5,141	5,173	4,925
1978.....	4,909	4,680	4,705	4,597	4,601	4,525	4,691	4,519	4,533	4,380	4,500	4,628
1979.....	4,539	4,583	4,562	4,489	4,356	4,434	4,480	4,730	4,577	4,714	4,733	4,821
1980.....	5,092	5,065	5,177	5,854	6,270	6,297	6,511	6,482	6,344	6,391	6,362	6,259
1981.....	6,265	6,196	6,197	6,133	6,466	6,321	6,170	6,284	6,487	6,868	7,214	7,718
UNEMPLOYED - MALES 20 YEARS AND OVER												
1970.....	1,188	1,334	1,382	1,494	1,553	1,624	1,735	1,755	1,830	1,890	2,023	2,192
1971.....	2,100	2,069	2,055	2,049	2,093	2,061	2,079	2,160	2,142	2,029	2,166	2,178
1972.....	2,071	1,993	2,034	2,019	2,006	1,981	1,960	1,898	1,878	1,910	1,791	1,742
1973.....	1,688	1,693	1,695	1,670	1,671	1,628	1,566	1,575	1,543	1,467	1,560	1,628
1974.....	1,755	1,809	1,735	1,796	1,736	1,800	1,833	1,957	1,978	2,129	2,380	2,727
1975.....	3,127	3,214	3,476	3,632	3,772	3,627	3,611	3,453	3,585	3,489	3,497	3,346
1976.....	3,161	3,041	3,012	3,002	2,968	3,167	3,136	3,046	3,075	3,076	3,241	3,227
1977.....	3,046	3,136	2,939	2,824	2,847	2,769	2,698	2,720	2,532	2,679	2,584	2,509
1978.....	2,534	2,470	2,464	2,331	2,316	2,201	2,226	2,226	2,228	2,226	2,221	2,351
1979.....	2,280	2,273	2,265	2,244	2,157	2,185	2,283	2,334	2,331	2,419	2,465	2,498
1980.....	2,722	2,682	2,826	3,276	3,630	3,644	3,772	3,731	3,756	3,607	3,595	3,476
1981.....	3,461	3,433	3,410	3,337	3,595	3,497	3,298	3,459	3,569	3,851	4,105	4,543
UNEMPLOYED - FEMALES 20 YEARS AND OVER												
1970.....	1,046	1,160	1,284	1,243	1,344	1,290	1,380	1,364	1,435	1,473	1,596	1,625
1971.....	1,637	1,629	1,687	1,700	1,662	1,623	1,610	1,694	1,657	1,650	1,701	1,674
1972.....	1,624	1,506	1,625	1,619	1,698	1,666	1,702	1,684	1,657	1,689	1,523	1,512
1973.....	1,552	1,492	1,498	1,480	1,403	1,541	1,532	1,546	1,539	1,416	1,518	1,573
1974.....	1,598	1,600	1,581	1,579	1,618	1,670	1,733	1,764	1,918	1,846	2,166	2,295
1975.....	2,629	2,595	2,742	2,831	2,838	2,753	2,679	2,643	2,600	2,657	2,624	2,638
1976.....	2,619	2,575	2,518	2,545	2,384	2,498	2,673	2,673	2,635	2,638	2,644	2,597
1977.....	2,527	2,616	2,642	2,562	2,408	2,577	2,492	2,542	2,538	2,462	2,589	2,416
1978.....	2,375	2,210	2,241	2,266	2,285	2,324	2,465	2,293	2,305	2,154	2,279	2,277
1979.....	2,259	2,310	2,297	2,245	2,199	2,249	2,197	2,396	2,246	2,295	2,268	2,323
1980.....	2,370	2,383	2,351	2,578	2,640	2,653	2,739	2,751	2,588	2,784	2,767	2,783
1981.....	2,804	2,763	2,787	2,796	2,871	2,824	2,872	2,825	2,918	3,017	3,109	3,175
UNEMPLOYED - BOTH SEXES 20-24 YEARS												
1970.....	653	761	713	776	813	817	905	901	1,010	987	1,075	1,099
1971.....	1,081	1,094	1,110	1,116	1,182	1,160	1,101	1,167	1,118	1,092	1,204	1,164
1972.....	1,168	1,091	1,171	1,149	1,137	1,103	1,175	1,114	1,125	1,187	1,073	1,060
1973.....	1,008	1,006	998	1,024	1,000	1,028	1,047	1,013	1,047	917	964	1,012
1974.....	1,082	1,113	1,047	1,058	1,138	1,155	1,195	1,290	1,300	1,258	1,429	1,576
1975.....	1,666	1,782	1,883	1,970	2,037	1,822	1,928	1,867	1,937	1,888	1,869	1,795
1976.....	1,765	1,671	1,676	1,712	1,644	1,702	1,662	1,719	1,670	1,784	1,792	1,764
1977.....	1,665	1,764	1,669	1,615	1,617	1,624	1,591	1,686	1,599	1,558	1,566	1,518
1978.....	1,606	1,558	1,559	1,537	1,389	1,452	1,524	1,417	1,454	1,346	1,430	1,437
1979.....	1,381	1,419	1,428	1,365	1,379	1,402	1,427	1,508	1,485	1,502	1,418	1,586
1980.....	1,629	1,594	1,584	1,793	1,966	1,927	1,956	1,951	1,933	1,980	1,948	1,844
1981.....	1,922	1,916	1,896	1,939	2,047	1,942	1,847	1,949	1,972	2,054	2,088	2,168
UNEMPLOYED - MALES 20-24 YEARS												
1970.....	333	384	369	421	429	437	512	510	594	606	620	643
1971.....	620	606	609	608	660	649	629	680	653	634	681	677
1972.....	672	624	689	672	607	600	647	594	599	645	598	583
1973.....	537	544	525	548	537	546	516	525	523	487	508	522
1974.....	573	606	561	563	601	611	614	693	687	711	794	849
1975.....	934	997	1,080	1,171	1,168	1,073	1,140	1,102	1,173	1,112	1,070	1,005
1976.....	973	916	922	921	914	963	949	932	921	996	992	1,008
1977.....	906	966	897	886	877	874	862	931	856	811	811	791
1978.....	859	845	831	786	676	727	744	737	734	717	740	758
1979.....	724	727	722	690	689	712	760	754	776	806	733	851
1980.....	911	905	918	1,052	1,150	1,156	1,155	1,183	1,175	1,193	1,138	1,059
1981.....	1,111	1,108	1,121	1,122	1,206	1,106	1,005	1,120	1,131	1,194	1,245	1,278
UNEMPLOYED - FEMALES 20-24 YEARS												
1970.....	320	377	344	355	384	380	393	391	416	381	455	456
1971.....	461	488	501	508	522	511	472	487	465	458	523	487
1972.....	496	467	482	477	530	503	528	520	526	542	475	477
1973.....	471	462	473	476	463	482	531	488	524	430	456	490
1974.....	509	507	486	495	537	544	581	597	613	547	635	727
1975.....	732	785	803	799	869	749	788	765	764	776	799	790
1976.....	792	755	754	791	730	739	713	787	749	788	800	756
1977.....	759	798	772	729	740	750	729	755	743	747	755	727
1978.....	747	713	728	751	713	725	780	680	720	629	690	679
1979.....	657	692	706	675	690	690	667	754	709	696	685	735
1980.....	718	689	666	741	816	771	801	768	758	787	810	785
1981.....	811	808	775	817	841	836	842	829	841	860	843	890

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - BOTH SEXES 25 YEARS AND OVER												
1970.....	1,574	1,737	1,946	1,951	2,074	2,123	2,219	2,221	2,245	2,395	2,550	2,711
1971.....	2,638	2,606	2,621	2,626	2,567	2,514	2,603	2,692	2,687	2,635	2,667	2,672
1972.....	2,508	2,405	2,474	2,488	2,563	2,550	2,504	2,471	2,433	2,475	2,238	2,180
1973.....	2,208	2,168	2,169	2,130	2,074	2,129	2,067	2,107	2,067	2,018	2,105	2,169
1974.....	2,245	2,275	2,241	2,316	2,229	2,296	2,399	2,429	2,649	2,795	3,094	3,411
1975.....	4,034	3,975	4,273	4,494	4,590	4,581	4,434	4,248	4,352	4,369	4,214	4,145
1976.....	3,968	3,892	3,813	3,838	3,713	3,969	4,217	4,013	4,123	4,014	4,049	4,020
1977.....	3,872	3,954	3,890	3,775	3,628	3,725	3,643	3,579	3,514	3,639	3,568	3,377
1978.....	3,288	3,115	3,151	3,071	3,189	3,067	3,183	3,101	3,104	3,072	3,041	3,161
1979.....	3,151	3,166	3,153	3,130	2,938	3,036	3,059	3,217	3,112	3,242	3,284	3,205
1980.....	3,470	3,486	3,621	4,075	4,214	4,392	4,558	4,526	4,443	4,438	4,377	4,360
1981.....	4,355	4,309	4,343	4,213	4,331	4,398	4,324	4,328	4,540	4,828	5,091	5,481
UNEMPLOYED - MALES 25 YEARS AND OVER												
1970.....	857	943	1,011	1,070	1,119	1,187	1,223	1,250	1,226	1,325	1,412	1,539
1971.....	1,476	1,450	1,438	1,439	1,426	1,393	1,454	1,491	1,493	1,467	1,484	1,484
1972.....	1,389	1,354	1,335	1,351	1,388	1,378	1,318	1,319	1,298	1,346	1,185	1,144
1973.....	1,134	1,131	1,147	1,126	1,121	1,073	1,059	1,067	1,050	1,046	1,042	1,088
1974.....	1,160	1,181	1,150	1,235	1,121	1,179	1,235	1,287	1,340	1,508	1,567	1,846
1975.....	2,146	2,168	2,344	2,472	2,560	2,566	2,507	2,399	2,516	2,501	2,396	2,304
1976.....	2,148	2,080	2,056	2,087	2,007	2,214	2,218	2,153	2,240	2,167	2,218	2,188
1977.....	2,113	2,143	2,025	1,946	1,911	1,901	1,856	1,813	1,723	1,924	1,746	1,695
1978.....	1,667	1,621	1,637	1,554	1,579	1,477	1,488	1,506	1,520	1,546	1,459	1,568
1979.....	1,556	1,555	1,555	1,561	1,404	1,481	1,524	1,596	1,574	1,640	1,707	1,620
1980.....	1,820	1,799	1,928	2,242	2,368	2,503	2,617	2,572	2,607	2,438	2,428	2,368
1981.....	2,364	2,360	2,321	2,237	2,280	2,405	2,292	2,361	2,455	2,670	2,834	3,199
UNEMPLOYED - FEMALES 25 YEARS AND OVER												
1970.....	717	794	935	881	955	936	996	971	1,019	1,070	1,138	1,172
1971.....	1,162	1,156	1,183	1,187	1,141	1,121	1,149	1,201	1,194	1,168	1,183	1,188
1972.....	1,119	1,051	1,139	1,137	1,175	1,172	1,186	1,152	1,135	1,129	1,053	1,036
1973.....	1,074	1,037	1,022	1,004	953	1,056	1,008	1,040	1,017	972	1,017	1,081
1974.....	1,085	1,094	1,091	1,081	1,108	1,117	1,164	1,142	1,139	1,287	1,527	1,565
1975.....	1,888	1,807	1,929	2,022	2,030	2,015	1,927	1,849	1,836	1,868	1,818	1,841
1976.....	1,820	1,812	1,757	1,751	1,706	1,755	1,999	1,860	1,883	1,847	1,831	1,832
1977.....	1,759	1,811	1,865	1,829	1,717	1,824	1,787	1,766	1,791	1,715	1,682	1,682
1978.....	1,621	1,494	1,514	1,517	1,610	1,590	1,695	1,595	1,584	1,526	1,582	1,593
1979.....	1,595	1,611	1,598	1,569	1,534	1,555	1,535	1,621	1,538	1,602	1,577	1,585
1980.....	1,650	1,687	1,693	1,833	1,846	1,889	1,941	1,954	1,836	2,000	1,949	1,992
1981.....	1,991	1,949	2,022	1,976	2,051	1,993	2,032	1,967	2,085	2,158	2,257	2,282
UNEMPLOYED - BOTH SEXES 25-54 YEARS												
1970.....	1,276	1,390	1,538	1,556	1,622	1,719	1,824	1,806	1,792	1,935	2,085	2,215
1971.....	2,106	2,092	2,109	2,109	2,065	2,058	2,174	2,199	2,209	2,193	2,174	2,199
1972.....	2,041	1,953	1,972	1,972	2,048	2,051	2,019	1,981	1,946	1,953	1,825	1,770
1973.....	1,797	1,787	1,779	1,777	1,728	1,771	1,662	1,737	1,659	1,631	1,711	1,814
1974.....	1,841	1,885	1,857	1,962	1,851	1,909	1,979	1,996	2,184	2,348	2,638	2,890
1975.....	3,406	3,351	3,615	3,785	3,895	3,876	3,701	3,626	3,673	3,672	3,541	3,459
1976.....	3,283	3,255	3,138	3,170	3,127	3,279	3,480	3,355	3,444	3,367	3,407	3,443
1977.....	3,243	3,288	3,280	3,172	3,070	3,148	3,035	3,044	2,939	3,019	2,966	2,815
1978.....	2,760	2,632	2,694	2,587	2,759	2,576	2,685	2,677	2,645	2,603	2,595	2,727
1979.....	2,709	2,703	2,688	2,658	2,516	2,580	2,572	2,760	2,704	2,774	2,856	2,781
1980.....	2,960	3,051	3,206	3,556	3,761	3,842	4,028	4,016	3,976	3,939	3,871	3,818
1981.....	3,836	3,768	3,793	3,683	3,871	3,845	3,786	3,819	4,010	4,255	4,536	4,804
UNEMPLOYED - MALES 25-54 YEARS												
1970.....	662	715	744	814	841	942	968	965	944	1,034	1,099	1,188
1971.....	1,122	1,092	1,108	1,100	1,110	1,119	1,178	1,182	1,214	1,190	1,196	1,204
1972.....	1,095	1,050	1,006	1,028	1,082	1,084	1,044	1,024	992	999	939	879
1973.....	901	921	932	910	897	842	811	847	798	779	798	876
1974.....	916	924	935	1,023	920	960	996	1,014	1,078	1,239	1,322	1,542
1975.....	1,772	1,795	1,946	2,032	2,151	2,152	2,097	2,028	2,092	2,069	2,003	1,893
1976.....	1,750	1,698	1,634	1,679	1,640	1,774	1,848	1,763	1,832	1,775	1,855	1,848
1977.....	1,727	1,734	1,651	1,596	1,586	1,579	1,536	1,511	1,383	1,545	1,421	1,360
1978.....	1,361	1,322	1,345	1,242	1,304	1,179	1,201	1,263	1,266	1,269	1,231	1,317
1979.....	1,294	1,284	1,289	1,274	1,167	1,197	1,243	1,329	1,327	1,379	1,473	1,368
1980.....	1,509	1,532	1,667	1,913	2,089	2,141	2,294	2,246	2,318	2,147	2,146	2,054
1981.....	2,051	2,042	2,020	1,927	2,001	2,065	1,990	2,067	2,173	2,346	2,522	2,762
UNEMPLOYED - FEMALES 25-54 YEARS												
1970.....	614	675	794	742	781	777	856	841	848	901	986	1,027
1971.....	984	1,000	1,001	1,009	955	939	996	1,017	995	1,003	978	995
1972.....	946	903	966	944	966	967	975	957	954	954	886	891
1973.....	896	866	847	867	831	929	851	890	861	852	913	938
1974.....	925	961	922	939	931	949	983	982	1,106	1,109	1,316	1,388
1975.....	1,634	1,556	1,669	1,753	1,744	1,724	1,604	1,598	1,581	1,603	1,538	1,566
1976.....	1,533	1,557	1,504	1,491	1,487	1,505	1,632	1,592	1,612	1,592	1,552	1,595
1977.....	1,516	1,554	1,629	1,576	1,484	1,569	1,499	1,533	1,556	1,474	1,545	1,455
1978.....	1,399	1,310	1,349	1,345	1,455	1,397	1,484	1,414	1,379	1,334	1,364	1,410
1979.....	1,415	1,419	1,399	1,384	1,349	1,383	1,329	1,431	1,377	1,395	1,383	1,413
1980.....	1,451	1,519	1,539	1,643	1,672	1,701	1,734	1,770	1,658	1,792	1,725	1,764
1981.....	1,785	1,726	1,773	1,756	1,870	1,780	1,796	1,752	1,837	1,909	2,014	2,042

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - MALES 25-34 YEARS												
1970.....	293	307	307	360	368	445	400	426	390	458	492	539
1971.....	501	478	506	478	489	493	545	524	540	550	566	522
1972.....	500	502	436	489	495	489	448	444	458	449	419	434
1973.....	433	441	452	438	469	424	434	459	443	428	396	432
1974.....	460	458	478	559	483	502	509	525	516	655	676	804
1975.....	867	920	983	1,024	1,041	1,077	1,039	965	1,032	989	995	945
1976.....	894	892	840	864	883	931	951	920	946	939	977	950
1977.....	917	917	882	886	870	864	888	866	819	899	805	767
1978.....	766	727	726	689	679	605	635	679	657	688	669	723
1979.....	694	708	723	673	633	629	664	731	669	704	789	757
1980.....	854	848	964	1,145	1,207	1,250	1,314	1,263	1,369	1,256	1,204	1,170
1981.....	1,168	1,152	1,125	1,086	1,145	1,172	1,115	1,168	1,212	1,315	1,400	1,559
UNEMPLOYED - FEMALES 25-34 YEARS												
1970.....	246	273	289	304	311	311	374	346	343	346	388	392
1971.....	410	432	443	425	419	395	390	403	419	421	436	446
1972.....	407	389	389	397	409	431	435	423	435	433	393	406
1973.....	428	397	398	407	431	484	416	448	400	405	460	459
1974.....	457	469	450	442	415	427	484	482	529	546	630	624
1975.....	776	725	795	824	862	854	816	785	774	782	748	764
1976.....	778	778	756	725	756	787	821	834	840	824	797	823
1977.....	786	808	819	835	739	787	757	758	773	765	779	767
1978.....	707	659	733	735	749	725	778	756	753	683	738	754
1979.....	780	773	743	730	712	762	729	759	729	749	758	745
1980.....	757	815	829	883	897	914	899	927	880	956	917	970
1981.....	979	926	961	955	1,071	960	991	956	1,001	1,031	1,080	1,084
UNEMPLOYED - MALES 35-44 YEARS												
1970.....	189	212	226	226	240	251	265	273	276	290	308	343
1971.....	310	309	290	307	317	326	329	335	347	327	332	334
1972.....	314	277	312	282	295	276	300	300	276	277	271	208
1973.....	223	225	237	224	210	209	187	188	188	171	193	240
1974.....	231	232	212	233	224	243	249	257	300	315	339	398
1975.....	455	463	517	545	569	528	516	511	494	497	515	476
1976.....	439	434	394	412	379	430	467	448	471	442	438	428
1977.....	403	422	414	366	385	386	371	348	315	357	354	304
1978.....	308	305	334	313	334	317	300	321	296	303	295	321
1979.....	328	297	292	315	287	293	312	330	386	368	411	368
1980.....	381	398	392	437	518	521	568	581	550	512	498	505
1981.....	501	529	531	526	479	505	484	487	564	613	687	743
UNEMPLOYED - FEMALES 35-44 YEARS												
1970.....	187	213	262	236	250	249	244	256	267	313	310	368
1971.....	341	318	298	317	284	289	319	341	295	326	283	297
1972.....	277	269	310	301	319	315	312	300	298	286	265	272
1973.....	264	245	241	225	235	233	230	239	257	230	245	232
1974.....	245	261	261	279	297	289	282	294	300	296	356	375
1975.....	469	444	452	505	443	450	384	434	437	456	429	429
1976.....	406	418	414	434	402	404	424	412	422	420	407	431
1977.....	386	417	417	397	409	423	424	423	432	398	425	392
1978.....	405	377	361	336	418	382	401	383	366	374	379	383
1979.....	385	373	373	355	375	371	346	413	377	386	355	388
1980.....	397	414	424	444	464	461	502	502	446	488	477	487
1981.....	491	475	495	507	482	504	483	483	529	539	575	588
UNEMPLOYED - MALES 45-54 YEARS												
1970.....	180	196	211	228	233	246	303	266	278	286	299	306
1971.....	311	305	312	315	304	300	304	323	327	313	298	348
1972.....	281	271	258	257	292	319	296	280	258	273	249	237
1973.....	245	255	243	248	218	209	190	200	167	180	209	204
1974.....	225	234	245	231	213	215	238	232	262	269	307	340
1975.....	450	412	446	463	541	547	542	552	566	583	493	472
1976.....	417	372	400	403	378	413	430	395	415	394	440	470
1977.....	407	395	355	344	331	329	277	297	249	289	262	289
1978.....	287	290	285	240	291	257	266	263	313	278	267	273
1979.....	272	279	274	286	247	275	267	268	272	307	273	243
1980.....	274	286	311	331	364	370	412	402	399	379	444	379
1981.....	382	361	364	315	377	388	391	412	397	418	435	460
UNEMPLOYED - FEMALES 45-54 YEARS												
1970.....	181	189	243	202	220	217	238	239	238	242	288	267
1971.....	233	250	260	267	252	255	287	273	281	256	259	252
1972.....	262	245	267	246	238	221	228	234	221	235	228	213
1973.....	204	224	208	235	165	212	205	203	204	217	208	247
1974.....	223	231	211	218	219	233	217	206	277	267	330	349
1975.....	389	387	422	424	439	420	404	379	370	365	361	373
1976.....	349	361	334	332	329	314	387	346	350	348	348	341
1977.....	344	329	393	344	336	359	318	352	351	311	341	296
1978.....	287	274	255	274	288	290	305	275	260	277	247	273
1979.....	250	273	283	299	262	250	254	259	271	260	270	280
1980.....	297	290	286	316	311	326	333	341	332	348	331	307
1981.....	315	325	317	294	317	316	322	313	307	339	359	370

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - BOTH SEXES 55-64 YEARS												
1970.....	227	261	293	295	327	308	307	311	351	348	350	371
1971.....	403	412	381	391	384	384	360	382	364	327	382	374
1972.....	365	362	380	396	400	407	386	381	337	378	297	328
1973.....	312	313	300	282	274	261	292	286	282	301	295	278
1974.....	294	305	286	277	290	299	311	341	335	335	343	434
1975.....	476	499	513	538	530	539	544	516	517	549	512	515
1976.....	491	499	512	525	478	531	537	538	537	509	490	472
1977.....	463	511	470	453	446	422	428	407	441	468	435	427
1978.....	384	373	338	337	322	332	331	312	356	365	343	331
1979.....	338	340	350	341	353	342	378	357	325	359	348	329
1980.....	403	331	346	406	420	417	410	417	420	410	408	428
1981.....	424	432	459	409	411	419	443	437	481	462	457	513
UNEMPLOYED - MALES 55-64 YEARS												
1970.....	139	163	188	191	209	190	196	211	225	211	240	243
1971.....	264	271	242	255	244	242	225	231	217	207	223	219
1972.....	225	229	250	237	238	248	228	241	217	243	164	199
1973.....	173	161	165	169	179	172	176	163	170	187	179	161
1974.....	179	201	157	156	152	166	183	205	187	181	182	242
1975.....	274	287	296	310	315	299	308	306	308	310	305	309
1976.....	279	289	309	304	293	323	288	310	312	294	288	269
1977.....	265	296	271	252	249	220	223	217	242	280	239	249
1978.....	212	218	206	209	199	189	198	159	184	217	186	182
1979.....	195	193	191	189	188	200	229	206	183	191	205	194
1980.....	239	198	222	247	254	261	261	265	268	253	239	246
1981.....	251	244	249	238	258	257	260	259	268	271	275	320
UNEMPLOYED - FEMALES 55-64 YEARS												
1970.....	88	98	105	104	118	118	111	100	126	137	110	128
1971.....	139	141	139	136	140	142	135	151	147	120	159	155
1972.....	140	133	130	159	162	159	158	140	120	135	133	129
1973.....	139	152	135	113	95	89	116	123	112	114	116	117
1974.....	115	104	129	121	138	133	128	136	148	154	161	192
1975.....	202	212	217	228	215	240	236	210	209	239	207	206
1976.....	212	210	203	221	185	208	249	228	225	215	202	203
1977.....	198	215	199	201	197	202	205	190	199	188	196	178
1978.....	172	155	132	128	123	143	133	153	172	148	157	149
1979.....	143	147	159	152	165	142	149	151	142	168	143	135
1980.....	164	133	124	159	166	156	149	152	152	157	169	182
1981.....	173	188	210	171	153	162	183	178	213	191	182	193
UNEMPLOYED - BOTH SEXES 65 YEARS AND OVER												
1970.....	71	91	103	92	124	99	114	93	99	96	125	135
1971.....	133	112	111	117	116	85	93	115	100	99	111	119
1972.....	98	102	100	120	111	104	109	136	125	126	107	100
1973.....	91	80	72	73	81	109	107	104	99	79	87	88
1974.....	97	101	92	89	92	87	91	117	104	111	104	108
1975.....	125	143	143	172	187	163	157	152	135	154	164	198
1976.....	170	152	164	131	138	148	162	145	137	139	150	128
1977.....	151	161	149	139	144	137	138	135	145	151	162	155
1978.....	135	110	126	135	142	139	136	116	130	100	101	111
1979.....	106	116	121	110	105	96	93	107	115	103	88	94
1980.....	102	96	76	94	93	91	108	108	96	86	104	86
1981.....	92	94	90	100	98	103	91	89	91	112	105	107
UNEMPLOYED - MALES 65 YEARS AND OVER												
1970.....	55	61	74	63	68	69	73	65	66	71	83	95
1971.....	90	81	79	80	76	53	65	77	63	58	68	60
1972.....	65	74	69	87	73	67	60	69	84	82	75	69
1973.....	55	48	40	45	52	66	78	67	69	62	59	55
1974.....	61	61	54	57	56	54	57	83	62	72	67	74
1975.....	84	96	96	118	110	112	106	98	97	106	109	113
1976.....	105	104	108	83	94	101	81	96	88	89	98	81
1977.....	110	115	104	83	94	79	90	83	97	98	106	97
1978.....	86	78	85	87	94	87	91	83	83	59	61	73
1979.....	63	71	76	78	67	63	56	62	82	71	53	56
1980.....	66	57	39	61	59	62	70	71	58	46	68	48
1981.....	55	59	49	51	49	54	50	44	49	62	58	77
UNEMPLOYED - FEMALES 65 YEARS AND OVER												
1970.....	16	30	29	29	56	30	41	28	33	25	42	40
1971.....	43	31	32	37	40	32	28	38	37	41	43	59
1972.....	33	28	31	33	38	37	49	67	41	44	32	31
1973.....	36	32	32	28	29	43	29	37	30	17	28	33
1974.....	36	40	38	32	36	33	34	34	42	39	37	34
1975.....	41	47	47	54	77	51	51	54	38	48	55	85
1976.....	65	48	56	48	44	47	81	49	49	50	52	47
1977.....	41	46	45	56	50	58	48	52	48	53	56	58
1978.....	49	32	41	48	48	52	45	33	47	41	40	38
1979.....	43	45	45	32	38	33	37	45	33	32	35	38
1980.....	36	39	37	33	34	29	38	37	38	40	36	38
1981.....	37	35	41	49	49	49	41	45	42	50	47	30

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - MALES 16-21 YEARS:	MAJOR ACTIVITY		SCHOOL									
1970.....	235	231	223	273	248	259	295	274	271	307	311	334
1971.....	333	247	312	311	324	343	284	278	325	339	305	321
1972.....	332	357	395	310	281	272	291	310	363	307	338	320
1973.....	231	238	278	327	287	248	303	311	268	290	281	280
1974.....	283	288	286	233	312	334	341	340	354	327	368	361
1975.....	386	398	357	414	387	389	351	344	374	369	356	381
1976.....	436	389	386	379	406	408	359	365	348	396	441	399
1977.....	346	400	420	358	362	365	370	383	411	389	370	326
1978.....	374	363	396	401	313	340	381	364	356	343	380	379
1979.....	345	324	352	321	326	338	366	371	349	337	307	330
1980.....	309	324	316	339	384	424	385	373	397	425	405	345
1981.....	437	443	391	399	399	389	368	394	359	386	465	419
UNEMPLOYED - MALES 16-21 YEARS:	MAJOR ACTIVITY		OTHER									
1970.....	393	436	456	465	508	606	566	589	622	628	605	630
1971.....	655	638	614	566	632	657	723	714	588	663	688	706
1972.....	725	760	714	708	674	634	622	707	595	633	618	637
1973.....	579	602	589	597	615	546	577	565	624	617	673	649
1974.....	652	651	688	707	703	728	706	730	808	824	842	880
1975.....	968	967	1,069	1,052	1,116	1,159	1,224	1,132	1,067	1,043	1,014	986
1976.....	1,010	976	967	1,018	923	881	1,005	989	985	984	985	1,000
1977.....	922	951	896	895	911	961	915	933	861	843	859	820
1978.....	850	893	849	791	773	678	788	753	804	828	796	832
1979.....	822	838	803	822	767	642	750	807	871	813	837	868
1980.....	931	877	901	967	1,073	1,072	1,116	1,095	1,051	1,069	1,078	1,010
1981.....	1,030	1,032	1,098	1,037	1,047	1,007	934	1,004	1,029	1,075	1,094	1,170
UNEMPLOYED - FEMALES 16-21 YEARS:	MAJOR ACTIVITY		SCHOOL									
1970.....	184	155	152	215	144	165	170	184	158	192	246	214
1971.....	209	216	232	218	222	263	197	211	246	217	227	211
1972.....	216	212	220	256	159	208	223	230	246	244	252	225
1973.....	166	235	211	247	223	206	237	237	225	221	213	247
1974.....	223	257	217	163	230	257	267	266	260	294	275	293
1975.....	324	297	335	287	329	312	290	293	287	337	306	308
1976.....	290	277	285	290	283	331	311	291	311	277	366	324
1977.....	318	331	339	332	323	268	291	308	342	319	335	289
1978.....	335	328	323	340	291	287	303	300	312	282	292	345
1979.....	299	288	283	283	318	249	290	308	264	326	261	358
1980.....	280	266	259	259	282	290	318	310	309	277	285	303
1981.....	299	329	330	330	325	342	319	314	325	345	372	342
UNEMPLOYED - FEMALES 16-21 YEARS:	MAJOR ACTIVITY		OTHER									
1970.....	446	464	475	462	474	485	442	515	548	549	611	568
1971.....	554	556	566	571	580	519	602	582	562	559	618	605
1972.....	620	594	615	615	598	637	653	641	614	635	579	589
1973.....	563	592	552	587	564	591	533	539	600	559	629	608
1974.....	647	647	658	657	697	651	743	644	732	724	731	759
1975.....	791	832	871	825	937	814	884	925	857	850	835	905
1976.....	816	819	802	848	770	788	760	934	741	821	779	812
1977.....	853	828	837	812	774	909	797	788	788	808	802	758
1978.....	781	755	789	736	816	820	850	791	811	738	782	783
1979.....	755	756	738	792	740	834	705	797	795	795	794	784
1980.....	775	791	795	751	909	801	823	797	750	774	807	810
1981.....	811	823	816	849	853	771	821	827	872	935	849	859
UNEMPLOYED - WHITE WORKERS												
1970.....	2,593	2,782	2,958	3,046	3,211	3,274	3,423	3,471	3,665	3,826	4,038	4,156
1971.....	4,097	3,973	4,089	4,041	4,063	4,057	4,079	4,192	4,098	4,037	4,241	4,137
1972.....	4,007	3,889	4,018	4,046	3,960	3,967	3,933	3,979	3,908	3,955	3,618	3,566
1973.....	3,473	3,518	3,453	3,508	3,417	3,422	3,313	3,386	3,418	3,306	3,455	3,549
1974.....	3,667	3,720	3,632	3,670	3,748	3,933	4,010	4,035	4,418	4,414	4,896	5,257
1975.....	6,065	6,057	6,418	6,632	6,931	6,708	6,674	6,421	6,413	6,434	6,287	6,201
1976.....	6,020	5,782	5,755	5,813	5,689	5,835	6,017	6,030	5,977	5,980	6,076	5,961
1977.....	5,782	5,905	5,769	5,587	5,433	5,602	5,265	5,261	5,210	5,189	5,156	4,826
1978.....	4,889	4,832	4,766	4,682	4,651	4,514	4,730	4,616	4,691	4,548	4,554	4,753
1979.....	4,638	4,611	4,629	4,545	4,463	4,464	4,539	4,842	4,784	4,814	4,822	4,876
1980.....	5,063	5,073	5,147	5,714	6,283	6,256	6,436	6,412	6,202	6,278	6,230	6,002
1981.....	6,231	6,164	6,103	6,119	6,429	6,088	5,956	5,942	6,256	6,631	7,037	7,319
UNEMPLOYED - WHITE WORKERS, 16-19 YEARS												
1970.....	741	740	767	834	821	892	830	895	948	975	1,011	1,009
1971.....	1,015	956	991	973	993	1,016	1,067	1,024	1,016	1,018	1,063	1,026
1972.....	1,049	1,087	1,078	1,059	947	1,014	976	1,071	1,052	986	967	976
1973.....	851	968	941	1,023	975	903	898	910	952	1,003	1,039	1,011
1974.....	1,014	1,028	1,004	975	1,044	1,142	1,121	1,013	1,232	1,200	1,237	1,254
1975.....	1,377	1,342	1,391	1,378	1,455	1,504	1,492	1,482	1,388	1,396	1,347	1,404
1976.....	1,412	1,364	1,353	1,394	1,328	1,317	1,356	1,409	1,309	1,356	1,389	1,382
1977.....	1,368	1,355	1,367	1,329	1,312	1,405	1,221	1,236	1,289	1,237	1,239	1,053
1978.....	1,174	1,231	1,214	1,204	1,153	1,086	1,187	1,191	1,197	1,206	1,180	1,233
1979.....	1,209	1,181	1,185	1,190	1,164	1,133	1,162	1,228	1,235	1,216	1,188	1,219
1980.....	1,204	1,173	1,175	1,208	1,409	1,373	1,408	1,392	1,242	1,341	1,335	1,240
1981.....	1,357	1,414	1,367	1,394	1,426	1,308	1,284	1,271	1,353	1,385	1,486	1,455

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - WHITE WORKERS 20 YEARS AND OVER												
1970.....	1,852	2,042	2,191	2,212	2,390	2,382	2,593	2,576	2,717	2,851	3,027	3,147
1971.....	3,082	3,017	3,098	3,068	3,070	3,041	3,012	3,168	3,082	3,019	3,178	3,111
1972.....	2,958	2,802	2,940	2,987	3,013	2,953	2,957	2,908	2,856	2,969	2,651	2,590
1973.....	2,622	2,550	2,512	2,485	2,442	2,519	2,415	2,476	2,466	2,303	2,416	2,538
1974.....	2,653	2,692	2,628	2,695	2,704	2,791	2,889	3,022	3,186	3,214	3,659	4,003
1975.....	4,688	4,715	5,027	5,254	5,476	5,204	5,182	4,939	5,025	5,038	4,940	4,797
1976.....	4,608	4,418	4,402	4,419	4,361	4,518	4,661	4,621	4,668	4,624	4,687	4,579
1977.....	4,414	4,550	4,402	4,258	4,121	4,197	4,044	4,025	3,921	3,952	3,917	3,773
1978.....	3,715	3,601	3,552	3,478	3,498	3,428	3,543	3,425	3,494	3,342	3,374	3,520
1979.....	3,429	3,430	3,444	3,355	3,299	3,331	3,377	3,614	3,549	3,598	3,634	3,657
1980.....	3,859	3,900	3,972	4,506	4,874	4,883	5,028	5,020	4,960	4,937	4,895	4,762
1981.....	4,874	4,750	4,736	4,725	5,003	4,780	4,672	4,671	4,903	5,246	5,551	5,864
UNEMPLOYED - WHITE MALES												
1970.....	1,378	1,509	1,559	1,684	1,772	1,886	1,967	1,981	2,066	2,189	2,262	2,363
1971.....	2,305	2,240	2,266	2,253	2,326	2,294	2,344	2,391	2,328	2,292	2,363	2,355
1972.....	2,309	2,258	2,289	2,243	2,181	2,191	2,092	2,152	2,161	2,211	2,022	1,934
1973.....	1,870	1,890	1,877	1,872	1,862	1,814	1,733	1,788	1,804	1,753	1,815	1,865
1974.....	1,949	1,969	1,880	1,965	1,974	2,050	2,098	2,157	2,307	2,412	2,594	2,861
1975.....	3,286	3,351	3,575	3,721	3,914	3,871	3,849	3,666	3,770	3,685	3,587	3,416
1976.....	3,328	3,134	3,152	3,199	3,199	3,268	3,320	3,241	3,316	3,288	3,384	3,296
1977.....	3,133	3,228	3,057	2,974	2,958	2,965	2,757	2,739	2,659	2,708	2,643	2,514
1978.....	2,526	2,567	2,559	2,391	2,345	2,248	2,329	2,327	2,355	2,402	2,293	2,462
1979.....	2,413	2,354	2,345	2,332	2,261	2,245	2,374	2,486	2,512	2,497	2,560	2,541
1980.....	2,733	2,675	2,819	3,243	3,674	3,659	3,777	3,729	3,655	3,644	3,619	3,383
1981.....	3,517	3,498	3,457	3,398	3,598	3,415	3,221	3,345	3,493	3,771	4,054	4,328
UNEMPLOYED - WHITE MALES 16-19 YEARS												
1970.....	379	404	406	455	478	534	505	499	524	541	547	558
1971.....	571	519	535	538	551	568	594	581	552	575	579	598
1972.....	602	635	621	571	539	532	503	582	586	534	536	530
1973.....	466	498	506	525	520	488	491	513	525	543	557	536
1974.....	534	540	516	521	571	601	577	541	655	629	659	679
1975.....	750	764	766	779	789	883	845	816	771	756	746	758
1976.....	810	737	752	797	767	715	757	730	713	749	774	741
1977.....	700	710	708	678	687	773	635	657	679	641	638	557
1978.....	598	649	635	622	564	551	605	611	608	664	605	658
1979.....	649	641	638	639	625	568	615	656	665	623	634	631
1980.....	642	611	602	665	780	792	800	786	697	776	764	679
1981.....	764	787	766	750	770	721	680	694	729	750	822	829
UNEMPLOYED - WHITE MALES 20 YEARS AND OVER												
1970.....	999	1,105	1,153	1,229	1,294	1,352	1,462	1,482	1,542	1,648	1,715	1,805
1971.....	1,734	1,721	1,731	1,715	1,775	1,726	1,750	1,810	1,776	1,717	1,784	1,757
1972.....	1,707	1,623	1,668	1,672	1,642	1,659	1,589	1,570	1,575	1,677	1,486	1,404
1973.....	1,404	1,392	1,371	1,347	1,342	1,326	1,242	1,275	1,279	1,210	1,258	1,329
1974.....	1,415	1,429	1,364	1,444	1,403	1,449	1,521	1,616	1,652	1,783	1,935	2,182
1975.....	2,536	2,587	2,809	2,942	3,125	2,988	3,004	2,850	2,999	2,929	2,841	2,658
1976.....	2,518	2,397	2,400	2,402	2,432	2,553	2,563	2,511	2,603	2,539	2,610	2,555
1977.....	2,433	2,518	2,349	2,296	2,271	2,192	2,122	2,082	1,980	2,067	2,005	1,957
1978.....	1,928	1,918	1,924	1,769	1,781	1,697	1,724	1,716	1,747	1,738	1,688	1,804
1979.....	1,764	1,713	1,707	1,693	1,636	1,677	1,759	1,830	1,847	1,874	1,926	1,910
1980.....	2,091	2,064	2,217	2,578	2,894	2,867	2,977	2,943	2,958	2,868	2,855	2,704
1981.....	2,753	2,711	2,691	2,648	2,828	2,694	2,541	2,651	2,764	3,021	3,232	3,499
UNEMPLOYED - WHITE FEMALES												
1970.....	1,215	1,273	1,399	1,362	1,439	1,388	1,456	1,490	1,599	1,637	1,776	1,793
1971.....	1,792	1,733	1,823	1,788	1,737	1,763	1,735	1,801	1,770	1,745	1,878	1,782
1972.....	1,698	1,631	1,729	1,803	1,779	1,776	1,841	1,827	1,747	1,744	1,596	1,632
1973.....	1,603	1,628	1,576	1,636	1,555	1,608	1,580	1,598	1,614	1,553	1,640	1,684
1974.....	1,718	1,751	1,752	1,705	1,774	1,883	1,912	1,878	2,111	2,002	2,302	2,396
1975.....	2,779	2,706	2,843	2,911	3,017	2,837	2,825	2,755	2,643	2,749	2,700	2,785
1976.....	2,692	2,648	2,603	2,614	2,490	2,567	2,697	2,789	2,661	2,692	2,692	2,665
1977.....	2,649	2,677	2,712	2,613	2,475	2,637	2,508	2,522	2,551	2,481	2,513	2,312
1978.....	2,363	2,265	2,207	2,291	2,306	2,266	2,401	2,289	2,336	2,146	2,261	2,291
1979.....	2,225	2,257	2,284	2,213	2,202	2,219	2,165	2,356	2,272	2,317	2,262	2,335
1980.....	2,330	2,398	2,328	2,471	2,609	2,597	2,659	2,683	2,547	2,634	2,611	2,619
1981.....	2,714	2,666	2,646	2,721	2,831	2,673	2,735	2,597	2,763	2,860	2,983	2,991
UNEMPLOYED - WHITE FEMALES 16-19 YEARS												
1970.....	362	336	361	379	343	358	325	396	424	434	464	451
1971.....	444	437	456	435	442	448	473	443	464	443	484	428
1972.....	447	452	457	488	408	482	473	489	466	452	431	446
1973.....	385	470	435	498	455	415	407	397	427	460	482	475
1974.....	480	488	488	454	473	541	544	472	577	571	578	575
1975.....	627	578	625	599	666	621	647	666	617	640	601	646
1976.....	602	627	601	597	561	602	599	679	596	607	615	641
1977.....	668	645	659	651	625	632	586	579	610	596	601	496
1978.....	576	582	579	582	589	535	582	580	589	542	575	575
1979.....	560	540	547	551	539	565	547	572	570	593	554	588
1980.....	562	562	573	543	629	581	608	606	545	565	571	561
1981.....	593	627	601	644	656	587	604	577	624	635	664	626

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - WHITE FEMALES 20 YEARS AND OVER												
1970.....	853	937	1,038	983	1,096	1,030	1,131	1,094	1,175	1,203	1,312	1,342
1971.....	1,348	1,296	1,367	1,353	1,295	1,315	1,262	1,358	1,306	1,302	1,394	1,354
1972.....	1,251	1,179	1,272	1,315	1,371	1,294	1,368	1,338	1,281	1,292	1,165	1,186
1973.....	1,218	1,158	1,141	1,138	1,100	1,193	1,173	1,201	1,187	1,093	1,158	1,209
1974.....	1,238	1,263	1,264	1,251	1,301	1,342	1,368	1,406	1,534	1,431	1,724	1,821
1975.....	2,152	2,128	2,218	2,312	2,351	2,216	2,178	2,089	2,026	2,109	2,099	2,139
1976.....	2,090	2,021	2,002	2,017	1,929	1,965	2,098	2,110	2,065	2,085	2,077	2,024
1977.....	1,981	2,032	2,053	1,962	1,850	2,005	1,922	1,943	1,941	1,885	1,912	1,816
1978.....	1,787	1,683	1,628	1,709	1,717	1,731	1,819	1,709	1,747	1,604	1,686	1,716
1979.....	1,665	1,717	1,737	1,662	1,663	1,654	1,618	1,784	1,702	1,724	1,708	1,747
1980.....	1,768	1,836	1,755	1,928	1,980	2,016	2,051	2,077	2,002	2,069	2,040	2,058
1981.....	2,121	2,039	2,045	2,077	2,175	2,086	2,131	2,020	2,139	2,225	2,319	2,365
UNEMPLOYED - BLACK AND OTHER WORKERS												
1970.....	616	654	666	741	724	803	746	787	794	820	851	887
1971.....	912	907	877	907	947	891	955	947	970	988	917	971
1972.....	1,031	1,014	991	906	979	947	977	971	975	996	987	935
1973.....	859	904	913	939	923	934	983	930	971	888	941	903
1974.....	979	987	978	927	975	996	1,057	1,011	1,071	1,175	1,244	1,330
1975.....	1,407	1,429	1,506	1,529	1,546	1,538	1,464	1,549	1,605	1,544	1,506	1,503
1976.....	1,479	1,526	1,434	1,477	1,398	1,521	1,462	1,521	1,468	1,497	1,536	1,557
1977.....	1,465	1,530	1,508	1,435	1,507	1,565	1,540	1,682	1,577	1,596	1,650	1,552
1978.....	1,580	1,475	1,566	1,483	1,536	1,504	1,558	1,464	1,448	1,416	1,514	1,482
1979.....	1,446	1,543	1,474	1,528	1,476	1,460	1,426	1,449	1,410	1,500	1,441	1,505
1980.....	1,566	1,558	1,554	1,667	1,816	1,782	1,892	1,810	1,856	1,872	1,859	1,839
1981.....	1,736	1,779	1,844	1,806	1,868	1,922	1,867	2,008	2,010	2,086	2,096	2,163
UNEMPLOYED - BLACK AND OTHER WORKERS 16-19 YEARS												
1970.....	226	214	199	230	206	264	217	241	249	256	269	248
1971.....	240	241	253	244	247	249	268	256	239	256	231	272
1972.....	287	332	298	273	265	260	263	286	270	288	323	313
1973.....	247	285	258	297	271	291	298	275	325	255	277	277
1974.....	292	286	315	273	293	317	366	295	317	346	359	357
1975.....	380	365	373	367	357	344	330	356	351	357	329	353
1976.....	350	346	350	384	363	355	310	398	358	361	354	335
1977.....	341	342	356	333	339	401	404	437	383	388	412	403
1978.....	409	398	415	381	406	402	424	373	376	365	402	381
1979.....	358	391	350	400	394	358	332	344	340	370	345	360
1980.....	368	405	348	316	385	365	405	367	415	386	377	389
1981.....	402	361	380	384	364	384	364	423	370	429	407	388
UNEMPLOYED - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1970.....	390	440	467	511	518	539	529	546	545	564	582	639
1971.....	672	666	624	663	700	642	687	691	731	732	686	699
1972.....	744	682	693	633	714	687	714	685	705	708	664	622
1973.....	612	619	655	642	652	643	685	655	646	633	664	626
1974.....	687	701	663	654	682	679	691	716	754	829	885	973
1975.....	1,027	1,064	1,133	1,162	1,189	1,194	1,134	1,193	1,254	1,187	1,177	1,150
1976.....	1,129	1,180	1,084	1,093	1,035	1,166	1,152	1,123	1,110	1,136	1,182	1,222
1977.....	1,124	1,188	1,152	1,102	1,168	1,164	1,136	1,245	1,194	1,208	1,238	1,189
1978.....	1,171	1,077	1,151	1,102	1,130	1,102	1,134	1,091	1,072	1,051	1,112	1,101
1979.....	1,088	1,152	1,124	1,128	1,082	1,102	1,094	1,105	1,070	1,130	1,096	1,145
1980.....	1,198	1,153	1,206	1,351	1,431	1,417	1,487	1,443	1,441	1,486	1,482	1,450
1981.....	1,334	1,418	1,464	1,422	1,504	1,538	1,503	1,585	1,640	1,657	1,689	1,775
UNEMPLOYED - BLACK AND OTHER MALES												
1970.....	298	322	324	365	358	415	386	390	425	428	412	475
1971.....	506	469	444	445	449	476	485	489	503	527	496	497
1972.....	502	547	501	468	510	442	503	492	462	453	474	468
1973.....	392	417	430	465	468	436	489	440	445	442	450	413
1974.....	475	515	532	483	465	534	510	532	575	595	645	694
1975.....	757	765	804	842	829	852	819	833	864	824	817	813
1976.....	778	790	745	758	733	823	742	764	757	783	818	839
1977.....	754	777	767	667	773	793	809	897	792	831	793	756
1978.....	792	745	752	742	748	698	709	696	697	677	749	734
1979.....	690	762	757	731	702	688	695	677	675	728	714	740
1980.....	788	808	782	855	928	963	1,011	996	1,060	989	970	950
1981.....	907	911	904	916	972	1,006	963	1,052	1,028	1,060	1,109	1,168
UNEMPLOYED - BLACK AND OTHER MALES 16-19 YEARS												
1970.....	104	102	98	115	96	134	103	114	132	127	115	129
1971.....	133	135	132	124	134	139	138	129	121	139	119	124
1972.....	143	192	154	134	149	122	117	149	129	141	170	171
1973.....	122	135	128	154	142	136	153	128	145	130	147	148
1974.....	154	156	184	149	131	180	176	170	193	181	199	195
1975.....	206	179	189	193	179	195	172	191	167	184	155	164
1976.....	175	182	170	193	188	192	144	201	202	203	187	190
1977.....	175	191	199	167	192	204	223	246	192	202	219	209
1978.....	208	204	217	198	212	189	202	177	190	180	219	194
1979.....	191	202	194	187	182	181	168	166	167	174	170	171
1980.....	179	192	173	155	192	190	207	199	228	224	209	222
1981.....	236	200	187	214	204	209	201	241	192	198	208	201

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - BLACK AND OTHER MALES 20 YEARS AND OVER												
1970.....	194	220	226	250	262	281	283	276	293	301	297	346
1971.....	373	334	312	321	315	337	347	360	382	388	377	373
1972.....	359	355	347	334	361	320	386	343	333	312	304	297
1973.....	270	282	302	311	326	300	336	312	300	312	303	265
1974.....	321	359	348	334	334	354	334	362	382	414	446	499
1975.....	551	586	615	649	650	657	647	642	697	640	662	649
1976.....	603	608	575	565	545	631	598	563	555	580	631	649
1977.....	579	586	568	500	581	589	586	651	600	629	574	547
1978.....	584	541	535	544	536	509	507	519	507	497	530	540
1979.....	499	560	563	544	520	507	527	511	508	554	544	569
1980.....	609	616	609	700	736	773	804	797	832	765	761	728
1981.....	671	711	717	702	768	797	762	811	836	862	901	967
UNEMPLOYED - BLACK AND OTHER FEMALES												
1970.....	318	332	342	376	366	388	360	397	369	392	439	412
1971.....	406	438	433	462	498	415	470	458	467	461	421	474
1972.....	529	467	490	438	469	505	474	479	513	543	513	467
1973.....	467	487	483	474	455	498	494	490	526	446	491	490
1974.....	504	472	446	444	510	462	547	479	496	580	599	636
1975.....	650	664	702	687	717	686	645	716	741	720	689	690
1976.....	701	736	689	719	665	698	720	757	711	714	718	718
1977.....	711	753	741	768	734	772	731	785	785	765	857	796
1978.....	788	730	814	741	788	806	849	768	751	739	765	748
1979.....	756	781	717	797	774	772	731	772	735	772	727	765
1980.....	778	750	772	812	888	819	881	814	796	883	889	889
1981.....	829	868	940	890	896	916	904	956	982	1,026	987	995
UNEMPLOYED - BLACK AND OTHER FEMALES 16-19 YEARS												
1970.....	122	112	101	115	110	130	114	127	117	129	154	119
1971.....	107	106	121	120	113	110	130	127	118	117	112	148
1972.....	144	140	144	139	116	138	146	137	141	147	153	142
1973.....	125	150	130	143	129	155	145	147	180	125	130	129
1974.....	138	130	131	124	162	137	190	125	124	165	160	162
1975.....	174	186	184	174	178	149	158	165	184	173	174	189
1976.....	175	164	180	191	175	163	166	197	156	158	167	145
1977.....	166	151	157	166	147	197	181	191	191	186	193	194
1978.....	201	194	198	183	194	213	222	196	186	185	183	187
1979.....	167	189	156	213	212	177	164	178	173	196	175	189
1980.....	189	213	175	161	193	175	198	168	187	162	168	167
1981.....	166	161	193	170	160	175	163	182	178	231	199	187
UNEMPLOYED - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1970.....	196	220	241	261	256	258	246	270	252	263	285	293
1971.....	299	332	312	342	385	305	340	331	349	344	309	326
1972.....	385	327	346	299	353	367	328	342	372	396	360	325
1973.....	342	337	353	331	326	343	349	343	346	321	361	361
1974.....	366	342	315	320	348	325	357	354	372	415	439	474
1975.....	476	478	518	513	539	537	487	551	557	547	515	501
1976.....	526	572	509	528	490	535	554	560	555	556	551	573
1977.....	545	602	584	602	587	575	550	594	594	579	664	602
1978.....	587	536	616	558	594	593	627	572	565	554	582	561
1979.....	589	592	561	584	562	595	567	594	562	576	552	576
1980.....	589	537	597	651	695	644	683	646	609	721	721	722
1981.....	663	707	747	720	736	741	741	774	804	795	788	808
UNEMPLOYED - BLACK WORKERS												
1972.....	951	935	903	852	897	901	917	931	913	929	886	832
1973.....	786	942	924	891	858	875	899	834	881	808	849	823
1974.....	873	875	876	865	897	926	954	911	1,003	1,069	1,147	1,204
1975.....	1,294	1,303	1,382	1,406	1,401	1,394	1,307	1,417	1,442	1,386	1,358	1,359
1976.....	1,340	1,358	1,279	1,324	1,255	1,361	1,330	1,378	1,306	1,332	1,356	1,364
1977.....	1,332	1,391	1,355	1,251	1,334	1,389	1,376	1,518	1,449	1,454	1,483	1,402
1978.....	1,430	1,341	1,353	1,327	1,349	1,333	1,356	1,280	1,263	1,242	1,344	1,315
1979.....	1,298	1,421	1,321	1,357	1,313	1,300	1,292	1,320	1,271	1,335	1,271	1,318
1980.....	1,389	1,381	1,370	1,479	1,579	1,581	1,672	1,600	1,649	1,665	1,656	1,651
1981.....	1,570	1,601	1,653	1,638	1,666	1,723	1,633	1,802	1,815	1,875	1,886	1,947
UNEMPLOYED - BLACK MALES 16-19 YEARS												
1972.....	137	160	130	140	155	125	126	152	132	145	156	157
1973.....	107	218	203	148	148	131	148	113	137	132	133	135
1974.....	140	130	162	140	132	168	167	151	182	164	185	179
1975.....	194	155	169	189	173	188	158	184	161	174	144	153
1976.....	159	152	149	170	184	183	148	187	184	183	166	173
1977.....	161	171	176	143	180	186	210	233	181	192	206	193
1978.....	192	191	201	187	193	167	179	165	170	150	192	169
1979.....	167	185	175	169	160	170	158	155	155	162	156	155
1980.....	162	165	158	143	174	173	188	181	208	201	187	206
1981.....	217	182	163	206	184	180	183	223	172	180	186	179

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - BLACK FEMALES 16-19 YEARS												
1972.....	141	137	138	136	112	141	138	140	133	142	140	140
1973.....	119	139	125	139	122	146	142	136	166	120	127	129
1974.....	132	127	129	121	155	132	176	113	122	155	152	151
1975.....	164	167	170	162	162	139	138	154	174	162	157	170
1976.....	160	155	172	177	161	153	155	183	144	146	162	142
1977.....	162	147	145	156	135	195	171	174	184	173	179	183
1978.....	186	177	183	172	178	198	193	180	166	169	171	177
1979.....	150	173	143	199	190	169	158	170	164	183	162	169
1980.....	174	187	163	146	175	164	179	153	169	152	151	156
1981.....	155	149	185	159	147	161	141	175	172	217	189	176
UNEMPLOYED - BLACK MALES 20 YEARS AND OVER												
1972.....	344	327	303	290	306	287	341	316	309	289	275	261
1973.....	249	256	270	278	286	270	288	275	265	271	261	236
1974.....	289	316	311	304	302	326	282	330	357	382	409	452
1975.....	505	524	563	583	573	594	572	579	616	570	596	590
1976.....	547	546	511	507	480	546	533	509	503	517	562	551
1977.....	513	506	504	423	512	500	507	583	546	561	516	486
1978.....	532	479	453	471	453	439	434	438	425	439	474	472
1979.....	457	496	499	472	459	441	468	464	450	483	474	503
1980.....	553	536	525	619	638	678	711	700	744	672	666	628
1981.....	593	616	630	629	684	715	657	713	767	778	818	877
UNEMPLOYED - BLACK FEMALES 20 YEARS AND OVER												
1972.....	329	311	332	286	324	348	312	323	339	353	315	274
1973.....	311	329	326	326	302	328	321	310	313	285	328	323
1974.....	312	302	274	300	308	300	329	317	342	368	401	422
1975.....	431	457	480	472	493	473	439	500	491	480	461	446
1976.....	474	505	447	470	430	479	494	499	475	486	466	498
1977.....	496	567	530	529	507	508	488	528	538	528	582	540
1978.....	520	494	516	497	525	529	550	497	502	484	507	497
1979.....	524	567	504	517	504	520	508	531	502	507	479	491
1980.....	500	493	524	571	592	566	594	566	528	640	652	661
1981.....	605	654	675	644	651	667	652	691	704	700	693	715
UNEMPLOYED - MARRIED WORKERS, SPOUSE PRESENT												
1970.....	1,414	1,583	1,772	1,760	1,844	1,865	1,988	2,001	2,094	2,150	2,299	2,370
1971.....	2,365	2,323	2,347	2,325	2,311	2,277	2,265	2,333	2,339	2,255	2,417	2,315
1972.....	2,219	2,157	2,154	2,173	2,197	2,194	2,194	2,137	2,134	2,138	1,986	1,950
1973.....	1,933	1,913	1,887	1,861	1,843	1,824	1,792	1,879	1,799	1,743	1,839	1,888
1974.....	1,937	2,011	1,907	1,895	1,853	2,024	2,143	2,230	2,363	2,336	2,725	3,021
1975.....	3,579	3,580	3,836	4,081	4,196	3,984	3,814	3,715	3,769	3,701	3,549	3,449
1976.....	3,321	3,264	3,188	3,161	3,153	3,318	3,391	3,333	3,370	3,301	3,316	3,243
1977.....	3,111	3,226	3,134	3,045	2,932	2,910	2,837	2,807	2,777	2,860	2,809	2,713
1978.....	2,606	2,471	2,480	2,338	2,512	2,401	2,374	2,401	2,426	2,310	2,341	2,439
1979.....	2,392	2,406	2,372	2,377	2,195	2,308	2,313	2,490	2,383	2,489	2,440	2,501
1980.....	2,707	2,685	2,734	3,083	3,342	3,406	3,543	3,518	3,372	3,377	3,259	3,195
1981.....	3,243	3,141	3,175	3,052	3,123	3,171	3,057	3,006	3,291	3,504	3,752	3,985
UNEMPLOYED - MARRIED MEN, SPOUSE PRESENT												
1970.....	723	799	876	906	959	990	1,058	1,096	1,119	1,179	1,261	1,316
1971.....	1,294	1,262	1,238	1,210	1,251	1,214	1,235	1,281	1,287	1,179	1,329	1,274
1972.....	1,192	1,129	1,105	1,119	1,109	1,127	1,102	1,057	1,110	1,129	1,012	975
1973.....	976	965	973	943	912	883	851	872	855	869	898	916
1974.....	957	980	938	959	889	1,021	1,072	1,115	1,137	1,216	1,355	1,534
1975.....	1,850	1,889	2,034	2,205	2,321	2,233	2,173	2,087	2,139	2,083	1,970	1,891
1976.....	1,744	1,683	1,680	1,643	1,643	1,757	1,754	1,670	1,766	1,704	1,745	1,701
1977.....	1,635	1,661	1,547	1,506	1,465	1,395	1,366	1,363	1,313	1,443	1,339	1,314
1978.....	1,261	1,203	1,238	1,147	1,142	1,111	1,066	1,083	1,080	1,066	1,010	1,099
1979.....	1,104	1,126	1,086	1,128	989	1,073	1,124	1,176	1,169	1,201	1,240	1,222
1980.....	1,417	1,323	1,407	1,670	1,824	1,894	1,991	1,974	1,923	1,876	1,797	1,737
1981.....	1,711	1,668	1,672	1,558	1,632	1,723	1,601	1,620	1,785	1,945	2,098	2,306
UNEMPLOYED - MARRIED WOMEN, SPOUSE PRESENT												
1970.....	691	784	896	854	885	875	930	905	975	971	1,038	1,054
1971.....	1,071	1,061	1,109	1,115	1,060	1,063	1,030	1,052	1,052	1,076	1,088	1,041
1972.....	1,027	1,028	1,049	1,054	1,088	1,067	1,092	1,080	1,024	1,009	974	975
1973.....	957	948	914	918	931	941	941	1,007	944	874	941	972
1974.....	980	1,031	969	936	964	1,003	1,071	1,115	1,226	1,120	1,370	1,487
1975.....	1,729	1,691	1,802	1,876	1,875	1,751	1,641	1,628	1,630	1,618	1,579	1,558
1976.....	1,577	1,581	1,508	1,518	1,510	1,561	1,637	1,663	1,604	1,597	1,571	1,542
1977.....	1,476	1,565	1,587	1,539	1,467	1,515	1,471	1,444	1,464	1,417	1,470	1,399
1978.....	1,345	1,268	1,242	1,191	1,370	1,290	1,308	1,318	1,346	1,244	1,331	1,340
1979.....	1,288	1,280	1,286	1,249	1,206	1,235	1,189	1,314	1,214	1,288	1,200	1,279
1980.....	1,290	1,362	1,327	1,413	1,518	1,512	1,552	1,544	1,449	1,501	1,462	1,458
1981.....	1,532	1,473	1,503	1,494	1,491	1,448	1,456	1,386	1,506	1,559	1,654	1,679

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - WOMEN WHO MAINTAIN FAMILIES												
1970.....	133	137	158	110	145	142	175	179	164	198	196	191
1971.....	200	231	220	227	251	232	232	238	249	233	240	281
1972.....	236	227	231	239	238	264	252	251	255	293	226	216
1973.....	243	230	247	247	231	279	245	229	241	252	291	255
1974.....	242	234	238	248	268	255	241	252	285	277	330	325
1975.....	351	380	390	375	421	408	421	406	394	426	407	427
1976.....	441	429	401	407	383	404	429	448	449	454	424	452
1977.....	417	413	423	409	392	421	409	447	483	432	437	378
1978.....	391	370	422	483	449	431	485	410	416	375	390	395
1979.....	391	422	416	406	436	462	416	419	416	432	437	439
1980.....	471	445	458	474	432	446	460	496	482	543	523	550
1981.....	558	533	529	557	578	601	627	562	601	598	613	594
UNEMPLOYED - FULL-TIME WORKERS												
1970.....	2,427	2,663	2,787	2,938	3,158	3,193	3,304	3,356	3,487	3,656	3,911	4,032
1971.....	3,902	3,868	3,884	3,857	3,981	3,928	4,007	4,060	4,068	3,971	4,102	4,091
1972.....	3,933	3,843	3,894	3,858	3,954	3,837	3,910	3,871	3,756	3,832	3,474	3,420
1973.....	3,402	3,441	3,393	3,385	3,324	3,253	3,253	3,280	3,303	3,175	3,391	3,422
1974.....	3,567	3,607	3,563	3,628	3,653	3,750	3,928	3,889	4,248	4,430	4,851	5,272
1975.....	6,059	6,124	6,493	6,798	7,078	6,772	6,721	6,420	6,666	6,605	6,426	6,276
1976.....	6,045	5,854	5,849	5,864	5,724	5,995	5,945	5,998	6,056	6,060	6,107	6,146
1977.....	5,792	5,867	5,742	5,626	5,539	5,585	5,458	5,534	5,362	5,398	5,331	5,052
1978.....	5,118	5,005	4,953	4,766	4,819	4,671	4,965	4,733	4,768	4,606	4,650	4,810
1979.....	4,702	4,804	4,726	4,763	4,511	4,613	4,694	4,878	4,854	4,943	4,955	5,021
1980.....	5,276	5,241	5,397	5,987	6,568	6,666	6,908	6,833	6,732	6,709	6,747	6,617
1981.....	6,611	6,537	6,553	6,442	6,631	6,577	6,365	6,400	6,757	7,204	7,545	8,127
UNEMPLOYED - FULL-TIME WORKERS 16-19 YEARS												
1970.....	517	537	562	604	612	677	624	657	654	668	723	682
1971.....	687	676	696	660	710	729	816	721	691	715	741	761
1972.....	753	781	762	772	718	719	714	768	717	697	681	734
1973.....	664	711	685	703	679	573	666	642	703	704	776	739
1974.....	763	750	762	733	761	793	858	763	896	910	936	904
1975.....	1,036	1,011	1,051	1,062	1,130	1,130	1,113	1,080	1,035	1,031	977	1,035
1976.....	1,033	976	1,017	1,082	1,002	980	885	1,046	997	1,017	964	991
1977.....	959	978	942	957	928	990	930	951	905	889	914	844
1978.....	872	901	891	856	866	776	940	855	879	874	877	885
1979.....	848	861	854	882	827	795	826	862	929	889	874	897
1980.....	884	905	889	849	1,080	1,011	1,047	1,001	983	972	1,013	962
1981.....	1,023	988	1,016	988	1,021	972	948	911	1,008	1,044	1,057	1,109
UNEMPLOYED - FULL-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	1,076	1,221	1,254	1,343	1,425	1,488	1,586	1,601	1,698	1,800	1,878	2,027
1971.....	1,906	1,890	1,857	1,865	1,901	1,909	1,919	2,023	2,009	1,954	2,012	2,019
1972.....	1,873	1,802	1,827	1,826	1,817	1,789	1,806	1,753	1,750	1,826	1,618	1,575
1973.....	1,538	1,542	1,542	1,494	1,520	1,476	1,407	1,431	1,399	1,370	1,412	1,449
1974.....	1,554	1,605	1,567	1,650	1,585	1,630	1,696	1,782	1,847	2,042	2,181	2,505
1975.....	2,892	2,953	3,195	3,402	3,482	3,417	3,404	3,245	3,473	3,369	3,277	3,112
1976.....	2,881	2,754	2,749	2,737	2,730	2,949	2,933	2,836	2,955	2,922	3,013	3,003
1977.....	2,775	2,833	2,699	2,600	2,579	2,555	2,512	2,513	2,390	2,515	2,365	2,275
1978.....	2,307	2,278	2,240	2,129	2,097	2,035	2,047	2,051	2,051	2,073	2,025	2,146
1979.....	2,114	2,093	2,083	2,076	1,936	2,019	2,102	2,149	2,150	2,245	2,305	2,318
1980.....	2,528	2,482	2,652	3,093	3,298	3,463	3,594	3,570	3,616	3,436	3,416	3,326
1981.....	3,257	3,224	3,223	3,155	3,229	3,342	3,095	3,228	3,342	3,644	3,872	4,296
UNEMPLOYED - FULL-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	834	905	971	991	1,121	1,028	1,094	1,098	1,135	1,188	1,310	1,323
1971.....	1,309	1,302	1,331	1,332	1,370	1,290	1,272	1,316	1,368	1,302	1,349	1,311
1972.....	1,307	1,260	1,305	1,260	1,419	1,329	1,390	1,350	1,289	1,309	1,175	1,111
1973.....	1,200	1,188	1,166	1,188	1,125	1,204	1,180	1,207	1,201	1,101	1,203	1,234
1974.....	1,250	1,252	1,234	1,245	1,307	1,327	1,374	1,344	1,505	1,478	1,734	1,863
1975.....	2,131	2,160	2,247	2,334	2,466	2,225	2,204	2,095	2,158	2,205	2,172	2,129
1976.....	2,131	2,124	2,083	2,045	1,992	2,066	2,127	2,116	2,104	2,121	2,130	2,152
1977.....	2,058	2,056	2,101	2,069	2,032	2,040	2,016	2,070	2,067	1,994	2,052	1,933
1978.....	1,939	1,826	1,822	1,781	1,856	1,860	1,978	1,827	1,838	1,659	1,748	1,779
1979.....	1,740	1,850	1,789	1,805	1,748	1,799	1,766	1,867	1,775	1,809	1,776	1,806
1980.....	1,864	1,854	1,856	2,045	2,190	2,192	2,267	2,262	2,133	2,301	2,318	2,329
1981.....	2,331	2,325	2,314	2,299	2,381	2,263	2,322	2,261	2,407	2,516	2,616	2,722
UNEMPLOYED - PART-TIME WORKERS												
1970.....	776	835	841	787	857	894	900	962	985	1,012	1,044	1,044
1971.....	1,080	1,005	1,076	1,094	1,054	990	1,050	1,078	994	1,057	1,069	1,043
1972.....	1,074	1,048	1,113	1,116	1,008	1,064	1,022	1,071	1,100	1,120	1,118	1,089
1973.....	905	975	971	1,098	1,055	1,093	1,081	1,022	1,055	1,025	998	1,025
1974.....	1,048	1,089	1,048	1,012	1,112	1,155	1,154	1,121	1,230	1,187	1,277	1,309
1975.....	1,387	1,353	1,427	1,409	1,427	1,417	1,415	1,475	1,405	1,432	1,377	1,421
1976.....	1,431	1,442	1,352	1,471	1,388	1,305	1,568	1,478	1,422	1,450	1,486	1,375
1977.....	1,448	1,565	1,558	1,427	1,404	1,550	1,385	1,350	1,452	1,404	1,454	1,319
1978.....	1,347	1,305	1,401	1,420	1,346	1,331	1,364	1,307	1,380	1,347	1,396	1,434
1979.....	1,390	1,358	1,397	1,312	1,375	1,317	1,305	1,392	1,335	1,352	1,297	1,383
1980.....	1,378	1,405	1,329	1,387	1,391	1,381	1,408	1,357	1,348	1,427	1,351	1,271
1981.....	1,417	1,433	1,432	1,461	1,518	1,462	1,471	1,546	1,502	1,492	1,596	1,417

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - PART-TIME WORKERS 16-19 YEARS												
1970.....	460	389	403	459	415	467	458	481	532	556	561	590
1971.....	575	493	546	559	535	519	550	557	548	555	556	545
1972.....	585	616	615	569	503	534	553	587	592	575	613	552
1973.....	435	532	515	632	580	598	549	535	565	558	547	543
1974.....	539	557	559	538	591	639	638	529	648	638	665	703
1975.....	717	693	716	709	693	690	717	735	711	723	699	719
1976.....	723	733	692	717	695	663	792	737	685	701	774	727
1977.....	748	714	797	719	723	795	710	693	788	733	731	616
1978.....	704	723	756	732	689	696	686	684	722	693	703	734
1979.....	712	706	701	700	723	690	683	684	679	690	659	680
1980.....	681	668	653	663	706	728	770	734	707	743	709	661
1981.....	729	784	750	775	760	725	702	758	749	759	850	723
UNEMPLOYED - PART-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	109	117	123	129	124	128	142	153	144	148	157	169
1971.....	184	172	185	165	183	140	157	142	158	159	160	157
1972.....	178	170	186	186	178	196	160	161	159	168	162	156
1973.....	127	126	127	178	144	159	173	165	167	153	135	164
1974.....	171	171	142	142	188	182	155	198	181	175	184	201
1975.....	185	200	220	217	273	221	232	231	241	242	235	218
1976.....	233	230	227	263	226	235	226	221	212	227	221	220
1977.....	240	255	221	222	247	229	201	215	191	205	210	234
1978.....	210	165	223	208	179	179	194	180	195	176	188	207
1979.....	162	164	188	176	169	181	193	199	192	189	162	183
1980.....	192	188	180	193	209	200	186	170	182	199	192	153
1981.....	209	200	197	190	244	176	222	258	240	227	244	243
UNEMPLOYED - PART-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	207	260	309	253	248	262	294	266	286	281	294	285
1971.....	321	340	345	370	336	331	343	379	288	343	353	341
1972.....	311	262	312	361	327	334	309	323	349	377	343	381
1973.....	343	317	329	288	331	336	359	322	323	314	316	318
1974.....	338	361	347	332	373	334	361	394	401	374	428	405
1975.....	485	460	491	483	461	506	466	509	453	467	443	484
1976.....	475	479	433	491	467	407	550	520	525	522	491	428
1977.....	460	596	540	486	434	526	474	442	473	466	513	469
1978.....	433	417	422	480	478	456	484	443	463	478	505	493
1979.....	516	488	508	436	483	446	429	509	464	473	476	520
1980.....	505	549	496	531	476	453	452	453	459	485	450	457
1981.....	479	449	485	496	514	561	547	530	513	506	502	451
UNEMPLOYED - JOB LOSERS												
1970.....	1,245	1,403	1,511	1,602	1,829	1,805	1,859	1,944	2,078	2,233	2,341	2,396
1971.....	2,331	2,333	2,236	2,321	2,344	2,283	2,331	2,416	2,358	2,270	2,376	2,300
1972.....	2,238	2,117	2,137	2,055	2,222	2,149	2,170	2,224	2,120	2,021	1,918	1,886
1973.....	1,791	1,733	1,678	1,663	1,633	1,707	1,631	1,661	1,686	1,510	1,736	1,815
1974.....	2,040	2,039	1,985	1,993	1,927	1,986	2,090	2,118	2,326	2,406	2,894	3,261
1975.....	3,934	4,049	4,335	4,590	4,879	4,812	4,623	4,483	4,668	4,359	4,213	3,957
1976.....	3,749	3,588	3,644	3,658	3,580	3,726	3,755	3,671	3,649	3,604	3,685	3,745
1977.....	3,355	3,547	3,353	3,166	3,104	3,082	3,051	3,154	3,078	2,997	2,990	2,793
1978.....	2,808	2,686	2,662	2,618	2,591	2,447	2,554	2,504	2,421	2,509	2,465	2,573
1979.....	2,569	2,621	2,581	2,605	2,327	2,417	2,534	2,747	2,660	2,822	2,863	2,874
1980.....	3,155	3,098	3,217	3,706	4,132	4,443	4,531	4,436	4,434	4,326	4,288	4,229
1981.....	3,982	4,050	3,989	3,958	4,032	4,173	3,867	4,106	4,426	4,573	4,905	5,343
UNEMPLOYED - JOB LOSERS ON LAYOFF												
1970.....	448	521	581	616	673	693	734	671	829	886	900	865
1971.....	771	749	729	739	712	674	672	763	825	724	739	733
1972.....	656	608	591	584	584	617	638	569	560	524	524	488
1973.....	485	493	471	460	522	434	429	485	430	374	511	531
1974.....	628	700	667	637	580	631	676	661	753	791	1,059	1,265
1975.....	1,480	1,620	1,775	1,936	2,016	2,023	1,740	1,617	1,718	1,599	1,382	1,309
1976.....	1,010	1,026	1,015	1,087	1,048	1,059	1,094	1,072	1,113	992	1,019	1,079
1977.....	836	1,027	938	850	814	847	860	895	828	851	771	730
1978.....	775	743	705	651	686	619	687	704	695	649	763	768
1979.....	803	835	811	867	682	754	767	951	844	918	1,028	991
1980.....	1,105	1,122	1,156	1,446	1,756	1,872	1,879	1,765	1,761	1,683	1,452	1,446
1981.....	1,305	1,312	1,323	1,303	1,357	1,302	1,225	1,276	1,452	1,631	1,826	2,042
UNEMPLOYED - JOB LOSERS NOT ON LAYOFF												
1970.....	797	882	930	986	1,156	1,112	1,125	1,273	1,249	1,347	1,441	1,531
1971.....	1,560	1,584	1,507	1,582	1,632	1,609	1,659	1,653	1,533	1,546	1,637	1,567
1972.....	1,582	1,509	1,546	1,471	1,638	1,532	1,532	1,655	1,560	1,497	1,394	1,398
1973.....	1,306	1,240	1,207	1,203	1,111	1,273	1,202	1,176	1,256	1,136	1,225	1,284
1974.....	1,412	1,339	1,318	1,356	1,347	1,355	1,414	1,457	1,573	1,615	1,835	1,996
1975.....	2,454	2,429	2,560	2,654	2,863	2,789	2,883	2,866	2,950	2,760	2,831	2,688
1976.....	2,739	2,562	2,629	2,571	2,532	2,667	2,661	2,599	2,536	2,612	2,666	2,666
1977.....	2,519	2,520	2,415	2,316	2,290	2,235	2,191	2,259	2,250	2,146	2,219	2,063
1978.....	2,033	1,943	1,957	1,967	1,905	1,828	1,867	1,800	1,726	1,860	1,702	1,805
1979.....	1,766	1,786	1,770	1,738	1,645	1,663	1,767	1,796	1,816	1,904	1,839	1,883
1980.....	2,050	1,976	2,061	2,260	2,376	2,571	2,652	2,671	2,673	2,643	2,836	2,783
1981.....	2,677	2,738	2,666	2,655	2,675	2,871	2,642	2,830	2,974	2,942	3,079	3,301

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
IN THOUSANDS												
UNEMPLOYED - JOB LEAVERS												
1970.....	462	468	469	548	522	571	606	571	566	615	600	587
1971.....	642	636	577	601	607	494	530	584	608	561	621	628
1972.....	581	603	649	610	654	625	649	670	668	689	636	644
1973.....	582	672	696	674	638	690	679	656	687	666	795	761
1974.....	752	770	728	750	699	766	769	786	761	837	781	796
1975.....	778	769	811	840	869	799	822	788	838	830	896	891
1976.....	859	886	786	875	871	897	972	995	949	957	890	871
1977.....	949	902	939	892	902	954	857	901	894	914	913	910
1978.....	873	930	892	903	794	862	887	848	885	841	847	945
1979.....	941	866	909	874	895	875	872	900	860	859	868	845
1980.....	820	858	839	955	930	919	890	930	885	888	928	850
1981.....	923	911	901	903	1,004	896	926	879	921	976	916	923
UNEMPLOYED - REENTRANTS												
1970.....	1,031	1,109	1,165	1,182	1,133	1,197	1,259	1,263	1,311	1,236	1,406	1,463
1971.....	1,405	1,321	1,505	1,442	1,470	1,512	1,516	1,499	1,510	1,487	1,529	1,471
1972.....	1,563	1,511	1,545	1,537	1,393	1,392	1,456	1,421	1,426	1,492	1,413	1,337
1973.....	1,379	1,398	1,347	1,487	1,421	1,250	1,336	1,382	1,318	1,278	1,259	1,273
1974.....	1,225	1,268	1,256	1,300	1,479	1,459	1,513	1,494	1,649	1,478	1,703	1,756
1975.....	1,879	1,709	1,897	1,937	1,993	1,925	1,872	1,922	1,861	1,930	1,836	1,972
1976.....	1,952	1,900	1,862	1,860	1,791	1,876	1,945	1,994	1,963	1,944	2,077	1,963
1977.....	2,016	2,017	1,999	2,012	2,006	1,979	1,901	1,919	1,921	1,927	1,958	1,906
1978.....	1,865	1,853	1,901	1,745	1,804	1,843	1,936	1,789	1,989	1,727	1,848	1,990
1979.....	1,756	1,819	1,805	1,777	1,754	1,817	1,805	1,862	1,865	1,783	1,767	1,875
1980.....	1,828	1,843	1,843	1,953	1,973	1,902	1,935	1,979	1,946	2,047	1,952	1,940
1981.....	2,051	2,020	2,069	2,044	2,106	2,039	2,078	2,034	2,058	2,178	2,339	2,244
UNEMPLOYED - NEW ENTRANTS												
1970.....	474	476	464	494	450	505	438	507	537	547	590	572
1971.....	578	573	612	612	632	604	649	684	605	657	655	697
1972.....	659	675	675	804	699	715	638	668	656	646	646	646
1973.....	639	664	684	692	674	686	651	608	642	617	609	618
1974.....	654	626	640	591	636	672	688	632	730	776	780	762
1975.....	784	816	769	771	829	756	845	877	824	877	851	888
1976.....	888	868	858	900	856	857	806	914	949	942	936	979
1977.....	929	956	1,001	978	881	1,112	991	959	964	903	919	853
1978.....	933	881	919	911	883	838	908	916	840	851	887	858
1979.....	841	874	824	812	829	809	741	770	836	825	752	894
1980.....	828	841	820	755	889	889	953	898	890	904	920	886
1981.....	1,015	943	988	988	956	973	940	971	977	1,002	996	1,021
UNEMPLOYED - LESS THAN 5 WEEKS												
1970.....	1,800	1,950	1,978	2,139	2,109	2,100	2,132	2,182	2,235	2,386	2,338	2,369
1971.....	2,302	2,178	2,144	2,206	2,229	2,180	2,210	2,337	2,301	2,222	2,304	2,320
1972.....	2,324	2,111	2,303	2,229	2,192	2,279	2,248	2,285	2,353	2,351	2,191	2,003
1973.....	2,035	2,259	2,136	2,260	2,223	2,322	2,271	2,290	2,211	2,063	2,288	2,332
1974.....	2,400	2,432	2,413	2,337	2,457	2,497	2,526	2,609	2,723	2,723	3,052	3,125
1975.....	3,293	2,947	3,193	2,915	3,051	2,872	2,882	2,808	2,878	2,962	2,718	2,762
1976.....	2,749	2,799	2,628	2,938	2,795	2,787	2,965	2,893	2,910	2,945	2,826	2,921
1977.....	2,894	3,015	2,993	3,015	2,754	3,138	2,859	2,896	2,883	2,883	2,924	2,729
1978.....	2,823	2,763	2,870	2,751	2,866	2,788	3,069	2,857	2,943	2,790	2,908	2,972
1979.....	2,791	2,892	2,836	2,935	2,761	2,937	2,889	3,291	2,961	3,053	3,049	3,036
1980.....	3,206	3,121	3,069	3,373	3,732	3,388	3,457	3,422	3,175	3,265	3,176	3,148
1981.....	3,290	3,267	3,277	3,189	3,378	3,303	3,323	3,326	3,529	3,707	3,852	4,037
UNEMPLOYED - 5-14 WEEKS												
1970.....	933	1,048	1,133	1,106	1,241	1,290	1,329	1,348	1,448	1,470	1,713	1,586
1971.....	1,626	1,633	1,637	1,575	1,566	1,606	1,549	1,568	1,568	1,546	1,629	1,518
1972.....	1,489	1,470	1,418	1,500	1,534	1,489	1,515	1,541	1,390	1,472	1,386	1,460
1973.....	1,344	1,263	1,340	1,474	1,320	1,248	1,314	1,260	1,346	1,321	1,256	1,310
1974.....	1,404	1,426	1,403	1,456	1,409	1,517	1,602	1,483	1,680	1,770	1,918	2,151
1975.....	2,646	2,616	2,630	2,719	2,692	2,526	2,268	2,371	2,357	2,392	2,345	2,191
1976.....	2,154	1,980	1,995	2,011	2,049	2,281	2,181	2,323	2,329	2,285	2,449	2,304
1977.....	2,206	2,240	2,213	1,994	2,170	2,078	2,060	2,207	2,125	2,127	2,080	1,941
1978.....	1,988	1,942	1,966	1,889	1,829	1,949	1,860	1,964	1,891	1,835	1,888	2,003
1979.....	1,999	1,959	1,929	1,911	1,902	1,816	1,941	1,820	2,072	2,021	1,923	2,039
1980.....	2,053	2,181	2,255	2,399	2,620	2,888	2,748	2,654	2,654	2,562	2,555	2,247
1981.....	2,324	2,379	2,408	2,472	2,606	2,423	2,312	2,469	2,585	2,686	2,882	3,016
UNEMPLOYED - 15 WEEKS AND OVER												
1970.....	431	470	534	602	591	657	662	705	788	771	871	1,102
1971.....	1,113	1,068	1,098	1,149	1,173	1,167	1,251	1,261	1,239	1,268	1,277	1,283
1972.....	1,257	1,292	1,232	1,203	1,168	1,141	1,154	1,156	1,131	1,123	1,040	1,006
1973.....	947	894	889	809	816	779	756	788	785	793	832	767
1974.....	799	829	849	889	880	926	924	960	1,021	1,072	1,128	1,326
1975.....	1,555	1,841	2,074	2,442	2,643	2,843	2,943	2,862	2,906	2,689	2,789	2,868
1976.....	2,713	2,519	2,441	2,210	2,115	2,332	2,316	2,378	2,296	2,292	2,354	2,375
1977.....	2,200	2,174	2,057	1,936	1,928	1,918	1,907	1,836	1,853	1,789	1,804	1,717
1978.....	1,642	1,583	1,528	1,493	1,422	1,364	1,376	1,245	1,309	1,319	1,241	1,264
1979.....	1,249	1,294	1,363	1,256	1,240	1,201	1,121	1,199	1,168	1,217	1,239	1,278
1980.....	1,352	1,352	1,452	1,667	1,743	1,826	1,994	2,149	2,296	2,300	2,341	2,401
1981.....	2,391	2,322	2,269	2,187	2,231	2,363	2,170	2,217	2,248	2,292	2,364	2,372

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
NUMBERS IN THOUSANDS												
UNEMPLOYED - 15-26 WEEKS												
1970.....	288	309	353	400	360	433	428	454	507	512	539	719
1971.....	683	620	645	695	665	626	684	711	676	677	696	700
1972.....	664	641	600	530	588	591	635	619	583	601	570	551
1973.....	537	522	501	469	467	454	474	454	490	457	482	439
1974.....	467	495	519	535	524	559	537	572	630	674	698	788
1975.....	930	1,124	1,305	1,478	1,554	1,538	1,542	1,390	1,308	1,241	1,144	1,282
1976.....	1,132	986	981	801	896	979	1,066	1,098	1,092	1,061	1,076	1,041
1977.....	989	969	894	816	859	892	934	938	914	876	908	859
1978.....	829	912	815	812	728	723	717	634	685	723	708	759
1979.....	717	739	772	704	718	677	653	667	639	689	690	735
1980.....	803	841	832	972	1,017	1,048	1,118	1,232	1,338	1,244	1,211	1,249
1981.....	1,123	1,072	1,057	1,048	1,061	1,227	1,096	1,078	1,146	1,166	1,229	1,189
UNEMPLOYED - 27 WEEKS AND OVER												
1970.....	143	161	181	202	231	224	234	251	281	259	332	383
1971.....	430	448	453	454	508	541	567	550	563	591	581	583
1972.....	593	651	632	673	580	550	519	537	548	522	470	455
1973.....	410	372	388	340	349	325	282	334	295	336	350	328
1974.....	332	334	330	354	356	367	387	388	391	398	430	538
1975.....	625	717	769	964	1,089	1,305	1,401	1,472	1,598	1,448	1,645	1,586
1976.....	1,581	1,533	1,460	1,409	1,219	1,353	1,250	1,280	1,204	1,231	1,278	1,334
1977.....	1,211	1,205	1,163	1,120	1,069	1,026	973	898	939	913	896	858
1978.....	813	671	713	681	694	641	659	611	624	596	533	505
1979.....	532	555	591	552	522	524	468	532	529	528	549	543
1980.....	549	511	620	695	726	778	876	917	958	1,056	1,130	1,152
1981.....	1,268	1,250	1,212	1,139	1,170	1,136	1,074	1,139	1,102	1,126	1,135	1,183
UNEMPLOYED - 15 WEEKS AND OVER AS A PERCENT OF THE CIVILIAN LABOR FORCE												
1970.....	.5	.6	.6	.7	.7	.8	.8	.9	.9	.9	1.0	1.3
1971.....	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5
1972.....	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1
1973.....	1.1	1.0	1.0	.9	.9	.9	.8	.9	.9	.9	.9	.8
1974.....	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.4
1975.....	1.7	2.0	2.2	2.6	2.8	3.0	3.1	3.0	3.1	2.9	3.0	3.0
1976.....	2.9	2.7	2.6	2.3	2.2	2.4	2.4	2.5	2.4	2.4	2.4	2.4
1977.....	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.9	1.8	1.8	1.7
1978.....	1.6	1.6	1.5	1.5	1.4	1.3	1.3	1.2	1.3	1.3	1.2	1.2
1979.....	1.2	1.2	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.2
1980.....	1.3	1.3	1.4	1.6	1.6	1.7	1.9	2.0	2.1	2.1	2.2	2.2
1981.....	2.2	2.1	2.1	2.0	2.0	2.2	2.0	2.0	2.1	2.1	2.2	2.2
UNEMPLOYED - AVERAGE DURATION OF UNEMPLOYMENT: WEEKS												
1970.....	7.9	8.0	8.3	8.2	8.6	8.6	8.9	8.8	8.9	8.7	9.3	9.8
1971.....	10.5	10.4	10.6	10.9	11.2	11.6	11.5	11.5	11.9	12.6	12.0	11.5
1972.....	12.1	12.4	12.3	12.4	12.3	12.4	11.8	11.8	12.1	11.7	11.4	11.4
1973.....	11.0	10.5	10.6	10.0	10.1	9.6	9.6	9.8	9.4	10.2	9.9	9.5
1974.....	9.5	9.6	9.7	9.8	9.6	9.7	9.9	9.8	9.6	9.9	9.6	10.1
1975.....	10.7	11.7	11.8	12.9	13.4	15.3	15.0	15.6	16.1	15.4	16.6	16.5
1976.....	16.6	16.3	16.5	15.9	15.0	16.9	15.7	15.6	15.2	15.2	15.3	15.1
1977.....	15.2	14.7	14.5	14.4	14.9	14.4	14.3	13.9	14.0	13.7	13.6	13.6
1978.....	12.9	12.5	12.4	12.3	12.1	12.1	12.1	11.4	11.5	11.7	11.1	10.6
1979.....	11.1	11.2	11.7	11.0	11.0	10.5	10.3	10.6	10.6	10.5	10.6	10.6
1980.....	10.5	10.6	11.0	11.3	10.7	11.7	11.9	12.4	13.0	13.2	13.5	13.6
1981.....	14.4	14.1	13.9	13.7	13.3	14.3	14.1	14.3	13.7	13.6	13.1	12.8
UNEMPLOYED - MEDIAN DURATION OF UNEMPLOYMENT: WEEKS												
1970.....	4.6	4.5	4.6	4.1	4.7	4.9	5.1	5.4	5.2	5.2	5.6	5.9
1971.....	6.2	6.3	6.4	6.5	6.7	5.7	6.2	6.4	5.8	6.5	6.4	6.2
1972.....	6.2	6.6	6.6	6.7	6.6	5.4	6.1	6.0	5.6	5.7	5.7	6.1
1973.....	5.7	5.2	5.5	5.0	4.9	5.0	5.2	4.9	5.4	5.5	5.1	4.7
1974.....	5.0	5.1	4.8	5.0	4.6	5.3	5.7	5.0	5.3	5.5	5.2	5.7
1975.....	6.3	7.1	7.2	8.7	9.4	8.8	8.6	9.2	9.2	8.6	9.5	9.0
1976.....	9.0	8.2	8.7	8.2	8.3	7.8	7.7	7.9	7.8	7.7	8.4	8.0
1977.....	7.5	7.2	7.2	7.3	7.9	6.2	7.1	7.0	6.7	6.9	7.0	6.8
1978.....	6.5	6.7	6.2	6.1	5.8	6.0	5.8	5.8	5.6	5.8	5.5	5.6
1979.....	5.9	5.9	5.8	5.5	5.8	5.7	5.9	4.7	5.5	5.5	5.3	5.6
1980.....	5.3	5.8	5.9	5.8	5.9	6.5	7.0	7.3	7.7	7.4	7.6	7.3
1981.....	7.4	7.0	7.1	7.6	7.3	6.7	7.0	7.0	6.9	6.8	6.9	6.7
UNEMPLOYED - LABOR FORCE TIME LOST												
1970.....	4.2	4.5	4.7	4.9	5.1	5.1	5.4	5.4	5.8	5.8	6.2	6.4
1971.....	6.3	6.3	6.3	6.3	6.2	6.0	6.3	6.4	6.2	6.3	6.4	6.3
1972.....	6.2	5.9	6.1	6.0	6.1	6.0	6.0	6.1	5.9	5.8	5.5	5.4
1973.....	5.2	5.3	5.2	5.2	5.2	5.3	5.3	5.3	5.2	5.0	5.3	5.4
1974.....	5.6	5.5	5.4	5.6	5.6	5.8	5.9	6.0	6.5	6.4	7.2	7.8
1975.....	8.7	8.8	9.3	9.4	9.8	9.2	9.1	8.9	9.1	9.0	8.9	8.7
1976.....	8.5	8.2	8.2	8.2	8.2	8.1	8.1	8.2	8.3	8.3	8.4	8.3
1977.....	8.1	8.1	7.9	7.5	7.6	7.7	7.4	7.4	7.3	7.3	7.3	7.0
1978.....	6.9	6.7	6.7	6.3	6.6	6.4	6.6	6.4	6.5	6.2	6.2	6.4
1979.....	6.3	6.3	6.2	6.3	6.3	6.2	6.2	6.3	6.3	6.4	6.5	6.5
1980.....	6.7	6.7	6.9	7.5	8.6	8.1	8.3	8.3	8.2	8.3	8.4	8.2
1981.....	8.3	8.2	8.2	8.2	8.6	7.9	7.9	7.9	8.5	9.1	9.5	10.1

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - ALL CIVILIAN WORKERS												
1970.....	3.9	4.2	4.4	4.6	4.8	4.9	5.0	5.1	5.4	5.5	5.9	6.1
1971.....	5.9	5.9	6.0	5.9	5.9	5.9	6.0	6.1	6.0	5.8	6.0	6.0
1972.....	5.8	5.7	5.8	5.7	5.7	5.7	5.6	5.6	5.5	5.6	5.3	5.2
1973.....	4.9	5.0	4.9	5.0	4.9	4.9	4.8	4.8	4.8	4.6	4.8	4.9
1974.....	5.1	5.2	5.1	5.1	5.1	5.4	5.5	5.5	5.9	6.0	6.6	7.2
1975.....	8.1	8.1	8.6	8.8	9.0	8.8	8.6	8.4	8.4	8.4	8.3	8.2
1976.....	7.9	7.7	7.6	7.7	7.4	7.6	7.8	7.8	7.6	7.7	7.8	7.8
1977.....	7.5	7.6	7.4	7.2	7.0	7.2	6.9	7.0	6.8	6.8	6.8	6.4
1978.....	6.4	6.3	6.3	6.1	6.0	5.9	6.2	5.9	6.0	5.8	5.9	6.0
1979.....	5.9	5.9	5.8	5.8	5.7	5.7	5.7	6.0	5.8	6.0	5.9	6.0
1980.....	6.3	6.2	6.3	6.9	7.5	7.5	7.8	7.7	7.5	7.5	7.5	7.3
1981.....	7.4	7.4	7.3	7.3	7.5	7.4	7.2	7.3	7.6	8.0	8.3	8.8
UNEMPLOYMENT RATE - MALES												
1970.....	3.3	3.6	3.7	4.0	4.2	4.5	4.6	4.6	4.8	5.0	5.2	5.6
1971.....	5.4	5.3	5.3	5.2	5.3	5.3	5.4	5.5	5.4	5.2	5.4	5.5
1972.....	5.3	5.3	5.3	5.1	5.1	4.9	4.8	4.9	4.8	4.8	4.6	4.5
1973.....	4.2	4.3	4.3	4.3	4.3	4.1	4.0	4.1	4.0	3.9	4.1	4.2
1974.....	4.4	4.5	4.4	4.5	4.4	4.6	4.7	4.8	5.0	5.3	5.8	6.4
1975.....	7.3	7.4	7.9	8.2	8.4	8.3	8.2	7.9	8.0	7.8	7.8	7.6
1976.....	7.3	7.0	6.9	7.0	6.9	7.1	7.1	6.9	7.0	7.0	7.3	7.2
1977.....	6.8	7.0	6.6	6.4	6.4	6.4	6.1	6.2	5.8	6.0	5.8	5.5
1978.....	5.6	5.6	5.6	5.3	5.2	4.9	5.1	5.0	5.1	5.1	5.0	5.3
1979.....	5.2	5.1	5.1	5.1	4.9	4.8	5.0	5.2	5.2	5.3	5.3	5.4
1980.....	5.8	5.7	5.9	6.7	7.5	7.5	7.7	7.7	7.6	7.5	7.4	7.1
1981.....	7.2	7.2	7.1	6.9	7.3	7.2	6.7	7.1	7.3	7.7	8.3	9.0
UNEMPLOYMENT RATE - FEMALES												
1970.....	4.9	5.1	5.6	5.5	5.7	5.7	5.8	6.0	6.3	6.4	6.9	6.9
1971.....	6.8	6.8	7.1	7.0	6.9	6.9	7.0	7.0	6.9	6.8	7.0	6.8
1972.....	6.7	6.4	6.7	6.7	6.6	6.8	7.0	6.9	6.7	6.8	6.2	6.2
1973.....	6.1	6.2	6.0	6.1	5.7	6.0	6.0	6.0	6.1	5.7	6.0	6.1
1974.....	6.2	6.2	6.1	6.0	6.3	6.5	6.8	6.5	7.1	7.1	7.9	8.3
1975.....	9.2	9.1	9.6	9.6	9.8	9.4	9.3	9.2	9.0	9.2	9.0	9.1
1976.....	8.9	8.8	8.6	8.6	8.1	8.4	8.8	9.0	8.7	8.7	8.7	8.5
1977.....	8.5	8.6	8.6	8.4	7.9	8.4	8.0	8.1	8.1	7.9	8.1	7.5
1978.....	7.6	7.2	7.2	7.2	7.2	7.2	7.6	7.2	7.2	6.7	7.0	7.0
1979.....	6.9	6.9	6.8	6.9	6.7	6.8	6.6	7.1	6.7	6.9	6.7	6.9
1980.....	6.9	7.0	6.9	7.2	7.6	7.5	7.8	7.7	7.3	7.7	7.6	7.7
1981.....	7.7	7.7	7.7	7.7	7.8	7.7	7.8	7.7	8.0	8.2	8.4	8.5
UNEMPLOYMENT RATE - BOTH SEXES 16-19 YEARS												
1970.....	13.5	13.3	13.4	14.7	14.2	16.3	14.7	15.7	16.2	16.7	17.4	17.1
1971.....	16.8	16.3	16.9	16.3	16.8	17.7	17.7	16.8	16.7	16.9	16.9	16.9
1972.....	16.9	18.0	17.2	16.5	15.3	15.9	15.6	16.5	16.3	15.8	15.7	15.6
1973.....	13.7	15.3	14.3	15.5	14.9	13.8	14.3	14.0	14.7	14.4	15.0	14.6
1974.....	14.6	14.9	14.9	14.3	15.4	16.3	16.8	14.9	17.0	17.2	17.8	18.2
1975.....	19.5	19.4	19.9	19.9	20.4	20.9	20.7	20.7	19.5	19.8	19.0	19.8
1976.....	19.6	19.0	18.9	19.5	18.6	18.5	18.3	19.6	18.6	19.0	19.2	19.1
1977.....	18.9	18.4	18.6	18.0	17.8	18.8	17.5	17.4	18.0	17.2	17.2	15.5
1978.....	16.7	17.2	17.3	16.7	16.1	15.1	16.6	15.8	16.4	16.1	16.2	16.7
1979.....	16.1	16.0	15.9	16.4	16.3	15.4	15.6	16.6	16.6	16.5	15.9	16.3
1980.....	16.4	16.5	16.2	16.4	18.8	18.4	19.1	19.1	18.0	18.4	18.4	17.8
1981.....	18.9	19.1	19.2	19.0	19.4	19.2	18.7	19.0	19.7	20.4	21.4	21.5
UNEMPLOYMENT RATE - MALES 16-19 YEARS												
1970.....	12.1	12.9	12.6	14.4	14.4	17.0	15.1	15.5	16.1	16.6	16.2	16.6
1971.....	16.8	16.0	16.5	15.9	16.6	17.8	17.0	16.8	16.1	16.9	16.2	16.9
1972.....	16.9	19.0	17.5	16.1	15.7	14.7	14.0	15.8	15.7	15.0	15.5	15.4
1973.....	13.2	14.1	13.5	14.7	14.5	13.2	13.6	13.7	14.0	14.0	14.5	14.1
1974.....	13.9	14.4	14.3	14.3	14.7	15.8	15.5	14.8	17.1	16.6	17.5	18.0
1975.....	19.6	19.7	19.8	20.7	20.1	22.1	21.3	20.9	19.4	19.7	18.9	19.4
1976.....	20.2	18.9	18.9	20.2	19.5	18.4	18.5	18.7	19.0	19.4	19.6	19.0
1977.....	18.0	18.2	18.3	17.3	17.4	18.4	17.1	17.6	17.4	16.4	16.4	15.0
1978.....	15.7	16.7	16.9	16.4	15.3	13.7	15.7	14.9	15.7	16.2	15.9	16.7
1979.....	16.2	16.3	16.3	16.3	15.9	14.2	15.3	16.2	16.4	15.8	15.7	15.7
1980.....	16.1	15.9	15.4	16.5	19.3	19.1	19.8	20.0	19.1	20.1	19.6	18.6
1981.....	20.0	20.0	19.8	19.5	20.0	20.0	18.8	19.8	19.9	20.1	21.8	22.3
UNEMPLOYMENT RATE - FEMALES 16-19 YEARS												
1970.....	15.1	13.8	14.4	15.2	14.0	15.4	14.4	15.9	16.2	16.8	18.8	17.8
1971.....	16.9	16.5	17.6	16.7	17.0	17.7	18.7	16.9	17.4	17.0	17.8	16.9
1972.....	16.7	16.9	16.9	17.1	14.7	17.3	17.6	17.3	17.1	16.7	16.1	16.0
1973.....	14.3	16.7	15.1	16.4	15.4	14.6	15.1	14.4	15.6	15.0	15.5	15.3
1974.....	15.4	15.5	15.5	14.4	16.2	16.9	18.4	15.1	17.0	17.9	18.1	18.4
1975.....	19.4	19.0	20.1	19.0	20.6	19.4	19.9	20.4	19.6	20.0	19.2	20.3
1976.....	18.9	19.2	18.8	18.6	17.5	18.7	18.0	20.7	18.2	18.4	18.7	19.2
1977.....	20.0	18.6	19.0	18.9	18.4	19.2	17.9	17.2	18.6	18.1	18.1	16.1
1978.....	17.8	17.7	17.8	17.0	17.1	16.7	17.7	16.8	17.2	16.0	16.6	16.7
1979.....	16.0	15.7	15.4	16.6	16.6	16.7	16.0	17.1	16.8	17.2	16.0	17.1
1980.....	16.7	17.3	17.1	16.2	18.3	17.5	18.4	18.0	16.8	16.6	17.1	16.9
1981.....	17.7	18.2	18.5	18.4	18.7	18.4	18.6	18.2	19.5	20.7	20.9	20.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 20 YEARS AND OVER												
1970.....	3.0	3.3	3.5	3.6	3.8	3.9	4.1	4.1	4.3	4.4	4.8	5.0
1971.....	4.9	4.9	4.9	4.9	4.9	4.8	4.8	5.0	4.9	4.8	5.0	4.9
1972.....	4.7	4.5	4.7	4.6	4.7	4.6	4.6	4.5	4.5	4.5	4.2	4.1
1973.....	4.1	4.0	4.0	3.9	3.8	3.9	3.8	3.9	3.8	3.5	3.8	3.9
1974.....	4.1	4.1	4.0	4.1	4.0	4.2	4.3	4.5	4.7	4.8	5.4	6.0
1975.....	6.8	6.9	7.4	7.6	7.8	7.5	7.4	7.1	7.3	7.2	7.2	7.0
1976.....	6.7	6.5	6.4	6.4	6.2	6.5	6.6	6.5	6.5	6.5	6.7	6.6
1977.....	6.3	6.5	6.3	6.0	5.9	6.0	5.8	5.9	5.6	5.7	5.7	5.4
1978.....	5.4	5.1	5.1	5.0	5.0	4.9	5.1	4.9	4.9	4.7	4.8	4.9
1979.....	4.8	4.8	4.8	4.8	4.6	4.7	4.7	4.9	4.8	4.9	4.9	5.0
1980.....	5.3	5.2	5.3	6.0	6.4	6.5	6.7	6.6	6.5	6.5	6.5	6.4
1981.....	6.4	6.3	6.2	6.2	6.5	6.3	6.2	6.3	6.5	6.9	7.2	7.7
UNEMPLOYMENT RATE - MALES 20 YEARS AND OVER												
1970.....	2.5	2.8	2.9	3.2	3.3	3.4	3.7	3.7	3.9	4.0	4.3	4.6
1971.....	4.4	4.4	4.3	4.3	4.4	4.3	4.3	4.5	4.4	4.2	4.5	4.5
1972.....	4.3	4.1	4.2	4.1	4.1	4.0	4.0	3.9	3.8	3.9	3.6	3.5
1973.....	3.4	3.4	3.4	3.4	3.4	3.3	3.1	3.2	3.1	2.9	3.1	3.2
1974.....	3.5	3.6	3.4	3.5	3.4	3.5	3.6	3.8	3.9	4.2	4.6	5.3
1975.....	6.1	6.3	6.8	7.1	7.3	7.1	7.0	6.7	6.9	6.8	6.8	6.5
1976.....	6.1	5.9	5.8	5.8	5.7	6.1	6.0	5.8	5.9	5.8	6.1	6.1
1977.....	5.8	5.9	5.5	5.3	5.4	5.2	5.1	5.1	4.7	5.0	4.8	4.6
1978.....	4.7	4.6	4.6	4.3	4.3	4.0	4.1	4.1	4.1	4.1	4.0	4.3
1979.....	4.1	4.1	4.1	4.1	3.9	3.9	4.1	4.2	4.2	4.3	4.4	4.5
1980.....	4.8	4.8	5.0	5.8	6.4	6.5	6.7	6.6	6.6	6.4	6.3	6.1
1981.....	6.1	6.0	6.0	5.8	6.3	6.1	5.8	6.0	6.2	6.7	7.1	7.9
UNEMPLOYMENT RATE - FEMALES 20 YEARS AND OVER												
1970.....	3.7	4.1	4.6	4.4	4.8	4.6	4.8	4.8	5.1	5.2	5.6	5.7
1971.....	5.7	5.7	5.9	5.9	5.8	5.7	5.6	5.9	5.7	5.7	5.8	5.7
1972.....	5.5	5.1	5.5	5.4	5.7	5.6	5.7	5.6	5.5	5.6	5.1	5.0
1973.....	5.1	4.9	4.9	4.8	4.6	5.0	4.9	5.0	4.9	4.5	4.8	5.0
1974.....	5.1	5.0	5.0	4.9	5.0	5.2	5.3	5.4	5.9	5.7	6.6	7.0
1975.....	8.0	7.9	8.3	8.5	8.5	8.2	8.0	7.9	7.7	7.9	7.8	7.8
1976.....	7.7	7.5	7.3	7.4	6.9	7.2	7.6	7.6	7.5	7.5	7.5	7.3
1977.....	7.1	7.3	7.4	7.1	6.6	7.1	6.9	7.0	6.9	6.7	7.0	6.5
1978.....	6.4	5.9	6.0	6.0	6.0	6.1	6.4	6.0	6.0	5.6	5.9	5.8
1979.....	5.8	5.9	5.8	5.7	5.6	5.7	5.5	6.0	5.6	5.7	5.6	5.7
1980.....	5.8	5.9	5.8	6.3	6.4	6.5	6.7	6.7	6.3	6.7	6.7	6.7
1981.....	6.7	6.6	6.6	6.6	6.7	6.6	6.7	6.6	6.9	7.0	7.2	7.4
UNEMPLOYMENT RATE - BOTH SEXES 20-24 YEARS												
1970.....	6.4	7.4	6.9	7.5	7.8	7.8	8.5	8.4	9.3	9.1	9.8	10.0
1971.....	9.8	10.0	10.1	10.0	10.5	10.4	9.7	10.1	9.7	9.5	10.4	9.9
1972.....	9.9	9.2	9.8	9.6	9.5	9.1	9.7	9.1	9.2	9.6	8.7	8.5
1973.....	8.1	8.0	7.8	8.0	7.8	8.0	8.1	7.9	8.1	7.1	7.4	7.7
1974.....	8.3	8.4	8.0	8.0	8.6	8.7	9.0	9.7	9.6	9.3	10.5	11.6
1975.....	12.2	13.1	13.8	14.4	14.7	13.3	13.9	13.5	13.9	13.7	13.6	12.9
1976.....	12.7	11.9	11.9	12.0	11.5	11.9	11.5	12.0	11.7	12.4	12.3	12.1
1977.....	11.4	12.0	11.4	11.0	11.0	10.9	10.7	11.3	10.7	10.4	10.5	10.1
1978.....	10.6	10.3	10.3	10.1	9.1	9.4	9.9	9.2	9.4	8.7	9.2	9.2
1979.....	8.8	9.0	9.1	8.7	8.8	8.9	9.0	9.5	9.3	9.5	9.0	10.0
1980.....	10.3	10.1	10.0	11.3	12.3	12.1	12.3	12.2	12.1	12.3	12.1	11.5
1981.....	11.9	11.9	11.8	12.0	12.6	12.1	11.5	12.1	12.3	12.7	13.0	13.5
UNEMPLOYMENT RATE - MALES 20-24 YEARS												
1970.....	6.1	7.0	6.7	7.5	7.6	7.8	8.9	8.8	10.1	10.3	10.4	10.7
1971.....	10.3	10.1	10.1	9.9	10.6	10.5	10.1	10.7	10.3	9.9	10.7	10.4
1972.....	10.3	9.5	10.3	10.1	9.1	8.9	9.5	8.7	8.7	9.3	8.6	8.3
1973.....	7.7	7.7	7.4	7.7	7.5	7.6	7.2	7.3	6.7	6.7	6.9	7.0
1974.....	7.8	8.2	7.7	7.7	8.1	8.3	8.4	9.4	9.2	9.5	10.5	11.3
1975.....	12.5	13.3	14.4	15.5	15.4	14.3	15.0	14.4	15.3	14.6	14.1	13.2
1976.....	12.7	11.9	12.0	11.7	11.6	12.3	12.0	11.9	11.6	12.5	12.3	12.5
1977.....	11.2	12.0	11.1	11.1	11.0	10.8	10.6	11.3	10.5	9.9	9.9	9.7
1978.....	10.5	10.3	10.1	9.5	8.2	8.7	9.0	8.8	8.8	8.5	8.8	9.0
1979.....	8.5	8.5	8.5	8.1	8.2	8.3	8.9	8.8	9.0	9.4	8.6	9.9
1980.....	10.6	10.5	10.7	12.2	13.2	13.5	13.4	13.7	13.6	13.8	13.2	12.3
1981.....	12.9	12.9	13.0	13.0	13.8	12.9	11.6	12.9	13.1	13.8	14.4	14.8
UNEMPLOYMENT RATE - FEMALES 20-24 YEARS												
1970.....	6.7	7.8	7.2	7.4	7.9	7.9	8.0	8.0	8.4	7.7	9.2	9.1
1971.....	9.2	9.8	10.0	10.1	10.3	10.2	9.2	9.5	8.9	8.9	10.1	9.3
1972.....	9.5	8.9	9.2	9.0	9.8	9.4	9.8	9.6	9.7	9.9	8.7	8.7
1973.....	8.5	8.3	8.4	8.5	8.2	8.5	9.3	8.6	9.1	7.5	7.9	8.5
1974.....	9.0	8.7	8.3	8.4	9.1	9.3	9.7	10.0	10.2	9.1	10.5	11.9
1975.....	11.9	12.8	13.1	13.0	14.0	12.2	12.7	12.3	12.3	12.5	12.9	12.6
1976.....	12.6	12.0	11.9	12.3	11.4	11.5	11.0	12.2	11.7	12.2	12.3	11.6
1977.....	11.6	12.1	11.6	11.0	11.1	11.1	10.9	11.2	10.9	11.0	11.1	10.6
1978.....	10.8	10.3	10.6	10.7	10.2	10.2	11.0	9.6	10.1	8.8	9.8	9.5
1979.....	9.2	9.6	9.7	9.4	9.5	9.5	9.2	10.4	9.8	9.7	9.5	10.1
1980.....	9.9	9.5	9.3	10.2	11.2	10.6	10.9	10.5	10.3	10.6	10.9	10.6
1981.....	10.9	10.9	10.5	10.9	11.2	11.2	11.3	11.1	11.4	11.5	11.3	12.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 25 YEARS AND OVER												
1970.....	2.4	2.7	3.0	3.0	3.2	3.3	3.4	3.4	3.5	3.7	3.9	4.2
1971.....	4.0	4.0	4.0	4.0	3.9	3.8	4.0	4.1	4.1	4.0	4.0	4.0
1972.....	3.8	3.6	3.7	3.7	3.8	3.8	3.7	3.7	3.6	3.7	3.3	3.2
1973.....	3.3	3.2	3.2	3.1	3.1	3.1	3.0	3.1	3.0	2.9	3.1	3.1
1974.....	3.2	3.3	3.2	3.3	3.2	3.3	3.4	3.5	3.8	4.0	4.4	4.9
1975.....	5.7	5.7	6.1	6.3	6.5	6.4	6.2	5.9	6.1	6.1	5.9	5.8
1976.....	5.5	5.4	5.3	5.3	5.1	5.5	5.8	5.5	5.6	5.5	5.5	5.5
1977.....	5.3	5.4	5.2	5.1	4.9	5.0	4.9	4.8	4.7	4.8	4.7	4.4
1978.....	4.3	4.1	4.1	4.0	4.1	4.0	4.1	4.0	4.0	3.9	3.9	4.0
1979.....	4.0	4.0	4.0	4.0	3.7	3.8	3.8	4.0	3.9	4.0	4.1	4.0
1980.....	4.3	4.3	4.5	5.0	5.2	5.4	5.6	5.5	5.4	5.4	5.3	5.3
1981.....	5.3	5.2	5.2	5.1	5.2	5.3	5.2	5.2	5.4	5.7	6.0	6.5
UNEMPLOYMENT RATE - MALES 25 YEARS AND OVER												
1970.....	2.1	2.3	2.4	2.6	2.7	2.9	2.9	3.0	3.0	3.2	3.4	3.7
1971.....	3.5	3.5	3.5	3.5	3.4	3.3	3.5	3.6	3.6	3.5	3.5	3.5
1972.....	3.3	3.2	3.2	3.2	3.3	3.3	3.1	3.1	3.1	3.2	2.8	2.7
1973.....	2.7	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.5
1974.....	2.7	2.7	2.6	2.9	2.6	2.7	2.8	3.0	3.1	3.5	3.6	4.2
1975.....	4.9	5.0	5.4	5.6	5.8	5.8	5.7	5.4	5.7	5.7	5.4	5.2
1976.....	4.9	4.7	4.7	4.7	4.5	5.0	5.0	4.8	5.0	4.8	5.0	4.9
1977.....	4.7	4.8	4.5	4.3	4.2	4.2	4.1	4.0	3.8	4.2	3.8	3.7
1978.....	3.6	3.5	3.6	3.4	3.4	3.2	3.2	3.3	3.3	3.3	3.1	3.4
1979.....	3.3	3.3	3.3	3.3	3.0	3.2	3.2	3.4	3.3	3.5	3.6	3.4
1980.....	3.8	3.8	4.1	4.7	5.0	5.2	5.5	5.4	5.4	5.1	5.0	4.9
1981.....	4.9	4.9	4.8	4.6	4.7	5.0	4.7	4.9	5.0	5.5	5.8	6.5
UNEMPLOYMENT RATE - FEMALES 25 YEARS AND OVER												
1970.....	3.1	3.4	4.0	3.7	4.1	4.0	4.2	4.1	4.4	4.5	4.8	5.0
1971.....	4.9	4.9	5.0	5.0	4.8	4.7	4.9	5.1	5.0	4.9	4.9	4.9
1972.....	4.6	4.3	4.6	4.7	4.8	4.8	4.8	4.7	4.6	4.6	4.3	4.2
1973.....	4.4	4.2	4.1	4.0	3.8	4.2	4.0	4.1	4.0	3.8	4.1	4.2
1974.....	4.2	4.2	4.2	4.1	4.2	4.2	4.4	4.3	4.9	4.9	5.8	5.9
1975.....	7.0	6.8	7.2	7.5	7.5	7.4	7.1	6.8	6.7	6.8	6.6	6.7
1976.....	6.5	6.5	6.3	6.2	6.1	6.2	7.0	6.5	6.6	6.4	6.3	6.3
1977.....	6.1	6.2	6.4	6.2	5.8	6.2	6.0	6.0	6.0	5.7	6.0	5.6
1978.....	5.3	4.9	4.9	4.9	5.2	5.1	5.4	5.1	5.0	4.8	5.0	5.0
1979.....	5.0	5.0	5.0	4.9	4.8	4.8	4.7	5.0	4.7	4.8	4.8	4.8
1980.....	4.9	5.0	5.1	5.4	5.5	5.6	5.7	5.8	5.4	5.9	5.7	5.8
1981.....	5.8	5.6	5.8	5.7	5.8	5.7	5.8	5.6	6.0	6.1	6.4	6.4
UNEMPLOYMENT RATE - BOTH SEXES 25-54 YEARS												
1970.....	2.5	2.8	3.1	3.1	3.2	3.4	3.6	3.6	3.6	3.8	4.1	4.4
1971.....	4.1	4.1	4.2	4.2	4.1	4.0	4.3	4.3	4.3	4.3	4.2	4.3
1972.....	3.9	3.8	3.8	3.8	3.9	3.9	3.9	3.8	3.7	3.7	3.5	3.4
1973.....	3.4	3.4	3.3	3.3	3.2	3.3	3.1	3.2	3.1	3.0	3.1	3.3
1974.....	3.3	3.4	3.4	3.6	3.3	3.4	3.5	3.6	3.9	4.2	4.7	5.2
1975.....	6.1	6.0	6.4	6.7	6.9	6.8	6.5	6.3	6.4	6.4	6.2	6.0
1976.....	5.7	5.6	5.4	5.5	5.4	5.6	5.9	5.7	5.8	5.7	5.8	5.8
1977.....	5.5	5.5	5.5	5.3	5.1	5.2	5.0	5.0	4.8	5.0	4.8	4.6
1978.....	4.5	4.3	4.4	4.2	4.4	4.1	4.3	4.3	4.2	4.1	4.1	4.3
1979.....	4.3	4.2	4.2	4.2	3.9	4.0	4.0	4.3	4.2	4.3	4.4	4.2
1980.....	4.5	4.6	4.9	5.4	5.7	5.8	6.0	6.0	5.9	5.9	5.8	5.7
1981.....	5.7	5.6	5.6	5.4	5.6	5.6	5.5	5.5	5.8	6.2	6.5	6.9
UNEMPLOYMENT RATE - MALES 25-54 YEARS												
1970.....	2.1	2.2	2.3	2.5	2.6	2.9	3.0	3.0	2.9	3.2	3.4	3.7
1971.....	3.5	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.7	3.6	3.7	3.7
1972.....	3.3	3.2	3.1	3.1	3.3	3.3	3.1	3.1	3.0	3.0	2.8	2.6
1973.....	2.7	2.7	2.8	2.7	2.7	2.5	2.4	2.5	2.4	2.3	2.3	2.6
1974.....	2.7	2.7	2.7	3.0	2.7	2.8	2.9	2.9	3.1	3.6	3.8	4.4
1975.....	5.1	5.2	5.6	5.8	6.1	6.1	6.0	5.8	5.9	5.9	5.7	5.4
1976.....	5.0	4.8	4.6	4.7	4.6	5.0	5.2	4.9	5.1	5.0	5.2	5.2
1977.....	4.8	4.8	4.6	4.4	4.4	4.4	4.2	4.2	3.8	4.2	3.9	3.7
1978.....	3.7	3.6	3.6	3.4	3.5	3.2	3.2	3.4	3.4	3.4	3.3	3.5
1979.....	3.4	3.4	3.4	3.4	3.1	3.2	3.3	3.5	3.5	3.6	3.9	3.6
1980.....	3.9	4.0	4.3	5.0	5.4	5.5	5.9	5.8	5.9	5.5	5.5	5.3
1981.....	5.2	5.2	5.1	4.9	5.1	5.2	5.0	5.2	5.5	5.9	6.3	6.9
UNEMPLOYMENT RATE - FEMALES 25-54 YEARS												
1970.....	3.4	3.7	4.4	4.1	4.3	4.3	4.7	4.6	4.7	4.9	5.4	5.6
1971.....	5.3	5.4	5.4	5.5	5.2	5.1	5.4	5.5	5.4	5.4	5.2	5.3
1972.....	5.0	4.8	5.0	4.9	5.0	5.0	5.1	5.0	4.9	4.9	4.6	4.6
1973.....	4.6	4.4	4.3	4.4	4.2	4.6	4.2	4.4	4.3	4.2	4.5	4.6
1974.....	4.5	4.6	4.4	4.5	4.5	4.6	4.6	4.6	5.2	5.2	6.2	6.3
1975.....	7.6	7.3	7.7	8.1	8.0	7.9	7.3	7.3	7.2	7.2	7.0	7.1
1976.....	6.8	6.9	6.7	6.6	6.5	6.6	7.1	6.9	7.0	6.9	6.7	6.8
1977.....	6.5	6.6	6.9	6.6	6.2	6.5	6.2	6.4	6.4	6.1	6.3	5.9
1978.....	5.7	5.3	5.4	5.4	5.8	5.5	5.8	5.6	5.4	5.1	5.3	5.4
1979.....	5.4	5.4	5.3	5.3	5.1	5.2	5.0	5.3	5.1	5.1	5.1	5.2
1980.....	5.3	5.5	5.6	5.9	6.0	6.1	6.2	6.3	5.9	6.4	6.1	6.2
1981.....	6.3	6.0	6.2	6.1	6.4	6.1	6.1	6.0	6.3	6.5	6.8	6.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 25-34 YEARS												
1970.....	3.2	3.5	3.5	3.9	4.0	4.4	4.5	4.5	4.3	4.7	5.1	5.4
1971.....	5.3	5.2	5.4	5.2	5.2	5.0	5.3	5.2	5.3	5.4	5.5	5.3
1972.....	5.0	4.8	4.4	4.7	4.8	4.9	4.6	4.5	4.6	4.6	4.2	4.3
1973.....	4.4	4.2	4.3	4.2	4.5	4.5	4.2	4.4	4.1	4.0	4.1	4.2
1974.....	4.3	4.4	4.4	4.7	4.2	4.3	4.6	4.6	4.8	5.4	5.9	6.4
1975.....	7.3	7.4	7.9	8.2	8.4	8.5	8.1	7.6	7.8	7.6	7.5	7.3
1976.....	7.1	7.1	6.7	6.6	6.8	7.1	7.3	7.2	7.3	7.2	7.2	7.2
1977.....	6.9	6.9	6.8	6.8	6.3	6.5	6.4	6.3	6.2	6.4	6.1	5.9
1978.....	5.7	5.3	5.5	5.4	5.4	5.0	5.3	5.4	5.2	5.1	5.2	5.4
1979.....	5.4	5.4	5.3	5.1	4.9	5.0	5.0	5.3	5.0	5.1	5.4	5.3
1980.....	5.6	5.8	6.2	7.0	7.2	7.4	7.6	7.5	7.6	7.5	7.2	7.2
1981.....	7.2	7.0	6.9	6.8	7.3	7.0	6.9	7.0	7.3	7.6	8.1	8.6
UNEMPLOYMENT RATE - MALES 25-34 YEARS												
1970.....	2.6	2.7	2.7	3.2	3.3	3.9	3.5	3.7	3.4	4.0	4.3	4.7
1971.....	4.4	4.1	4.4	4.1	4.2	4.2	4.6	4.4	4.6	4.6	4.7	4.3
1972.....	4.2	4.2	3.6	4.0	4.0	4.0	3.6	3.6	3.7	3.6	3.3	3.4
1973.....	3.4	3.4	3.5	3.4	3.6	3.3	3.3	3.5	3.4	3.2	3.0	3.2
1974.....	3.4	3.4	3.5	4.1	3.6	3.7	3.7	3.8	3.7	4.7	4.8	5.8
1975.....	6.2	6.6	7.0	7.3	7.4	7.6	7.3	6.8	7.2	6.9	6.9	6.6
1976.....	6.2	6.2	5.8	5.9	6.0	6.3	6.4	6.2	6.3	6.3	6.5	6.3
1977.....	6.1	6.1	5.8	5.8	5.7	5.6	5.8	5.6	5.3	5.8	5.2	4.9
1978.....	4.9	4.6	4.6	4.4	4.3	3.8	4.0	4.3	4.1	4.3	4.2	4.5
1979.....	4.3	4.4	4.5	4.1	3.9	3.8	4.0	4.5	4.1	4.3	4.8	4.5
1980.....	5.1	5.0	5.7	6.8	7.1	7.4	7.7	7.4	8.0	7.3	7.0	6.8
1981.....	6.8	6.7	6.5	6.2	6.5	6.7	6.4	6.7	6.9	7.5	7.9	8.9
UNEMPLOYMENT RATE - FEMALES 25-34 YEARS												
1970.....	4.4	4.8	5.1	5.3	5.5	5.4	6.5	6.0	6.1	6.0	6.7	6.8
1971.....	7.0	7.4	7.5	7.3	7.1	6.7	6.7	6.8	6.9	6.8	7.0	7.1
1972.....	6.5	6.1	6.0	6.1	6.2	6.5	6.5	6.4	6.5	6.4	5.8	5.9
1973.....	6.2	5.6	5.6	5.7	6.0	6.6	5.7	6.1	5.4	5.4	6.0	5.9
1974.....	5.9	6.0	5.8	5.7	5.3	5.4	6.1	6.0	6.5	6.6	7.6	7.6
1975.....	9.2	8.7	9.4	9.7	10.0	9.9	9.4	9.0	8.7	8.8	8.4	8.5
1976.....	8.5	8.6	8.2	7.8	8.1	8.4	8.6	8.7	8.8	8.6	8.3	8.4
1977.....	8.0	8.2	8.2	8.3	7.3	7.7	7.4	7.4	7.5	7.4	7.5	7.4
1978.....	6.8	6.2	6.9	6.8	6.9	6.7	7.1	7.0	6.8	6.1	6.6	6.7
1979.....	6.9	6.8	6.6	6.5	6.2	6.6	6.3	6.5	6.2	6.4	6.4	6.3
1980.....	6.3	6.7	6.8	7.2	7.4	7.5	7.4	7.5	7.2	7.7	7.4	7.8
1981.....	7.8	7.3	7.5	7.5	8.3	7.4	7.6	7.4	7.7	7.9	8.2	8.2
UNEMPLOYMENT RATE - BOTH SEXES 35-44 YEARS												
1970.....	2.3	2.6	3.0	2.8	3.0	3.0	3.1	3.2	3.3	3.7	3.8	4.3
1971.....	4.0	3.8	3.6	3.8	3.7	3.8	4.0	4.1	3.9	4.0	3.8	3.9
1972.....	3.6	3.3	3.8	3.6	3.7	3.6	3.7	3.7	3.5	3.4	3.3	2.9
1973.....	3.0	2.9	2.9	2.7	2.7	2.7	2.5	2.6	2.7	2.4	2.7	2.9
1974.....	2.9	3.0	2.8	3.1	3.1	3.2	3.1	3.3	3.6	3.6	4.1	4.6
1975.....	5.5	5.4	5.8	6.2	6.0	5.8	5.3	5.6	5.5	5.6	5.6	5.3
1976.....	5.0	5.0	4.7	4.9	4.5	4.8	5.2	4.9	5.1	4.9	4.8	4.9
1977.....	4.5	4.8	4.7	4.3	4.4	4.5	4.4	4.3	4.1	4.2	4.3	3.8
1978.....	3.8	3.7	3.7	3.5	4.0	3.7	3.7	3.7	3.5	3.6	3.5	3.7
1979.....	3.7	3.5	3.4	3.4	3.4	3.4	3.3	3.7	3.8	3.8	3.8	3.8
1980.....	3.9	4.0	4.0	4.3	4.8	4.8	5.2	5.3	4.8	4.8	4.7	4.8
1981.....	4.8	4.8	4.9	4.9	4.6	4.8	4.6	4.5	5.1	5.4	5.8	6.1
UNEMPLOYMENT RATE - MALES 35-44 YEARS												
1970.....	1.8	2.0	2.1	2.1	2.3	2.4	2.5	2.6	2.6	2.8	3.0	3.3
1971.....	3.0	3.0	2.8	3.0	3.1	3.1	3.2	3.2	3.3	3.2	3.2	3.2
1972.....	3.0	2.7	3.0	2.7	2.8	2.7	2.9	2.9	2.7	2.7	2.6	2.0
1973.....	2.2	2.2	2.3	2.2	2.0	2.0	1.8	1.8	1.8	1.7	1.9	2.3
1974.....	2.2	2.2	2.0	2.2	2.2	2.3	2.4	2.5	2.9	3.0	3.3	3.8
1975.....	4.4	4.5	5.0	5.3	5.5	5.1	4.9	4.9	4.7	4.8	4.9	4.6
1976.....	4.2	4.2	3.8	3.9	3.6	4.1	4.4	4.3	4.5	4.2	4.1	4.0
1977.....	3.8	4.0	3.9	3.4	3.6	3.6	3.5	3.2	2.9	3.3	3.2	2.8
1978.....	2.8	2.8	3.0	2.8	3.0	2.8	2.7	2.9	2.6	2.7	2.6	2.8
1979.....	2.9	2.6	2.5	2.8	2.5	2.5	2.7	2.8	3.3	3.2	3.5	3.2
1980.....	3.3	3.4	3.3	3.7	4.4	4.4	4.8	4.9	4.6	4.3	4.2	4.2
1981.....	4.2	4.4	4.4	4.3	3.9	4.2	4.0	4.0	4.6	5.0	5.6	6.0
UNEMPLOYMENT RATE - FEMALES 35-44 YEARS												
1970.....	3.1	3.6	4.4	3.9	4.2	4.2	4.1	4.3	4.5	5.2	5.2	6.1
1971.....	5.7	5.3	5.0	5.3	4.8	4.9	5.4	5.7	5.0	5.5	4.7	5.0
1972.....	4.6	4.5	5.1	5.0	5.3	5.3	5.2	5.0	5.0	4.8	4.4	4.5
1973.....	4.4	4.0	3.9	3.7	3.8	3.7	3.7	3.9	4.2	3.7	4.0	3.8
1974.....	3.9	4.2	4.2	4.4	4.7	4.5	4.3	4.6	4.7	4.6	5.5	5.8
1975.....	7.2	6.9	7.0	7.8	6.9	7.0	6.0	6.6	6.7	6.9	6.5	6.5
1976.....	6.1	6.2	6.1	6.4	6.0	5.9	6.3	6.0	6.1	6.1	5.9	6.2
1977.....	5.5	6.0	5.9	5.6	5.7	5.9	5.9	5.9	6.0	5.5	5.8	5.3
1978.....	5.4	5.0	4.8	4.5	5.4	5.0	5.2	5.0	4.7	4.8	4.9	4.9
1979.....	4.9	4.7	4.7	4.4	4.7	4.6	4.2	5.0	4.5	4.6	4.3	4.6
1980.....	4.7	4.9	5.0	5.2	5.4	5.3	5.8	5.8	5.2	5.6	5.5	5.6
1981.....	5.6	5.4	5.6	5.7	5.4	5.6	5.3	5.3	5.8	5.9	6.2	6.3

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 45-54 YEARS												
1970.....	2.1	2.3	2.7	2.5	2.7	2.7	3.2	3.0	3.0	3.1	3.4	3.4
1971.....	3.2	3.3	3.4	3.4	3.3	3.3	3.5	3.5	3.6	3.3	3.3	3.5
1972.....	3.2	3.0	3.1	3.0	3.1	3.2	3.1	3.0	2.8	3.0	2.8	2.7
1973.....	2.7	2.8	2.7	2.8	2.3	2.5	2.3	2.4	2.2	2.3	2.4	2.6
1974.....	2.6	2.7	2.7	2.6	2.5	2.6	2.6	2.6	3.2	3.1	3.7	4.0
1975.....	4.9	4.7	5.1	5.2	5.7	5.6	5.5	5.4	5.5	5.5	5.0	5.0
1976.....	4.5	4.3	4.3	4.3	4.2	4.3	4.8	4.4	4.5	4.4	4.6	4.8
1977.....	4.5	4.3	4.4	4.1	4.0	4.1	3.6	3.9	3.6	3.6	3.5	3.5
1978.....	3.4	3.3	3.2	3.0	3.4	3.3	3.4	3.2	3.4	3.3	3.0	3.2
1979.....	3.1	3.2	3.3	3.5	3.0	3.1	3.1	3.1	3.2	3.4	3.2	3.1
1980.....	3.4	3.4	3.5	3.8	4.0	4.1	4.4	4.4	4.3	4.3	4.6	4.1
1981.....	4.1	4.0	4.0	3.6	4.1	4.1	4.2	4.3	4.2	4.5	4.7	4.9
UNEMPLOYMENT RATE - MALES 45-54 YEARS												
1970.....	1.7	1.9	2.0	2.2	2.2	2.4	2.9	2.6	2.7	2.7	2.9	2.9
1971.....	3.0	2.9	3.0	3.0	2.9	2.9	2.9	3.1	3.1	3.0	2.9	3.3
1972.....	2.7	2.6	2.5	2.5	2.8	3.1	2.8	2.7	2.5	2.6	2.4	2.3
1973.....	2.4	2.5	2.3	2.4	2.1	2.0	1.8	1.9	1.6	1.7	2.0	2.0
1974.....	2.1	2.2	2.3	2.2	2.0	2.1	2.3	2.2	2.5	2.6	3.0	3.3
1975.....	4.3	4.0	4.3	4.5	5.2	5.2	5.2	5.3	5.4	5.6	4.7	4.6
1976.....	4.0	3.6	3.9	3.9	3.7	4.0	4.2	3.8	4.0	3.8	4.3	4.6
1977.....	4.0	3.9	3.5	3.4	3.3	3.2	2.7	2.9	2.5	2.8	2.6	2.8
1978.....	2.8	2.9	2.8	2.4	2.9	2.6	2.6	2.6	3.1	2.8	2.7	2.7
1979.....	2.7	2.8	2.7	2.9	2.5	2.7	2.7	2.7	2.7	3.1	2.7	2.4
1980.....	2.8	2.9	3.1	3.3	3.7	3.7	4.2	4.1	4.0	3.8	4.5	3.8
1981.....	3.9	3.7	3.7	3.2	3.8	3.9	4.0	4.2	4.0	4.2	4.4	4.7
UNEMPLOYMENT RATE - FEMALES 45-54 YEARS												
1970.....	2.8	2.9	3.7	3.1	3.4	3.3	3.6	3.7	3.6	3.7	4.4	4.0
1971.....	3.5	3.8	4.0	4.1	3.8	3.9	4.4	4.2	4.3	3.9	3.9	3.8
1972.....	3.9	3.7	4.0	3.8	3.6	3.4	3.5	3.5	3.4	3.6	3.6	3.3
1973.....	3.2	3.4	3.2	3.6	2.5	3.2	3.1	3.1	3.1	3.3	3.1	3.7
1974.....	3.4	3.5	3.2	3.2	3.3	3.4	3.2	3.1	4.1	4.0	5.0	5.2
1975.....	5.8	5.8	6.3	6.3	6.6	6.3	6.0	5.7	5.6	5.4	5.5	5.6
1976.....	5.2	5.4	5.0	5.0	4.9	4.7	5.7	5.2	5.2	5.2	5.2	5.1
1977.....	5.1	4.9	5.8	5.1	5.0	5.4	4.8	5.3	5.2	4.6	5.0	4.4
1978.....	4.2	4.1	3.8	4.1	4.3	4.3	4.5	4.0	3.8	4.0	3.6	4.0
1979.....	3.6	4.0	4.1	4.4	3.9	3.7	3.7	3.7	3.9	3.8	3.9	4.0
1980.....	4.3	4.2	4.1	4.5	4.5	4.7	4.8	4.8	4.7	4.9	4.7	4.4
1981.....	4.4	4.5	4.4	4.1	4.4	4.4	4.5	4.4	4.4	4.8	5.1	5.2
UNEMPLOYMENT RATE - BOTH SEXES 55 YEARS AND OVER												
1970.....	2.1	2.4	2.7	2.7	3.1	2.8	2.9	2.8	3.1	3.1	3.3	3.5
1971.....	3.7	3.6	3.4	3.5	3.4	3.2	3.1	3.4	3.2	2.9	3.4	3.4
1972.....	3.2	3.2	3.3	3.6	3.5	3.5	3.4	3.5	3.2	3.5	2.8	3.0
1973.....	2.8	2.8	2.6	2.5	2.5	2.6	2.8	2.7	2.7	2.7	2.7	2.6
1974.....	2.8	2.8	2.6	2.6	2.7	2.7	2.8	3.2	3.1	3.1	3.2	3.8
1975.....	4.2	4.5	4.6	4.9	5.0	4.9	4.9	4.7	4.6	4.9	4.8	5.0
1976.....	4.6	4.6	4.7	4.6	4.3	4.8	4.9	4.7	4.7	4.5	4.5	4.2
1977.....	4.3	4.7	4.3	4.1	4.1	3.9	3.9	3.8	4.0	4.2	4.0	3.9
1978.....	3.5	3.3	3.2	3.2	3.1	3.2	3.1	2.9	3.3	3.1	3.0	2.9
1979.....	2.9	3.0	3.1	3.0	3.1	2.9	3.1	3.1	2.9	3.1	2.9	2.8
1980.....	3.3	2.8	2.8	3.3	3.4	3.4	3.4	3.5	3.4	3.3	3.4	3.4
1981.....	3.5	3.5	3.6	3.4	3.4	3.5	3.5	3.5	3.8	3.8	3.8	4.1
UNEMPLOYMENT RATE - MALES 55 YEARS AND OVER												
1970.....	2.1	2.4	2.8	2.7	3.0	2.8	2.9	3.0	3.2	3.1	3.5	3.7
1971.....	3.8	3.8	3.5	3.6	3.4	3.2	3.1	3.3	3.0	2.9	3.1	3.0
1972.....	3.1	3.3	3.5	3.5	3.4	3.4	3.1	3.4	3.3	3.5	2.6	2.9
1973.....	2.5	2.3	2.3	2.4	2.6	2.7	2.8	2.6	2.7	2.8	2.7	2.4
1974.....	2.7	2.9	2.3	2.4	2.3	2.5	2.7	3.2	2.8	2.8	2.8	3.5
1975.....	4.0	4.2	4.4	4.8	4.7	4.6	4.6	4.5	4.5	4.7	4.7	4.8
1976.....	4.3	4.5	4.7	4.4	4.4	4.4	4.2	4.6	4.5	4.3	4.4	3.9
1977.....	4.2	4.6	4.2	3.8	3.8	3.3	3.5	3.4	3.8	4.2	3.8	3.8
1978.....	3.3	3.3	3.2	3.3	3.2	3.0	3.2	2.7	2.9	3.0	2.7	2.8
1979.....	2.8	2.9	2.9	2.9	2.8	2.9	3.1	2.9	2.9	2.9	2.8	2.7
1980.....	3.3	2.8	2.9	3.4	3.4	3.5	3.6	3.7	3.6	3.3	3.4	3.2
1981.....	3.4	3.3	3.3	3.2	3.4	3.4	3.4	3.4	3.5	3.7	3.7	4.4
UNEMPLOYMENT RATE - FEMALES 55 YEARS AND OVER												
1970.....	2.0	2.5	2.6	2.6	3.4	2.8	2.9	2.5	3.0	3.1	2.9	3.2
1971.....	3.4	3.2	3.2	3.3	3.4	3.3	3.2	3.6	3.5	3.0	3.7	3.9
1972.....	3.2	3.0	3.0	3.6	3.7	3.7	3.9	3.9	3.0	3.3	3.1	3.0
1973.....	3.3	3.5	3.2	2.7	2.3	2.5	2.7	3.0	2.7	2.5	2.7	2.9
1974.....	2.9	2.8	3.2	2.9	3.3	3.2	3.1	3.2	3.6	3.7	3.9	4.3
1975.....	4.6	4.9	5.0	5.3	5.4	5.4	5.3	4.9	4.6	5.3	4.9	5.4
1976.....	5.1	4.7	4.7	5.0	4.3	4.7	6.0	5.0	5.0	4.8	4.6	4.5
1977.....	4.4	4.7	4.5	4.6	4.4	4.7	4.6	4.4	4.4	4.3	4.4	4.2
1978.....	3.9	3.3	3.1	3.1	3.0	3.4	3.1	3.3	3.8	3.3	3.4	3.2
1979.....	3.2	3.3	3.5	3.2	3.5	3.0	3.2	3.3	3.0	3.4	3.0	2.9
1980.....	3.4	2.9	2.8	3.3	3.4	3.1	3.2	3.2	3.2	3.3	3.5	3.8
1981.....	3.6	3.8	4.2	3.7	3.4	3.5	3.7	3.7	4.3	4.0	3.8	3.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 55-64 YEARS												
1970.....	2.0	2.3	2.6	2.6	2.9	2.7	2.7	2.8	3.1	3.1	3.1	3.3
1971.....	3.5	3.6	3.3	3.4	3.4	3.4	3.2	3.4	3.2	2.9	3.3	3.3
1972.....	3.2	3.2	3.3	3.5	3.5	3.6	3.4	3.3	2.9	3.3	2.6	2.9
1973.....	2.8	2.8	2.7	2.5	2.4	2.3	2.6	2.5	2.5	2.7	2.6	2.5
1974.....	2.6	2.7	2.5	2.4	2.6	2.7	2.8	3.0	3.0	3.0	3.1	3.9
1975.....	4.2	4.4	4.5	4.8	4.7	4.8	4.8	4.5	4.6	4.8	4.5	4.5
1976.....	4.3	4.4	4.5	4.6	4.2	4.7	4.7	4.7	4.7	4.4	4.3	4.1
1977.....	4.0	4.5	4.1	3.9	3.8	3.7	3.7	3.5	3.8	4.0	3.7	3.6
1978.....	3.3	3.2	2.9	2.9	2.8	2.8	2.8	2.7	3.0	3.1	2.9	2.8
1979.....	2.8	2.8	2.9	2.9	3.0	2.9	3.2	3.0	2.7	3.0	2.9	2.7
1980.....	3.4	2.8	2.9	3.4	3.5	3.5	3.4	3.5	3.5	3.4	3.4	3.6
1981.....	3.5	3.6	3.8	3.4	3.4	3.5	3.7	3.7	4.0	3.9	3.8	4.3
UNEMPLOYMENT RATE - MALES 55-64 YEARS												
1970.....	1.9	2.3	2.6	2.7	2.9	2.7	2.7	3.0	3.2	3.0	3.4	3.4
1971.....	3.7	3.8	3.4	3.6	3.4	3.4	3.1	3.2	3.0	2.9	3.1	3.1
1972.....	3.1	3.2	3.5	3.3	3.3	3.4	3.2	3.4	3.0	3.4	2.3	2.8
1973.....	2.5	2.3	2.3	2.4	2.6	2.4	2.5	2.3	2.4	2.7	2.6	2.3
1974.....	2.5	2.8	2.2	2.2	2.2	2.4	2.6	2.9	2.7	2.6	2.6	3.4
1975.....	3.9	4.1	4.2	4.4	4.5	4.3	4.4	4.3	4.4	4.4	4.4	4.4
1976.....	4.0	4.2	4.4	4.4	4.2	4.6	4.1	4.4	4.4	4.2	4.1	3.8
1977.....	3.8	4.2	3.8	3.5	3.5	3.1	3.2	3.1	3.4	3.9	3.3	3.5
1978.....	3.0	3.1	2.9	2.9	2.8	2.6	2.8	2.2	2.6	3.0	2.6	2.5
1979.....	2.7	2.7	2.7	2.6	2.6	2.8	3.2	2.8	2.5	2.6	2.8	2.7
1980.....	3.3	2.7	3.1	3.4	3.5	3.6	3.6	3.6	3.7	3.5	3.3	3.4
1981.....	3.5	3.4	3.4	3.3	3.6	3.6	3.6	3.6	3.8	3.8	3.9	4.5
UNEMPLOYMENT RATE - FEMALES 55-64 YEARS												
1970.....	2.2	2.4	2.5	2.5	2.9	2.8	2.7	2.4	3.0	3.2	2.6	3.0
1971.....	3.3	3.3	3.3	3.2	3.3	3.4	3.3	3.6	3.5	2.8	3.7	3.6
1972.....	3.2	3.1	3.1	3.7	3.8	3.7	3.7	3.3	2.8	3.2	3.1	3.1
1973.....	3.3	3.6	3.2	2.7	2.3	2.1	2.7	2.9	2.6	2.7	2.7	2.8
1974.....	2.7	2.5	3.0	2.8	3.3	3.1	3.0	3.2	3.5	3.7	3.9	4.6
1975.....	4.7	4.9	5.0	5.3	5.0	5.5	5.4	4.9	4.8	5.5	4.8	4.7
1976.....	4.9	4.7	4.6	5.1	4.3	4.8	5.6	5.1	5.1	4.9	4.6	4.6
1977.....	4.5	4.9	4.5	4.5	4.3	4.5	4.6	4.3	4.4	4.2	4.3	3.9
1978.....	3.8	3.4	2.9	2.8	2.7	3.1	2.9	3.3	3.7	3.2	3.4	3.2
1979.....	3.1	3.1	3.4	3.3	3.5	3.0	3.2	3.2	3.0	3.5	3.0	2.8
1980.....	3.4	2.8	2.6	3.3	3.5	3.3	3.1	3.2	3.2	3.3	3.6	3.9
1981.....	3.6	4.0	4.4	3.6	3.2	3.4	3.8	3.7	4.5	4.0	3.8	4.0
UNEMPLOYMENT RATE - BOTH SEXES 65 YEARS AND OVER												
1970.....	2.2	2.8	3.1	2.8	3.8	3.1	3.6	2.9	3.1	3.0	3.9	4.2
1971.....	4.1	3.6	3.6	3.7	3.6	2.7	2.9	3.6	3.2	3.2	3.5	3.8
1972.....	3.1	3.3	3.2	3.9	3.6	3.4	3.5	4.3	4.0	4.0	3.5	3.3
1973.....	3.1	2.7	2.4	2.4	2.7	3.6	3.6	3.4	3.4	2.7	2.9	3.0
1974.....	3.3	3.4	3.2	3.0	3.2	3.0	3.1	3.9	3.5	3.7	3.6	3.7
1975.....	4.2	4.8	4.8	5.7	6.2	5.5	5.2	5.2	4.6	5.3	5.6	6.8
1976.....	5.8	5.2	5.6	4.6	4.8	5.2	5.7	5.0	4.7	4.8	5.2	4.4
1977.....	5.3	5.5	5.2	4.8	4.9	4.8	4.8	4.7	4.9	5.0	5.3	5.1
1978.....	4.4	3.7	4.2	4.4	4.6	4.4	4.4	3.8	4.2	3.3	3.3	3.6
1979.....	3.4	3.7	3.9	3.5	3.4	3.1	3.0	3.4	3.7	3.3	2.8	3.0
1980.....	3.3	3.1	2.5	3.1	3.0	3.0	3.6	3.5	3.1	2.8	3.4	2.9
1981.....	3.1	3.1	2.9	3.2	3.2	3.4	3.0	2.9	3.0	3.7	3.5	3.5
UNEMPLOYMENT RATE - MALES 65 YEARS AND OVER												
1970.....	2.5	2.7	3.3	2.8	3.1	3.2	3.4	3.1	3.1	3.3	3.9	4.5
1971.....	4.2	4.0	3.8	3.8	3.5	2.5	3.1	3.7	3.0	2.8	3.3	2.9
1972.....	3.1	3.6	3.3	4.3	3.6	3.3	3.0	3.4	4.1	4.0	3.8	3.5
1973.....	2.9	2.5	2.0	2.4	2.7	3.4	4.0	3.5	3.7	3.2	3.1	2.9
1974.....	3.2	3.2	2.8	2.9	2.9	2.8	3.0	4.2	3.2	3.6	3.5	3.8
1975.....	4.3	4.9	4.9	5.9	5.6	5.9	5.5	5.2	5.1	5.7	5.9	6.2
1976.....	5.7	5.7	5.9	4.6	5.2	5.5	4.5	5.3	4.8	4.9	5.4	4.4
1977.....	6.0	6.3	5.8	4.7	5.1	4.3	4.8	4.5	5.2	5.1	5.5	5.0
1978.....	4.5	4.1	4.5	4.5	4.9	4.4	4.7	4.3	4.3	3.0	3.1	3.7
1979.....	3.2	3.6	3.9	4.0	3.5	3.2	2.9	3.2	4.2	3.7	2.7	2.9
1980.....	3.4	2.9	2.0	3.2	3.1	3.3	3.7	3.7	3.1	2.5	3.6	2.6
1981.....	3.0	3.2	2.6	2.7	2.6	2.9	2.7	2.4	2.7	3.3	3.2	4.1
UNEMPLOYMENT RATE - FEMALES 65 YEARS AND OVER												
1970.....	1.5	2.8	2.6	2.7	5.4	2.9	3.9	2.7	3.1	2.4	4.0	3.7
1971.....	3.9	3.0	3.1	3.5	3.8	3.1	2.6	3.6	3.6	3.9	4.0	5.3
1972.....	3.1	2.6	2.8	3.1	3.5	3.4	4.5	6.0	3.7	3.9	3.0	2.9
1973.....	3.5	3.0	3.1	2.6	2.7	4.0	2.7	3.4	2.8	1.6	2.6	3.2
1974.....	3.5	4.0	3.8	3.2	3.6	3.3	3.4	3.3	4.1	3.9	3.8	3.4
1975.....	4.1	4.7	4.6	5.1	7.2	4.8	4.8	5.2	3.7	4.5	5.2	7.9
1976.....	5.9	4.4	5.2	4.6	4.2	4.5	7.7	4.7	4.6	4.7	4.8	4.3
1977.....	4.0	4.3	4.1	4.9	4.7	5.6	4.7	4.9	4.4	4.9	5.0	5.2
1978.....	4.3	2.9	3.7	4.1	4.2	4.4	3.9	2.9	4.2	3.8	3.6	3.3
1979.....	3.7	3.8	3.8	2.7	3.3	2.8	3.3	3.8	2.9	2.7	3.0	3.2
1980.....	3.0	3.4	3.2	2.9	2.9	2.5	3.3	3.1	3.2	3.4	3.1	3.4
1981.....	3.3	3.0	3.5	4.2	4.2	4.1	3.4	3.8	3.5	4.2	4.0	2.6

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - MALES 16-21 YEARS												
1970.....	10.8	11.4	11.5	12.7	12.7	14.9	14.6	14.6	14.7	15.6	15.0	15.5
1971.....	16.0	14.4	15.2	14.1	15.0	16.5	15.8	15.5	14.4	15.4	15.2	15.5
1972.....	15.7	16.5	16.1	14.9	13.9	12.9	13.1	14.1	13.5	13.3	13.4	13.4
1973.....	11.6	11.7	11.8	12.7	12.4	10.7	11.8	11.9	12.0	12.0	12.5	12.2
1974.....	12.1	12.3	12.7	12.4	13.1	13.6	13.6	13.9	14.7	14.7	15.4	16.0
1975.....	17.4	17.6	18.3	19.2	19.2	20.0	20.0	19.0	18.5	18.3	17.8	17.7
1976.....	18.4	17.3	17.2	17.5	16.8	16.6	17.0	16.8	16.8	17.2	17.8	17.3
1977.....	15.9	16.7	16.2	15.5	15.6	16.1	15.6	15.8	15.5	14.9	14.8	13.9
1978.....	14.8	15.2	15.0	14.3	13.1	12.2	13.9	13.0	13.7	13.8	13.9	14.4
1979.....	13.8	13.8	13.8	13.6	13.2	11.7	13.3	14.1	14.3	13.8	13.7	14.2
1980.....	14.9	14.4	14.6	15.8	17.4	18.1	18.1	18.2	17.6	18.1	18.1	16.7
1981.....	17.8	17.9	18.2	17.4	17.7	17.9	16.5	17.5	17.3	18.2	19.5	20.1
UNEMPLOYMENT RATE - MALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1970.....	13.4	13.3	13.0	15.9	14.8	14.4	17.9	16.8	19.9	20.9	21.3	21.9
1971.....	23.3	18.1	23.0	22.4	22.9	19.2	18.1	17.6	20.4	22.7	20.3	21.7
1972.....	21.8	22.4	25.0	19.4	17.5	17.8	18.0	19.0	21.8	19.2	20.1	18.8
1973.....	16.4	15.2	17.0	19.2	17.0	17.5	19.1	19.2	16.9	17.3	17.1	17.1
1974.....	17.0	17.7	17.1	17.1	19.6	20.0	20.1	20.1	20.3	19.0	21.1	21.1
1975.....	21.7	22.2	20.1	22.2	22.0	21.3	20.2	19.9	21.6	22.1	21.5	22.5
1976.....	23.2	22.0	22.9	22.7	22.8	21.1	20.4	20.5	19.7	22.1	24.1	22.7
1977.....	20.2	22.6	23.6	20.1	20.4	22.2	20.8	21.3	22.4	20.2	19.5	17.7
1978.....	20.2	19.9	20.3	19.0	16.7	19.6	20.9	19.9	18.2	18.1	19.7	19.6
1979.....	18.9	17.8	19.9	18.7	18.3	19.5	19.9	20.6	17.7	19.0	18.5	17.8
1980.....	17.0	17.4	17.0	18.5	21.9	23.2	21.6	20.9	22.6	23.4	23.0	20.2
1981.....	23.6	24.3	21.4	22.3	21.3	21.2	20.6	21.7	20.9	22.4	25.9	24.9
UNEMPLOYMENT RATE - MALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1970.....	9.6	10.5	10.9	11.3	11.8	15.2	13.3	13.7	13.2	13.8	13.0	13.4
1971.....	13.8	13.4	13.0	11.8	12.8	15.4	15.0	14.8	12.4	13.2	13.6	13.7
1972.....	13.9	14.6	13.4	13.5	12.7	11.5	11.6	12.6	11.0	11.6	11.4	11.7
1973.....	10.4	10.7	10.3	10.7	11.0	9.1	9.8	9.9	10.6	10.5	11.3	10.8
1974.....	10.8	10.8	11.4	11.4	11.4	11.9	11.7	12.2	13.2	13.5	13.8	14.5
1975.....	16.1	16.2	17.8	18.2	18.4	19.5	20.0	18.7	17.6	17.2	16.8	16.3
1976.....	16.9	15.9	15.7	16.2	15.0	15.1	16.1	15.8	16.0	15.8	15.9	15.8
1977.....	14.7	15.0	14.1	14.2	14.3	14.5	14.2	14.3	13.5	13.3	13.4	12.8
1978.....	13.2	13.8	13.3	12.8	12.1	10.2	12.0	11.1	12.3	12.6	12.2	12.8
1979.....	12.4	12.7	12.2	12.3	11.8	9.7	11.4	12.4	13.3	12.4	12.6	13.2
1980.....	14.3	13.6	13.8	15.0	16.2	16.7	17.2	17.4	16.3	16.7	16.8	15.7
1981.....	16.1	16.1	17.3	16.0	16.7	16.9	15.3	16.3	16.3	17.1	17.7	18.8
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS												
1970.....	11.8	11.8	12.0	12.9	11.9	12.8	11.8	13.2	13.1	13.8	15.9	14.8
1971.....	14.4	14.6	15.1	15.0	15.2	15.6	14.9	14.5	14.8	14.4	15.4	14.7
1972.....	14.9	14.3	14.7	15.0	13.2	14.7	15.0	14.9	15.0	15.1	14.1	13.7
1973.....	12.6	13.8	12.7	13.7	13.0	13.0	12.8	12.8	13.4	12.6	13.4	13.6
1974.....	13.8	14.0	13.6	13.0	14.5	14.1	15.5	14.2	15.1	15.3	15.3	16.0
1975.....	16.9	17.4	18.5	17.2	19.1	17.3	17.9	18.4	17.4	18.1	17.6	18.3
1976.....	16.7	16.5	16.2	16.8	15.5	16.4	15.5	17.8	15.7	16.3	16.7	16.7
1977.....	17.1	16.7	16.8	16.5	16.0	16.3	15.6	15.2	15.9	15.9	16.0	14.8
1978.....	15.7	15.2	15.6	14.8	15.1	14.8	15.5	14.5	15.0	13.8	14.5	15.0
1979.....	14.1	13.9	13.6	14.4	14.6	14.5	13.6	15.1	14.4	15.2	14.2	15.3
1980.....	14.3	14.4	14.5	14.0	14.4	15.0	15.6	15.3	14.5	14.5	15.1	15.4
1981.....	15.5	16.1	16.0	16.2	16.4	15.7	16.1	15.9	16.8	18.0	17.5	17.5
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1970.....	14.2	12.2	12.1	16.5	12.2	12.6	14.1	14.8	15.0	16.1	20.9	19.4
1971.....	18.6	19.2	20.1	22.0	21.7	19.0	15.9	16.8	19.9	18.4	18.8	18.1
1972.....	17.8	17.6	18.7	19.7	12.3	17.4	17.1	17.4	18.0	19.1	19.3	16.7
1973.....	14.1	17.0	15.4	17.2	16.0	16.6	17.6	17.5	15.8	16.2	15.1	16.7
1974.....	16.3	17.9	15.9	14.9	17.1	18.2	18.5	18.8	18.5	19.2	18.6	19.8
1975.....	20.8	20.4	22.0	19.3	22.1	19.9	19.3	19.4	19.7	21.7	20.4	21.3
1976.....	19.1	18.8	19.4	21.1	18.7	19.5	19.6	18.4	19.3	17.9	22.2	20.3
1977.....	20.1	20.3	21.1	20.6	20.8	18.0	18.4	19.1	20.4	19.9	20.6	18.0
1978.....	20.6	19.9	18.8	18.0	16.5	17.8	18.5	18.2	16.8	15.9	16.4	18.4
1979.....	17.2	16.5	16.6	17.3	18.3	15.7	17.8	18.6	15.2	19.3	16.1	20.8
1980.....	17.3	16.6	16.4	16.2	19.4	17.8	18.8	18.8	18.3	16.6	17.0	18.7
1981.....	17.7	19.7	19.2	19.7	19.0	20.0	19.6	19.0	20.2	21.1	22.1	20.6
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1970.....	11.1	11.6	11.9	11.7	11.8	12.8	11.1	12.7	12.6	13.1	14.6	13.6
1971.....	13.3	13.3	13.7	13.4	13.7	14.2	14.5	13.8	13.3	13.2	14.4	13.8
1972.....	14.1	13.4	13.7	13.7	13.4	14.0	14.4	14.2	14.1	13.9	12.6	12.9
1973.....	12.2	12.8	11.8	12.6	12.1	12.0	11.4	11.5	12.7	11.6	12.9	12.6
1974.....	13.1	12.9	13.0	12.6	13.8	13.0	14.6	12.8	14.2	14.2	14.4	14.9
1975.....	15.7	16.6	17.5	16.6	18.2	16.4	17.5	18.1	16.8	17.0	16.7	17.4
1976.....	16.0	15.8	15.3	15.7	14.6	15.4	14.3	17.6	14.6	15.8	15.0	15.6
1977.....	16.2	15.6	15.6	15.2	14.6	15.9	14.7	14.1	14.5	14.8	14.7	13.9
1978.....	14.2	13.9	14.6	13.7	14.7	14.0	14.7	13.5	14.5	13.2	13.9	13.9
1979.....	13.2	13.2	12.7	13.6	13.4	14.2	12.3	14.1	14.2	14.0	13.7	13.7
1980.....	13.4	13.8	14.0	13.4	15.6	14.2	14.6	14.3	13.4	13.8	14.5	14.4
1981.....	14.8	14.9	15.0	15.1	15.6	14.4	15.1	15.0	15.8	17.1	16.0	16.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - WHITE WORKERS												
1970.....	3.6	3.8	4.0	4.1	4.4	4.5	4.6	4.7	5.0	5.2	5.4	5.6
1971.....	5.5	5.3	5.5	5.4	5.4	5.5	5.5	5.6	5.4	5.4	5.6	5.4
1972.....	5.2	5.1	5.2	5.3	5.1	5.1	5.1	5.1	5.0	5.1	4.7	4.6
1973.....	4.5	4.5	4.4	4.5	4.3	4.3	4.2	4.3	4.3	4.1	4.3	4.4
1974.....	4.6	4.6	4.5	4.5	4.6	4.8	4.9	5.0	5.4	5.4	6.0	6.4
1975.....	7.4	7.4	7.6	8.0	8.4	8.1	8.0	7.7	7.7	7.7	7.6	7.4
1976.....	7.2	6.9	6.9	6.9	6.7	6.9	7.1	7.1	7.0	7.0	7.1	7.0
1977.....	6.8	6.9	6.7	6.4	6.3	6.4	6.0	6.0	6.0	5.9	5.8	5.5
1978.....	5.5	5.5	5.4	5.3	5.2	5.0	5.3	5.1	5.2	5.0	5.0	5.2
1979.....	5.1	5.0	5.1	5.0	4.9	4.9	4.9	5.3	5.2	5.2	5.2	5.2
1980.....	5.4	5.4	5.5	6.1	6.7	6.7	6.9	6.8	6.6	6.7	6.6	6.4
1981.....	6.6	6.5	6.4	6.4	6.7	6.4	6.3	6.2	6.6	7.0	7.4	7.7
UNEMPLOYMENT RATE - WHITE WORKERS 16-19 YEARS												
1970.....	11.7	11.6	11.9	13.1	12.8	14.3	13.0	13.8	14.4	14.9	15.4	15.4
1971.....	15.3	14.4	15.2	14.7	15.0	15.9	15.8	15.0	15.2	15.2	15.5	14.9
1972.....	14.8	15.4	15.1	14.8	13.3	14.1	13.7	14.6	14.6	13.6	13.3	13.3
1973.....	11.9	13.1	12.5	13.5	13.1	11.8	12.0	12.1	12.4	12.8	13.2	12.9
1974.....	12.9	13.0	12.8	12.5	13.4	14.3	14.2	13.0	15.3	15.0	15.5	15.8
1975.....	17.2	17.1	17.6	17.7	18.3	19.1	18.8	18.6	17.5	17.7	17.2	17.7
1976.....	17.7	17.1	16.9	17.1	16.3	16.4	16.4	17.1	16.3	16.7	17.2	17.2
1977.....	16.9	16.4	16.4	15.9	15.7	16.5	14.7	14.6	15.5	14.7	14.6	12.7
1978.....	14.0	14.7	14.5	14.2	13.5	12.6	13.9	13.5	13.9	13.9	13.7	14.3
1979.....	14.0	13.7	13.7	13.9	13.7	13.3	13.6	14.7	14.5	14.3	13.9	14.1
1980.....	14.1	13.9	13.9	14.6	16.7	16.4	16.8	17.0	15.2	16.2	16.3	15.2
1981.....	16.6	17.2	16.8	17.0	17.5	16.8	16.4	16.1	17.2	17.7	19.0	19.0
UNEMPLOYMENT RATE - WHITE WORKERS 20 YEARS AND OVER												
1970.....	2.8	3.1	3.3	3.3	3.6	3.6	3.9	3.8	4.0	4.2	4.5	4.6
1971.....	4.5	4.5	4.6	4.5	4.5	4.5	4.4	4.6	4.5	4.4	4.6	4.5
1972.....	4.3	4.0	4.2	4.3	4.3	4.2	4.2	4.1	4.2	4.2	3.8	3.7
1973.....	3.7	3.6	3.5	3.5	3.4	3.5	3.4	3.5	3.4	3.2	3.3	3.5
1974.....	3.7	3.7	3.6	3.7	3.7	3.8	3.9	4.1	4.3	4.4	4.9	5.4
1975.....	6.3	6.4	6.8	7.0	7.3	6.9	6.9	6.6	6.7	6.7	6.6	6.4
1976.....	6.1	5.8	5.8	5.8	5.7	5.9	6.1	6.0	6.0	6.0	6.0	5.9
1977.....	5.7	5.8	5.6	5.4	5.2	5.3	5.1	5.1	4.9	5.0	4.9	4.7
1978.....	4.6	4.5	4.4	4.3	4.3	4.2	4.4	4.2	4.3	4.1	4.1	4.3
1979.....	4.2	4.1	4.2	4.1	4.0	4.0	4.0	4.3	4.2	4.3	4.3	4.3
1980.....	4.6	4.6	4.7	5.3	5.7	5.7	5.9	5.9	5.8	5.8	5.7	5.5
1981.....	5.7	5.5	5.5	5.4	5.7	5.5	5.4	5.4	5.6	6.0	6.3	6.7
UNEMPLOYMENT RATE - WHITE MALES												
1970.....	3.0	3.3	3.4	3.7	3.8	4.1	4.3	4.3	4.5	4.7	4.9	5.1
1971.....	5.0	4.8	4.9	4.8	5.0	4.9	5.0	5.1	4.9	4.9	5.0	5.0
1972.....	4.8	4.7	4.8	4.7	4.6	4.6	4.3	4.5	4.5	4.6	4.2	4.0
1973.....	3.9	3.9	3.8	3.8	3.8	3.7	3.5	3.7	3.7	3.6	3.7	3.8
1974.....	3.9	4.0	3.8	4.0	4.0	4.1	4.2	4.3	4.6	4.8	5.2	5.7
1975.....	6.6	6.7	7.1	7.4	7.8	7.7	7.6	7.3	7.5	7.3	7.1	6.8
1976.....	6.6	6.2	6.2	6.3	6.3	6.4	6.5	6.3	6.5	6.4	6.6	6.4
1977.....	6.1	6.3	5.9	5.7	5.7	5.7	5.3	5.3	5.1	5.2	5.0	4.8
1978.....	4.8	4.9	4.9	4.5	4.4	4.2	4.4	4.4	4.4	4.5	4.3	4.6
1979.....	4.5	4.4	4.4	4.3	4.2	4.2	4.4	4.6	4.6	4.6	4.7	4.7
1980.....	5.0	4.9	5.2	6.0	6.7	6.7	6.9	6.8	6.7	6.7	6.6	6.2
1981.....	6.4	6.4	6.3	6.2	6.5	6.2	5.9	6.1	6.4	6.9	7.4	7.9
UNEMPLOYMENT RATE - WHITE MALES 16-19 YEARS												
1970.....	10.9	11.6	11.4	13.0	13.5	15.4	14.2	14.2	14.6	15.1	15.1	15.1
1971.....	15.5	14.2	14.9	14.5	14.8	16.0	15.7	15.5	14.9	15.3	15.1	15.5
1972.....	15.3	16.2	15.7	14.5	13.8	13.5	12.9	14.3	14.5	13.2	13.3	13.1
1973.....	11.8	12.2	12.1	12.7	12.8	11.6	11.7	12.4	12.4	12.6	12.9	12.5
1974.....	12.4	12.5	12.0	12.2	13.3	13.7	13.5	12.7	14.9	14.5	15.2	15.7
1975.....	17.3	17.8	17.9	18.4	18.4	20.5	19.5	18.9	17.9	17.7	17.5	17.8
1976.....	18.7	17.0	17.4	18.0	17.6	16.6	17.2	16.4	16.6	17.2	17.8	17.0
1977.....	16.1	16.0	15.9	15.1	15.1	16.8	14.2	14.6	15.2	14.1	13.9	12.3
1978.....	13.2	14.4	14.1	13.9	12.5	11.9	13.3	12.9	13.3	14.3	13.2	14.4
1979.....	14.1	14.1	14.0	14.1	13.9	12.5	13.5	14.7	14.5	13.9	14.0	13.7
1980.....	14.2	13.6	13.3	15.0	17.4	17.7	17.9	18.0	16.2	17.7	17.6	15.8
1981.....	17.5	18.0	17.7	17.3	17.9	17.7	16.6	16.7	17.5	17.9	19.6	20.2
UNEMPLOYMENT RATE - WHITE MALES 20 YEARS AND OVER												
1970.....	2.4	2.6	2.7	2.9	3.0	3.2	3.4	3.5	3.6	3.9	4.0	4.2
1971.....	4.1	4.0	4.0	4.0	4.1	4.0	4.0	4.2	4.1	4.0	4.1	4.0
1972.....	3.9	3.7	3.8	3.8	3.7	3.8	3.6	3.5	3.6	3.8	3.4	3.2
1973.....	3.2	3.1	3.1	3.0	3.0	3.0	2.8	2.9	2.9	2.7	2.8	2.9
1974.....	3.1	3.1	3.0	3.2	3.1	3.2	3.3	3.5	3.6	3.9	4.2	4.8
1975.....	5.5	5.7	6.1	6.4	6.8	6.5	6.5	6.2	6.5	6.3	6.2	5.8
1976.....	5.5	5.2	5.2	5.2	5.2	5.5	5.5	5.4	5.5	5.4	5.5	5.4
1977.....	5.2	5.3	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.3	4.2	4.1
1978.....	4.0	4.0	4.0	3.7	3.7	3.5	3.6	3.5	3.6	3.6	3.5	3.7
1979.....	3.6	3.5	3.5	3.4	3.3	3.4	3.6	3.7	3.7	3.8	3.9	3.8
1980.....	4.2	4.1	4.4	5.2	5.8	5.7	5.9	5.9	5.9	5.7	5.7	5.4
1981.....	5.5	5.4	5.3	5.2	5.6	5.3	5.0	5.2	5.5	5.9	6.4	6.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - WHITE FEMALES												
1970.....	4.5	4.7	5.1	4.9	5.3	5.1	5.3	5.4	5.8	5.9	6.4	6.4
1971.....	6.4	6.2	6.5	6.4	6.2	6.4	6.2	6.4	6.3	6.2	6.6	6.2
1972.....	5.9	5.7	6.0	6.2	6.1	6.1	6.3	6.2	6.0	5.9	5.4	5.5
1973.....	5.5	5.5	5.3	5.4	5.2	5.3	5.2	5.3	5.3	5.1	5.3	5.5
1974.....	5.6	5.6	5.6	5.5	5.7	6.0	6.0	6.0	6.7	6.3	7.2	7.5
1975.....	8.6	8.5	8.8	9.0	9.3	8.8	8.7	8.4	8.1	8.4	8.2	8.4
1976.....	8.1	8.0	7.8	7.8	7.4	7.6	7.9	8.2	7.8	7.9	7.9	7.8
1977.....	7.7	7.7	7.8	7.5	7.1	7.5	7.1	7.2	7.2	7.0	7.0	6.5
1978.....	5.6	6.3	6.1	6.3	6.3	6.2	6.5	6.2	6.3	5.8	6.1	6.1
1979.....	5.9	6.0	6.0	5.9	5.8	5.9	5.7	6.2	5.9	6.0	5.9	6.0
1980.....	6.0	6.2	6.0	6.3	6.7	6.6	6.8	6.9	6.5	6.7	6.6	6.6
1981.....	6.8	6.7	6.6	6.8	7.0	6.7	6.8	6.4	6.9	7.1	7.4	7.4
UNEMPLOYMENT RATE - WHITE FEMALES 16-19 YEARS												
1970.....	12.6	11.7	12.6	13.1	12.0	12.9	11.4	13.5	14.2	14.6	15.9	15.7
1971.....	15.0	14.8	15.5	14.9	15.1	15.8	15.9	14.5	15.6	15.0	16.0	14.1
1972.....	14.3	14.3	14.4	15.1	12.8	14.9	14.7	15.1	14.6	14.1	13.2	13.5
1973.....	12.1	14.2	13.0	14.6	13.4	12.0	12.3	11.8	12.4	13.1	13.6	13.4
1974.....	13.5	13.6	13.7	12.9	13.5	15.1	15.2	13.4	15.7	15.5	15.8	16.0
1975.....	17.1	16.2	17.4	16.8	18.3	17.5	17.9	18.3	17.0	17.8	16.7	17.7
1976.....	16.5	17.1	16.3	16.0	14.9	16.1	15.6	18.0	16.0	16.2	16.4	17.3
1977.....	17.8	16.8	17.0	16.8	16.5	16.2	15.2	14.6	15.9	15.5	15.5	13.0
1978.....	14.9	15.0	14.9	14.6	14.6	13.3	14.4	14.2	14.6	13.5	14.3	14.3
1979.....	13.8	13.3	13.4	13.7	13.5	14.1	13.7	14.6	14.4	14.7	13.8	14.6
1980.....	14.0	14.3	14.8	14.1	16.0	15.0	15.5	15.9	14.0	14.6	14.8	14.6
1981.....	15.5	16.3	15.7	16.6	17.0	15.9	16.2	15.4	16.8	17.5	18.3	17.7
UNEMPLOYMENT RATE - WHITE FEMALES 20 YEARS AND OVER												
1970.....	3.5	3.8	4.2	4.0	4.5	4.2	4.6	4.4	4.8	4.8	5.3	5.4
1971.....	5.4	5.2	5.5	5.4	5.2	5.3	5.1	5.4	5.2	5.1	5.5	5.3
1972.....	4.9	4.6	4.9	5.1	5.3	5.0	5.3	5.1	4.9	4.9	4.5	4.5
1973.....	4.7	4.4	4.3	4.3	4.1	4.4	4.4	4.5	4.4	4.0	4.2	4.4
1974.....	4.5	4.6	4.6	4.5	4.7	4.8	4.8	5.0	5.5	5.1	6.1	6.4
1975.....	7.5	7.5	7.7	8.0	8.1	7.7	7.5	7.2	7.0	7.2	7.2	7.3
1976.....	7.1	6.8	6.8	6.8	6.5	6.6	7.0	7.0	6.8	6.9	6.8	6.6
1977.....	6.5	6.6	6.6	6.3	5.9	6.4	6.2	6.2	6.1	6.0	6.0	5.7
1978.....	5.6	5.3	5.1	5.3	5.3	5.3	5.5	5.2	5.3	4.8	5.1	5.1
1979.....	5.0	5.1	5.1	4.9	4.9	4.9	4.7	5.2	4.9	5.0	4.9	5.0
1980.....	5.1	5.2	5.0	5.5	5.6	5.7	5.8	5.9	5.7	5.8	5.7	5.8
1981.....	5.9	5.7	5.7	5.7	5.9	5.7	5.8	5.5	5.9	6.1	6.3	6.4
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS												
1970.....	6.7	7.2	7.3	8.1	7.9	8.7	8.1	8.5	8.6	8.9	9.2	9.6
1971.....	9.8	9.7	9.4	9.7	10.1	9.6	10.1	10.0	10.2	10.3	9.6	10.3
1972.....	10.8	10.5	10.2	9.4	10.0	9.7	10.0	9.9	10.0	10.1	10.0	9.4
1973.....	8.8	9.0	8.9	9.2	9.1	9.1	9.5	9.0	9.3	8.5	9.0	8.5
1974.....	9.2	9.3	9.2	8.8	9.2	9.3	9.9	9.5	10.0	10.9	11.6	12.4
1975.....	13.1	13.3	14.0	14.2	14.1	13.4	14.0	14.4	13.9	13.9	13.6	13.6
1976.....	13.2	13.6	12.7	13.0	12.3	13.4	12.9	13.3	12.9	13.1	13.2	13.4
1977.....	12.7	13.1	12.9	12.3	12.8	13.1	13.0	14.0	13.2	13.3	13.6	12.6
1978.....	12.8	11.9	12.5	11.9	12.2	11.9	12.3	11.6	11.4	11.1	11.8	11.5
1979.....	11.3	11.9	11.3	11.8	11.4	11.2	10.9	11.1	10.7	11.3	11.0	11.4
1980.....	11.9	11.8	11.9	12.7	13.6	13.4	14.0	13.5	13.8	13.9	13.8	13.6
1981.....	12.8	13.2	13.6	13.2	13.7	14.2	13.8	14.7	14.8	15.2	15.2	15.7
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS 16-19 YEARS												
1970.....	26.5	25.8	24.8	28.0	25.6	31.6	28.7	30.9	31.2	31.8	32.8	31.1
1971.....	30.8	30.9	31.5	30.7	31.3	35.3	32.8	33.1	30.1	31.6	29.1	33.4
1972.....	34.5	39.2	34.7	32.4	31.2	30.1	30.5	31.3	31.9	34.0	36.4	35.2
1973.....	29.2	31.3	28.7	31.5	29.8	30.3	31.5	29.5	33.4	27.7	29.5	29.1
1974.....	29.1	30.1	32.3	29.6	31.0	32.3	37.3	31.0	31.7	34.1	37.4	37.5
1975.....	39.4	36.5	39.2	37.4	36.4	35.4	34.8	37.5	35.6	36.3	34.7	36.2
1976.....	35.2	35.4	35.1	38.3	37.3	39.9	33.3	40.1	37.8	37.6	36.1	34.9
1977.....	36.0	36.7	38.2	36.0	37.6	38.9	39.7	40.2	37.4	37.2	38.7	37.4
1978.....	38.6	37.0	38.5	35.8	37.7	36.1	36.1	33.5	34.8	33.4	35.9	34.0
1979.....	32.6	34.1	31.6	35.3	36.4	33.3	31.1	32.1	31.7	34.0	32.5	33.4
1980.....	34.2	36.8	33.2	31.5	35.6	34.2	36.5	35.9	37.5	36.2	35.5	37.0
1981.....	36.3	35.5	36.6	35.6	34.3	38.2	36.7	42.8	37.7	41.7	40.1	39.0
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1970.....	4.7	5.3	5.6	6.1	6.2	6.4	6.2	6.5	6.5	6.7	6.9	7.5
1971.....	7.9	7.8	7.3	7.8	8.1	7.5	7.9	7.9	8.4	8.4	7.9	8.1
1972.....	8.5	7.8	7.8	7.2	8.0	7.7	8.0	7.7	7.9	7.9	7.4	6.9
1973.....	6.8	6.8	7.0	6.9	7.0	6.9	7.3	7.0	6.9	6.6	7.0	6.5
1974.....	7.1	7.2	6.9	6.8	7.1	7.0	7.2	7.4	7.7	8.5	9.1	9.9
1975.....	10.5	10.9	11.5	11.8	12.0	12.0	11.4	11.8	12.3	11.7	11.6	11.4
1976.....	11.1	11.5	10.5	10.5	10.0	11.2	11.0	10.7	10.6	10.8	11.1	11.5
1977.....	10.6	11.1	10.7	10.3	10.8	10.7	10.5	11.4	10.9	11.0	11.2	10.2
1978.....	10.4	9.5	10.1	9.7	9.8	9.6	9.9	9.4	9.2	9.0	9.5	9.4
1979.....	9.3	9.8	9.5	9.5	9.1	9.2	9.1	9.2	8.9	9.3	9.1	9.4
1980.....	9.9	9.5	10.0	11.1	11.7	11.6	12.0	11.6	11.7	12.0	11.9	11.7
1981.....	10.7	11.4	11.7	11.3	11.9	12.2	12.0	12.5	13.0	13.1	13.3	13.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BLACK AND OTHER MALES												
1970.....	5.7	6.2	6.3	7.1	6.9	8.0	7.4	7.5	8.1	8.2	7.9	9.0
1971.....	9.6	9.0	8.5	8.5	8.6	9.1	9.2	9.2	9.4	9.9	9.3	9.4
1972.....	9.6	10.2	9.3	8.7	9.4	8.0	9.2	8.9	8.5	8.3	8.6	8.5
1973.....	7.2	7.5	7.6	8.2	8.2	7.7	8.5	7.7	7.7	7.6	7.7	7.1
1974.....	8.0	8.7	9.0	8.3	8.0	9.1	8.7	9.0	9.8	10.0	10.9	11.7
1975.....	12.8	12.9	13.6	14.3	14.0	14.3	13.7	13.8	14.2	13.7	13.5	13.5
1976.....	12.9	13.1	12.4	12.4	11.9	13.4	12.1	12.4	12.3	12.6	13.1	13.3
1977.....	12.1	12.3	12.2	10.7	12.2	12.4	12.7	13.9	12.6	13.0	12.3	11.5
1978.....	12.0	11.3	11.4	11.2	11.3	10.5	10.6	10.5	10.5	10.1	11.0	10.8
1979.....	10.2	11.1	11.1	10.7	10.3	10.0	10.1	9.8	9.7	10.5	10.4	10.7
1980.....	11.4	11.7	11.4	12.4	13.4	13.8	14.3	14.2	15.0	14.0	13.7	13.5
1981.....	12.8	12.9	12.8	12.9	13.6	14.3	13.7	14.8	14.5	15.0	15.6	16.3
UNEMPLOYMENT RATE - BLACK AND OTHER MALES 16-19 YEARS												
1970.....	21.7	21.4	20.6	24.3	21.2	28.4	24.3	26.3	29.3	28.5	26.3	28.1
1971.....	29.1	29.5	29.1	27.6	29.7	33.5	29.9	28.4	27.2	29.6	25.7	27.9
1972.....	31.4	39.4	31.5	28.0	29.9	23.5	23.7	27.8	26.6	29.3	33.3	32.9
1973.....	25.3	26.6	25.2	29.0	27.4	26.7	29.1	25.1	27.4	24.6	27.7	27.6
1974.....	26.5	28.8	32.7	28.5	25.4	33.1	32.1	31.4	34.3	31.5	35.9	36.7
1975.....	39.1	32.8	36.5	36.3	34.8	36.7	34.7	37.9	32.8	35.7	31.2	32.7
1976.....	32.8	34.4	31.8	35.7	35.5	39.4	28.9	38.1	38.3	37.6	34.6	34.5
1977.....	33.8	36.8	38.6	34.3	37.5	36.6	39.0	39.4	34.5	35.7	37.1	34.9
1978.....	35.6	34.1	36.7	34.0	37.5	32.6	32.5	30.9	34.1	31.2	36.6	32.8
1979.....	33.2	33.3	32.0	32.2	31.1	31.5	30.4	27.8	29.2	30.9	31.1	31.8
1980.....	31.9	34.3	31.5	28.8	33.1	32.7	34.7	36.9	37.4	37.3	34.9	38.3
1981.....	38.6	35.7	33.6	36.5	34.6	38.8	37.4	43.5	36.8	38.4	39.0	37.4
UNEMPLOYMENT RATE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1970.....	4.1	4.7	4.8	5.4	5.5	5.9	5.9	5.8	6.1	6.3	6.2	7.2
1971.....	7.7	7.0	6.5	6.7	6.6	7.0	7.2	7.4	7.8	8.0	7.7	7.7
1972.....	7.5	7.3	7.1	6.8	7.3	6.4	7.8	6.9	6.7	6.3	6.1	5.9
1973.....	5.5	5.6	5.8	6.0	6.3	5.8	6.4	6.0	5.7	5.9	5.7	5.0
1974.....	6.0	6.7	6.5	6.3	6.3	6.6	6.3	6.8	7.2	7.7	8.3	9.3
1975.....	10.2	10.9	11.4	12.1	12.0	12.1	11.8	11.6	12.5	11.6	11.9	11.8
1976.....	11.0	11.0	10.5	10.1	9.7	11.2	10.6	10.0	9.8	10.3	11.0	11.3
1977.....	10.1	10.1	9.8	8.7	10.0	10.0	10.1	11.2	10.5	10.8	9.8	9.2
1978.....	9.7	9.0	8.9	9.0	8.8	8.4	8.4	8.6	8.3	8.1	8.6	8.7
1979.....	8.1	9.0	9.0	8.7	8.3	8.0	8.3	8.1	8.0	8.7	8.6	8.9
1980.....	9.6	9.7	9.6	11.0	11.6	12.1	12.4	12.3	12.9	11.8	11.7	11.3
1981.....	10.4	11.0	11.0	10.8	11.7	12.3	11.8	12.4	12.8	13.1	13.7	14.6
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES												
1970.....	7.9	8.4	8.5	9.3	9.1	9.5	9.0	9.9	9.2	9.8	10.8	10.2
1971.....	10.0	10.7	10.6	11.3	11.9	10.2	11.2	11.0	11.1	10.9	10.0	11.3
1972.....	12.2	10.9	11.4	10.3	10.9	11.7	11.1	11.2	11.8	12.4	11.6	10.6
1973.....	10.6	10.9	10.6	10.5	10.1	11.0	10.7	10.6	11.3	9.7	10.5	10.4
1974.....	10.7	10.0	9.5	9.5	10.7	9.7	11.4	10.0	10.2	11.9	12.5	13.2
1975.....	13.4	13.7	14.3	14.0	14.5	13.8	13.1	14.3	14.7	14.2	13.6	13.6
1976.....	13.6	14.1	13.1	13.7	12.8	13.4	13.7	14.3	13.6	13.6	13.4	13.5
1977.....	13.4	14.1	13.8	14.2	13.5	14.1	13.5	14.2	13.9	13.7	15.1	13.8
1978.....	13.6	12.6	13.8	12.6	13.3	13.5	14.2	12.7	12.4	12.3	12.7	12.4
1979.....	12.5	12.8	11.7	13.0	12.7	12.6	11.8	12.5	11.9	12.3	11.6	12.1
1980.....	12.4	11.9	12.4	13.0	13.9	13.0	13.7	12.7	12.5	13.7	13.8	13.8
1981.....	12.8	13.5	14.4	13.6	13.8	14.0	13.9	14.7	15.0	15.5	14.9	15.0
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES 16-19 YEARS												
1970.....	32.5	31.6	30.9	33.1	31.3	35.7	34.2	36.8	33.6	36.0	40.3	35.1
1971.....	33.3	32.7	34.5	34.6	33.4	37.8	36.7	39.8	33.8	34.5	33.7	40.0
1972.....	38.4	38.9	38.9	38.2	33.1	40.1	39.6	36.1	39.1	40.1	40.7	38.6
1973.....	34.5	37.1	33.2	34.8	33.0	34.4	34.4	34.8	40.5	32.0	31.9	31.1
1974.....	32.5	31.7	31.8	31.1	37.8	31.4	43.8	30.5	28.4	37.5	39.4	38.4
1975.....	39.7	40.9	42.4	38.8	38.3	33.8	34.9	37.0	38.6	37.0	38.7	40.0
1976.....	38.0	36.5	38.9	41.4	39.5	40.5	38.5	42.4	37.2	37.7	38.0	35.5
1977.....	38.8	36.5	37.6	38.0	37.8	41.6	40.7	41.2	40.7	39.1	40.6	40.6
1978.....	42.2	40.6	40.6	38.0	37.9	40.0	40.2	36.4	35.7	35.9	35.1	35.3
1979.....	32.1	35.0	31.2	38.5	42.6	35.4	31.8	37.5	34.7	37.5	34.0	35.0
1980.....	36.6	39.4	35.1	34.6	38.6	36.1	38.7	34.8	37.6	34.8	36.3	35.3
1981.....	33.5	35.2	40.1	34.6	34.0	37.6	35.8	41.8	38.8	45.0	41.3	40.8
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1970.....	5.4	6.1	6.6	7.1	6.9	7.0	6.7	7.3	6.9	7.2	7.7	7.9
1971.....	8.0	8.8	8.3	9.1	10.0	8.1	8.9	8.6	9.0	8.9	8.0	8.5
1972.....	9.8	8.4	8.8	7.7	8.9	9.2	8.4	8.7	9.4	9.9	8.9	8.1
1973.....	8.5	8.3	8.4	8.0	7.9	8.4	8.3	8.1	8.2	7.6	8.5	8.4
1974.....	8.5	8.0	7.4	7.5	8.0	7.5	8.2	8.1	8.4	9.4	10.0	10.8
1975.....	10.8	10.9	11.6	11.5	12.0	11.9	10.9	12.1	12.2	11.9	11.2	10.9
1976.....	11.2	12.0	10.6	11.0	10.3	11.2	11.5	11.6	11.5	11.5	11.2	11.7
1977.....	11.1	12.2	11.8	12.1	11.7	11.5	11.0	11.7	11.5	11.3	12.7	11.4
1978.....	11.1	10.1	11.4	10.4	11.0	10.9	11.6	10.4	10.2	10.1	10.6	10.2
1979.....	10.7	10.7	9.9	10.5	10.0	10.5	10.0	10.4	9.9	10.0	9.6	10.0
1980.....	10.2	9.4	10.4	11.2	11.8	11.1	11.5	10.9	10.4	12.1	12.1	12.1
1981.....	11.1	11.8	12.4	11.9	12.2	12.2	12.2	12.7	13.2	13.0	12.8	13.1

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BLACK WORKERS												
1972.....	11.1	10.9	10.5	9.9	10.3	10.2	10.5	10.6	10.4	10.6	10.1	9.4
1973.....	9.0	10.5	10.3	10.0	9.7	9.8	9.9	9.2	9.7	8.9	9.3	9.0
1974.....	9.5	9.6	9.6	9.5	9.8	10.1	10.4	10.0	10.8	11.5	12.5	13.1
1975.....	14.1	14.2	15.0	15.3	15.2	15.0	14.2	15.2	15.4	14.9	14.6	14.5
1976.....	14.2	14.4	13.5	13.7	13.2	14.3	14.0	14.3	13.7	13.9	14.0	14.1
1977.....	13.7	14.2	13.8	12.8	13.6	13.9	13.9	15.1	14.5	14.5	14.7	13.6
1978.....	13.9	13.0	13.1	12.8	13.0	12.7	13.0	12.3	12.0	11.8	12.7	12.4
1979.....	12.3	13.3	12.4	12.8	12.4	12.2	12.1	12.3	11.9	12.3	11.9	12.2
1980.....	12.9	12.8	12.8	13.8	14.5	14.6	15.2	14.6	15.1	15.2	15.1	15.1
1981.....	14.3	14.6	15.0	14.7	15.0	15.6	14.9	16.3	16.3	16.8	16.8	17.3
UNEMPLOYMENT RATE - BLACK WORKERS 16-19 YEARS												
1972.....	36.3	39.0	35.0	35.6	34.2	32.8	33.7	35.3	33.9	36.4	37.1	36.5
1973.....	30.3	38.5	36.7	33.6	33.0	32.5	34.2	30.4	34.4	29.6	30.6	31.2
1974.....	31.1	31.0	34.2	32.3	33.7	34.5	39.6	32.4	34.7	35.7	40.1	39.6
1975.....	42.7	37.7	40.4	40.8	39.3	38.5	36.2	42.8	40.0	40.1	36.8	38.0
1976.....	37.3	36.7	37.2	38.1	40.1	42.7	37.2	42.4	40.0	40.2	39.3	38.7
1977.....	40.3	40.2	40.9	38.0	40.3	42.4	43.5	43.3	40.5	40.3	41.5	40.3
1978.....	41.4	40.2	41.8	39.7	40.3	38.7	37.9	37.1	36.7	34.6	38.3	36.4
1979.....	34.5	37.0	34.0	38.4	38.1	37.7	35.4	36.4	36.1	38.0	36.0	36.2
1980.....	37.5	39.0	36.6	34.6	38.4	37.3	39.5	39.7	40.7	39.7	38.1	40.4
1981.....	39.7	38.3	39.7	40.2	36.9	40.9	40.0	49.0	40.8	45.6	44.1	42.2
UNEMPLOYMENT RATE - BLACK WORKERS 20 YEARS AND OVER												
1972.....	8.7	8.2	8.1	7.3	7.9	7.9	8.2	8.1	8.1	8.1	7.4	6.7
1973.....	7.0	7.2	7.3	7.5	7.3	7.4	7.4	7.1	7.1	6.7	7.1	6.8
1974.....	7.2	7.4	7.1	7.3	7.3	7.6	7.4	7.8	8.3	8.9	9.7	10.5
1975.....	11.2	11.8	12.5	12.7	12.7	12.7	12.0	12.7	13.0	12.4	12.4	12.2
1976.....	11.9	12.2	11.1	11.2	10.5	11.7	11.8	11.5	11.2	11.5	11.6	11.8
1977.....	11.4	11.9	11.5	10.6	11.2	11.1	11.1	12.2	11.9	12.0	11.9	11.0
1978.....	11.2	10.4	10.3	10.3	10.3	10.2	10.4	9.8	9.7	9.6	10.2	10.1
1979.....	10.2	11.0	10.3	10.3	10.0	9.8	9.9	10.1	9.7	10.0	9.7	10.1
1980.....	10.6	10.4	10.7	12.0	12.3	12.5	13.0	12.5	12.7	13.0	13.1	12.8
1981.....	11.9	12.6	12.8	12.5	13.1	13.6	12.9	13.7	14.3	14.3	14.6	15.3
UNEMPLOYMENT RATE - BLACK MALES												
1972.....	10.3	10.3	9.1	9.0	9.5	8.4	9.6	9.6	9.1	9.0	8.9	8.6
1973.....	7.5	9.5	9.5	8.7	8.9	8.2	8.8	7.9	8.1	8.0	7.9	7.4
1974.....	8.4	8.8	9.4	8.9	8.7	9.9	9.0	9.7	10.7	10.8	11.8	12.6
1975.....	13.9	13.7	14.7	15.6	14.9	15.6	14.5	15.1	15.3	14.8	14.7	14.8
1976.....	14.1	13.9	13.2	13.2	13.1	14.3	13.4	13.5	13.4	13.7	14.0	13.9
1977.....	13.0	13.0	13.0	10.9	13.3	13.0	13.6	15.3	13.9	14.2	13.5	12.6
1978.....	13.4	12.4	12.1	12.1	11.9	11.2	11.3	11.2	11.0	10.8	12.1	11.6
1979.....	11.4	12.3	12.2	11.6	11.2	11.0	11.2	11.0	10.8	11.5	11.3	11.8
1980.....	12.8	12.6	12.4	13.7	14.5	15.2	15.8	15.6	16.8	15.4	15.0	14.8
1981.....	14.3	14.2	14.0	14.6	15.1	15.9	14.9	16.5	16.4	16.8	17.5	18.3
UNEMPLOYMENT RATE - BLACK MALES 16-19 YEARS												
1972.....	33.1	36.9	30.5	31.2	33.0	25.8	27.8	31.3	29.9	32.9	34.1	33.5
1973.....	25.6	38.7	38.0	30.9	32.2	30.0	32.2	25.4	28.5	26.8	27.9	28.7
1974.....	28.2	27.8	32.9	30.6	28.1	35.4	34.8	33.0	36.6	32.4	38.1	37.8
1975.....	42.3	33.5	37.5	40.4	38.0	39.3	35.6	44.4	37.3	39.9	34.0	35.7
1976.....	34.7	34.6	33.5	33.7	39.5	43.6	33.6	39.7	39.7	39.5	36.7	37.3
1977.....	37.5	39.5	40.7	34.9	40.4	38.4	41.4	43.0	37.2	38.5	39.4	36.8
1978.....	38.3	37.7	40.4	38.2	40.0	34.7	34.2	35.1	36.0	31.3	38.2	34.3
1979.....	34.4	35.9	34.0	34.5	32.1	35.7	34.2	31.4	33.2	34.6	34.7	35.1
1980.....	35.1	36.2	34.6	31.6	35.8	35.5	37.8	41.0	40.8	40.2	37.2	41.8
1981.....	41.8	38.2	35.7	41.5	37.6	40.6	41.8	49.9	38.5	41.6	41.9	39.6
UNEMPLOYMENT RATE - BLACK MALES 20 YEARS AND OVER												
1972.....	8.1	7.6	7.0	6.7	7.0	6.5	7.8	7.2	7.0	6.6	6.3	6.0
1973.....	5.7	5.8	6.1	6.3	6.4	6.1	6.4	6.1	5.9	6.0	5.8	5.2
1974.....	6.3	6.9	6.8	6.7	6.7	7.2	6.3	7.3	7.9	8.4	9.0	10.0
1975.....	11.1	11.6	12.5	13.0	12.6	13.1	12.5	12.5	13.2	12.4	12.9	12.9
1976.....	12.0	11.9	11.2	10.9	10.4	11.7	11.5	10.9	10.8	11.1	11.9	11.6
1977.....	10.8	10.6	10.5	8.9	10.8	10.4	10.6	12.1	11.5	11.7	10.7	10.0
1978.....	10.8	9.8	9.2	9.6	9.2	8.9	8.8	9.0	8.6	8.8	9.4	9.4
1979.....	9.1	9.9	9.9	9.4	9.1	8.7	9.1	9.1	8.7	9.4	9.3	9.8
1980.....	10.8	10.5	10.4	12.1	12.5	13.2	13.7	13.5	14.4	13.0	12.9	12.2
1981.....	11.5	12.0	12.1	12.1	13.0	13.7	12.7	13.6	14.5	14.7	15.5	16.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BLACK FEMALES												
1972.....	12.1	11.7	12.1	11.0	11.2	12.5	11.7	12.0	12.1	12.7	11.4	10.4
1973.....	11.0	11.6	11.2	11.6	10.7	11.8	11.2	10.9	11.7	9.9	11.0	11.0
1974.....	10.8	10.5	10.0	10.3	11.1	10.5	12.0	10.4	11.0	12.4	13.3	13.8
1975.....	14.2	14.9	15.3	15.1	15.4	14.4	13.7	15.4	15.5	15.0	14.4	14.2
1976.....	14.4	14.9	13.8	14.4	13.4	14.2	14.6	15.2	14.0	14.3	13.9	14.2
1977.....	14.6	15.6	14.8	14.9	13.8	15.1	14.3	14.9	15.1	14.8	15.9	14.7
1978.....	14.5	13.7	14.2	13.6	14.1	14.4	14.8	13.3	13.2	12.9	13.5	13.3
1979.....	13.4	14.5	12.7	14.0	13.7	13.5	13.0	13.8	13.0	13.3	12.4	12.7
1980.....	12.9	13.1	13.3	13.9	14.5	14.0	14.6	13.6	13.3	14.9	15.1	15.3
1981.....	14.2	15.1	16.0	14.8	14.9	15.4	14.8	16.1	16.2	16.7	16.1	16.3
UNEMPLOYMENT RATE - BLACK FEMALES 16-19 YEARS												
1972.....	40.2	41.8	40.7	41.7	36.0	43.1	41.8	40.9	39.2	40.9	41.1	40.6
1973.....	36.4	38.1	34.8	37.0	34.1	35.1	36.6	36.4	41.4	33.4	34.0	34.2
1974.....	34.9	35.1	36.1	34.7	40.6	33.4	45.5	31.7	32.3	40.1	42.7	42.1
1975.....	43.2	42.7	43.8	41.3	40.8	37.4	37.0	41.0	43.0	40.3	39.7	40.4
1976.....	40.2	38.9	41.2	43.6	40.9	41.7	41.4	45.5	40.2	41.0	42.4	40.7
1977.....	43.4	41.1	41.2	41.4	40.1	47.1	46.5	43.6	44.3	42.5	44.2	44.6
1978.....	45.0	43.3	43.5	41.5	40.7	42.9	42.1	39.2	37.5	38.1	38.3	38.6
1979.....	34.5	38.4	34.0	42.5	45.2	40.0	36.7	42.5	39.4	41.6	37.3	37.1
1980.....	40.1	41.8	38.9	38.2	41.4	39.4	41.5	38.2	40.6	39.0	39.2	38.8
1981.....	37.0	38.4	43.9	38.6	36.0	41.2	37.9	47.8	43.4	49.5	46.6	45.1
UNEMPLOYMENT RATE - BLACK FEMALES 20 YEARS AND OVER												
1972.....	9.3	8.9	9.4	8.2	9.1	9.7	8.8	9.2	9.5	9.9	8.7	7.6
1973.....	8.6	9.0	8.9	8.9	8.4	9.1	8.6	8.3	8.4	7.6	8.8	8.6
1974.....	8.3	8.1	7.4	8.0	8.2	8.0	8.6	8.3	8.9	9.6	10.5	11.1
1975.....	11.3	12.0	12.5	12.4	12.8	12.2	11.5	12.9	12.7	12.4	11.8	11.4
1976.....	11.9	12.5	11.0	11.5	10.7	11.8	12.2	12.2	11.7	11.9	11.2	12.0
1977.....	12.0	13.4	12.6	12.5	11.8	11.9	11.5	12.3	12.4	12.2	13.3	12.0
1978.....	11.7	11.0	11.5	11.0	11.5	11.5	12.1	10.8	10.8	10.5	11.0	10.8
1979.....	11.4	12.2	10.8	11.2	10.9	11.1	10.8	11.3	10.7	10.7	10.1	10.3
1980.....	10.5	10.4	11.0	11.9	12.2	11.8	12.2	11.6	10.9	13.0	13.2	13.4
1981.....	12.3	13.2	13.6	12.9	13.1	13.3	13.1	13.8	14.0	13.9	13.6	14.1
UNEMPLOYMENT RATE - MARRIED WORKERS, SPOUSE PRESENT												
1970.....	2.5	2.8	3.1	3.1	3.2	3.2	3.4	3.4	3.7	3.7	4.0	4.1
1971.....	4.1	4.0	4.1	4.0	4.0	3.9	3.9	4.0	4.0	3.9	4.1	4.0
1972.....	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.4	3.3
1973.....	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.1	3.0	2.9	3.0	3.1
1974.....	3.2	3.3	3.1	3.1	3.0	3.3	3.5	3.6	3.8	3.8	4.4	4.9
1975.....	5.8	5.8	6.2	6.6	6.8	6.4	6.2	6.0	6.1	6.0	5.7	5.6
1976.....	5.4	5.3	5.1	5.1	5.1	5.3	5.4	5.3	5.4	5.3	5.3	5.2
1977.....	5.0	5.1	5.0	4.8	4.6	4.6	4.5	4.5	4.4	4.5	4.4	4.3
1978.....	4.1	3.9	3.9	3.7	3.9	3.8	3.7	3.8	3.8	3.6	3.6	3.8
1979.....	3.7	3.7	3.6	3.7	3.4	3.5	3.5	3.8	3.6	3.8	3.7	3.8
1980.....	4.1	4.1	4.2	4.7	5.1	5.2	5.4	5.4	5.1	5.1	5.0	4.9
1981.....	4.9	4.8	4.8	4.6	4.7	4.8	4.6	4.6	5.0	5.3	5.7	6.0
UNEMPLOYMENT RATE - MARRIED MEN, SPOUSE PRESENT												
1970.....	1.9	2.0	2.2	2.3	2.5	2.5	2.7	2.8	2.9	3.0	3.2	3.4
1971.....	3.3	3.2	3.2	3.1	3.2	3.1	3.1	3.2	3.3	3.0	3.4	3.2
1972.....	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.5	2.4
1973.....	2.4	2.4	2.4	2.4	2.3	2.2	2.1	2.2	2.1	2.2	2.2	2.3
1974.....	2.4	2.4	2.3	2.4	2.2	2.5	2.7	2.8	2.8	3.0	3.4	3.8
1975.....	4.6	4.7	5.1	5.5	5.7	5.5	5.4	5.2	5.3	5.2	4.9	4.7
1976.....	4.4	4.2	4.2	4.1	4.1	4.4	4.4	4.1	4.4	4.2	4.3	4.2
1977.....	4.1	4.1	3.8	3.7	3.6	3.5	3.4	3.4	3.3	3.6	3.3	3.2
1978.....	3.1	3.0	3.1	2.8	2.8	2.8	2.6	2.7	2.7	2.6	2.5	2.7
1979.....	2.7	2.7	2.7	2.8	2.4	2.6	2.7	2.9	2.8	2.9	3.0	3.0
1980.....	3.5	3.2	3.5	4.1	4.5	4.6	4.9	4.9	4.7	4.6	4.4	4.3
1981.....	4.2	4.1	4.1	3.8	4.0	4.2	3.9	4.0	4.4	4.8	5.2	5.7
UNEMPLOYMENT RATE - MARRIED WOMEN, SPOUSE PRESENT												
1970.....	3.8	4.3	4.9	4.6	4.8	4.7	5.0	4.7	5.3	5.2	5.6	5.6
1971.....	5.7	5.7	6.0	6.0	5.7	5.7	5.6	5.6	5.6	5.7	5.7	5.5
1972.....	5.3	5.3	5.4	5.5	5.6	5.6	5.7	5.6	5.3	5.2	5.0	5.0
1973.....	4.9	4.8	4.6	4.6	4.6	4.7	4.7	5.0	4.7	4.3	4.6	4.7
1974.....	4.8	5.0	4.7	4.5	4.7	4.8	5.1	5.3	5.8	5.3	6.5	7.0
1975.....	8.1	8.0	8.4	8.7	8.7	8.2	7.6	7.6	7.6	7.5	7.3	7.2
1976.....	7.2	7.2	6.9	7.0	6.8	7.0	7.3	7.4	7.2	7.2	7.0	6.9
1977.....	6.6	6.9	7.0	6.7	6.5	6.7	6.5	6.4	6.4	6.2	6.4	6.0
1978.....	5.8	5.5	5.4	5.1	5.8	5.5	5.6	5.6	5.6	5.2	5.5	5.6
1979.....	5.4	5.3	5.3	5.2	5.0	5.1	4.9	5.4	4.9	5.2	4.9	5.1
1980.....	5.2	5.5	5.3	5.7	6.1	6.0	6.2	6.2	5.8	6.0	5.8	5.8
1981.....	6.0	5.8	5.9	5.9	5.8	5.7	5.7	5.5	6.0	6.1	6.5	6.6

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - WOMEN WHO MAINTAIN FAMILIES												
1970.....	4.4	4.5	5.3	3.8	4.9	4.7	5.9	6.0	5.6	6.5	6.4	6.2
1971.....	6.4	7.3	6.9	7.1	7.8	7.3	7.2	7.3	7.6	7.3	7.3	8.5
1972.....	7.2	7.0	7.0	7.2	7.0	7.7	7.3	7.3	7.2	8.3	6.5	6.3
1973.....	7.1	6.6	7.0	6.9	6.7	8.0	7.0	6.5	6.8	7.0	8.0	7.1
1974.....	6.7	6.4	6.5	6.6	7.0	6.7	6.2	6.6	7.4	7.3	8.5	8.3
1975.....	9.0	9.7	9.9	9.6	10.5	10.2	10.4	9.8	9.8	10.4	10.1	10.4
1976.....	10.6	10.2	9.5	9.6	9.2	9.6	10.1	10.5	10.6	10.5	9.8	10.3
1977.....	9.5	9.5	9.7	9.3	8.9	9.4	9.2	9.9	10.4	9.3	9.4	8.1
1978.....	8.3	7.8	8.7	9.9	9.1	8.8	9.8	8.2	8.4	7.6	7.8	8.0
1979.....	7.9	8.4	8.3	8.1	8.6	9.1	8.1	8.2	8.1	8.4	8.4	8.4
1980.....	8.9	8.6	8.8	9.1	8.4	8.6	8.8	9.3	9.1	10.2	9.8	10.2
1981.....	10.3	9.8	9.6	9.9	10.4	10.7	11.2	10.1	10.7	10.6	10.8	10.5
UNEMPLOYMENT RATE - FULL-TIME WORKERS												
1970.....	3.4	3.8	3.9	4.2	4.5	4.5	4.6	4.7	4.9	5.1	5.4	5.6
1971.....	5.4	5.4	5.4	5.4	5.5	5.5	5.6	5.6	5.6	5.5	5.6	5.6
1972.....	5.3	5.2	5.3	5.2	5.3	5.1	5.2	5.2	5.0	5.1	4.6	4.6
1973.....	4.5	4.5	4.5	4.5	4.4	4.2	4.2	4.3	4.3	4.1	4.4	4.4
1974.....	4.6	4.6	4.6	4.6	4.7	4.8	5.0	4.9	5.4	5.6	6.1	6.6
1975.....	7.6	7.7	8.2	8.5	8.8	8.5	8.4	8.0	8.3	8.2	8.0	7.8
1976.....	7.5	7.2	7.2	7.2	7.0	7.3	7.2	7.3	7.4	7.3	7.4	7.4
1977.....	7.0	7.0	6.9	6.7	6.6	6.6	6.5	6.5	6.3	6.4	6.2	5.9
1978.....	6.0	5.8	5.8	5.5	5.6	5.3	5.7	5.4	5.5	5.2	5.3	5.4
1979.....	5.3	5.4	5.3	5.3	5.1	5.2	5.2	5.4	5.4	5.5	5.5	5.5
1980.....	5.8	5.8	6.0	6.6	7.2	7.3	7.6	7.5	7.3	7.3	7.3	7.2
1981.....	7.2	7.1	7.1	6.9	7.1	7.1	6.8	6.9	7.3	7.7	8.1	8.7
UNEMPLOYMENT RATE - FULL-TIME WORKERS 16-19 YEARS												
1970.....	13.5	13.9	14.6	15.7	15.5	18.5	16.4	17.5	16.0	17.1	18.2	17.2
1971.....	17.4	17.0	17.7	16.6	17.5	21.3	20.1	18.2	17.6	17.8	18.2	18.2
1972.....	17.9	18.7	17.8	18.2	16.7	16.0	16.4	17.1	16.4	15.8	15.2	16.2
1973.....	14.7	15.4	14.8	15.3	14.6	11.6	13.6	13.6	14.9	14.7	16.0	15.3
1974.....	15.4	15.3	15.5	14.9	15.4	16.1	17.1	15.4	17.4	17.9	18.5	18.2
1975.....	21.0	20.7	21.7	21.7	22.1	24.1	23.1	22.5	21.2	21.2	20.4	21.2
1976.....	21.3	19.6	20.1	21.2	19.8	21.4	18.0	21.2	20.7	20.6	19.5	19.9
1977.....	19.2	19.5	18.9	18.9	18.4	19.0	18.1	18.0	17.6	17.2	17.6	16.3
1978.....	16.9	17.6	17.7	16.9	16.5	13.8	17.1	15.0	16.8	16.6	17.0	17.2
1979.....	16.1	16.5	16.2	16.7	16.1	15.1	15.7	16.9	17.8	17.1	16.7	17.0
1980.....	17.2	17.7	17.4	17.1	20.9	20.5	21.2	20.9	19.5	19.7	20.5	19.5
1981.....	20.8	20.1	20.9	20.3	21.0	21.9	20.6	20.0	21.2	22.3	22.4	24.0
UNEMPLOYMENT RATE - FULL-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	2.4	2.7	2.8	3.0	3.2	3.3	3.5	3.6	3.8	4.0	4.1	4.5
1971.....	4.2	4.2	4.1	4.1	4.2	4.2	4.2	4.4	4.4	4.3	4.4	4.4
1972.....	4.1	3.9	3.9	3.9	3.9	3.8	3.9	3.7	3.7	3.9	3.5	3.4
1973.....	3.3	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.9	3.0	3.0
1974.....	3.2	3.3	3.2	3.4	3.3	3.4	3.5	3.7	3.8	4.2	4.5	5.2
1975.....	5.9	6.1	6.6	7.0	7.1	7.0	7.0	6.6	7.1	6.9	6.7	6.3
1976.....	5.9	5.6	5.6	5.5	5.5	5.9	5.9	5.7	5.9	5.8	6.0	6.0
1977.....	5.5	5.6	5.4	5.2	5.1	5.0	5.0	5.0	4.7	4.9	4.6	4.4
1978.....	4.5	4.4	4.4	4.1	4.1	3.9	4.0	4.0	4.0	4.0	3.9	4.1
1979.....	4.0	4.0	4.0	3.9	3.7	3.8	4.0	4.1	4.1	4.2	4.3	4.4
1980.....	4.7	4.7	5.0	5.8	6.2	6.5	6.7	6.6	6.7	6.4	6.3	6.2
1981.....	6.0	6.0	6.0	5.8	5.9	6.2	5.7	5.9	6.2	6.7	7.1	7.8
UNEMPLOYMENT RATE - FULL-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	3.8	4.1	4.4	4.5	5.1	4.6	4.9	4.9	5.1	5.3	5.8	5.9
1971.....	5.8	5.7	5.9	5.9	6.0	5.8	5.7	5.8	6.0	5.7	5.8	5.7
1972.....	5.6	5.4	5.6	5.4	6.0	5.6	5.9	5.7	5.5	5.5	5.0	4.7
1973.....	5.1	5.0	4.9	4.9	4.6	4.9	4.8	4.9	4.9	4.5	4.9	5.0
1974.....	5.1	5.0	5.0	5.0	5.2	5.3	5.4	5.3	5.9	5.8	6.8	7.2
1975.....	8.2	8.3	8.6	8.9	9.3	8.5	8.4	7.9	8.1	8.3	8.1	7.9
1976.....	7.9	7.8	7.7	7.5	7.3	7.5	7.7	7.7	7.7	7.7	7.6	7.6
1977.....	7.3	7.3	7.4	7.3	7.1	7.1	7.0	7.2	7.1	6.9	7.0	6.6
1978.....	6.6	6.2	6.1	6.0	6.2	6.2	6.5	6.0	6.0	5.4	5.7	5.8
1979.....	5.6	6.0	5.7	5.8	5.6	5.7	5.6	5.9	5.6	5.7	5.5	5.6
1980.....	5.8	5.7	5.8	6.3	6.7	6.7	6.9	6.9	6.5	7.0	7.0	7.0
1981.....	6.9	6.9	6.9	6.8	7.0	6.7	6.8	6.7	7.1	7.4	7.6	7.9
UNEMPLOYMENT RATE - PART-TIME WORKERS												
1970.....	6.7	6.6	7.1	7.1	6.8	7.4	7.6	7.6	8.3	8.4	8.6	8.9
1971.....	8.9	8.6	9.0	9.2	8.9	8.1	8.7	8.8	8.2	8.6	8.8	8.5
1972.....	8.6	8.4	8.9	8.9	8.0	8.9	8.2	8.4	8.6	8.9	8.8	8.6
1973.....	7.3	7.7	7.6	8.4	8.1	8.7	8.5	8.0	7.9	7.7	7.5	7.7
1974.....	7.9	8.2	7.9	7.7	8.4	8.7	8.5	8.5	9.2	8.9	9.5	9.8
1975.....	10.3	10.1	10.6	10.4	10.6	10.2	9.9	10.6	10.3	10.4	10.1	10.5
1976.....	10.3	10.4	9.9	10.5	10.0	9.2	10.9	10.2	9.9	10.2	10.4	9.8
1977.....	10.2	10.8	10.7	9.7	9.6	10.7	9.6	9.2	9.9	9.4	9.6	8.8
1978.....	9.0	8.8	9.4	9.3	8.8	9.0	9.1	8.9	9.1	8.8	9.1	9.3
1979.....	9.0	8.8	9.1	8.7	9.1	8.7	8.4	8.9	8.6	8.7	8.4	8.7
1980.....	8.6	8.9	8.5	8.9	9.0	8.8	8.8	8.6	8.8	9.2	8.7	8.2
1981.....	9.1	9.1	9.1	9.2	9.6	9.2	9.3	9.6	9.6	9.5	10.2	9.2

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - PART-TIME WORKERS 16-19 YEARS												
1970.....	13.6	11.8	12.0	13.7	12.6	13.8	13.5	14.0	16.0	16.2	16.5	17.2
1971.....	16.5	14.4	16.0	16.1	15.6	14.3	15.5	15.5	15.3	15.8	15.5	15.4
1972.....	16.0	16.6	16.6	15.1	13.5	15.7	15.1	15.7	16.0	15.6	16.5	14.9
1973.....	12.6	14.5	13.7	16.1	15.2	16.9	15.7	14.7	14.3	14.2	13.9	13.8
1974.....	14.0	14.2	14.3	14.2	15.2	16.3	16.6	14.1	16.5	16.2	17.1	17.9
1975.....	17.9	17.6	17.9	18.0	17.8	17.0	17.5	18.1	17.5	18.2	17.4	17.8
1976.....	17.7	18.3	17.4	17.5	16.9	15.4	18.4	17.1	16.4	17.0	18.7	17.8
1977.....	18.6	17.0	18.7	17.0	17.2	18.8	16.8	16.0	18.7	17.1	16.8	14.5
1978.....	16.4	16.6	17.1	16.5	15.7	17.2	16.1	16.1	16.1	15.5	15.5	16.1
1979.....	15.9	15.7	15.8	16.0	16.5	15.9	15.5	15.5	15.3	15.7	15.0	15.3
1980.....	15.4	15.3	15.0	15.5	16.5	16.2	16.4	16.3	16.4	17.0	16.4	15.5
1981.....	16.8	18.1	17.4	17.7	17.7	16.8	16.6	17.3	18.1	18.2	20.4	17.8
UNEMPLOYMENT RATE - PART-TIME WORKERS, MALES 20 YEARS AND OVER												
1970.....	4.9	5.2	5.4	5.6	5.5	5.7	6.3	6.7	6.4	6.5	6.9	7.5
1971.....	7.8	7.7	7.9	7.0	7.8	5.9	6.9	5.9	6.7	6.6	6.9	6.7
1972.....	7.5	7.1	7.5	7.7	7.3	8.0	6.6	6.6	6.4	7.0	6.5	6.2
1973.....	5.3	5.2	5.2	7.2	5.8	6.6	7.0	6.8	6.9	6.1	5.4	6.5
1974.....	6.6	7.0	5.8	5.9	6.1	7.4	6.2	8.0	7.0	6.8	7.2	7.8
1975.....	7.3	7.8	8.5	8.4	10.3	8.2	8.3	8.7	9.2	9.2	9.1	8.9
1976.....	9.0	8.8	9.1	9.8	8.7	8.9	8.7	8.6	8.0	8.6	8.3	8.3
1977.....	8.8	9.3	8.2	8.0	8.9	8.6	7.5	7.7	6.8	7.3	7.5	8.2
1978.....	7.5	6.2	7.9	7.5	6.3	6.4	7.0	6.8	7.0	6.5	6.6	7.4
1979.....	5.9	6.1	7.1	6.5	6.3	6.6	6.8	6.9	6.9	6.6	5.7	6.3
1980.....	6.6	6.3	6.1	6.6	7.1	6.9	6.5	6.0	6.6	7.0	6.7	5.4
1981.....	7.4	6.9	6.8	6.6	8.4	6.2	7.7	8.9	8.2	7.9	8.5	8.5
UNEMPLOYMENT RATE - PART-TIME WORKERS, FEMALES 20 YEARS AND OVER												
1970.....	3.5	4.3	5.0	4.0	4.1	4.3	4.8	4.4	4.8	4.7	4.8	4.7
1971.....	5.1	5.6	5.6	6.0	5.5	5.3	5.5	6.1	4.6	5.4	5.6	5.4
1972.....	4.8	4.1	4.9	5.6	5.1	5.4	4.9	5.0	5.3	5.8	5.3	5.8
1973.....	5.3	4.8	5.0	4.3	5.0	5.1	5.3	4.8	4.7	4.6	4.6	4.6
1974.....	4.9	5.2	5.0	4.8	5.4	4.8	5.0	5.7	5.8	5.5	6.1	5.9
1975.....	7.0	6.7	7.1	6.9	6.6	7.1	6.3	7.0	6.4	6.6	6.3	6.9
1976.....	6.6	6.6	6.0	6.8	6.5	5.6	7.3	6.8	6.9	7.0	6.6	5.8
1977.....	6.2	7.9	7.1	6.3	5.7	6.9	6.3	5.9	6.2	6.0	6.5	6.0
1978.....	5.5	5.3	5.5	6.0	5.9	5.7	6.1	5.6	5.8	5.9	6.3	6.1
1979.....	6.3	6.0	6.2	5.5	6.0	5.5	5.1	6.1	5.6	5.7	5.8	6.1
1980.....	5.8	6.5	5.9	6.4	5.7	5.5	5.3	5.4	5.5	5.8	5.4	5.5
1981.....	5.7	5.3	5.7	5.7	5.9	6.4	6.3	6.0	6.0	5.9	5.8	5.3
UNEMPLOYMENT RATE - WHITE-COLLAR WORKERS												
1970.....	2.2	2.4	2.6	2.8	2.8	2.8	3.0	2.8	2.9	3.0	3.5	3.6
1971.....	3.5	3.5	3.7	3.6	3.6	3.4	3.5	3.5	3.4	3.4	3.5	3.4
1972.....	3.5	3.4	3.5	3.3	3.5	3.4	3.4	3.5	3.4	3.5	3.1	3.2
1973.....	3.0	3.0	3.0	3.1	2.8	3.0	2.9	3.0	3.0	2.7	2.8	3.1
1974.....	3.1	3.1	2.9	2.9	3.1	3.2	3.3	3.2	3.6	3.3	3.8	4.1
1975.....	4.4	4.4	4.6	4.8	5.3	4.9	4.9	4.6	4.8	4.8	4.7	4.8
1976.....	4.6	4.6	4.6	4.8	4.6	4.5	4.8	4.9	4.5	4.5	4.6	4.5
1977.....	4.5	4.7	4.7	4.5	4.3	4.3	4.1	4.1	4.2	4.1	4.2	4.0
1978.....	3.7	3.6	3.5	3.6	3.6	3.6	3.8	3.4	3.5	3.2	3.3	3.5
1979.....	3.4	3.4	3.4	3.3	3.2	3.4	3.3	3.6	3.3	3.4	3.2	3.3
1980.....	3.4	3.5	3.4	3.7	3.8	3.8	3.8	3.6	3.8	3.9	3.9	3.9
1981.....	3.9	3.8	3.9	4.0	4.0	3.9	4.0	3.9	4.1	4.1	4.2	4.5
UNEMPLOYMENT RATE - PROFESSIONAL AND TECHNICAL WORKERS												
1970.....	1.6	1.7	2.0	2.0	2.0	1.8	2.1	1.9	2.1	1.9	2.5	2.6
1971.....	2.8	3.2	3.1	3.1	3.1	2.8	2.8	3.1	2.8	2.8	3.0	2.6
1972.....	2.7	2.5	2.4	2.2	2.3	2.4	2.5	2.4	2.3	2.6	2.2	2.4
1973.....	2.1	2.0	2.3	2.1	2.1	2.3	1.9	2.3	2.2	2.2	2.0	2.3
1974.....	2.3	2.0	2.0	2.2	2.2	2.1	2.1	2.2	2.6	2.4	2.5	2.6
1975.....	2.8	3.1	3.0	3.2	3.6	3.4	3.5	3.0	3.3	3.2	3.4	3.1
1976.....	3.0	3.5	3.6	3.3	3.2	3.0	3.2	3.1	3.0	3.1	3.3	3.2
1977.....	3.2	3.3	3.2	3.3	3.1	3.1	2.9	2.9	2.9	2.8	2.8	2.7
1978.....	2.7	2.6	2.7	2.6	2.5	2.5	2.5	2.6	2.6	2.6	2.4	3.0
1979.....	2.5	2.5	2.2	2.3	2.0	2.5	2.5	2.6	2.5	2.6	2.4	2.3
1980.....	2.2	2.3	2.4	2.4	2.5	2.5	2.4	2.5	2.5	2.7	2.6	2.6
1981.....	2.8	2.6	2.7	3.1	2.8	2.8	2.8	2.5	2.8	2.6	2.7	3.4
UNEMPLOYMENT RATE - MANAGERS AND ADMINISTRATORS, EXCEPT FARM												
1970.....	1.0	1.0	1.2	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.6	1.6
1971.....	1.5	1.6	1.8	1.7	1.6	1.7	1.6	1.5	1.6	1.6	1.8	1.8
1972.....	1.8	1.7	2.0	1.8	1.6	1.7	1.8	2.0	1.8	2.0	1.9	1.7
1973.....	1.5	1.6	1.3	1.5	1.4	1.4	1.5	1.3	1.3	1.5	1.3	1.4
1974.....	1.6	1.7	1.6	1.6	1.7	1.8	1.4	2.0	2.1	2.0	2.3	2.6
1975.....	3.1	2.7	2.8	3.2	3.2	3.0	2.9	3.0	3.3	3.0	2.9	3.0
1976.....	2.9	3.0	2.8	2.8	3.1	3.2	3.4	3.5	3.1	3.0	3.0	3.1
1977.....	2.9	3.0	3.2	2.9	2.7	2.8	2.7	2.5	2.4	2.6	3.0	2.5
1978.....	2.5	2.0	2.1	2.0	2.0	2.0	2.3	1.9	2.1	1.7	2.2	2.0
1979.....	2.1	2.0	2.1	2.2	2.1	2.1	2.0	2.3	2.2	2.2	1.9	2.1
1980.....	2.0	2.3	2.4	2.6	2.6	2.4	2.5	2.5	2.5	2.5	2.5	2.5
1981.....	2.5	2.5	2.5	2.4	2.6	2.7	2.6	2.7	2.7	2.8	3.0	3.1

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - SALES WORKERS												
1970.....	2.9	3.5	3.4	3.9	3.9	3.7	3.8	3.8	4.0	4.2	4.8	4.8
1971.....	4.2	4.1	4.6	4.5	4.8	4.3	4.6	4.2	4.0	4.1	3.9	3.8
1972.....	4.4	4.1	4.1	3.8	4.1	4.3	4.3	4.6	4.7	4.4	4.3	3.9
1973.....	3.7	3.8	3.6	4.0	3.6	3.5	3.7	3.8	3.7	3.1	3.3	4.2
1974.....	3.7	4.2	3.9	3.4	4.2	4.6	4.1	3.7	4.3	4.6	4.9	5.6
1975.....	5.3	5.4	6.0	6.0	6.0	6.0	5.1	5.7	5.8	5.9	6.0	6.2
1976.....	6.0	5.3	5.1	5.2	4.9	5.3	5.3	5.7	5.5	5.4	5.6	5.2
1977.....	5.6	5.6	5.6	5.3	5.4	5.2	5.3	5.2	5.0	4.9	5.0	4.9
1978.....	3.9	4.3	4.5	4.3	4.4	4.4	4.3	4.1	4.3	4.1	3.2	3.8
1979.....	3.8	4.2	4.2	4.0	3.9	4.5	3.5	4.1	3.8	3.8	3.6	3.9
1980.....	4.3	4.4	4.2	4.7	4.4	4.6	4.1	4.2	4.2	4.4	4.6	4.6
1981.....	4.3	4.1	4.1	4.2	4.6	4.3	4.9	4.7	5.0	4.9	5.0	4.9
UNEMPLOYMENT RATE - CLERICAL WORKERS												
1970.....	3.2	3.4	3.6	3.9	3.9	4.1	4.3	3.8	4.1	4.5	4.9	5.1
1971.....	5.0	4.9	4.9	5.0	4.7	4.8	5.0	4.8	4.8	4.8	4.7	4.8
1972.....	4.6	4.8	4.9	4.9	5.1	4.8	4.6	4.9	4.7	4.8	4.1	4.4
1973.....	4.3	4.3	4.2	4.5	3.9	4.2	4.1	4.2	4.2	3.6	4.2	4.3
1974.....	4.3	4.4	4.1	4.1	4.4	4.5	5.0	4.5	5.0	4.4	5.3	5.5
1975.....	6.1	6.1	6.5	6.5	7.6	6.7	6.7	6.4	6.5	6.7	6.4	6.7
1976.....	6.5	6.2	6.3	7.0	6.4	6.2	6.6	6.9	6.2	6.2	6.2	6.1
1977.....	6.1	6.4	6.4	6.0	5.7	5.8	5.5	5.7	6.0	5.7	5.8	5.5
1978.....	5.1	5.1	4.5	5.1	5.2	5.1	5.5	4.8	4.8	4.2	4.7	4.7
1979.....	4.7	4.8	4.8	4.5	4.5	4.6	4.5	4.9	4.6	4.6	4.5	4.6
1980.....	4.8	4.8	4.6	5.1	5.3	5.4	5.4	5.6	5.5	5.5	5.6	5.7
1981.....	5.6	5.4	5.7	5.6	5.6	5.4	5.7	5.7	5.8	6.0	6.0	6.2
UNEMPLOYMENT RATE - BLUE-COLLAR WORKERS												
1970.....	4.6	5.0	5.3	5.6	6.0	6.4	6.6	6.9	7.0	7.3	7.4	7.8
1971.....	7.6	7.4	7.4	7.4	7.4	7.2	7.3	7.6	7.7	7.3	7.5	7.4
1972.....	6.8	6.8	6.6	6.5	6.6	6.5	6.8	6.7	6.3	6.3	5.9	5.7
1973.....	5.4	5.5	5.3	5.2	5.4	5.3	5.5	5.5	5.4	5.4	5.6	5.3
1974.....	5.8	6.0	5.9	6.1	5.8	6.3	6.4	6.7	7.2	7.5	8.3	9.5
1975.....	10.8	11.2	12.2	12.7	12.9	12.6	12.2	11.7	11.7	11.3	10.9	10.4
1976.....	9.7	9.5	9.3	9.2	9.1	9.5	9.5	9.5	9.6	9.4	9.4	9.4
1977.....	8.8	8.9	8.6	8.2	8.0	8.0	8.0	8.0	7.7	7.9	7.7	7.2
1978.....	7.5	7.4	7.4	6.8	6.6	6.6	6.6	6.6	6.9	6.8	6.6	6.9
1979.....	6.7	6.7	6.8	7.0	6.6	6.5	6.8	7.2	7.1	7.2	7.7	7.5
1980.....	8.2	8.0	8.3	9.7	10.8	11.0	11.4	11.2	10.8	10.8	10.6	10.4
1981.....	10.2	10.2	10.0	9.7	9.9	9.8	9.5	9.5	10.2	10.9	11.8	12.7
UNEMPLOYMENT RATE - CRAFT AND KINDRED WORKERS												
1970.....	2.4	2.8	3.1	3.5	3.8	4.1	4.3	4.2	4.6	4.2	4.6	5.0
1971.....	5.1	4.6	5.0	4.6	4.0	4.0	5.1	5.2	5.1	4.9	4.6	4.7
1972.....	4.5	4.5	4.2	4.3	4.4	4.4	4.2	4.3	4.0	4.2	4.1	4.0
1973.....	3.8	3.9	3.8	3.7	3.8	3.5	3.9	3.9	3.7	3.7	3.9	3.3
1974.....	3.9	3.9	3.7	3.9	3.8	4.1	4.1	4.4	4.9	5.2	5.2	6.4
1975.....	7.3	7.7	8.5	8.8	9.3	9.1	9.1	8.5	8.7	8.5	7.9	7.1
1976.....	6.9	6.7	6.7	7.2	6.4	7.2	7.2	6.9	7.0	6.6	6.9	6.8
1977.....	6.3	6.4	6.0	5.2	5.7	5.7	5.6	5.4	5.2	5.2	5.2	5.2
1978.....	5.4	5.0	5.0	4.6	4.3	4.3	4.2	4.3	4.8	4.8	4.2	4.9
1979.....	4.6	4.7	4.6	4.4	3.9	4.2	4.5	4.6	4.2	4.7	5.2	4.7
1980.....	5.2	5.0	5.5	6.6	7.2	7.4	7.5	7.8	7.5	7.0	7.2	7.0
1981.....	6.9	7.1	7.1	6.8	7.2	7.1	6.9	7.0	7.7	8.3	8.5	9.3
UNEMPLOYMENT RATE - OPERATIVES, EXCEPT TRANSPORT												
1972.....	7.6	7.8	7.4	7.5	8.0	8.0	8.9	7.7	7.5	7.2	6.8	6.6
1973.....	6.2	6.1	5.8	5.9	6.1	6.1	6.3	6.3	6.4	6.4	6.4	6.3
1974.....	7.1	7.1	7.4	7.2	7.0	7.3	7.5	8.3	8.7	9.1	10.9	12.1
1975.....	14.1	14.7	15.7	16.4	16.2	16.0	15.1	14.3	13.9	13.0	12.9	12.7
1976.....	11.0	10.9	10.8	10.4	10.7	10.9	10.8	10.7	10.8	11.0	10.8	10.8
1977.....	10.0	10.1	9.9	9.9	9.0	9.5	9.7	9.3	9.5	9.6	9.3	8.4
1978.....	8.7	8.6	8.5	8.1	8.3	8.1	8.2	8.4	8.0	7.5	7.7	8.0
1979.....	8.0	8.1	8.1	8.7	8.1	7.7	8.2	8.7	9.0	9.1	9.2	9.2
1980.....	10.1	9.5	9.7	11.7	13.6	13.5	14.4	13.3	13.0	13.1	12.8	12.6
1981.....	12.2	12.1	11.7	11.6	11.8	11.1	11.1	11.1	11.6	12.8	14.1	15.5
UNEMPLOYMENT RATE - TRANSPORT EQUIPMENT OPERATIVES												
1972.....	5.5	5.1	4.6	4.9	4.3	4.1	4.3	5.4	4.9	5.8	3.8	3.8
1973.....	4.0	4.8	4.2	3.1	4.4	4.4	4.2	4.0	3.3	3.8	4.0	4.7
1974.....	4.4	4.5	4.8	5.0	4.7	5.3	4.9	4.6	5.2	5.7	6.3	6.2
1975.....	7.4	7.9	7.7	8.7	8.6	8.6	8.4	8.7	9.4	9.2	9.0	8.8
1976.....	8.7	7.7	7.9	6.7	6.4	7.8	7.7	7.4	7.7	8.0	8.4	7.9
1977.....	7.4	7.9	7.3	6.5	6.6	6.2	6.9	6.7	5.5	6.2	5.8	5.8
1978.....	5.6	5.3	5.4	5.3	5.6	4.9	5.7	5.1	4.9	4.9	4.7	5.7
1979.....	5.1	5.3	5.3	5.7	5.3	5.4	5.1	5.9	5.9	5.8	5.5	5.6
1980.....	7.0	7.1	6.8	8.5	8.7	9.7	10.4	9.7	9.9	10.5	10.1	9.2
1981.....	9.1	8.6	9.1	8.1	8.2	8.1	7.3	8.0	8.7	8.0	10.4	10.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - NONFARM LABORERS												
1970.....	8.1	7.7	7.9	8.7	9.0	10.1	9.9	10.2	10.8	11.3	10.4	11.2
1971.....	10.4	10.8	10.6	10.2	11.0	11.2	9.4	10.6	11.2	11.0	11.8	12.1
1972.....	11.5	11.3	12.0	10.5	10.4	9.7	9.6	10.9	9.7	9.6	9.2	8.9
1973.....	8.5	8.7	8.5	8.4	8.4	8.7	8.4	8.3	8.4	8.3	9.0	8.5
1974.....	8.5	9.2	8.9	9.9	8.5	9.9	10.8	10.4	10.6	10.9	11.4	13.1
1975.....	14.3	14.2	16.0	16.4	16.8	16.5	16.2	15.7	15.6	16.0	15.2	14.6
1976.....	14.5	14.1	13.2	13.3	13.5	13.6	13.5	14.2	14.6	13.5	12.7	13.6
1977.....	13.3	13.1	13.2	12.9	12.4	11.9	10.8	12.2	11.2	11.7	11.4	10.4
1978.....	11.5	11.9	11.9	10.4	8.8	10.3	10.6	9.3	10.8	11.1	11.3	10.6
1979.....	9.9	10.0	10.5	10.8	11.1	10.4	10.8	11.0	11.1	10.6	12.1	12.4
1980.....	12.6	12.5	13.4	14.2	15.2	15.6	15.9	16.2	15.3	15.3	14.7	14.5
1981.....	14.8	14.9	14.2	14.0	13.5	14.7	14.4	13.2	14.6	15.6	16.0	16.9
UNEMPLOYMENT RATE - SERVICE WORKERS												
1970.....	4.5	4.9	5.0	4.9	5.0	5.2	5.2	5.5	5.5	5.8	5.9	6.2
1971.....	6.5	6.1	6.0	6.2	6.4	6.5	6.4	6.6	6.2	6.2	6.5	6.3
1972.....	6.3	6.0	6.5	6.2	6.2	6.1	6.6	6.5	6.9	6.5	6.3	6.1
1973.....	5.6	6.1	6.0	6.1	5.8	5.3	5.6	5.6	5.8	5.1	5.9	6.1
1974.....	5.6	6.0	6.0	5.9	6.6	6.1	6.4	6.3	6.5	6.6	7.0	7.1
1975.....	7.9	7.7	8.4	8.4	8.6	8.6	8.6	9.3	8.9	8.9	8.6	9.1
1976.....	9.0	9.0	8.8	8.5	8.0	8.7	8.6	8.5	8.8	9.1	9.2	8.8
1977.....	8.6	8.7	8.2	8.3	8.7	8.3	7.7	8.4	7.9	8.0	7.8	7.8
1978.....	7.6	7.5	7.9	7.6	7.5	7.3	7.4	7.1	7.5	7.0	7.5	7.9
1979.....	7.9	7.5	7.5	7.3	7.0	7.2	7.1	7.0	6.9	6.9	6.7	7.0
1980.....	7.1	7.1	7.3	7.9	8.2	8.0	8.3	8.5	8.2	8.4	8.3	7.9
1981.....	8.2	8.7	8.3	8.5	9.4	8.9	8.0	8.9	9.0	9.3	9.7	9.6
UNEMPLOYMENT RATE - PRIVATE HOUSEHOLD WORKERS												
1970.....	2.7	3.9	4.2	3.5	4.0	4.5	4.1	5.7	5.1	4.5	4.2	4.5
1971.....	4.7	3.9	3.9	4.8	4.6	4.7	5.0	4.2	4.0	4.4	4.8	4.3
1972.....	4.9	4.1	5.2	2.3	4.0	3.0	3.4	6.2	4.3	3.8	2.8	4.2
1973.....	3.5	4.0	4.5	5.0	4.7	5.4	3.1	4.4	4.3	4.4	4.5	4.6
1974.....	4.7	4.3	4.3	4.1	3.9	4.2	4.6	4.0	4.3	4.3	4.9	4.2
1975.....	4.6	4.7	4.9	4.8	5.6	3.2	5.1	6.0	7.0	5.9	5.8	7.0
1976.....	5.8	6.9	6.0	5.9	5.4	5.5	5.4	5.7	3.6	6.0	6.1	5.2
1977.....	5.2	5.2	5.3	5.1	5.9	5.6	4.9	4.2	4.7	4.2	4.7	4.2
1978.....	5.1	5.1	5.3	4.3	4.8	4.8	5.6	5.6	3.9	5.1	5.8	6.0
1979.....	5.5	4.8	4.8	5.1	4.8	4.0	4.8	4.3	4.7	4.5	4.1	5.7
1980.....	4.4	4.4	4.9	4.9	4.6	5.5	3.5	4.5	4.5	5.1	4.8	4.6
1981.....	4.3	4.6	4.5	6.4	4.9	4.7	4.6	5.3	4.6	6.4	4.3	3.8
UNEMPLOYMENT RATE - OTHER SERVICE WORKERS												
1970.....	4.9	5.1	5.2	5.1	5.2	5.3	5.4	5.4	5.5	6.0	6.2	6.5
1971.....	6.8	6.4	6.4	6.4	6.7	6.8	6.6	7.0	6.5	6.5	6.7	6.6
1972.....	6.5	6.3	6.7	6.8	6.5	6.5	7.0	6.5	7.3	6.8	6.7	6.3
1973.....	5.9	6.4	6.2	6.3	5.9	5.3	6.0	5.7	6.0	5.2	6.1	6.3
1974.....	5.7	6.3	6.2	6.1	7.0	6.3	6.6	6.5	6.8	6.8	7.2	7.4
1975.....	8.3	8.1	8.7	8.8	8.9	9.2	8.9	9.7	9.1	9.2	8.9	9.3
1976.....	9.4	9.2	9.0	8.7	8.3	9.0	8.9	8.8	9.3	9.5	9.6	9.2
1977.....	9.0	9.1	8.4	8.6	9.0	8.6	8.0	8.8	8.3	8.4	8.2	8.2
1978.....	7.9	7.7	8.1	8.0	7.7	7.5	7.5	7.3	7.9	7.2	7.7	8.1
1979.....	8.1	7.7	7.7	7.5	7.2	7.5	7.3	7.3	7.1	7.1	7.0	7.1
1980.....	7.3	7.3	7.5	8.1	8.5	8.2	8.7	8.8	8.5	8.6	8.6	8.2
1981.....	8.5	9.0	8.6	8.7	9.8	9.3	8.3	9.2	9.3	9.5	10.2	10.1
UNEMPLOYMENT RATE - FARM WORKERS												
1970.....	2.0	2.1	2.4	2.2	3.4	2.0	2.4	2.6	3.6	2.9	2.4	3.3
1971.....	3.2	3.1	2.5	1.9	2.0	2.3	2.8	2.8	2.7	2.1	3.0	2.9
1972.....	2.8	2.6	2.2	2.4	2.7	2.7	2.4	2.6	2.8	3.3	3.0	2.5
1973.....	2.7	2.6	2.3	2.8	3.4	2.6	2.0	2.7	2.6	2.6	2.4	2.5
1974.....	2.1	2.2	2.6	2.4	2.5	2.8	3.2	2.8	2.7	2.8	2.8	2.5
1975.....	3.9	3.1	3.6	3.6	3.3	3.3	3.1	4.1	3.8	4.0	3.9	4.3
1976.....	4.4	3.7	4.3	4.6	4.7	4.5	4.6	4.0	4.0	4.3	5.2	6.2
1977.....	5.0	5.7	5.1	5.0	4.5	5.3	4.1	4.2	4.6	4.4	4.3	4.2
1978.....	4.3	4.1	4.8	3.4	3.6	3.6	3.8	3.6	3.9	4.5	3.5	3.5
1979.....	3.0	3.6	3.4	3.6	3.6	3.5	4.4	3.7	4.1	4.3	4.7	4.5
1980.....	4.5	4.1	4.2	5.1	4.6	4.7	4.9	5.3	4.5	4.5	4.2	4.2
1981.....	5.0	4.9	5.2	3.9	5.2	6.2	4.8	5.4	4.0	6.2	6.2	6.4
UNEMPLOYMENT RATE - FARM LABORERS AND SUPERVISORS												
1970.....	4.4	4.5	5.1	4.6	7.3	4.4	5.0	5.5	7.4	6.2	5.6	6.3
1971.....	6.1	6.4	5.3	4.1	4.1	4.6	5.9	5.7	5.6	4.4	6.3	5.6
1972.....	6.1	5.8	4.5	4.9	5.5	5.7	5.0	4.7	5.9	6.9	6.0	5.1
1973.....	5.5	5.4	4.7	5.9	7.1	5.5	4.1	5.6	5.5	5.4	5.1	5.2
1974.....	4.3	4.4	5.1	4.8	4.6	5.3	6.4	5.8	5.5	5.6	5.3	5.1
1975.....	7.7	6.5	7.3	7.8	6.6	7.0	6.2	8.2	7.6	7.9	8.1	8.7
1976.....	8.9	7.2	8.5	8.7	9.7	9.0	9.2	8.1	7.9	8.6	10.3	11.6
1977.....	9.9	11.2	10.2	9.6	8.7	10.2	7.9	8.2	8.9	8.5	8.3	8.2
1978.....	8.3	8.0	9.0	6.8	7.3	7.2	7.6	7.1	7.5	8.9	6.7	7.0
1979.....	6.1	7.3	6.8	7.3	7.1	7.1	8.8	7.4	8.3	8.5	9.4	8.9
1980.....	8.9	8.0	8.2	10.3	9.4	9.1	9.7	11.2	9.2	9.1	8.5	8.5
1981.....	9.7	10.0	10.7	7.8	10.7	12.4	9.5	10.9	8.4	12.3	12.3	12.8

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - TOTAL WAGE AND SALARY WORKERS												
1970.....	3.6	4.0	4.2	4.4	4.6	4.7	4.9	5.0	5.2	5.4	5.7	5.9
1971.....	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.7	5.6	5.6	5.8	5.7
1972.....	5.5	5.4	5.5	5.3	5.4	5.2	5.3	5.4	5.2	5.3	4.9	4.8
1973.....	4.6	4.7	4.5	4.6	4.5	4.5	4.5	4.5	4.5	4.3	4.5	4.6
1974.....	4.7	4.9	4.7	4.8	4.9	5.0	5.2	5.2	5.6	5.7	6.3	6.9
1975.....	7.7	7.8	8.3	8.6	9.0	8.7	8.4	8.2	8.3	8.2	8.0	7.9
1976.....	7.6	7.4	7.2	7.3	7.2	7.3	7.4	7.4	7.3	7.3	7.4	7.3
1977.....	7.1	7.2	7.0	6.7	6.7	6.6	6.4	6.4	6.3	6.3	6.3	6.0
1978.....	6.0	5.8	5.9	5.6	5.6	5.5	5.7	5.4	5.6	5.4	5.4	5.7
1979.....	5.5	5.5	5.5	5.4	5.3	5.3	5.4	5.6	5.5	5.6	5.6	5.6
1980.....	5.9	5.9	6.1	6.7	7.3	7.3	7.4	7.4	7.3	7.3	7.2	7.1
1981.....	7.1	7.1	7.0	6.9	7.2	7.0	6.8	6.9	7.3	7.6	8.0	8.5
UNEMPLOYMENT RATE - WAGE AND SALARY WORKERS IN AGRICULTURAL INDUSTRIES												
1970.....	6.4	6.5	7.1	6.5	9.1	5.7	7.9	7.6	8.6	8.5	8.2	9.6
1971.....	8.7	9.3	7.4	6.8	7.2	6.3	8.4	8.9	8.3	7.3	8.2	7.8
1972.....	8.6	8.1	6.9	6.3	8.0	7.6	6.7	6.7	8.9	9.9	8.2	7.1
1973.....	6.8	7.3	6.6	7.4	8.9	7.0	5.7	7.5	6.4	6.8	7.4	6.7
1974.....	6.7	6.9	7.0	7.3	7.0	7.4	8.3	7.4	7.3	8.3	7.6	7.7
1975.....	10.7	9.1	10.6	11.3	9.4	10.4	9.0	11.3	11.1	10.8	10.3	11.7
1976.....	11.4	10.6	10.9	11.5	12.9	11.5	11.7	11.0	11.3	11.2	13.5	13.6
1977.....	13.0	12.8	12.7	12.5	11.6	11.8	9.4	10.1	10.5	10.0	9.6	10.0
1978.....	9.5	9.7	10.1	8.2	8.0	9.0	9.2	8.5	8.6	9.4	8.2	8.4
1979.....	7.7	8.9	8.2	8.9	9.2	8.5	9.8	9.4	10.2	9.4	10.6	9.9
1980.....	10.4	9.4	10.3	12.0	11.5	10.6	11.2	12.9	11.1	11.2	10.3	10.9
1981.....	11.5	11.9	12.1	9.4	11.0	13.3	10.7	12.0	11.0	13.4	14.1	14.8
UNEMPLOYMENT RATE - WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	3.6	3.9	4.1	4.3	4.6	4.7	4.9	5.0	5.1	5.3	5.6	5.8
1971.....	5.7	5.6	5.7	5.7	5.7	5.6	5.6	5.7	5.6	5.5	5.7	5.6
1972.....	5.5	5.4	5.4	5.3	5.3	5.2	5.3	5.3	5.1	5.3	4.9	4.8
1973.....	4.5	4.6	4.5	4.6	4.4	4.4	4.4	4.5	4.5	4.3	4.5	4.6
1974.....	4.7	4.9	4.7	4.8	4.8	5.0	5.1	5.2	5.5	5.6	6.3	6.9
1975.....	7.7	7.7	8.2	8.6	9.0	8.6	8.4	8.2	8.2	8.1	7.9	7.8
1976.....	7.5	7.4	7.2	7.2	7.1	7.2	7.4	7.3	7.2	7.2	7.3	7.2
1977.....	6.9	7.1	6.9	6.6	6.6	6.5	6.3	6.4	6.3	6.3	6.3	5.9
1978.....	5.9	5.8	5.8	5.6	5.6	5.4	5.6	5.3	5.6	5.3	5.4	5.6
1979.....	5.5	5.4	5.5	5.3	5.2	5.2	5.3	5.6	5.4	5.6	5.5	5.6
1980.....	5.9	5.9	6.0	6.6	7.2	7.2	7.4	7.3	7.2	7.2	7.1	7.0
1981.....	7.0	7.0	7.0	6.8	7.2	6.9	6.8	6.8	7.2	7.5	7.9	8.4
UNEMPLOYMENT RATE - GOVERNMENT WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	2.0	2.0	2.1	2.2	2.2	2.2	2.1	2.2	2.0	2.2	2.6	2.8
1971.....	2.8	2.8	2.9	2.9	3.0	2.9	3.0	3.1	2.9	3.0	3.1	3.1
1972.....	3.0	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.1	3.0	2.8	3.1
1973.....	2.5	2.7	2.7	3.3	2.7	2.8	2.8	2.7	2.9	2.7	2.6	2.6
1974.....	2.7	2.9	2.8	2.9	3.3	3.0	3.0	2.9	3.1	3.1	3.5	3.3
1975.....	3.5	3.6	3.9	3.8	4.6	4.0	4.2	4.0	4.3	4.3	3.9	4.3
1976.....	4.2	4.5	4.5	5.0	4.6	4.3	4.5	4.4	4.1	4.4	4.3	4.3
1977.....	4.3	4.7	4.1	4.2	4.1	4.2	4.0	4.3	4.3	4.1	4.4	4.2
1978.....	4.1	3.7	3.7	3.8	4.1	4.1	4.2	3.6	4.1	3.9	3.9	4.1
1979.....	3.9	3.9	4.0	3.6	3.5	3.7	3.6	3.8	3.4	4.1	3.7	3.8
1980.....	3.8	4.1	4.0	4.2	4.1	3.6	4.1	4.2	4.3	4.5	4.2	4.2
1981.....	4.4	4.3	4.6	4.7	4.7	4.6	4.6	4.5	4.7	4.7	5.2	5.0
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1970.....	3.9	4.3	4.6	4.8	5.1	5.3	5.5	5.5	5.7	6.0	6.3	6.5
1971.....	6.3	6.2	6.3	6.3	6.3	6.2	6.2	6.3	6.2	6.1	6.3	6.2
1972.....	6.0	5.9	6.0	5.8	5.9	5.7	5.8	5.9	5.6	5.7	5.3	5.1
1973.....	5.0	5.0	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.6	4.9	5.0
1974.....	5.1	5.3	5.1	5.2	5.2	5.5	5.6	5.7	6.1	6.2	6.9	7.6
1975.....	8.6	8.7	9.2	9.7	10.0	9.7	9.4	9.1	9.1	9.0	8.9	8.7
1976.....	8.3	8.0	7.8	7.7	7.6	7.9	8.0	8.0	7.9	7.9	8.0	7.9
1977.....	7.6	7.7	7.5	7.1	7.2	7.0	6.8	6.9	6.7	6.8	6.7	6.3
1978.....	6.3	6.2	6.3	6.0	5.9	5.7	5.9	5.7	5.9	5.6	5.7	6.0
1979.....	5.8	5.8	5.8	5.7	5.6	5.6	5.7	5.9	5.9	5.9	5.9	5.9
1980.....	6.3	6.2	6.4	7.1	7.9	8.0	8.0	7.9	7.8	7.8	7.8	7.6
1981.....	7.6	7.6	7.5	7.3	7.7	7.4	7.2	7.3	7.7	8.1	8.4	9.1
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN CONSTRUCTION												
1970.....	7.4	7.9	8.1	8.7	10.8	10.5	10.7	11.3	12.0	11.2	10.6	11.6
1971.....	11.5	11.1	11.1	10.1	9.9	10.5	9.5	9.6	9.4	9.8	10.3	10.9
1972.....	10.3	10.8	10.3	10.5	10.9	9.7	10.4	11.3	8.9	10.1	10.1	9.7
1973.....	9.4	9.3	8.9	9.1	8.8	8.0	9.1	8.4	9.0	8.9	9.0	8.4
1974.....	9.5	8.5	8.6	9.9	9.5	9.9	10.2	10.9	11.6	12.1	13.6	15.3
1975.....	15.7	16.3	17.8	19.2	21.5	19.8	19.5	19.1	18.5	17.8	17.4	16.8
1976.....	15.5	15.4	15.7	15.6	14.7	16.3	16.8	16.6	15.7	14.7	15.4	14.3
1977.....	14.8	14.7	13.9	12.5	13.4	12.6	12.0	11.5	10.5	11.8	11.4	10.8
1978.....	11.6	11.1	11.0	9.8	9.7	9.6	9.8	9.2	10.9	11.2	10.8	12.3
1979.....	10.9	11.4	10.2	10.4	9.6	9.6	9.7	9.2	9.2	10.0	10.5	11.2
1980.....	11.7	11.3	13.1	14.6	16.1	15.2	15.8	16.7	15.8	14.2	14.5	13.8
1981.....	13.7	13.7	14.7	14.5	15.7	16.1	15.2	16.2	16.3	17.6	17.8	18.1

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN MANUFACTURING												
1970.....	3.9	4.6	4.7	4.8	5.1	5.5	5.9	5.9	6.1	6.7	7.1	7.4
1971.....	6.9	6.9	6.8	7.0	6.8	6.7	6.7	7.1	7.1	6.5	6.7	6.7
1972.....	6.1	6.0	6.0	5.8	5.9	5.7	5.9	5.6	5.3	5.4	4.8	4.6
1973.....	4.8	4.4	4.4	4.3	4.5	4.4	4.0	4.2	4.4	4.1	4.4	4.4
1974.....	4.8	5.1	5.0	4.9	4.8	5.2	5.4	5.7	6.0	6.5	7.5	8.7
1975.....	10.4	10.7	11.3	12.0	12.3	12.1	11.4	10.7	10.5	10.1	9.9	9.2
1976.....	8.5	8.2	7.7	7.8	7.7	7.8	7.7	7.8	7.7	7.8	7.7	8.1
1977.....	7.3	7.5	7.0	6.9	6.5	6.5	6.5	6.6	6.7	6.6	6.4	5.8
1978.....	5.9	6.0	5.7	5.4	5.6	5.6	5.4	5.4	5.3	5.1	5.2	5.3
1979.....	5.2	5.1	5.4	5.5	5.3	5.3	5.5	5.9	6.1	6.0	6.0	6.1
1980.....	6.8	6.8	6.7	8.1	9.6	9.4	9.7	9.2	9.2	9.2	8.9	8.8
1981.....	8.5	8.5	8.1	7.6	7.8	7.4	7.3	7.0	7.9	8.6	9.4	11.0
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN DURABLE GOODS												
1970.....	3.8	4.7	4.7	4.9	4.8	5.3	5.9	6.0	6.3	7.2	7.8	7.8
1971.....	7.0	7.2	7.0	7.4	7.1	7.1	6.8	7.3	7.2	6.8	6.8	6.8
1972.....	6.3	6.1	5.9	5.7	6.0	5.7	6.0	5.4	4.9	4.8	4.5	4.1
1973.....	4.4	4.1	4.2	3.7	4.0	3.7	3.5	3.8	4.2	3.9	3.9	4.0
1974.....	4.6	4.9	4.8	4.8	4.4	4.8	4.9	5.1	5.3	6.2	7.1	8.5
1975.....	10.4	10.7	11.2	12.4	12.6	12.8	12.1	11.5	11.2	10.5	10.2	9.5
1976.....	8.6	8.1	7.9	7.8	7.7	7.7	7.3	7.2	7.1	7.6	7.2	7.9
1977.....	6.8	7.3	6.7	6.3	6.1	5.8	5.9	5.9	6.1	5.9	5.8	5.7
1978.....	5.5	5.4	5.2	4.7	5.2	4.9	4.7	5.1	4.7	4.6	4.7	4.6
1979.....	4.6	4.5	4.6	4.8	4.5	4.6	5.0	5.2	5.2	5.6	5.8	5.9
1980.....	6.8	6.7	6.6	8.5	10.4	10.5	10.3	10.0	9.9	9.5	9.1	9.1
1981.....	8.4	8.7	8.0	7.5	7.4	7.1	7.1	6.5	7.7	8.6	9.5	11.8
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN NONDURABLE GOODS												
1970.....	3.9	4.5	4.6	4.6	5.6	5.7	5.9	5.8	5.8	6.0	6.2	6.8
1971.....	6.8	6.4	6.5	6.4	6.4	6.3	6.6	6.7	6.9	6.2	6.5	6.6
1972.....	5.9	6.0	6.0	5.9	5.7	5.7	5.8	5.9	5.7	6.2	5.2	5.1
1973.....	5.3	4.8	4.8	5.1	5.2	5.4	4.7	4.9	4.6	4.2	5.3	5.0
1974.....	5.2	5.4	5.3	5.1	5.3	5.9	6.2	6.6	7.1	6.8	7.9	9.0
1975.....	10.3	10.8	11.4	11.4	11.8	11.1	10.5	9.6	9.6	9.6	9.4	8.9
1976.....	8.4	8.2	7.3	7.8	7.7	8.0	8.3	8.7	8.4	8.0	8.6	8.4
1977.....	8.0	7.7	7.6	7.8	7.2	7.4	7.4	7.6	7.7	7.5	7.2	5.9
1978.....	6.5	6.9	6.5	6.5	6.3	6.7	6.4	5.8	6.1	5.8	6.0	6.2
1979.....	6.1	6.1	6.6	6.5	6.7	6.3	6.2	6.9	7.4	6.6	6.3	6.5
1980.....	6.9	7.0	6.9	7.6	8.4	7.9	8.7	8.1	8.1	8.8	8.5	8.4
1981.....	8.5	8.3	8.3	7.8	8.6	7.9	7.6	7.9	8.3	8.6	9.3	9.6
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN TRANSPORTATION AND PUBLIC UTILITIES												
1970.....	2.6	2.6	3.0	3.5	3.1	3.4	3.5	3.3	3.1	3.3	3.6	4.1
1971.....	4.2	4.1	3.2	3.8	4.4	3.5	3.2	3.3	3.8	4.2	4.4	4.2
1972.....	3.9	3.8	3.7	3.7	3.6	3.2	3.8	3.8	3.8	3.4	2.9	2.8
1973.....	2.9	3.1	3.1	2.7	2.9	3.5	2.7	2.9	2.8	3.0	3.3	3.2
1974.....	3.0	3.0	2.9	3.1	2.9	3.2	3.4	3.5	3.3	3.4	3.6	4.1
1975.....	5.9	5.2	5.7	6.5	6.2	5.8	5.5	5.6	5.6	5.4	4.7	5.0
1976.....	5.0	4.9	4.7	4.3	5.2	5.3	5.1	4.7	5.1	5.3	5.4	4.9
1977.....	4.7	4.9	5.2	4.7	4.4	4.4	4.5	4.7	4.7	4.7	4.5	4.7
1978.....	4.2	3.5	3.8	4.0	3.9	4.0	3.9	3.7	3.5	3.6	3.3	3.4
1979.....	3.4	3.3	4.0	3.1	3.5	3.2	3.7	3.7	4.1	4.0	4.4	4.2
1980.....	4.3	4.4	3.8	4.6	4.9	5.3	5.7	5.7	5.5	5.6	5.0	4.8
1981.....	5.5	5.4	6.1	5.5	5.7	4.9	4.1	4.8	4.2	4.8	5.5	6.0
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN WHOLESALE AND RETAIL TRADE												
1970.....	4.5	4.7	4.7	5.4	5.1	5.3	5.3	5.5	5.7	5.9	6.1	6.4
1971.....	6.2	6.3	6.7	6.6	6.8	6.6	6.4	6.2	6.2	6.3	6.6	6.2
1972.....	6.3	6.3	6.7	6.3	6.3	6.7	6.5	6.6	6.7	6.5	6.3	5.9
1973.....	5.5	6.0	5.4	5.7	5.6	5.4	6.0	6.0	5.7	5.2	5.6	5.9
1974.....	5.9	6.1	5.9	5.9	6.3	6.4	6.5	6.1	6.7	6.9	7.1	7.9
1975.....	8.2	8.0	8.6	9.0	8.9	8.7	8.6	8.7	8.9	8.8	9.1	9.2
1976.....	8.7	8.5	8.7	8.4	8.2	8.5	8.8	8.7	8.8	8.6	8.9	8.2
1977.....	8.5	8.7	8.5	7.8	8.4	8.0	8.0	8.1	7.6	7.8	7.4	7.2
1978.....	7.2	7.2	7.6	7.1	6.9	6.3	7.0	6.6	6.8	6.7	6.4	6.8
1979.....	6.6	6.7	6.6	6.7	6.3	6.6	6.4	6.6	6.4	6.4	6.4	6.3
1980.....	6.7	6.6	6.7	7.1	7.5	7.9	7.6	7.7	7.6	7.7	8.0	8.0
1981.....	7.7	7.7	7.6	7.5	8.3	7.7	7.9	7.9	8.5	8.4	8.6	8.9
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN FINANCE AND SERVICE INDUSTRIES												
1970.....	3.2	3.3	3.9	3.7	4.1	4.2	4.4	4.4	4.7	4.6	5.0	5.0
1971.....	5.0	4.9	5.0	5.0	5.0	5.0	5.2	5.3	5.0	5.1	5.2	5.0
1972.....	5.2	4.9	5.0	4.8	4.9	4.6	4.7	4.8	4.8	5.1	4.5	4.7
1973.....	4.3	4.4	4.5	4.4	4.1	4.2	4.2	4.3	4.1	4.2	4.3	4.6
1974.....	4.3	4.6	4.3	4.3	4.3	4.5	4.5	4.6	5.0	4.7	5.4	5.4
1975.....	6.1	6.2	6.6	6.6	6.9	6.6	6.6	6.3	6.6	6.9	6.8	6.8
1976.....	6.9	6.7	6.2	6.3	6.2	6.4	6.5	6.6	6.4	6.5	6.7	6.7
1977.....	6.2	6.3	6.5	6.2	6.3	6.1	5.7	5.6	5.7	5.7	6.0	5.4
1978.....	5.4	5.3	5.3	5.2	5.1	4.8	5.3	5.1	5.2	4.5	5.1	5.2
1979.....	5.1	4.9	4.9	4.8	4.8	4.7	4.8	5.2	4.8	4.8	4.8	4.8
1980.....	4.7	4.7	5.0	5.1	5.5	5.6	5.7	5.6	5.5	5.6	5.6	5.5
1981.....	5.8	5.9	5.6	5.8	5.8	5.8	5.7	5.7	6.0	6.2	6.1	6.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
NUMBERS IN THOUSANDS												
CIVILIAN LABOR FORCE - TOTAL HISPANIC ORIGIN												
1973.....	---	---	3,740	3,689	3,663	3,621	3,604	3,624	3,612	3,598	3,659	3,672
1974.....	3,678	3,733	4,000	3,932	4,052	4,091	4,086	4,075	4,076	4,084	4,119	4,248
1975.....	4,180	4,139	4,108	4,155	4,227	4,045	4,122	4,168	4,231	4,266	4,223	4,209
1976.....	4,210	4,178	4,031	4,177	4,112	4,215	4,261	4,314	4,392	4,436	4,451	4,591
1977.....	4,416	4,437	4,300	4,351	4,451	4,575	4,630	4,676	4,683	4,660	4,682	4,687
1978.....	4,785	4,825	4,912	4,909	5,003	5,022	5,039	5,047	5,010	5,089	5,017	5,082
1979.....	5,097	5,175	5,173	5,237	5,199	5,204	5,213	5,240	5,209	5,262	5,224	5,427
1980.....	5,524	5,503	5,573	5,562	5,658	5,688	5,783	5,802	5,781	5,795	5,890	5,864
1981.....	5,979	6,019	5,797	5,882	5,960	5,912	5,905	5,924	5,964	6,074	6,151	6,095
CIVILIAN LABOR FORCE PARTICIPATION RATE - TOTAL HISPANIC ORIGIN												
1973.....	---	---	59.0	60.0	59.3	59.7	59.8	58.4	59.5	60.0	60.7	61.2
1974.....	61.3	61.0	59.8	61.2	61.7	61.9	63.0	60.6	60.4	59.9	60.6	62.1
1975.....	62.4	61.3	60.2	61.0	62.0	59.8	60.5	60.7	60.6	60.5	59.6	61.1
1976.....	61.7	61.7	59.5	61.0	60.3	60.2	60.9	59.6	60.5	60.1	60.7	62.6
1977.....	61.9	62.4	60.9	61.4	61.5	61.2	61.0	60.3	61.1	60.8	62.1	63.0
1978.....	63.0	62.3	62.6	61.9	62.7	62.1	61.9	61.9	62.2	64.2	64.7	65.5
1979.....	65.7	65.5	63.8	63.5	62.6	62.4	62.6	62.1	62.7	63.2	63.9	65.5
1980.....	66.2	64.9	64.4	64.1	64.0	63.4	63.7	63.2	63.0	63.6	64.2	64.4
1981.....	65.3	65.8	64.1	64.4	64.6	64.0	63.6	63.0	63.0	63.5	64.4	64.0
EMPLOYED - TOTAL HISPANIC ORIGIN												
1973.....	---	---	3,467	3,398	3,367	3,335	3,346	3,355	3,334	3,309	3,361	3,393
1974.....	3,398	3,442	3,697	3,658	3,758	3,740	3,725	3,743	3,746	3,748	3,763	3,860
1975.....	3,734	3,674	3,612	3,641	3,622	3,572	3,644	3,665	3,693	3,712	3,701	3,699
1976.....	3,730	3,729	3,586	3,688	3,682	3,749	3,761	3,779	3,875	3,921	3,931	4,055
1977.....	3,922	3,932	3,820	3,933	4,010	4,113	4,190	4,237	4,230	4,222	4,245	4,273
1978.....	4,339	4,347	4,445	4,495	4,525	4,566	4,559	4,590	4,564	4,659	4,596	4,643
1979.....	4,677	4,774	4,764	4,821	4,783	4,768	4,789	4,782	4,808	4,807	4,739	4,939
1980.....	5,037	5,000	5,047	5,012	5,075	5,112	5,158	5,184	5,125	5,178	5,289	5,304
1981.....	5,332	5,312	5,187	5,345	5,356	5,307	5,314	5,340	5,393	5,422	5,446	5,426
UNEMPLOYED - TOTAL HISPANIC ORIGIN												
1973.....	---	---	273	291	296	286	258	269	278	289	298	279
1974.....	280	291	303	274	294	351	361	332	330	336	356	388
1975.....	446	465	496	514	605	473	478	503	538	554	522	510
1976.....	480	449	445	489	430	466	500	535	517	515	520	536
1977.....	494	505	480	418	441	462	440	439	453	438	437	414
1978.....	446	478	467	414	478	456	480	457	446	430	421	439
1979.....	420	401	409	416	416	436	424	458	401	455	485	488
1980.....	487	503	526	550	583	576	625	618	656	617	601	560
1981.....	647	707	610	537	604	605	591	584	571	652	705	669
UNEMPLOYMENT RATE - TOTAL HISPANIC ORIGIN												
1973.....	---	---	7.3	7.9	8.1	7.9	7.2	7.4	7.7	8.0	8.1	7.6
1974.....	7.6	7.8	7.6	7.0	7.3	8.6	8.8	8.1	8.1	8.2	8.6	9.1
1975.....	10.7	11.2	12.1	12.4	14.3	11.7	11.6	12.1	12.7	13.0	12.4	12.1
1976.....	11.4	10.7	11.0	11.7	10.5	11.1	11.7	12.4	11.8	11.6	11.7	11.7
1977.....	11.2	11.4	11.2	9.6	9.9	10.1	9.5	9.4	9.7	9.4	9.3	8.8
1978.....	9.3	9.9	9.5	8.4	9.6	9.1	9.5	9.1	8.9	8.4	8.4	8.6
1979.....	8.2	7.7	7.9	7.9	8.0	8.4	8.1	8.7	7.7	8.6	9.3	9.0
1980.....	8.8	9.1	9.4	9.9	10.3	10.1	10.8	10.7	11.3	10.6	10.2	9.5
1981.....	10.8	11.7	10.5	9.1	10.1	10.2	10.0	9.9	9.6	10.7	11.5	11.0

Explanatory Notes

Introduction

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

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, race, family relationship, marital status, occupation, and industry attachment. 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 60,000 households, representing 629 areas in 1,148 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 records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide 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 employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural 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 day of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment 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 nonagricultural 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 reports, 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.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969.

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, production or nonsupervisory 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.

Earnings

The household survey measures median earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to mean earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the household survey earnings series, see "Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey," BLS Report 601.

COMPARABILITY OF THE HOUSEHOLD 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, whether or

not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training 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 (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers). Beginning in January 1978, coverage was extended to include domestic workers whose employers paid \$1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

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.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

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 work 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 Census from its censuses of annual 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 professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

County Business Patterns. Data in County Business Patterns (CBP), published by the Bureau of the Census, U.S. Department of Commerce, 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. Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, and churches are not covered by unemployment insurance whereas these included in the BLS establishment statistics. Beginning in January 1978, coverage was extended to include domestic workers whose employers paid \$1,000 or more in wages in any calendar quarter, agricultural employees whose employers engaged 10 or more workers in 20 weeks or paid a total of \$20,000 or more in wages in any calendar quarter, and almost all State and local government employees.

Household Data (A tables)

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 Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463. This report is available from BLS upon request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14- and 15-year-olds. 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, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are

included as part of the categories "total noninstitutional population" and "total labor force," are, however, obtained from the Department of Defense.

Each month about 60,000 occupied units are eligible for interview. About 2,500 of these households are visited but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of between 4 or 5 percent. In addition to the 60,000 occupied units, there are 11,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next and one-half to be common with the same month a year earlier.

Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the national 47,000 household sample in January 1978.

Over the period November 1978 to April 1979 the sample was again enlarged by 9,000 households. These supplementary households were added to the 56,000 household sample in January 1980.

Beginning in May 1981, the sample size was cut by about 6,000 occupied housing units. The reduction did not affect the ability to

publish reliable State and local estimates and had practically no effect on the reliability of national estimates.

Beginning in January 1982, the sample was expanded by about 100 households in 15 counties. The expanded sample provides sufficient coverage of counties added to 7 of the 30 largest SMSA's redefined in 1973. The additional sample had practically no effect on the reliability of national or State estimates.

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 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. Measurements of mean and median duration are computed from a distribution of 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 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.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (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. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

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, race, occupation, industry, etc. The job-leaver, 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.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published. The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups; often cross-classified by other demographic characteristics such as race and educational attainment.

Employment-population ratios represent the proportion of the total noninstitutional population that is employed.

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. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in the CPS are defined as in the 1970 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 government 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 Columbus Day holiday would be reported as working 32 hours even though he/she 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.

The distribution of employment by hours worked relates to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in the zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time," correspondingly 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 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 a 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 the peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons and usually work full time.

The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part-time (part time for economic reasons), 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 according to whether they usually work full or part-time.

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate 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.

White and black and other are terms used to describe the race of workers. The "black-and-other category," includes all persons who identified themselves in the enumeration process to be other than white. At the time of the 1980 Census of Population, 83 percent of the black-and-other civilian noninstitutional population 16 years and over were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or of other Hispanic origin or descent.

Major activity: going to school and *major activity: other* are terms used to describe whether the activity of young persons during the reference week is primarily one of going to school or not. Statistics on major activity are published every month in table A-7 for 16- to 21-year-olds by employment status, race, and sex, and, if unemployed, whether seeking full- or part-time work.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population, i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

The *poverty areas* classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency

committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

The *metropolitan areas* classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 Decennial Census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . . USUALLY earn per week at this job before deductions?" Included are any overtime pay, commissions, or tips usually received. Data refer to the sole or primary job of wage and salary workers. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of "usual," interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months.

A *household* consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room are regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a "subfamily," that is, a married couple or a parent-child group related by blood or marriage to the householder and sharing the living quarters. The counts of families used in this volume refer to primary families only, that is, all persons in the household who are related to the householder. Families are classified either as married-couple families or as those maintained by women or men without spouses. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other persons maintaining the family is either self-employed or in the Armed Forces.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. A detailed discussion of this and other definitional changes introduced at that time including estimates of their effect on the various series, is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning in 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning in 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were

virtually unchanged. In addition, beginning in 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly those of the black-and-other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Beginning in 1978, the introduction of an expansion of the sample and revisions in the estimation procedures resulted in an increase of roughly a quarter of a million in the overall civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of *Employment and Earnings*.

Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than determined by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

Beginning in 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. The new procedure is described in the Estimating Methods section. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey beginning in January 1979" in the February 1979 issue of *Employment and Earnings*. Differences between the old and new procedures exist only for metropolitan and nonmetropolitan estimates, not for the total U.S.

Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the CPS estimation procedure. The new procedure is described in the *Estimating Methods* section. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey in January 1982" in the February 1982 issue of *Employment and Earnings*. In addition, current population estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census.

This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referenced above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons.

Changes in the occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: Operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

Changes in sample design

Since the inception of the survey, there have been various changes in the design of the CPS sample. Most of these changes were made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates.

One major change made after every decennial census is to change the sample design to make use of the recently collected census materials. Also, occasionally the sample is expanded in terms of number of sample areas and number of sample persons. In 1953, a rotation plan was introduced in which a sample unit would be interviewed for 4 months, leave the sample for 8 months, and then return to the sample for another 4 months. When Alaska and Hawaii achieved statehood, three more sample areas were added to the sample to account for the population in these States. After the 1960 census, selection of a major portion of the sample from census address lists was begun, though a portion of the sample is still collected using area

sampling. Following the 1970 census, the ultimate sampling unit was changed from a noncontiguous cluster of six housing units to a usually contiguous cluster of four housing units. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia and designed to provide more reliable annual average estimates for States, was incorporated with the existing design. A coverage improvement sample, composed of approximately 450 sample household units which represent 237,000 occupied mobile homes and 600,000 new construction housing units, was included in computing the estimates beginning in October 1978 in order to provide coverage of mobile homes and new construction housing units that previously had no chance for selection in the CPS sample. In January 1980 another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added to the existing sample. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, about 100 occupied units were added to provide sufficient coverage in counties added to SMSA's which were redefined in 1973.

Table A provides a description of some aspects of the CPS sample design in use during the different data collection periods. For a more detailed account of the history of the CPS sample design, see *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce, or *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

ESTIMATING METHODS

Under the estimating 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.

The CPS estimation procedure involves weighting the data from each sample person. The basic weight, which is the inverse of the probability of the person being in the sample, is a rough measure of the number of actual persons that the sample person represents. In States supplemented in the 1978 and 1980 expansions, almost all sample persons within the same sample area have the same basic weight, but the weight may differ across sample areas. The basic weight is the same for almost all sample persons in unsupplemented States. The basic weights are then adjusted for noninterview, and the ratio estimation procedure is applied.

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 of the respondent for other reasons. This adjustment is made separately by combinations of sample areas within each State and the District of Columbia, and within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are Standard Metropolitan Statistical Areas (SMSA's), these

residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 4 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole, in such characteristics as age, race, sex, and residence. Since these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey 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.* In the CPS, a portion of the 629 sample areas is chosen to represent other areas not in the sample; the remainder of the sample areas represent only themselves. The first-stage ratio estimation procedure was designed to reduce the portion of the variance resulting from requiring sample areas to represent nonsample areas. Therefore, this procedure is not applied to sample areas which represent only themselves. The procedure is performed at two geographic levels: First, by the four census regions (Northeast, North Central, South, and West), and second, for each of the 46 States which contains nonsample areas. The procedure corrects for the differences that existed at the time of the 1970 census between the distribution by race and residence of the population in the sample areas and the known race-residence distribution in the portions of the census region or State represented by these areas. The regional adjustment is performed by metropolitan-nonmetropolitan residence and race, while the State adjustment is done by urban-rural status and race.

b. *Second-stage ratio estimate.* In this stage, the sample proportions in the categories described below are adjusted to the distribution of independent current estimates of the civilian noninstitutional population in the same categories. The second-stage ratio estimate is performed in order to increase the reliability of the estimates and is carried out in two steps. In the first step, the sample estimates are adjusted within each State and the District of Columbia to an independent control for the population 16 years and over, for the State. The second step of the adjustment is applied to all sample persons and is a weighting to nationwide independent population estimates of the civilian noninstitutional population within 68 age-sex-race groups. The entire second-stage ratio estimation procedure is iterated six times, each time beginning at the weights developed the previous time. This iteration ensures that the sample estimates both of the State population and of the national age-sex-race categories will be virtually equal to the independent population estimates. This second stage adjustment procedure incorporates changes instituted in January 1982. The nature of these changes is discussed in detail in "Revisions in the

Table A. Characteristics of the CPS sample

Time period	Number of sample areas	Households eligible		Households visited not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959	330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	333	33,500	1,500	6,000
Mar 1963 to Dec. 1966	357	33,500	1,500	6,000
Jan. 1967 to July 1971	449	48,000	2,000	8,500
Aug. 1971 to July 1972	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979	614	53,500	2,500	10,000
Jan 1980 to Apr. 1981	629	62,200	2,800	12,000
May 1981 to present	629	57,800	2,500	11,000

¹ Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

² Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

Current Population Survey Beginning in January 1982" in the February issue of *Employment and Earnings*.

The controls by State for the civilian noninstitutional population 16 years and over are an arithmetic extrapolation of the trend in the growth of this segment of the population from the April 1, 1980 census through the latest available July 1 estimate, adjusted as a last step to a current estimate of the U.S. population of this group. State estimates by age for July 1 are published annually in *Current Population Reports*, Series P-25. For a description of the methodology used in developing the State total, use Report 640 of that series. Descriptions of the age estimates methodology are available on request from the Chief of the Population Division, U.S. Bureau of the Census; Washington, D.C. 20233.

Beginning with the January 1982 estimates, the independent national controls used for the age-sex-race groups in the final step of the second-stage ratio adjustment are prepared by carrying forward the April 1, 1980 total population by age, race, and sex, taking account of the subsequent aging of the population, fertility, mortality, and net immigration, and then subtracting the estimate for the institutional population and Armed Forces. The April 1, 1980, total population was computed by adding together the resident population, consistent with that published for the 1980 census in *Advance Reports, Series, PHC80-V*, and the Armed Forces overseas, as compiled from Department of Defense reports.

Data on births and deaths between April 1, 1980 and the estimate data are based on tabulations of vital statistics for the resident population made by the National Center for Health Statistics and data on deaths of military personnel overseas from the Department of Defense. Estimates of net civilian immigration are based on data provided by the Immigration and Naturalization Service, the Department of Defense, the Office of Personnel Management, and the Puerto Rico Planning Board. The civilian noninstitutional population for the estimate date is derived by subtracting the Armed Forces and the institutional population from the total population including Armed Forces overseas. The institutional population is computed by applying institutional proportions derived from the 1980 census to the total population, including Armed Forces overseas for the estimate date. All computations described above are performed in cells defined by single year of age, race, and sex. The independent national controls totals are then obtained by collapsing these cells into broader age groups for the population 16 years and older.

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. Almost all estimates of month-to-month change are improved by this procedure, and most estimates of levels are also improved, but to a lesser extent.

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

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration but do not measure any systematic biases in the data.

Nonsampling errors. The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness of respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey have been studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in the *Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in the article "The Effects of Rotation Group Bias on Estimates from Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage as compared to the level of the decennial census, is about 5 percent. It is known that the CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females, and larger for black and other races combined than for whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the 1980 census.

Additional information on nonsampling error in the CPS appears in the paper, "An Error Profile: Employment as Measured by the Current Population Survey," by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in the paper "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and in *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive and up-to-date discussion of various sources of error, and describes attempts to measure them in the CPS.

Sampling error. The standard error is primarily a measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The sample estimate and its estimated standard error enable one to construct confidence intervals, ranges that would include the average of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under essentially the

same general conditions and using the same sample design, and an estimate and its estimated error were calculated from each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average of all possible samples.

3. Approximately 95 percent of the intervals from 2 standard errors below the estimate to 2 standard errors above the estimate would include the average result of all possible samples.

In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. First, the standard errors in this volume reflect the sample design and estimation procedures in effect prior to the expansions for State estimates. Thus, these standard errors may slightly overstate the standard errors applicable to the present design. Second, instead of computing an individual standard error for each estimate, generalized sets of standard errors were computed for various types of characteristics. This generalization yields more stable estimates of the standard errors. Consequently, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard error.

Tables B and C show approximate standard errors for major employment status characteristics for monthly estimates and for changes for consecutive months. These standard errors are applicable to the level of the estimates in recent months.

Tables D through H provide generalized standard errors for monthly level and month-to-month change for estimated totals, unemployment rates, and percentages. Table I contains factors for use with table H for computing standard errors, as described below, for monthly level and month-to-month change for percentages. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. The standard error for estimated changes from one month to the next is more closely related to the monthly level for the characteristic than to the size of the specific month-to-month change itself. Thus, in order to use the generalized standard errors for month-to-month change as given in the tables of standard errors, it is necessary to obtain the monthly estimate for the not published when the monthly base is less than 75,000 or the annual average base is less than 35,000.

Tables F and G show generalized standard errors for monthly level and month-to-month change for unemployment rates.

Generalized standard errors for estimated monthly percentages and estimated month-to-month change in percentages can be obtained through the use of the standard errors in table H and the factors in table I. First obtain the standard error from table H for the specific percentage and base. The generalized standard error is then calculated by multiplying the standard error from table H by the appropriate factor from table I. When the numerator and denominator of the percentage are in different categories, use the factor indicated by the numerator of the percentage.

Illustration. For example, assume that in a given month 3.6 percent of a total of 90,771,000 employed persons are employed in agriculture. First the standard error on an estimate of 3.6 percent with a base of 90,771,000 is obtained from table H (0.09 percentage point). The appropriate factor from table I for the numerator of the percentage, agricultural employment, is 1.26. The generalized standard error characteristic. It should be noted that the tables of standard errors for month-to-month change apply only to estimates of change between two consecutive months. Estimates of change for nonconsecutive months are subject to higher standard errors. Table J contains factors for use with tables D, F, H, and I to compute approximate standard errors, as described below, for levels, labor force participation rates,

and percentages as pertaining to year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. Note that standard errors for changes in quarterly and yearly estimates apply only to consecutive quarters and years. For years prior to 1967, the standard errors must be adjusted due to the differences in the sample size. For years prior to 1956, the standard errors should be multiplied by 1.50 and for the 1956-66 period they should be multiplied by 1.22. Table K provides generalized standard errors for quarterly estimates of persons and families for use with the CPS earnings data.

Standard errors for estimated totals. Tables D and E provide generalized standard errors for monthly totals and for month-to-month change. The figures given in these tables are to be used for the characteristics as indicated.

Illustration. Assume that in a given month the number of persons working a specific number of hours was 12,000,000, an increase of 400,000 over the previous month. Linear interpolation in the second column of table D shows that the standard error on an estimate of 12,000,000 is about 150,000. The 68 percent confidence interval as shown by these data is from 11,850,000 to 12,150,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Recall that the standard error of a month-to-month change is primarily dependent on the size of the monthly estimate. Thus, using linear interpolation in the first column of table E the standard error on a month-to-month change of 400,000 when the monthly level is approximately 12,000,000 is about 111,000.

Table B. Standard errors for major employment status categories

(In thousands)

Employment status, sex, age, and race	Standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
Total, 16 years and over:		
Civilian labor force	208	161
Employed	229	175
Unemployed	122	123
Males, 20 years and over:		
Civilian labor force	113	95
Employed	131	114
Unemployed	84	85
Females, 20 years and over:		
Civilian labor force	167	124
Employed	168	128
Unemployed	71	74
Both sexes, 16-19 years:		
Civilian labor force	80	85
Employed	85	94
Unemployed	58	72
Black and other, 16 years and over:		
Civilian labor force	73	56
Employed	84	63
Unemployed	59	62
Males, 20 years and over:		
Civilian labor force	40	34
Employed	49	43
Unemployed	40	42
Females, 20 years and over:		
Civilian labor force	62	46
Employed	62	48
Unemployed	36	40
Both sexes, 16-19 years:		
Civilian labor force	33	37
Employed	31	36
Unemployed	28	30

Standard errors for rates and percentages. The reliability of an estimated unemployment rate or an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the rate or percentage and the total upon which the rate or percentage is based. Estimated rates and percentages are relatively more reliable than the corresponding estimates of the numerator of the rates or percentages; this is particularly true for percentages of 50 percent or more. As a general rule, percentages are on the estimated 3.6 percent is then approximately, $0.09 \times 1.26 = 0.11$ percentage point.

Standard errors for year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages. The approximate standard errors of levels, rates and percentages involving year-to-year change of monthly estimates, quarterly averages, changes in quarterly averages, yearly averages and changes in yearly averages may be obtained by using table J in conjunction with the other tables. Standard errors for estimates of change are more closely related to the level of the estimate than to the size of the specific change. Thus, to obtain the standard error of an estimate of an average level, rate, or percentage, or an estimate of a change in level, rate, or percentage, it is first necessary to find the appropriate estimate of level. For an estimate of an average level, rate or percentage, find the standard error of this estimate. For an estimate of change in level, rate or percentage, find the standard error of the average of the two estimates affecting the change. Then, after computing the standard error by treating these estimates as monthly estimates and using the procedures above, multiply this result by a suitable factor from table J to obtain the approximate standard error for the average or change.

Illustration. For example, suppose that one is interested in the year-to-year change of a monthly unemployment rate. Let us assume that for a certain month the unemployment rate is 6.9 percent based on a total of 95,676,000 in the civilian labor force, and that a year prior to this the unemployment rate was 6.1 percent based on a total of 94,254,000 in the civilian labor force for the month. First, the standard error on the average of the two estimates, 6.5 percent with a base of 94,965,000, is obtained from table F (0.11 percentage point). The

appropriate factor then from table J is 1.40. The approximate standard error on the change of 0.8 percent is then given by $0.11 \times 1.40 = 0.15$ percentage point.

The approximate standard error of levels involving year-to-year change of quarterly estimates pertaining to CPS earnings data for persons and families may be obtained by using table K in conjunction with the following formula:

$$\text{Standard error of year-to-year change} = \sqrt{\left(\frac{\text{Standard error}}{X}\right)^2 + \left(\frac{\text{Standard error}}{Y}\right)^2 - 2(P)\left(\frac{\text{Standard error}}{X}\right)\left(\frac{\text{Standard error}}{Y}\right)}$$

where X is the estimate for one quarter and Y is the estimate for another quarter. The coefficient, P, is a measure of the correlation between the estimates X and Y resulting from the presence of some of the same respondents in the sample for each estimate. For consecutive year-to-year changes of quarterly estimates, the values of P are .30 for persons (total, white, and black) and .35 for families (total, white, and black). The respective values for estimates of Hispanics are .45 and .55.

Illustration:

Assume that in a given quarter the number of women employed as full-time wage and salary workers was 27,000,000 and in the same quarter a year later their number had increased to 29,000,000. Using linear interpolation in the eighth column of table K, the standard error of an estimate of 27,000,000 is 216,000; for 29,000,000 it is 221,000. Using the above formula, the standard error of the 2,000,000, year-to-year change is:

$$\sqrt{(216,000)^2 + (221,000)^2 - 2(.30)(216,000)(221,000)},$$

or about 259,000.

Table C. Standard errors for unemployment rates by major characteristics

Selected categories	Standard error of-		Selected categories	Standard error of-	
	Monthly level	Consecutive month change		Monthly level	Consecutive month change
Total (all civilian workers)	0.12	0.12	OCCUPATION		
Males, 20 years and over .....	.15	.15	Blue-collar workers—Continued		
Females, 20 years and over .....	.17	.18	Operatives, except transport	0.44	0.50
Both sexes, 16-19 years .....	.57	.67	Transport equipment operatives .....	.70	.77
White workers .....	.12	.12	Nonfarm laborers .....	.71	.81
Black (and other) workers .....	.46	.49	Service workers .....	.32	.36
Married men, spouse present .....	.15	.16	Farm workers .....	.54	.62
Married women, spouse present .....	.21	.23	INDUSTRY		
Full-time workers .....	.12	.13	Nonagricultural private wage and		
Part-time workers .....	.32	.40	salary workers .....	.13	.13
Unemployed 15 weeks and over .....	.06	.07	Construction .....	.59	.70
OCCUPATION			Manufacturing .....	.27	.30
White-collar workers .....	.12	.13	Durable goods .....	.37	.41
Professional and technical .....	.18	.20	Nondurable goods .....	.39	.45
Managers and administrators,			Transportation and public		
except farm .....	.20	.23	utilities .....	.38	.42
Sales workers .....	.36	.41	Wholesale and retail trade .....	.26	.29
Clerical workers .....	.23	.25	Finance and service industries .....	.17	.19
Blue-collar workers .....	.24	.26	Government workers .....	.20	.23
Craft and kindred workers .....	.33	.37	Agricultural wage and salary		
			workers	1.07	1.26

Table D. Standard errors for estimates of monthly level

(in thousands)

Estimated monthly level	Characteristic ¹								
	Agricultural employment	Labor force data other than unemployment and agricultural employment data						Unemployment	
		Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white males only, or females only	Black and other males only, or females only	Total or white	Black and other
50	13	10	10	10	10	9	9	10	11
100	18	14	14	14	14	13	13	14	15
500	41	32	32	32	28	30	29	31	33
1,000	57	45	44	44	33	42	40	44	46
2,000	81	64	60	60	13	59	52	62	63
4,000	113	90	79	77	-	82	60	87	83
6,000	137	109	88	84	-	99	53	106	93
8,000	-	125	90	84	-	113	16	122	-
10,000	-	139	87	76	-	124	-	135	-
15,000	-	166	36	-	-	146	-	163	-
20,000	-	188	-	-	-	161	-	182	-
30,000	-	219	-	-	-	177	-	-	-
40,000	-	249	-	-	-	178	-	-	-
50,000	-	253	-	-	-	164	-	-	-
60,000	-	260	-	-	-	131	-	-	-
70,000	-	260	-	-	-	49	-	-	-
80,000	-	254	-	-	-	-	-	-	-
100,000	-	221	-	-	-	-	-	-	-
120,000	-	143	-	-	-	-	-	-	-

¹ When determining the standard error of an estimate for a group which is a subset of the age, sex, or race groups listed, use the standard error for the next larger group, e.g., when determining the

standard error on the estimated number of employed persons age 20 to 54 years, use the column for total employed.

Table E. Standard errors for estimates of month-to-month change

(In thousands)

Estimated monthly level	Characteristic ¹							
	Labor force data other than unemployment and agricultural employment data				Unemployment			
	Total or white	Black and other	Total or white, 16-19 years	Black and other, 16-19 years	Total or white	Both sexes 16-19 years, or part-time labor force ²	Black and other	Black and other, 16-19 years
50	8	8	12	12	11	12	12	12
100	11	11	17	17	16	17	16	17
500	24	23	37	33	35	39	36	34
1,000	34	33	52	37	48	55	49	39
2,000	47	45	70	-	68	77	65	-
4,000	66	58	89	-	93	107	80	-
6,000	81	65	96	-	110	129	-	-
8,000	93	68	93	-	123	147	-	-
10,000	103	65	78	-	132	162	-	-
15,000	123	33	-	-	145	191	-	-
20,000	130	-	-	-	146	211	-	-
30,000	163	-	-	-	-	-	-	-
40,000	179	-	-	-	-	-	-	-
50,000	189	-	-	-	-	-	-	-
60,000	194	-	-	-	-	-	-	-
70,000	195	-	-	-	-	-	-	-
80,000	191	-	-	-	-	-	-	-
100,000	179	-	-	-	-	-	-	-
120,000	119	-	-	-	-	-	-	-

¹ See footnote 1, table D.

² Part-time labor force for unemployment also includes persons

reentering the labor force, persons who left their last job, and persons by duration of unemployment.

Table F. Standard errors for unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.05	2.88	4.49	6.18	7.36	8.25	8.93	9.46	9.85	10.36
100	1.45	2.04	3.18	4.37	5.20	5.83	6.32	6.69	6.97	7.33
500 .....	.65	.91	1.42	1.96	2.33	2.61	2.82	2.99	3.12	3.28
1,000 .....	.46	.65	1.01	1.38	1.65	1.84	2.00	2.12	2.21	2.32
2,000 .....	.32	.46	.71	.98	1.17	1.31	1.42	1.50	1.56	1.64
4,000 .....	.23	.32	.50	.69	.83	.92	1.00	1.06	1.10	1.16
6,000 .....	.19	.26	.41	.57	.67	.75	.82	.86	.90	.94
10,000 .....	.15	.21	.32	.44	.52	.59	.63	.67	.70	.73
20,000 .....	.11	.15	.23	.31	.37	.41	.45	.47	.49	.51
60,000 .....	.06	.08	.12	.17	.20	.23	.25	.26	.27	.28
100,000 .....	.04	.06	.10	.13	.16	.18	.19	.20	.21	.22

Table G. Standard errors for month-to-month change in unemployment rates

Monthly base of unemployment rate (In thousands)	Monthly unemployment rate (percent)									
	1	2	5	10	15	20	25	30	35	50
50	2.32	3.28	5.12	7.10	8.52	9.64	10.05	11.39	11.97	12.55
100	1.64	2.32	3.62	5.02	6.02	6.81	7.11	8.05	8.39	8.87
500 .....	.74	1.04	1.62	2.25	2.69	3.04	3.17	3.58	3.73	3.93
1,000 .....	.52	.73	1.15	1.59	1.90	2.15	2.24	2.52	2.62	2.74
2,000 .....	.37	.52	.81	1.12	1.34	1.51	1.57	1.76	1.83	1.89
4,000 .....	.26	.37	.57	.79	.94	1.06	1.10	1.22	1.26	1.26
6,000 .....	.21	.30	.47	.64	.76	.86	.89	.97	1.00	-
10,000 .....	.16	.13	.36	.49	.59	.65	.67	.72	-	-
20,000 .....	.11	.15	.24	.33	.39	.44	.48	.51	-	-
60,000 .....	.06	.09	.13	.18	.21	.22	.23	-	-	-
100,000 .....	.05	.07	.10	.13	.14	.14	-	-	-	-

Table H. Standard errors for estimated percentages and month-to-month change in percentages for labor force data

Monthly base of percentages (In thousands)	Percentage of monthly level									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	30 or 70	35 or 65	50
50	2.03	2.85	4.44	6.12	7.28	8.15	8.83	9.34	9.72	10.19
100	1.43	2.02	3.14	4.32	5.15	5.77	6.24	6.61	6.88	7.21
500 .....	.64	.90	1.41	1.93	2.30	2.58	2.79	2.95	3.07	3.22
1,000 .....	.45	.64	.99	1.37	1.63	1.82	1.97	2.09	2.17	2.28
2,000 .....	.32	.45	.70	.97	1.15	1.29	1.40	1.48	1.54	1.61
4,000 .....	.23	.32	.50	.68	.81	.91	.99	1.04	1.09	1.14
6,000 .....	.19	.26	.41	.56	.66	.74	.81	.85	.89	.93
10,000 .....	.14	.20	.31	.43	.51	.58	.62	.66	.69	.73
20,000 .....	.10	.14	.22	.31	.36	.41	.44	.47	.49	.51
40,000 .....	.07	.10	.16	.22	.26	.29	.31	.33	.34	.36
60,000 .....	.06	.08	.13	.18	.21	.24	.25	.27	.28	.29
80,000 .....	.05	.07	.11	.15	.18	.20	.22	.23	.24	.25
100,000 .....	.05	.06	.10	.14	.16	.18	.20	.21	.22	.23
160,000 .....	.04	.05	.08	.11	.13	.14	.16	.17	.17	.18

NOTE: The standard errors in this table must be multiplied by the factors in table I to obtain the approximate standard error for a specific characteristic.

Table I. Factors to be used with Table H to compute approximate standard errors for percentages and month-to-month change in percentages

Characteristic	Factor		Characteristic	Factor	
	Monthly level	Month-to-month change		Monthly level	Month-to-month change
Agricultural employment:			Unemployment:		
Total or full-time labor force	1.26	1.05	Part-time labor force, duration of unemployment, left last job, reentering labor force	1.01	1.21
Part-time labor force	1.26	1.50	All other unemployment characteristics:		
Labor force data other than agricultural employment data and unemployment data:			Total or white:		
Total	1.00	.74	Total .....	.97	1.08
Males only .....	.93	.84	Both sexes, 18-19 years .....	.97	1.21
Females only .....	.86	.75	Black and other:		
Both sexes, 16-19 years	1.00	1.18	Total	1.04	1.13
Part-time labor force	1.00	1.18	Both sexes, 16-19 years	1.04	1.24

Table J. Factors to be used with Tables, D, F, H, and I to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages, and change in yearly averages

Characteristic	Factors				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
Agricultural employment:					
Total or males	1.30	0.89	0.80	0.72	0.70
Females or teenagers (16-19 years)	1.30	.83	.80	.58	.70
Part time	1.40	.74	.80	.46	.70
Labor force data other than agricultural employment data and unemployment data:					
Total or white	1.30	.88	.88	.67	.70
Black and other or teenagers (16-19 years)	1.30	.82	.88	.57	.70
Part time	1.40	.74	.88	.46	.80
Unemployment:					
Total	1.40	.76	.88	.50	.85
Part time	1.40	.69	.88	.39	.54

Table K. Standard errors for estimates of quarterly level

(In thousands)

Estimated quarterly level	Characteristic								
	Total			Males				Females	
	Part-time workers	Total or full-time workers		Part-time workers	Total or full-time workers			Total, full-time, or part-time workers	
		Total or white	Black		Total	White	Black	Total or white	Black
10	5	5	5	5	5	5	5	5	5
50	11	12	12	11	12	12	12	11	11
75	13	15	15	13	15	15	15	13	13
100	15	17	17	15	17	17	17	15	15
150	19	21	21	19	21	21	21	19	19
200	22	24	24	22	24	24	24	22	21
250	24	27	27	24	27	27	27	24	24
300	26	30	30	26	30	30	29	26	26
500	34	38	38	34	38	38	37	34	33
750	42	47	46	42	47	47	45	42	41
1,000	48	54	53	48	54	54	50	48	46
1,500	59	66	63	59	66	66	59	59	56
2,000	66	76	72	68	76	76	65	68	63
2,500	76	85	79	75	84	84	69	75	69
3,000	83	93	85	82	92	92	71	82	74
5,000	107	119	100	105	117	116	64	105	85
7,500	130	145	107	127	140	138	-	127	-
10,000	149	165	102	144	157	155	-	145	-
15,000	180	196	-	187	183	179	-	173	-
20,000	205	224	-	192	199	193	-	195	-
25,000	226	244	-	207	209	199	-	211	-
30,000	224	261	-	219	212	196	-	224	-
40,000	273	286	-	236	201	174	-	242	-
50,000	296	301	-	-	-	-	-	-	-
75,000	331	304	-	-	-	-	-	-	-
100,000	343	255	-	-	-	-	-	-	-

Establishment Data (B, C, and D tables)

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, responding establishments report employment, hours, and earnings data and/or labor turnover data to State agencies. State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the reported data to prepare State and area series and also send the reported data to the BLS (Washington Office) for use in preparing the national series. This avoids a duplicate reporting burden on establishments, and together with the use of similar estimating techniques at the national and State levels, promotes increased comparability between estimates.

Shuttle schedules

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

Form BLS 790 provides for entry of data on the total number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, employment, payroll, and 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 total employment during the pay period which includes the 12th of the month.

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. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. 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 principal product or activity.

All data on employment, hours, earnings, and labor turnover for the Nation and for most States and areas are classified in accordance with the 1972 *Standard Industrial Classification Manual (SICM)*, Office of Management and Budget. The BLS tabulates and estimates statistics which distinguish between private and public establishments, thus maintaining continuity with previously published statistics for the private and government sectors.

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. Employees of the Central Intelligence and National Security Agencies are also 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 even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, or on strike for the entire period or who were hired but have not yet reported during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard 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 construction division: Working supervisors, qualified craft workers, 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, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels 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 the 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.

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

Overtime hours covers 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. They reflect 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. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. 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 amount stipulated for a given unit of work or time. The earnings series do 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 estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

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 unpaid 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 exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her 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 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.

Railroads 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 average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker, the worker's marital status and level of gross income. To reflect these variables, the Bureau calculates two sets of spendable earnings series based on the assumptions that the worker earned the gross average weekly earnings and was taxed at the rates applicable to either (1) a single worker with no dependents, or (2) a married worker with three dependents who files a joint return. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflect the spendable earnings of only those workers, with no dependents or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all married workers with three dependents; such workers, in fact, have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Ryscavage, "Two Divergent Measures of Purchasing Power," in the *Monthly Labor Review* for August 1979. Reprints of this article are available upon request from the Bureau of Labor Statistics.

"Real" earnings, or earnings in constant dollars, are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPJ-W).

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 hours and one-half of total overtime 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. 537-40). 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 hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1977. For basic industries, the hour aggregates are the product of average weekly hours and production-worker or nonsupervisory-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of industry aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December 1974 issue of *Employment and Earnings*.

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. The inclusion of transfers to or from another establishment of the company as separations and accessions began 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.

Recalls are permanent or temporary additions to the employment roll of persons specifically recalled to a job in the same establishment of the company following a period of layoff lasting more than 7 consecutive days. (The collection of recalls, as a separate item, began January 1976.)

Other accessions are all additions to the employment roll which are not classified as new hires or recalls. These include transfers from other establishments of the company and former employees returning from military leave or other absences without pay who have been counted as separations. Data on other accessions are not published separately but are included in total accessions.

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

Quits are terminations of employment initiated by employees, failure to report after being hired (if counted as new hires previously), 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, transfer 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 of labor turnover to employment series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not strictly 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 establishment 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 in table L.

Size and regional stratification

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

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 1980 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by States agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover about 98 percent of employees on nonagricultural payrolls in the United States. 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 for the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates between benchmark periods 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 at the time of the March 1980 benchmark adjustment is shown in table M.

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. Revised data are published as soon as possible after each benchmark revision.

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. Under this type of design, large establishments fall into the sample with certainty. The size of the sample 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 percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few

Table L. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover

Item	Basic estimating cell (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) estimated ratio of women to all employees. ²	Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker hours divided by number of production or nonsupervisory workers. ²	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime hours divided by number of production workers. ²	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 hours. ²	Average, weighted by aggregate 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 establishments 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, women 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 hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers
Gross average hourly earnings	Annual total of aggregate payrolls (product of production- or nonsupervisory-worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total by aggregate payrolls divided by annual aggregate 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	Annual average aggregate (of each labor turnover action) divided by annual average employment.	Annual average aggregate (of each labor turnover action) divided by annual average employment.

The estimates result from multiplying the product shown by bias adjustment factors to compensate for the underrepresentation of newly formed enterprises in the sample and other bias sources.

The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings are

modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample, and at the same time, tapers or wedges the estimate toward the level of the latest sample average.

Table M. Comparison of nonagricultural employment benchmarks and estimates for March 1980

Industry division	Benchmark, March 1980	Estimate, March 1980	Percent difference
Total	90,253,000	90,316,000	0.1
Mining	990,000	996,000	.6
Construction	4,087,000	4,150,000	1.5
Manufacturing	20,722,000	20,793,000	.3
Transportation and public utilities	5,127,000	5,143,000	.3
Wholesale and retail trade	20,068,000	20,226,000	.7
Finance, insurance, and real estate	5,090,000	5,085,000	-.1
Services	17,636,000	17,478,000	-.9
Government	16,533,000	16,445,000	-.5

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 small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to design samples for these industries 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 do 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 producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after the reference period, 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. Table N 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. Table O shows the approximate coverage, in terms of employment, of the labor turnover sample.

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a "link relative" technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision

Table N. Approximate size and coverage of BLS employment and payrolls sample, March 1980¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total	166,300	35,270,000	38
Mining	2,100	369,000	37
Construction	16,100	739,000	18
Manufacturing	44,200	11,175,000	54
Transportation and public utilities:			
Railroad transportation (ICC)	40	482,000	90
Other transportation and public utilities	7,600	2,623,000	57
Wholesale and retail trade	41,100	3,288,000	16
Finance, insurance, and real estate	11,200	1,826,000	36
Services	25,500	3,516,000	20
Government:			
Federal ²	4,500	2,869,000	100
State and local	13,900	8,383,000	61

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

² National estimates of Federal employment by agency are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of 4,500 reports covering about 95 percent of employment in Federal establishments.

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 arises from improvements in the quality of the benchmark data. Table P presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for basic estimating cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table P and for individual industries with the specified number of employees in table Q. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative

Table O. Approximate size and coverage of BLS labor turnover sample, March 1980

Industry	Employees	
	Number reported	Percent of total
Total	9,252,000	40
Manufacturing	8,461,000	41
Mining	227,000	23
Telephone communication	744,000	70

Table P. Average benchmark revision in employment estimates and relative errors for average weekly hours and average hourly earnings by industry division

(In percent)

Industry division	Average benchmark revision in estimates of employment ¹	Relative errors ²	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.3	-	-
Total private .....	.3	0.1	0.2
Mining	1.0	.5	.5
Construction	1.7	.2	.3
Manufacturing .....	.3	.1	.1
Durable goods .....	.4	.1	.1
Nondurable goods .....	.4	.1	.1
Transportation and public utilities .....	.4	.7	.4
Trade .....	.4	.1	.2
Wholesale .....	.7	.2	.3
Retail .....	.4	.2	.2
Finance, insurance, and real estate .....	.5	.2	.4
Services .....	.7	.4	.8
Government ³ .....	.5	-	-

¹ The average percent revision in employment for the following benchmarks: 1970, 1971, 1974, 1978, 1979 and 1980.

² Relative errors relate to March 1971 data.

³ Estimates for government are based on a total count for Federal Government and, prior to the March 1979 revision, samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in 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 most recent benchmark revisions) of differences between final estimates and benchmarks are presented in table Q.

Table Q. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings

Size of employment estimate	Root-mean-square error of employment estimates ¹	Relative errors ² (in percent)	
		Average weekly hours	Average hourly earnings
50,000	2,100	0.9	1.5
100,000	4,400	.7	1.1
200,000	7,100	.5	.9
500,000	15,200	.4	.8
1,000,000	17,100	.3	.5
2,000,000	28,500	.3	.5

¹ Assuming 12-month intervals between benchmark revisions.

² Relative errors relate to March 1971 data.

For the two 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. Table R presents root-mean-square errors of the amounts of revisions 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 0.1 of an hour for weekly hours and 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.

PRODUCTIVITY DATA

Tables C-10, C-11, and C-12 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensa-

Table R. Errors of preliminary employment estimates

Category	Root-mean-square error of—	
	Monthly level	Month-to-month change
INDUSTRY DIVISIONS		
Total nonagricultural employment	83,000	69,000
Mining	5,000	5,000
Construction	19,000	16,000
Manufacturing	29,000	27,000
Durable two-digit industries	3,700	3,500
Nondurable two-digit industries	2,500	2,500
Transportation and public utilities	14,000	14,000
Wholesale and retail trade	30,000	27,000
Finance, insurance, and real estate	8,000	7,000
Services	31,000	26,000
Government	46,000	36,000
DETAILED INDUSTRIES: SIZE OF EMPLOYMENT ESTIMATE		
50,000	300	400
100,000	700	700
200,000	1,100	1,100
500,000	3,900	4,100
1,000,000	3,800	3,900
2,000,000	6,000	6,100

NOTE: Division level data are based on differences from January 1975 through December 1980. Detailed industry data are based on differences from August 1978 through June 1979.

tion and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant-dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index for All Urban Consumers (CPI-U).

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are

computed by subtracting compensation of all persons from the current-dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* include corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current-dollar estimate of gross product by the constant-dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the gross domestic product less household and institutions, owner-occupied housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the gross domestic product of nonfinancial corporate business.

Manufacturing data have been revised to reflect revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hours data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and Area Unemployment Data (E table)

FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which are derived from standardized procedures developed by BLS are the basis for determining eligibility of an area for benefits under Federal programs such as the Comprehensive Employment and Training Act, the Public Works Employment Act, and the Public Works and Economic Development Act.

ESTIMATING METHODS

Labor force and unemployment in 10 large States: New York, California, Illinois, Ohio, New Jersey, Pennsylvania, Michigan, Texas, Massachusetts, and Florida; and two areas: Los Angeles-Long Beach metropolitan area and New York City, are sufficiently reliable to be used directly from the CPS. For a description of the CPS concepts see "Household Data," above.

Monthly employment and unemployment estimates in the remaining 40 States and 214 labor market areas are prepared in several stages.

1. *Preliminary estimate—employment*: The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residences as used in the CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—unemployment*: In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these

laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

An estimate for those previously employed in covered industries is derived from a count of current unemployment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying to the employment estimate for each non-covered industry or class of worker subgroup in the State, the ratio of covered unemployment to covered employment weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as:

$$U = A(X + E) + BX, \text{ where}$$

U = total entrant unemployment

E = total employment

X = total experienced unemployment

A, B = synthetic factors incorporating seasonal variation and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor).

3. *Correction factors for employment and unemployment* are then applied at the State level to the UI-based estimates obtained above for

each of the 40 States and the District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6 month period ending in the current month (e.g. a 6-month moving average).

4. *Substate adjustment for additivity.* Independent estimates of employment and unemployment are prepared both for the State (obtained directly from the CPS in the 10 large States or by the UI-based method in the remaining States), and labor market areas (LMA's) within the State. The total of the geographic areas in the LMA's exhausts the geographic boundaries of the State. A proportional adjustment is applied to all substate LMA estimates to ensure that the substate estimates of employment and unemployment add to the independent State totals. In California and New York, which also have substate areas taken directly from the CPS, the additivity adjustment for the remaining areas is applied to the State total minus the direct CPS area.

5. *Benchmark correction procedures.* Once each year monthly estimates prepared by State employment security agencies using UI-based estimating procedures are adjusted, or benchmarked, by BLS to the annual average CPS estimates for the 40 States for which monthly CPS estimates are not available. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS annual averages due to differences in State UI laws, the structural limitations of the UI-based estimating method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly UI-based estimates are adjusted by the ratio of the CPS to the UI-based annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the second-stage estimates are forced into agreement with CPS annual averages. In the 10 States which use CPS estimates monthly, no benchmark correction is required, as the average of the 12 monthly State CPS estimates will equal the CPS annual averages.

Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other nonseasonal movements in the series. In evaluating 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 are also 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 programs used for these series are based on an *adaptation* of the standard ratio-to-moving average method. They provide for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the publication, *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Beginning in January 1980, the BLS introduced two major modifications in the seasonal adjustment methodology for data from the household survey. First, the data are being seasonally adjusted with a new procedure called X-11 ARIMA, which was developed at Statistics Canada as an extension of the existing standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method*, by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, February 1980. The X-11 procedure was originally developed at the Bureau of the Census and had been used by the BLS to seasonally adjust labor force series since 1973. Tests have shown that use of the X-11 ARIMA procedure, which essentially places more emphasis on recent data, provides better seasonal adjustments than does the X-11 method alone.

The second change is that seasonal factors are now being calculated for use during the first 6 months of the year rather than for the entire year. In July of each year, the BLS will calculate and publish (in *Employment and Earnings*) a new set of seasonal factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years will continue to be made once a year, at the beginning of each calendar year. However, as a

result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted data for selected labor force series based on the experience through December 1981, new seasonal adjustment factors to be used to calculate the overall unemployment rate for the first 6 months of 1982, and a description of the current seasonal adjustment methodology are published in the February 1982 issue of *Employment and Earnings*. Revised seasonally adjusted data covering the 1970-81 revision period for a broader range of labor force series also appear in the February 1982 issue of this publication. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

Beginning in July 1980, the BLS also uses the X-11 ARIMA methodology in seasonally adjusting the establishment data, which previously had been computed using the *BLS Seasonal Factor Method*. All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors used in calculating the current estimates are based on data through March of 1981. The ARIMA model options for projecting the data series for 1 year ahead have been used in seasonally adjusting the establishment series, introduced with June 1981 data.

Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers

(CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1977 base. For total private, total goods-producing, total private service-producing, trade, manufacturing, and durable and nondurable goods industries, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1977 base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. Beginning with data for July 1981, these failed or unsatisfactory seasonally adjusted series are used in the aggregation to broader level seasonally adjusted series. In prior months, the unadjusted series were used in the aggregation process.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service 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 Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

For labor turnover rates, seasonal adjustment factors are applied directly to the component series. These series are then aggregated to obtain total levels (total accessions and total separations). These factors are derived by the *X-11 ARIMA Method* using the trading day option except for recalls. As a result, these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through March 1981. Seasonal factors to be used for current adjustment appear in the July 1981 issue of *Employment and Earnings*.

U.S. Department of Labor Bureau of Labor Statistics

REGION I - BOSTON
John Fitzgerald Kennedy Federal Bldg.
Government Center - Room 1603 A
Boston, Mass. 02203

REGION II - NEW YORK
Suite 1400
1515 Broadway
New York, N.Y. 10036

REGION III - PHILADELPHIA
P.O. Box 13309
Philadelphia, Pa. 19101

REGION IV - ATLANTA
Suite 540
1371 Peachtree Street, NE.
Atlanta, Ga. 30367

REGION V - CHICAGO
9th Floor
230 S. Dearborn Street
Chicago, Ill. 60604

REGION VI - DALLAS
2nd Floor
555 Griffin Square
Dallas, Tex. 75202

REGIONS VII & VIII - KANSAS CITY
15th Floor
911 Walnut Street
Kansas City, Mo. 64106

REGION IX - X - SAN FRANCISCO
Box 36017
450 Golden Gate Avenue
San Francisco, Calif. 94102

COOPERATING STATE AGENCIES

State and Local Area Unemployment Statistics Program (LAUS), Current Employment Statistics Program (CES), and Labor Turnover Statistics Program (LTS)

BLS Region	
IV ALABAMA	Department of Industrial Relations, Industrial Relations Building, Room 427, Montgomery 36130
X ALASKA	Employment Security Division, Department of Labor, P.O. Box 3-7000, Juneau 99802
IX ARIZONA	Department of Economic Security, P.O. Box 6123, Phoenix 85005
VI ARKANSAS	Employment Security Division, Department of Labor, P.O. Box 2981, Little Rock 72203
IX CALIFORNIA	Employment Development Department, P.O. Box 1679, Sacramento 95808 (C.E.S.)
VIII COLORADO	Division of Employment and Training, 1278 Lincoln Street, Denver 80203
CONNECTICUT	Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
DE DELAWARE	Department of Labor, University Plaza Office Complex, Bldg. D, Chapman Rd., Route 273, Newark 19713
DC DIST. OF COL.	Office of Administration and Management Services, D.C. Department of Labor, Suite 1000, 605 G Street, N.W., Washington 20001
IX FLORIDA	Department of Labor and Employment Security, Caldwell Building, Tallahassee 32301
IX GEORGIA	Department of Labor, 254 Washington Street, S.W., Atlanta 30334
IX HAWAII	Department of Labor and Industrial Relations, P.O. Box 3680, Honolulu 96811
X IDAHO	Department of Employment, P.O. Box 35, Boise 83707
X ILLINOIS	Bureau of Employment Security, 910 South Michigan Street, 15th Floor, Chicago 60605
X INDIANA	Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII IOWA	Department of Job Service, 1000 East Grand Avenue, Des Moines 50319
VII KANSAS	Division of Employment, Department of Human Resources, 401 Topeka Avenue, Topeka 66603
IV KENTUCKY	Department of Human Resources, 275 E. Main Street, 2nd Floor West, Frankfort 40621
VI LOUISIANA	Department of Labor, P.O. Box 44094, Capitol Station, Baton Rouge 70804
MAINE	Department of Manpower Affairs, Bureau of Employment Security, 20 Union Street, Augusta 04330
III MARYLAND	Department of Human Resources, 1100 North Eutaw Street, Baltimore 21201
I MASSACHUSETTS	Division of Employment Security, Charles F. Hurley Building, Government Center, Boston 02114
X MICHIGAN	Employment Security Commission, 7310 Woodward Avenue, Detroit 48202
X MINNESOTA	Department of Economic Security, 390 North Robert Street, Room 517, St. Paul 55101
IV MISSISSIPPI	Employment Security Commission, P.O. Box 1699, Jackson 39205
VI MISSOURI	Division of Employment Security, Department of Labor and Industrial Relations, P.O. Box 59, Jefferson City 65101
VIII MONTANA	Employment Security Division, Department of Labor and Industry, P.O. Box 1728, Helena 59601
VII NEBRASKA	Division of Employment, Department of Labor, P.O. Box 94600, Lincoln 68509
IX NEVADA	Employment Security Department, P.O. Box 602, Carson City 89713
NEW HAMPSHIRE	Department of Employment Security, 32 South Main Street, Concord 03301
II NEW JERSEY	Department of Labor and Industry, John Fitch Plaza, Room 202, Trenton 08625
XI NEW MEXICO	Employment Services Division, Department of Human Services, P.O. Box 1928, Albuquerque 87103
I NEW YORK	Division of Research and Statistics, Department of Labor, State Campus Building 12, Albany 12201
IV NORTH CAROLINA	Employment Security Commission, P.O. Box 25903, Raleigh 27611
XII NORTH DAKOTA	Employment Security Bureau, P.O. Box 1537, Bismarck 58505
X OHIO	Division of Research and Statistics, Bureau of Employment Services, 145 S. Front St., Columbus 43216
VI OKLAHOMA	Employment Security Commission, 310 Will Rogers Memorial Office Building, Oklahoma City 73105
X OREGON	Employment Division, Department of Human Resources, 875 Union Street, N.E., Salem 97311
III PENNSYLVANIA	Department of Labor and Industry, Seventh and Forster Streets, Harrisburg 17121
PR PERTO RICO	Department of Labor, 414 Barbosa Avenue, Hato Rey 00917
RHODE ISLAND	Department of Employment Security, 24 Mason Street, Providence 02903
IX SOUTH CAROLINA	Employment Security Commission, P.O. Box 995, Columbia 29202
XII SOUTH DAKOTA	Department of Labor, P.O. Box 1730, Aberdeen 57401
IV TENNESSEE	Department of Employment Security, 436-6th Avenue, North, Room 519, Nashville 37219
VI TEXAS	Employment Commission, 1117 Trinity Street, Austin 78701
VIII UTAH	Department of Employment Security, P.O. Box 11249, Salt Lake City 84147
V VERMONT	Department of Employment Security, P.O. Box 488, Montpelier 05602
III VIRGINIA	Division of Research and Statistics, Department of Labor and Industry, P.O. Box 12064, Richmond 23241 (CES) Employment Commission, P.O. Box 1358, Richmond 23111 (LAUS and LTS)
VI VIRGIN ISLANDS	Division of Employment Security, P.O. Box 1092, St. Thomas 00801 (CES)
X WASHINGTON	Employment and Security Department, 212 Maple Park, Olympia 98504
III WEST VIRGINIA	Department of Employment Security, 112 California Avenue, Charleston 25305
V WISCONSIN	Department of Industry, Labor, and Human Relations, P.O. Box 7944, Madison 53707
VII WYOMING	Employment Security Commission, P.O. Box 2760, Casper 82601