

Employment and Earnings

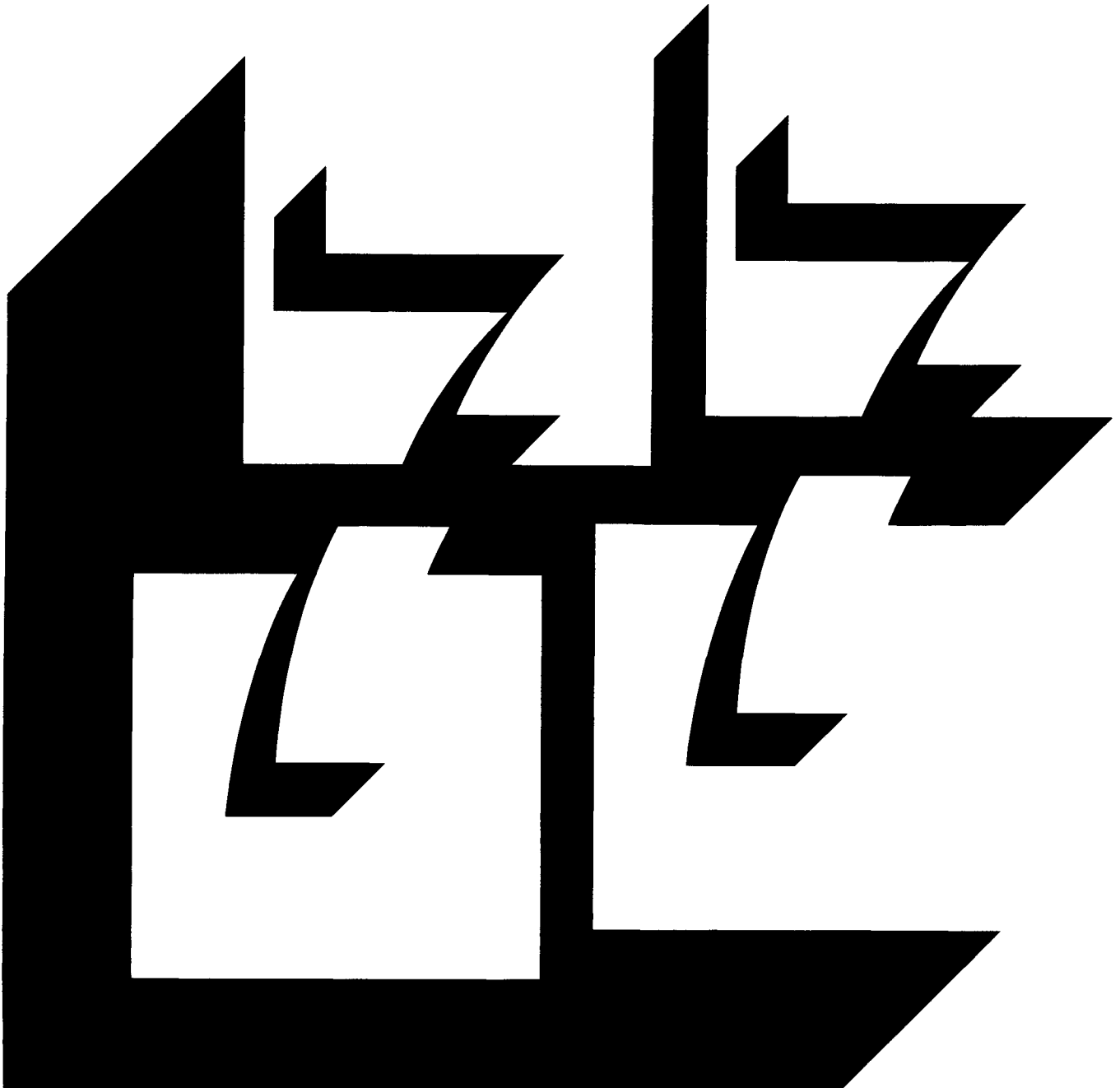
January 1977



U. S. Department of Labor
Bureau of Labor Statistics

Vol. 24 No. 1

In this issue:
1976 annual averages





U.S. DEPARTMENT OF LABOR

Ray Marshall, Secretary

BUREAU OF LABOR STATISTICS

Julius Shiskin, Commissioner

Employment and Earnings is prepared by the Division of Industry Employment Statistics and the Division of Employment and Unemployment Analysis in collaboration with the Division of Special Publications. The data are collected by the Bureau of the Census (Department of Commerce), Employment and Training Administration, State Employment Security Agencies, and State Departments of Labor in cooperation with the Bureau of Labor Statistics. A brief description of the cooperative statistical programs of the BLS with these agencies is presented in the Explanatory Notes. The State agencies are listed on the inside back cover.

Employment and Earnings may be ordered through the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Subscription price per year \$24 domestic, and \$30 foreign. Single copy \$2.70. Prices are subject to change by the U.S. Government Printing Office.

Communications on editorial matters should be addressed to: Editors, *Employment and Earnings*, Bureau of Labor Statistics, Washington, D.C. 20212. Inquiries regarding the text and *Household Data* should be addressed to: Attention of Gloria P. Green or Phone: (202) 523-1944. Inquiries relating to *Establishment Data* and all other tables should be addressed to: Attention of Chester L. Green or Phone: (202) 523-1759. Send correspondence on circulation and subscription matters (including address changes) to the Superintendent of Documents.

The Secretary of Labor has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through February 28, 1981. Controlled circulation postage paid at Washington, D.C. and Baltimore, Md.

Library of Congress Catalog Number 70-11379

Unless identified as copyrighted, articles and tabulations in this publication are in the public domain and may be reproduced without permission of the Federal Government. Please credit *Employment and Earnings*, Bureau of Labor Statistics.

Employment and Earnings

Vol. 24 No. 1 January 1977

Editors: Chester L. Green, Gloria P. Green, James A. McCall

CONTENTS

Page

List of statistical tables	2
Employment and unemployment developments, December 1976	6
Employment data for detailed occupations, 1976	8
Charts	10
Statistical tables:	
Not seasonally adjusted—	
Household data ..	22
Quarterly averages	60
Establishment data:	
Employment	69
Hours and earnings	93
Labor turnover	121
State and area unemployment data	130
Unemployment insurance data	135
Seasonally adjusted series—	
Household data	45
Quarterly averages	52
Establishment data:	
Employment	78
Hours and earnings	112
Productivity	113
Labor turnover	126
Annual averages	138
Explanatory notes	173

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:										
	Jan.	Feb.	Mar.	Apr.	May	July	Aug.	Oct.	Nov.	Dec.
Household data										
Annual averages	x									
Revised seasonally adjusted series		x								
Quarterly averages:										
Seasonally adjusted data										
Persons not in labor force										
Persons of Spanish origin										
Vietnam-Era veterans and nonveterans	x			x		x		x		
Poverty-nonpoverty area data										
Establishment data										
National annual averages:										
Industry divisions (preliminary)	x									
Industry detail (final)			x							
Women employment (National)		x			x		x		x	
National data adjusted to new benchmarks								(1)		
Revised seasonally adjusted series										(2)
State and area annual averages					x					
Area definitions					x					

¹ The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1975 issue marks the introduction of March 1974 benchmarks.

² Revised data introduced December 1976.

MONTHLY HOUSEHOLD DATA

Page

Employment Status

A- 1: Employment status of the noninstitutional population, 1929 to date	22
A- 2: Employment status of the noninstitutional population 16 years and over by sex, 1947 to date	23
A- 3: Employment status of the noninstitutional population by sex, age, and race	24
A- 4: Labor force by sex, age, and race	26
A- 5: Employment status of black workers by sex and age	28
A- 6: Employment status of the noninstitutional population by sex, age, and race	29
A- 7: Employment status of the noninstitutional population 16-21 years of age by race and sex	29
A- 8: Full- and part-time status of the civilian labor force by sex, age, and race	30

Characteristics of the Unemployed

A- 9: Unemployed persons by sex and age	31
A-10: Unemployed persons by marital status, sex, age, and race	31
A-11: Unemployed persons by occupation of last job and sex	32
A-12: Unemployed persons by industry of last job and sex	32
A-13: Unemployed persons by reason for unemployment, sex, age, and race	33
A-14: Unemployed persons by reason for unemployment, duration, sex, and age	33
A-15: Unemployed jobseekers by the jobsearch methods used, sex, age, and race	34
A-16: Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment	34
A-17: Unemployed persons by duration of unemployment	35
A-18: Unemployed persons by duration, sex, age, race, and marital status	35
A-19: Unemployed persons by duration, occupation, and industry of last job	36

Characteristics of the Employed

A-20: Employed persons by sex and age	36
A-21: Employed persons by occupation, sex, and age	37
A-22: Employed persons by occupation, sex, and race	38
A-23: Employed persons by class of worker, age, and sex	39
A-24: Employed persons by industry and occupation	39
A-25: Employed persons with a job but not at work by reason, pay status, and sex	40
A-26: Persons at work by type of industry and hours of work	40
A-27: Persons at work 1-34 hours by usual status and reason working less than 35 hours	41
A-28: Nonagricultural workers-by industry and full- or part-time status	41
A-29: Persons at work in nonagricultural industries by full- or part-time status, sex, age, race, and marital status	42
A-30: Persons at work in nonfarm occupations by full- or part-time status and sex	43

Characteristics of 14 and 15 year-olds

A-31: Employment status of 14-15 year-olds by sex and race	44
A-32: Employed 14-15 year-olds by sex, class of worker, and occupation	44

Seasonally Adjusted Employment and Unemployment Data

A-33: Employment status of the noninstitutional population by sex and age, seasonally adjusted	45
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	46
A-36: Major unemployment indicators, seasonally adjusted	47
A-37: Unemployed persons by duration of unemployment, seasonally adjusted	47
A-38: Rates of unemployment by sex and age, seasonally adjusted	48
A-39: Unemployed persons by reason for unemployment, seasonally adjusted	48
A-40: Employed persons by sex and age, seasonally adjusted	49
A-41: Employed persons by selected social and economic categories, seasonally adjusted	50

Characteristics of Vietnam-Era Veterans and Nonveterans

A-42: Employment status of male Vietnam-era veterans and nonveterans 20 to 34 years of age	51
--	----

QUARTERLY HOUSEHOLD DATA

Page

Seasonally Adjusted Employment and Unemployment Data

A-43: Employment status of the noninstitutional population by sex, age, and race, seasonally adjusted	52
A-44: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted	53
A-45: Employment status by race, sex, and age, seasonally adjusted	54
A-46: Major unemployment indicators, seasonally adjusted	55
A-47: Unemployed persons by duration of unemployment, seasonally adjusted	56
A-48: Rates of unemployment by sex and age, seasonally adjusted	56
A-49: Unemployed persons by reason for unemployment, seasonally adjusted	57
A-50: Employed persons by sex and age, seasonally adjusted	57
A-51: Employed persons by selected social and economic categories, seasonally adjusted	58

Persons Not In Labor Force

A-52: Job desire of persons not in labor force by current activity, reasons for not seeking work, sex, and race, seasonally adjusted	59
A-53: Job desire of persons not in labor force and reasons for not seeking work by age and sex	60
A-54: Job desire of persons not in labor force and reasons for not seeking work by age, race, and sex	61
A-55: Persons not in labor force who desire work but think they cannot get jobs by age, race, sex, and detailed reason	61
A-56: Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during previous 12 months by age, race, and sex	62
A-57: Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within next 12 months by age, race, and sex	62

Persons of Spanish Origin

A-58: Employment status of the civilian noninstitutional population and the white, black, and Spanish origin components by sex and age	63
--	----

Vietnam-Era Veterans and Nonveterans Data

A-59: Employment status of male Vietnam-era veterans and nonveterans 20 to 34 years of age	64
A-60: Employment status of male Vietnam-era veterans and nonveterans 20 to 34 years by age and race	65

Metropolitan-nonmetropolitan and Poverty-nonpoverty Area Data

A-61: Employment status of the population in metropolitan-nonmetropolitan areas by sex, age, and race	66
A-62: Employment status of the population in poverty and nonpoverty areas by race	67
A-63: Unemployment rates for selected labor force groups in poverty and nonpoverty areas by sex, age, and race	67

MONTHLY ESTABLISHMENT DATA

Employment—National

B- 1: Employees on nonagricultural payrolls by industry division, 1919 to date	69
B- 2: Employees on nonagricultural payrolls, by industry	70
B- 3: Women employees on nonagricultural payrolls, by industry ¹	---
B- 4: Indexes of employment on nonagricultural payrolls, by industry division, 1919 to date, monthly data seasonally adjusted	78
B- 5: Employees on nonagricultural payrolls, by industry, seasonally adjusted	79
B- 6: Production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted	80
B- 7: Indexes of diffusion: Percent of industries in which employment increased, 1973 to date	81

¹ Monthly data in February, May, August, and November issues; annual averages in March issue.

MONTHLY ESTABLISHMENT DATA—Continued

Page

Employment—State and Area

B- 8: Employees on nonagricultural payrolls for States and selected areas, by industry division	82
---	----

Hours and Earnings—National

C- 1: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, 1955 to date.	93
C- 2: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, by industry	94
C- 3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government	108
C- 4: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry	108
C- 5: Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, in current and 1967 dollars	109
C- 6: Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers on private nonagricultural payrolls	110
C- 7: Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted	112
C- 8: Average hourly and weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted	112
C- 9: Indexes of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls by industry division and major manufacturing group, seasonally adjusted	113
C-10: Hours of wage and salary workers in nonagricultural establishments, by industry division	113
C-11: Indexes of output and compensation per hour, unit costs, and prices, private business sector, seasonally adjusted	114
C-12: Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted, at annual rate	115

Hours and Earnings—State and Area

C-13: Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas	116
---	-----

Labor Turnover—National

D- 1: Labor turnover rates in manufacturing, 1965 to date	121
D- 2: Labor turnover rates, by industry	122
D- 3: Labor turnover rates in manufacturing, 1965 to date, seasonally adjusted	126

Labor Turnover—State and Area

D- 4: Labor turnover rates in manufacturing for selected States and areas	127
---	-----

MONTHLY STATE AND AREA UNEMPLOYMENT DATA

E- 1: Labor force and unemployment by State and selected metropolitan areas	130
---	-----

MONTHLY UNEMPLOYMENT INSURANCE DATA

F- 1: Insured unemployment under State programs	135
F- 2: Insured unemployment in 150 major labor areas	136

ANNUAL AVERAGES—HOUSEHOLD DATA

Page

Labor Force, Employment and Unemployment

1: Employment status of the noninstitutional population by sex, age, and race	138
2: Labor force by sex, age, and race	140
3: Employment status of black workers by sex and age	142
4: Employment status of the noninstitutional population by sex, age, and race	143
5: Employment status of the noninstitutional population 16-21 years of age by race and sex	143
6: Full- and part-time status of the civilian labor force by sex, age, and race	144
7: Unemployed persons by sex and age	145
8: Unemployed persons by marital status, sex, age, and race	145
9: Unemployed persons by occupation of last job and sex	146
10: Unemployed persons by industry of last job and sex	146
11: Unemployed persons by reason for unemployment, sex, age, and race	147
12: Unemployed persons by reason for unemployment, duration, sex, and age	147
13: Unemployed jobseekers by the jobsearch methods used, sex, age, and race	148
14: Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment	148
15: Unemployed persons by duration of unemployment	149
16: Unemployed persons by duration, sex, age, race, and marital status	149
17: Unemployed persons by duration, occupation, and industry of last job	150
18: Employed persons by sex and age	150
19: Employed persons by occupation, sex, and age	151
20: Employed persons by occupation, sex, and race	152
21: Employed persons by class of worker, age, and sex	153
22: Employed persons by industry and occupation	153
23: Employed persons in nonagricultural industries by class of worker and sex	154
24: Employed persons by industry, occupation, and sex	155
25: Employed persons by industry, occupation, and race	156
26: Employed persons in nonagricultural industries by sex, age, and race	157
27: Employed persons with a job but not at work by reason, pay status, and sex	158
28: Persons at work by type of industry and hours of work	158
29: Persons at work 1-34 hours by usual status and reason for working less than 35 hours	159
30: Nonagricultural workers by industry and full- or part-time status	159
31: Persons at work in nonagricultural industries by full- or part-time status, sex, age, race, and marital status	160
32: Persons at work in nonfarm occupations by full- or part-time status and sex	161
33: Employment status of 14-15 year-olds by sex and race	162
34: Employed 14-15 year-olds by sex, class of worker, and occupation	162
35: Job desire of persons not in labor force and reasons for not seeking work by age and sex	163
36: Job desire of persons not in labor force and reasons for not seeking work by age, race, and sex	164
37: Persons not in labor force who desire work but think they cannot get jobs by age, race, sex, and detailed reason	164
38: Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during previous 12 months by age, race, and sex	165
39: Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within next 12 months by age, race, and sex	165
40: Employment status of the civilian noninstitutional population and the white, black, and Spanish origin components by sex and age	166
41: Employment status of male Vietnam-era veterans and nonveterans by age and race	167
42: Employment status of the population in metropolitan and nonmetropolitan areas by sex, age, and race	168
43: Employment status of the population in poverty and nonpoverty areas by race	169
44: Unemployment rates for selected labor force groups in poverty and nonpoverty areas by sex, age, and race	169

ANNUAL AVERAGES—ESTABLISHMENT DATA

Employment, Hours and Earnings by Industry

1: Employees on nonagricultural payrolls, by industry	170
2: Production or nonsupervisory workers on private nonagricultural payrolls, by industry	171
3: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, by industry	172

Employment and Unemployment Developments, December 1976

Employment rose in December and unemployment declined. The unemployment rate was 7.9 percent, down from 8.1 percent in November and similar to rates prevailing over the July-October period.

Total employment—as measured by the monthly survey of households—rose by 220,000 to a new high of 88.4 million. After holding about steady from July to October, total employment advances in November and December have amounted to nearly 600,000.

Nonfarm payroll employment—as measured by the monthly survey of establishments—rose by nearly 260,000 in December to 80.0 million. Gains over the past 2 months have totaled nearly 500,000.

Unemployment

The number of persons unemployed fell by 210,000 in December to 7.6 million, seasonally adjusted, following an increase of nearly the same magnitude in the previous month. As a result, the unemployment rate returned to its October level of 7.9 percent, after rising to 8.1 percent in November. The average duration of unemployment was little changed in December at 15.7 weeks.

The over-the-month reduction took place almost entirely among adult men; their jobless rate fell 0.3 percentage point to 6.2 percent, as many left the labor force. This movement was paralleled by declines in unemployment among male household heads and married men. White workers also showed an improvement in unemployment, with their rate falling from 7.4 to 7.1 percent in December. The jobless rates for the other major demographic groups—adult women, teenagers, and blacks—have remained stable over the October-December period.

Contributing to the over-the-month decline in unemployment were decreases in both the number of job losers and persons reentering the labor force. The job-loser total stood at 3.7 million, the lowest level since last June.

Along with the reduction in total joblessness, there was also a drop in the number of persons working part time involuntarily. The 200,000 reduction, to 3.4 million, represented the first substantial decrease since last June.

Total employment and the labor force

Total employment rose by 220,000 in December to 88.4 million, seasonally adjusted. This followed an even

larger increase in the previous month, and, as in November, December's gain was concentrated among adult women. Since the March 1975 recession low, total employment has grown by 4.2 million, with nearly 3 million of the gain occurring over the past year alone.

The civilian labor force was virtually unchanged in December at 95.9 million, as the gain in employment was matched by a decline in unemployment. Since last December, the labor force has expanded by 2.8 million workers, including 1.5 million adult women, 1.1 million adult men, and nearly 200,000 teenagers.

The civilian labor force participation rate—the proportion of the civilian population either working or looking for work—rose from 61.1 to 61.9 percent over the year. The continued growth in the number of women participating in the labor market has accounted for most of this increase.

Discouraged workers

Discouraged workers are persons who report that they want work but are not looking for jobs because they believe they cannot find any. Because they do not meet the labor market test—that is, they are not engaged in active job search—they are classified as not in the labor force rather than as unemployed. These data are published on a quarterly basis.

Consistent with the rise in unemployment in the fourth quarter, the number of discouraged workers also increased, halting a downtrend evident since late 1975. Discouragement averaged about 1 million persons during the quarter, the same level held a year earlier. (See table A-52.) About 800,000 (four-fifths) of the discouraged workers indicated job-market factors as their reason for not seeking work.

Industry payroll employment

Total nonagricultural payroll employment increased by 255,000 in December to 80.0 million, seasonally adjusted. Payroll employment has grown by 2.2 million since December a year ago and 3.5 million from the June 1975 low. Over-the-month gains occurred in 63 percent of the industries that comprise the BLS diffusion index of nonagricultural payroll employment.

In the service-producing sector, strong employment gains took place in trade (100,000) and services (55,000),

while there were increases of about 25,000 each in government; finance, insurance, and real estate; and transportation and public utilities. Much of the job pickup in transportation stemmed from the settlement of the United Parcel Service strike. Over the past year, three-fourths of the increase in payroll employment has occurred in the service-producing sector.

In manufacturing, employment rose slightly, all of it in the durable goods industries. Most of the rise in durables occurred in three industries: fabricated metal products, electrical equipment, and transportation equipment. In nondurable goods, changes were small and generally offsetting. Elsewhere in the goods-producing sector, there were no substantive changes in either contract construction or mining.

Hours

The average workweek for private nonagricultural production or nonsupervisory workers edged up to 36.3 hours in December, seasonally adjusted. This marked the third consecutive monthly increase of 0.1 hour for this series. The workweek was about equal to the level prevailing a year ago. The manufacturing workweek was unchanged at 40.1 hours, while overtime edged up 0.1 hour to 3.2 hours in December. These indicators were respectively 1.2 and 0.9 hour above recession lows posted in early 1975.

Reflecting increases in both employment and average hours, the index of aggregate hours of private nonagricul-

tural production or nonsupervisory workers rose substantially to 112.4 in December (1967=100). The index increased by 2.8 percent over the past year and 5.9 percent from its spring 1975 low. The factory index was 94.6, only slightly above its November level; it was 9.2 percent above its March 1975 recession low.

Hourly and weekly earnings

Average hourly earnings of private nonagricultural production or nonsupervisory workers increased 0.4 percent over the month, seasonally adjusted. Average weekly earnings rose 0.7 percent in December, as a result of higher hourly earnings combined with a slightly longer workweek.

Before adjustment for seasonality, average hourly earnings were \$5.01, up 1 cent from November. Average weekly earnings increased \$1.86 over the month to \$182.36.

The hourly earnings index

The Hourly Earnings Index—earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries—was 190.0 (1967=100) in December, 0.4 percent higher than in November. The index was 6.7 percent above December a year ago. During the 12-month period ended in November, the Hourly Earnings Index in dollars of constant purchasing power rose 1.6 percent.

Table 1. Employed persons in selected occupations, 1976 annual averages

(Numbers in thousands)

Occupations	Total employed	Percent distribution		Occupations	Total employed	Percent distribution	
		Female	Black and other			Female	Black and other
Total	87,485	40.1	10.8	White-collar workers—Continued			
White-collar workers	43,700	50.7	7.5	Managers and administrators—Continued			
Professional and technical	13,329	42.0	8.3	Managers and superintendents, building	149	50.3	6.7
Accountants	866	26.9	6.6	Office managers, n.e.c.	327	55.4	2.4
Architects	63	3.2	4.8	Officials and administrators, public administration n.e.c.	367	24.0	9.3
Computer specialists	387	19.1	6.5	Officials of lodges, societies and unions	126	27.0	6.3
Computer programmers	229	22.3	8.3	Restaurant, cafeteria and bar managers	505	35.0	7.9
Computer systems analysts	137	15.3	3.6	Sales managers and department heads, retail trade	322	35.4	4.0
Engineers	1,190	1.8	5.5	Sales managers, except retail trade	305	4.6	2.3
Aeronautical and astronautical engineers	51	--	3.9	School administrators, college	115	33.0	7.8
Civil engineers	155	1.3	6.5	School administrators, elementary and secondary	282	32.6	8.2
Electrical and electronic engineers	300	2.0	5.0	All other managers and administrators	5,566	14.4	3.6
Industrial engineers	201	4.5	2.0	Sales workers	5,497	42.9	4.2
Mechanical engineers	200	.5	7.0	Advertising agents and sales workers	88	22.7	2.3
Lawyers and judges	413	9.2	3.4	Demonstrators	92	91.3	5.4
Lawyers	396	9.3	3.3	Hucksters and peddlers	176	73.9	5.1
Librarians, archivists, and curators	192	80.7	7.3	Insurance agents, brokers, and underwriters	489	16.4	4.5
Librarians	182	82.4	7.7	Newspaper carriers and vendors	98	27.6	4.1
Life and physical scientists	282	12.1	6.0	Real estate agents and brokers	451	41.2	2.7
Biological scientists	51	23.5	11.8	Stock and bond sales agents	91	12.1	1.1
Chemists	123	11.4	7.3	Sales workers and sales clerks, n.e.c.	4,008	45.4	4.4
Operations and systems researchers and analysts	130	14.6	4.6	Sales representatives, manufacturing industries	347	10.4	2.6
Personnel and labor relations workers	335	39.7	9.0	Sales representatives, wholesale trade	808	7.3	2.7
Physicians, dentists and related practitioners	671	10.9	7.2	Sales clerks, retail trade	2,277	70.7	5.4
Dentists	107	1.9	2.8	Sales workers, except clerks, retail trade	446	15.9	4.0
Pharmacists	123	16.3	6.5	Sales workers, services and construction	130	33.8	4.6
Physicians, medical and osteopathic	368	12.8	9.5	Clerical workers	15,558	78.7	9.8
Nurses, dietitians, and therapists	1,203	92.6	10.8	Bank tellers	371	91.1	6.7
Registered nurses	999	96.6	10.8	Billing clerks	139	87.1	6.5
Therapists	159	67.3	8.2	Bookkeepers	1,688	90.0	4.1
Health technologists and technicians	436	72.9	13.1	Cashiers	1,256	87.7	9.2
Clinical laboratory technologists and technicians	192	74.5	16.7	Clerical supervisors, n.e.c.	237	67.1	10.5
Radiologic technologists and technicians	80	68.8	10.0	Collectors, bill and account	64	51.6	7.8
Religious workers	328	13.1	7.6	Counter clerks, except food	354	75.4	8.5
Social scientists	201	24.4	7.0	Dispatchers and starters, vehicle	88	21.6	9.1
Economists	104	14.4	8.7	Estimators and investigators, n.e.c.	416	48.6	8.7
Psychologists	70	41.4	5.7	Expeditors and production controllers	207	30.0	9.2
Social and recreation workers	447	60.4	19.9	File clerks	269	85.5	20.4
Social workers	328	61.6	21.3	Insurance adjusters, examiners, and investigators	156	51.3	10.3
Recreation workers	119	57.1	15.1	Library attendants and assistants	141	81.6	14.2
Teachers, college and university	537	31.3	7.8	Mail carriers, post office	242	9.1	12.4
Teachers, except college and university	3,099	70.9	9.7	Mail handlers, except post office	138	50.7	20.3
Adult education teachers	56	41.1	10.7	Messengers and office helpers	81	29.6	16.0
Elementary school teachers	1,383	84.8	11.1	Office machine operators	726	73.7	14.6
Prekindergarten and kindergarten teachers	228	98.2	14.9	Bookkeeping and billing machine operators	48	93.8	8.3
Secondary school teachers	1,188	50.5	7.8	Computer and peripheral equipment operators	287	52.6	11.8
Teachers except college and university, n.e.c.	245	73.1	5.3	Key punch operators	276	93.5	18.1
Engineering and science technicians	897	13.6	7.1	Payroll and timekeeping clerks	208	73.6	7.2
Chemical technicians	77	11.7	10.4	Postal clerks	287	31.7	26.5
Drafters	292	12.3	7.9	Receptionists	502	96.2	8.2
Electrical and electronic engineering technicians	197	9.6	8.6	Secretaries	3,385	99.0	5.7
Surveyors	69	1.4	--	Secretaries, legal	140	98.6	1.4
Technicians, except health, engineering and science	183	13.7	7.1	Secretaries, medical	86	100.0	5.8
Airplane pilots	64	--	1.6	Secretaries, n.e.c.	3,158	99.1	5.9
Vocational and educational counselors	173	48.6	14.5	Shipping and receiving clerks	440	17.3	13.2
Writers, artists, and entertainers	1,099	34.7	5.0	Statistical clerks	337	75.4	12.5
Athletes and kindred workers	96	36.5	4.2	Stenographers	100	89.0	10.0
Designers	142	21.8	3.5	Stock clerks and storekeepers	492	29.1	12.4
Editors and reporters	183	45.9	6.0	Teachers aides, except school monitors	320	90.9	19.4
Musicians and composers	150	33.3	9.3	Telephone operators	339	94.4	13.9
Painters and sculptors	153	45.1	2.6	Ticket, station and express agents	124	42.7	11.3
Photographers	87	16.1	4.6	Typists	983	96.7	13.9
Public relations specialists and publicity writers	115	28.7	3.5	All other clerical workers	1,468	74.4	10.7
Research workers not specified	96	31.3	8.3	Blue-collar workers	28,958	17.6	12.3
All other professional and technical workers	101	18.8	4.0	Craft and kindred workers	11,278	4.8	7.3
Managers and administrators, except farm	9,315	20.8	4.5	Carpenters	1,021	.7	5.0
Bank officials and financial managers	546	24.7	4.6	Brickmasons and stonemasons	177	--	15.3
Buyers and purchasing agents	376	23.7	4.3	Cement and concrete finishers	71	--	31.0
Buyers, wholesale and retail trade	157	31.8	5.1	Electricians	572	.3	5.1
Credit and collection managers	53	39.6	5.7	Excavating, grading, and road machinery operators	418	.5	7.9
Health administrators	162	45.1	6.8	Painters, construction and maintenance	413	2.9	9.0
Inspectors, except construction and public administration	114	8.8	8.8				

Table 1. Employed persons in selected occupations, 1976 annual averages—Continued

(Numbers in thousands)

Occupations	Total employed	Percent distribution		Occupations	Total employed	Percent distribution	
		Females	Black and other			Females	Black and other
Blue-collar workers—Continued				Blue-collar workers—Continued			
Craft and kindred workers—Continued				Operatives, except transport—Continued			
Plumbers and pipefitters	400	0.8	6.8	Shoemaking machine operatives	73	68.5	8.2
Structural metal craft workers	71	--	5.6	Furnace tenders and stokers, except metal	73	--	8.2
Roofers and slaters	89	--	10.1	Textile operatives	377	57.0	22.0
Blue-collar worker supervisors, n.e.c.	1,443	8.3	6.6	Spinners, twistors, and winders	152	65.8	27.0
Machinists and job setters	570	2.5	7.5	Welders and flame cutters	659	5.2	11.2
Job and die setters, metal	92	2.2	13.0	Winding operatives, n.e.c.	57	54.4	12.3
Machinists	478	2.5	6.5	All other operatives, except transport	2,839	32.4	14.7
Metal craft workers, excluding mechanics, machinists, and job setters	629	3.2	7.0	Transport equipment operatives	3,271	6.4	14.3
Millwrights	96	--	4.2	Busdrivers	332	39.5	15.4
Molders, metal	55	14.5	18.2	Delivery and route workers	521	5.4	7.1
Sheetmetal workers and tinsmiths	145	2.1	6.9	Fork lift and tow motor operatives	356	3.1	23.3
Tool and die makers	188	2.1	2.1	Railroad switch operators	52	--	7.7
Mechanics, automobiles	1,124	.6	7.9	Taxicab drivers and chauffeurs	164	8.5	23.8
Automobile body repairers	174	--	7.5	Truck drivers	1,741	1.2	13.7
Mechanics, automobiles	949	.6	8.0	All other transport equipment operatives	105	2.9	14.3
Mechanics, except automobiles	1,853	1.3	6.6	Nonfarm laborers	4,325	9.3	18.2
Airconditioning, heating, and refrigeration mechanics	178	.6	4.5	Animal caretakers	93	44.1	9.7
Aircraft mechanics	110	.9	7.3	Construction laborers including carpenters' helpers	790	1.6	18.7
Data processing machine repairers	50	2.0	8.0	Freight and material handlers	747	8.7	20.5
Farm implement mechanics	67	--	7.5	Garbage collectors	77	--	44.2
Heavy equipment mechanics, including diesel	833	1.1	7.0	Gardeners and groundkeepers, except farm	615	3.7	17.7
Household appliances and accessory installers and mechanics	144	2.1	5.6	Timber cutting and logging workers	96	1.0	24.0
Office machine repairers	58	1.7	5.2	Stockhandlers	828	21.9	11.2
Radio and television repairers	114	3.5	7.0	Vehicle washers and equipment cleaners	186	12.4	26.9
Railroad and car shop mechanics	51	--	7.8	Warehouse laborers, n.e.c.	223	4.5	13.5
Printing craft workers	380	19.2	7.6	All other nonfarm laborers	670	6.9	20.9
Compositors and typesetters	152	24.3	7.9	Service workers	12,005	61.5	20.0
Printing press operators	149	9.4	8.1	Private households	1,125	97.3	37.1
Bakers	137	37.2	17.5	Child care workers	429	98.1	8.2
Cabinetmakers	78	2.6	9.0	Cleaners and servants	553	97.1	59.1
Carpet installers	70	--	4.3	Housekeepers	109	96.3	34.9
Crane, derrick, and hoist operators	167	1.2	15.0	Service workers, except private households	10,880	57.8	18.2
Decorators and window dressers	109	70.6	3.7	Cleaning workers	2,284	33.5	29.2
Electric power line and cable installers and repairers	110	.9	4.5	Lodging quarters cleaners	181	96.7	46.4
Inspectors, n.e.c.	151	4.0	6.6	Building interior cleaners, n.e.c.	785	53.1	31.7
Locomotive engineers	47	--	8.5	Janitors and sextons	1,318	13.1	25.4
Stationery engineers	194	.5	7.2	Food service workers	3,919	68.7	14.1
Tailors	53	32.1	15.1	Bartenders	261	36.8	7.3
Telephone installers and repairers	282	5.0	6.4	Waiters' assistants	191	20.4	11.5
Telephone line installers and repairers	65	1.5	4.6	Cooks	1,065	57.3	21.4
Upholsterers	70	28.6	8.6	Dishwashers	251	33.1	18.3
All other craft workers	514	13.2	6.6	Food counter and fountain workers	421	85.5	10.0
Operatives, except transport	10,085	39.2	14.7	Waiters	1,259	90.7	7.6
Assemblers	1,088	49.4	15.7	Food service workers, n.e.c.	471	76.9	21.2
Checkers, examiners, and inspectors, manufacturing	654	51.7	10.4	Health service workers	1,745	86.2	23.4
Clothing ironers and pressers	155	69.0	36.8	Dental assistants	122	98.4	4.1
Cutting operatives, n.e.c.	237	29.5	16.5	Health aides and trainees, excluding nursing	240	84.2	20.4
Dressmakers and seamstresses, excluding factory	125	96.8	12.0	Nursing aides, orderlies, and attendants	1,002	86.8	26.4
Drillers, earth	54	1.9	1.9	Practical nurses	381	97.4	23.1
Dry wall installers and lathers	64	--	4.7	Personal service workers	1,631	72.8	12.9
Filers, polishers, sanders, and buffers	115	23.5	13.9	Attendants	288	50.7	10.1
Furnace tenders, smelters, and pourers, metal	73	2.7	26.0	Barbers	124	7.3	16.1
Garage workers and gas station attendants	448	5.6	8.5	Child care workers	381	79.8	13.4
Laundry and dry cleaning operatives, n.e.c.	166	67.5	26.5	Hairdressers and cosmetologists	534	88.0	7.3
Meat cutters and butchers, excluding manufacturing	215	5.6	9.8	Housekeepers, excluding private households	121	71.1	19.8
Meat cutters and butchers, manufacturing	87	29.9	18.4	Welfare service aides	59	86.4	37.3
Mine operatives, n.e.c.	187	1.1	4.8	Protective service workers	1,302	6.4	11.1
Mixing operatives	87	2.3	17.2	Fire fighters	212	--	5.2
Packers and wrappers, excluding meat and produce	591	63.3	15.9	Guards	497	7.0	15.3
Painters, manufactured articles	137	19.0	12.4	Police	487	3.7	9.2
Photographic process workers	75	50.7	17.3	Sheriffs and bailiffs	57	3.5	8.8
Precision machine operatives	353	11.6	9.1	Farm workers	2,822	16.2	7.8
Drill press operatives	65	26.2	10.8	Farm and farm managers	1,514	6.0	3.0
Grinding machine operatives	133	6.0	12.0	Farmers (owners and tenants)	1,489	6.0	3.1
Lathe and milling machine operatives	106	7.5	5.7	Farm laborers and supervisors	1,309	28.0	13.4
Punch and stamping-press operatives	155	32.9	14.2	Farm laborers, wage workers	942	16.2	16.7
Sawyers	129	6.2	20.2	Farm laborers, unpaid family workers	326	65.3	4.6
Sewers and stitchers	812	95.9	18.6				

NOTE: N.E.C. is an abbreviation for "not elsewhere classified" and designates broad categories of occupations which cannot be more specifically identified.

CHARTS

Page

1.	Labor force and employment, 1957-76	10
2.	Major unemployment indicators, 1957-76	11
3.	Civilian labor force participation rates by sex and age, 1957-76	11
4.	Total employment by sex and age, 1957-76	12
5.	Employment-population ratios by sex and age, 1957-76	13
6.	Payroll employment in goods- and service-producing industries, 1957-76	13
7.	Nonagricultural payroll employment by industry, 1957-76	14
8.	Persons at work full and part time in nonagricultural industries, 1957-76	15
9.	Employment in nonfarm occupations, 1958-76	16
10.	Unemployment rates by sex and age, 1957-76	17
11.	Unemployment rates by race, 1957-76	17
12.	Unemployment rates by major occupational groups, 1958-76	18
13.	Duration of unemployment, 1957-76	19
14.	Average weekly hours in nonagricultural industries, 1957-76	20
15.	Average weekly earnings in nonagricultural industries, 1957-76	20
16.	Total private gross and spendable weekly earnings, 1957-76	21
17.	Labor turnover rates in manufacturing, 1957-76	21

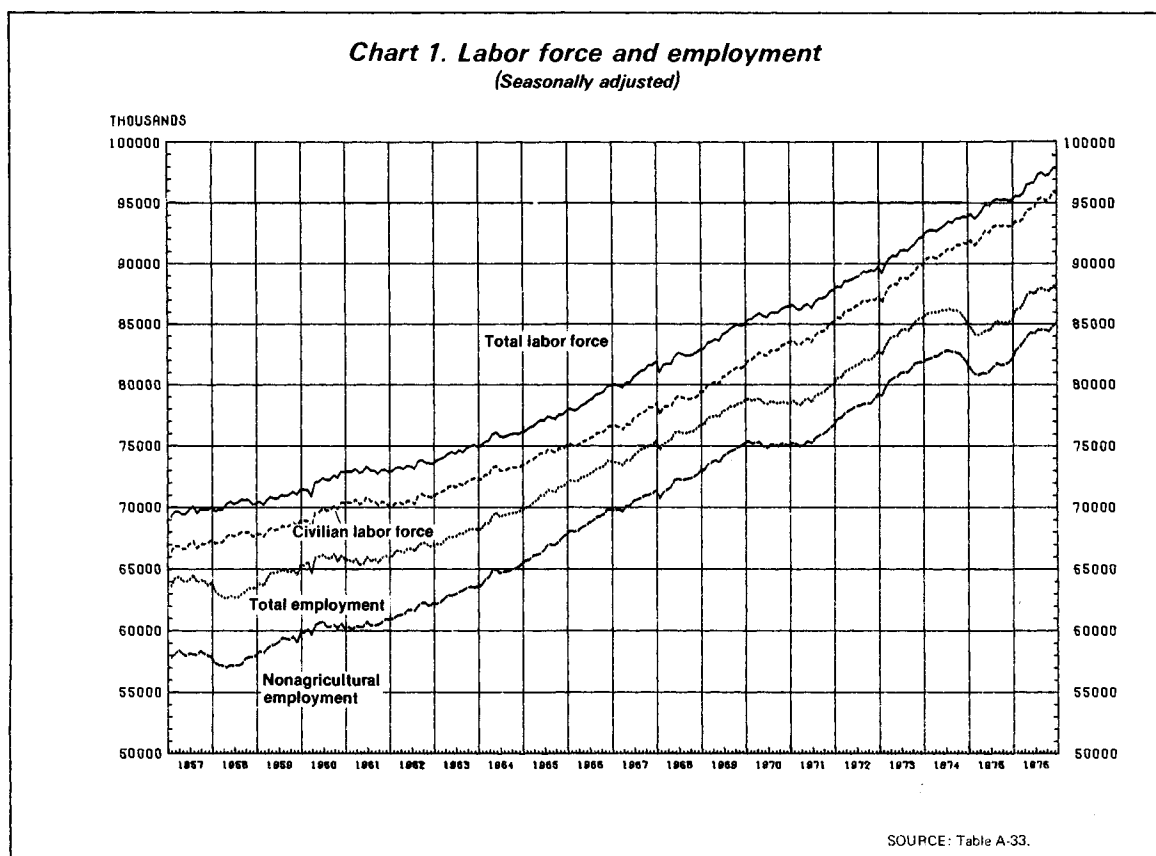
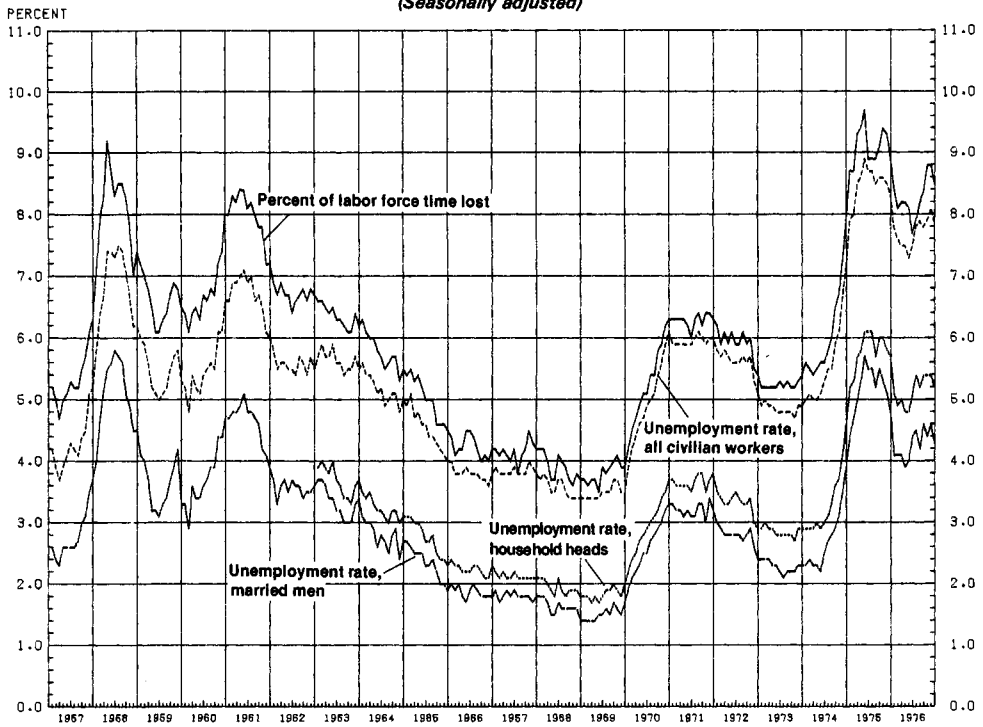
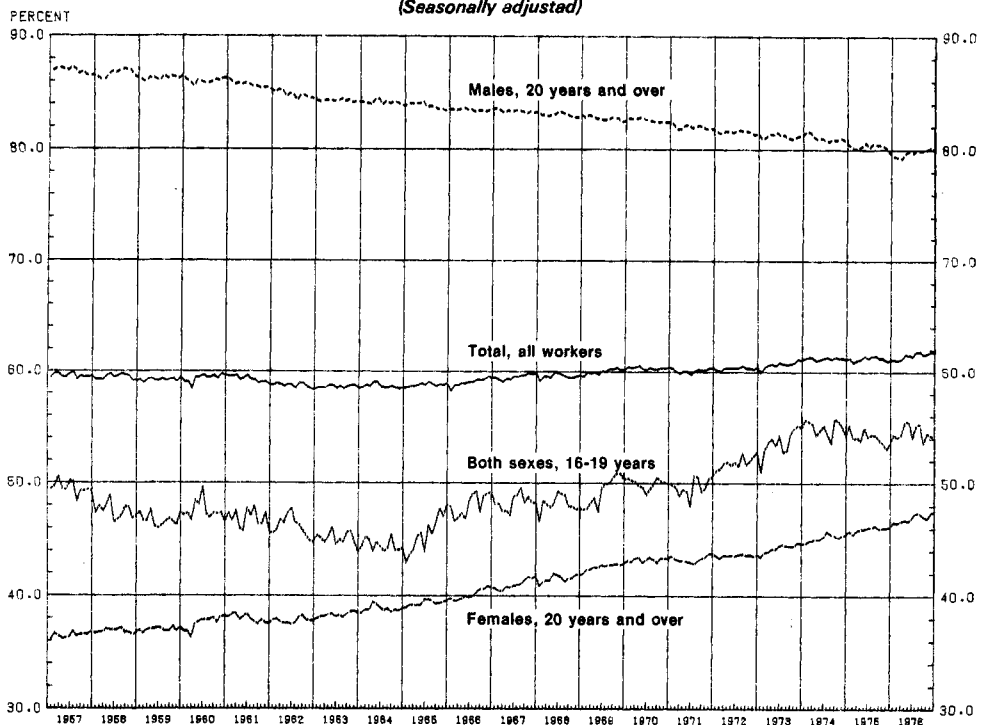


Chart 2. Major unemployment indicators
(Seasonally adjusted)



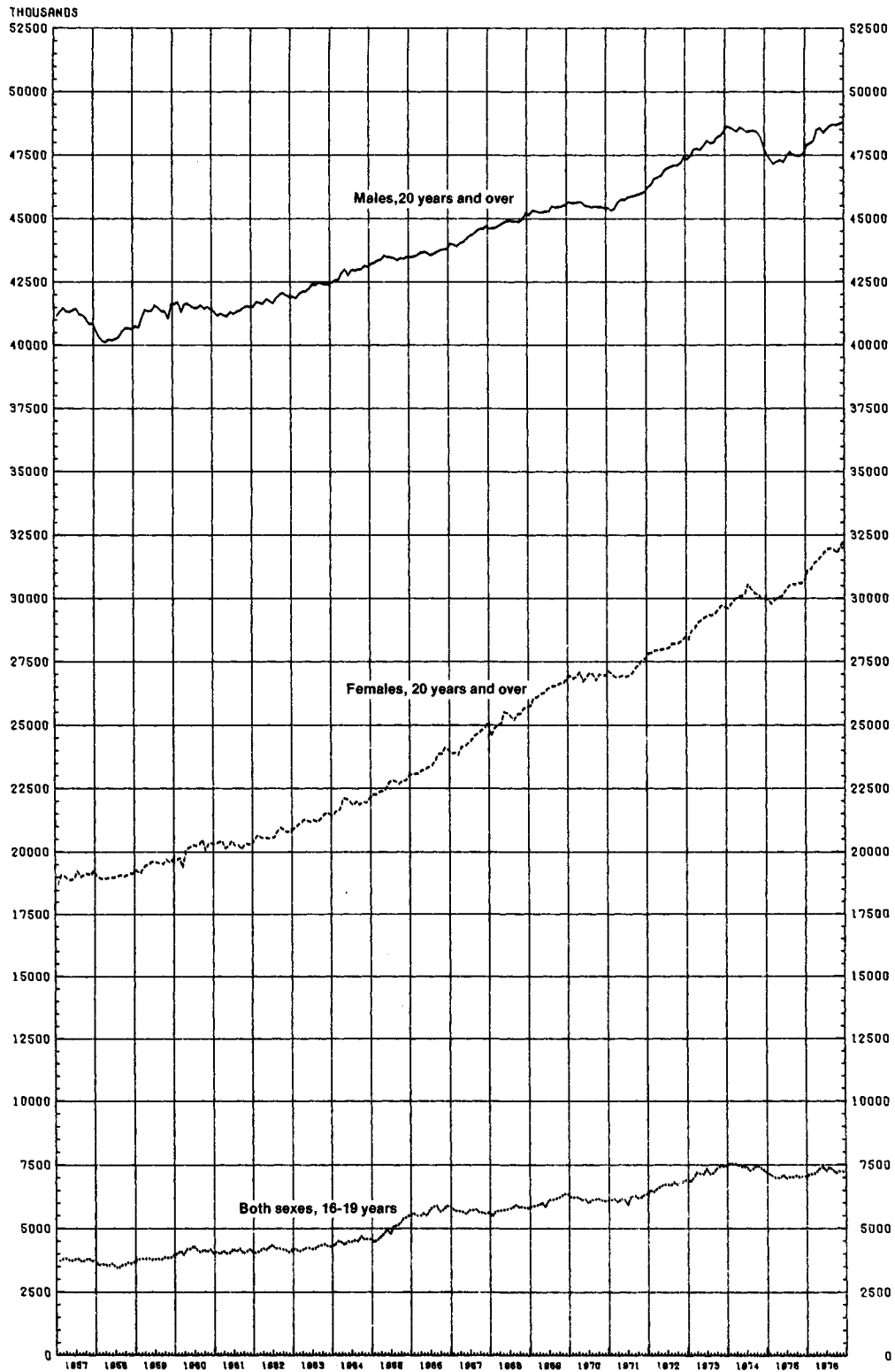
SOURCE: Table A-36.

Chart 3. Civilian labor force participation rates by sex and age
(Seasonally adjusted)



SOURCE: Table A-33.

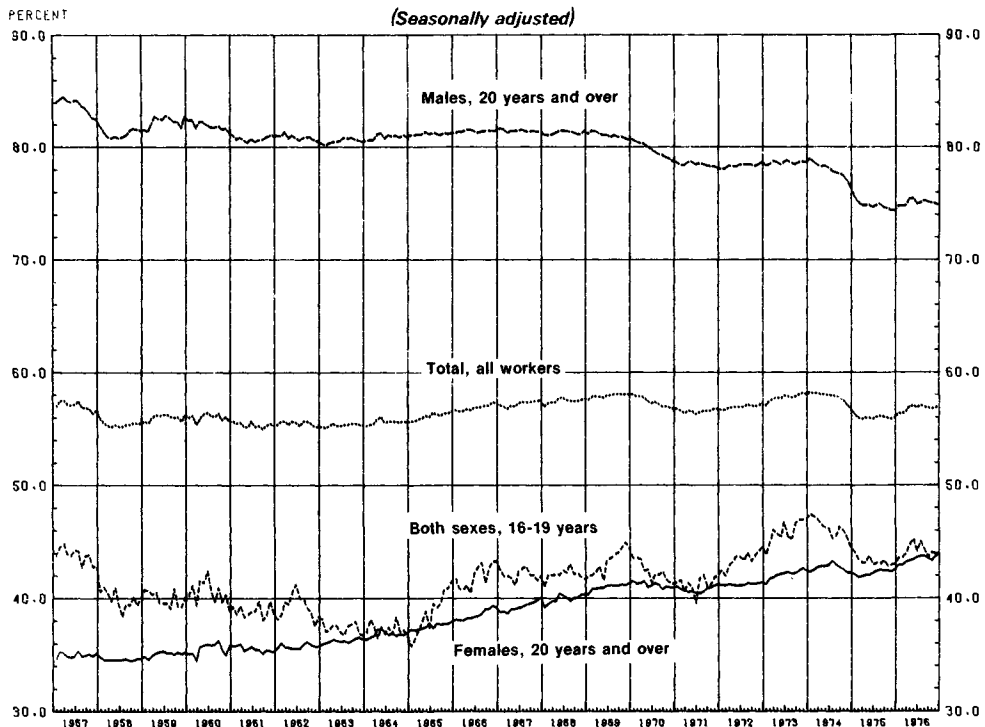
Chart 4. Total employment by sex and age
(Seasonally adjusted)



SOURCE: Table A-33.

Chart 5. Employment—population ratios by sex and age

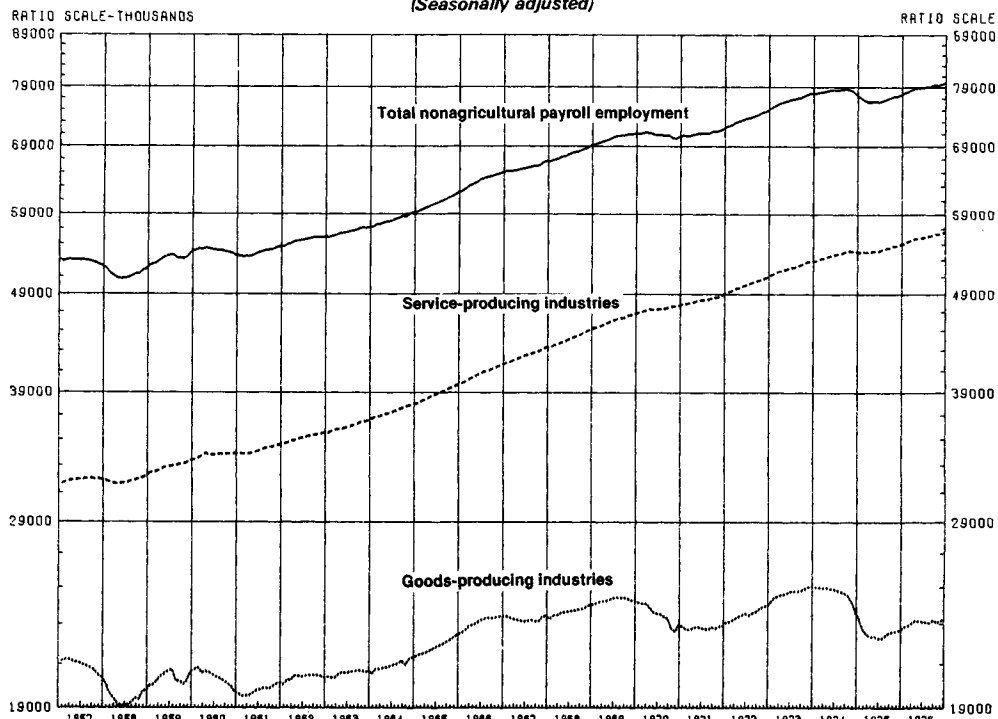
(Seasonally adjusted)



SOURCE: Table A-33.

Chart 6. Payroll employment in goods- and service-producing industries

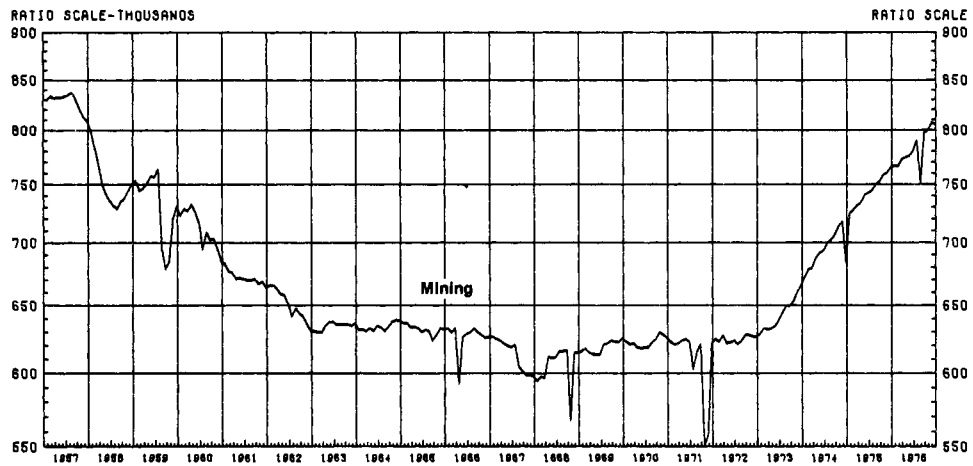
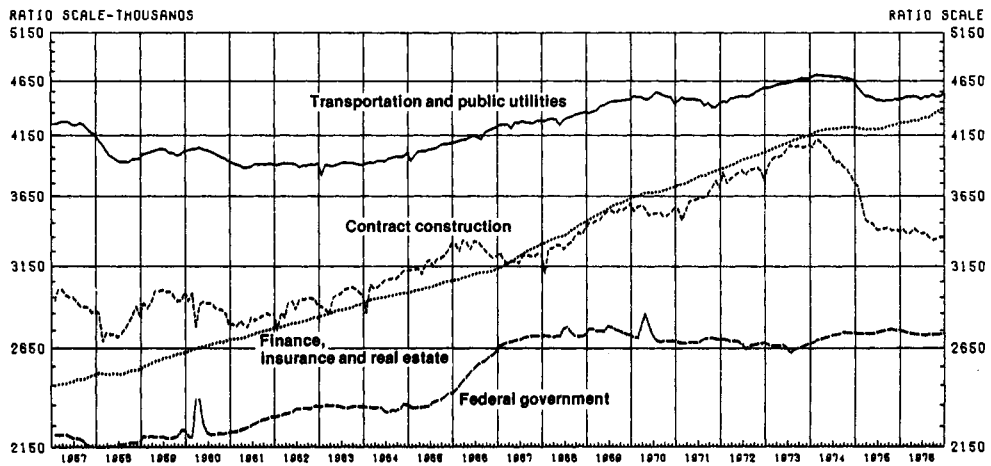
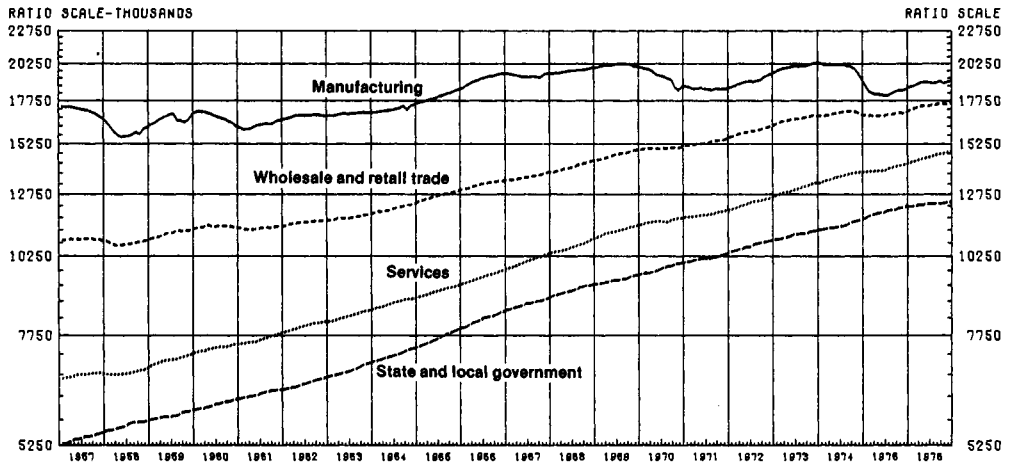
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

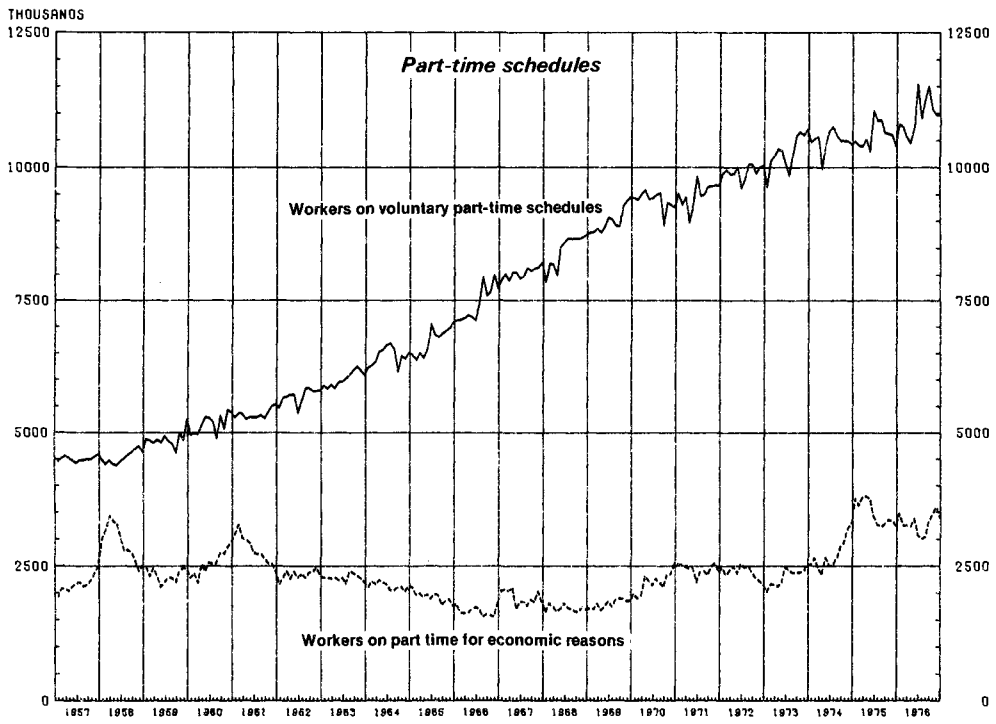
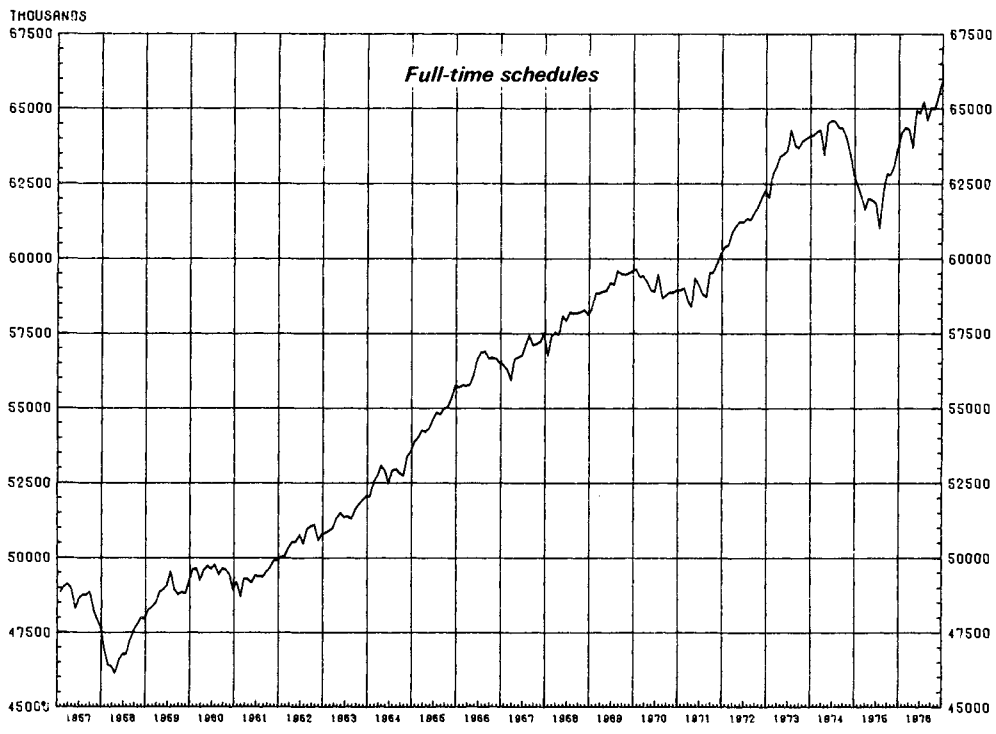
Chart 7. Nonagricultural payroll employment by industry
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

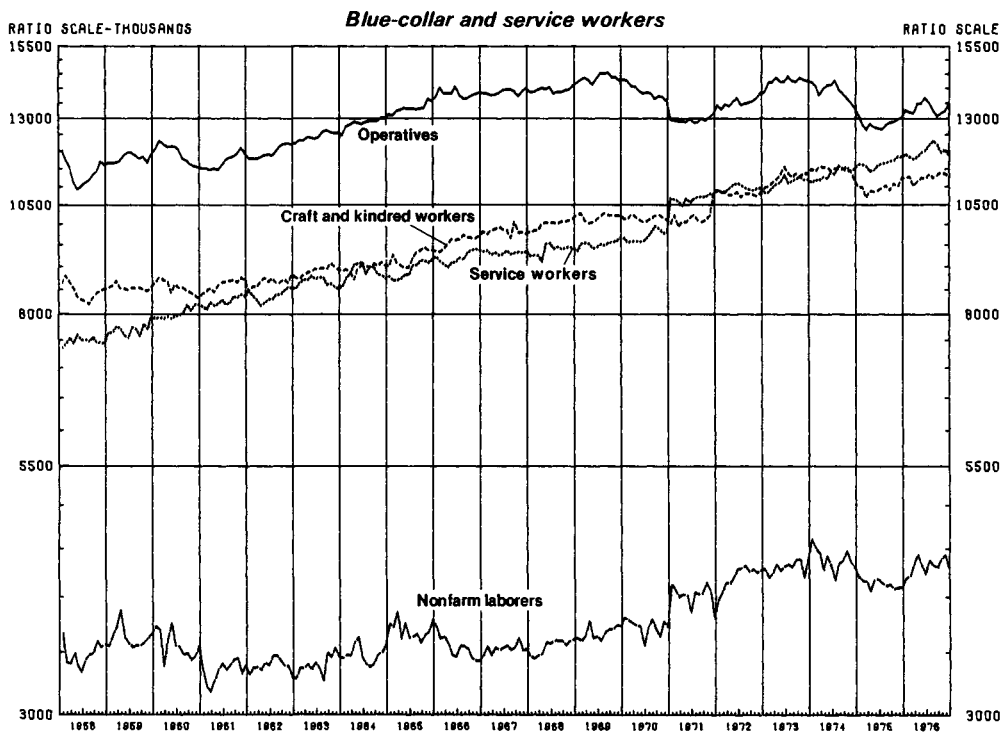
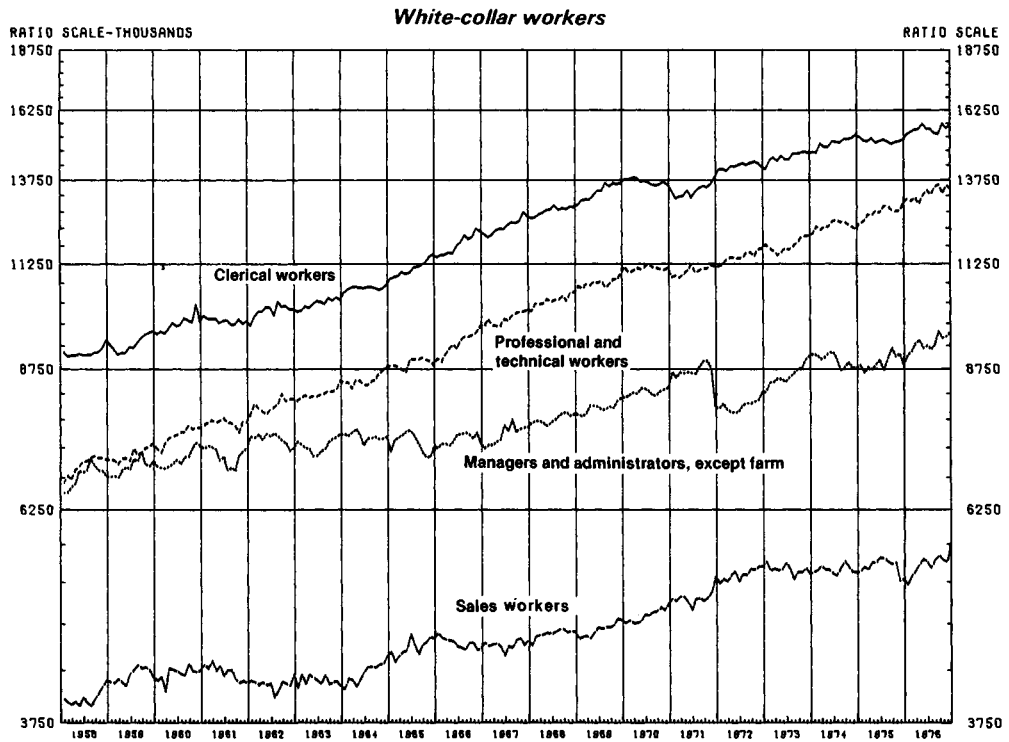
**Chart 8. Persons at work full and part time
in nonagricultural industries**
(Seasonally adjusted)



SOURCE: Table A-41.

Chart 9. Employment in nonfarm occupations

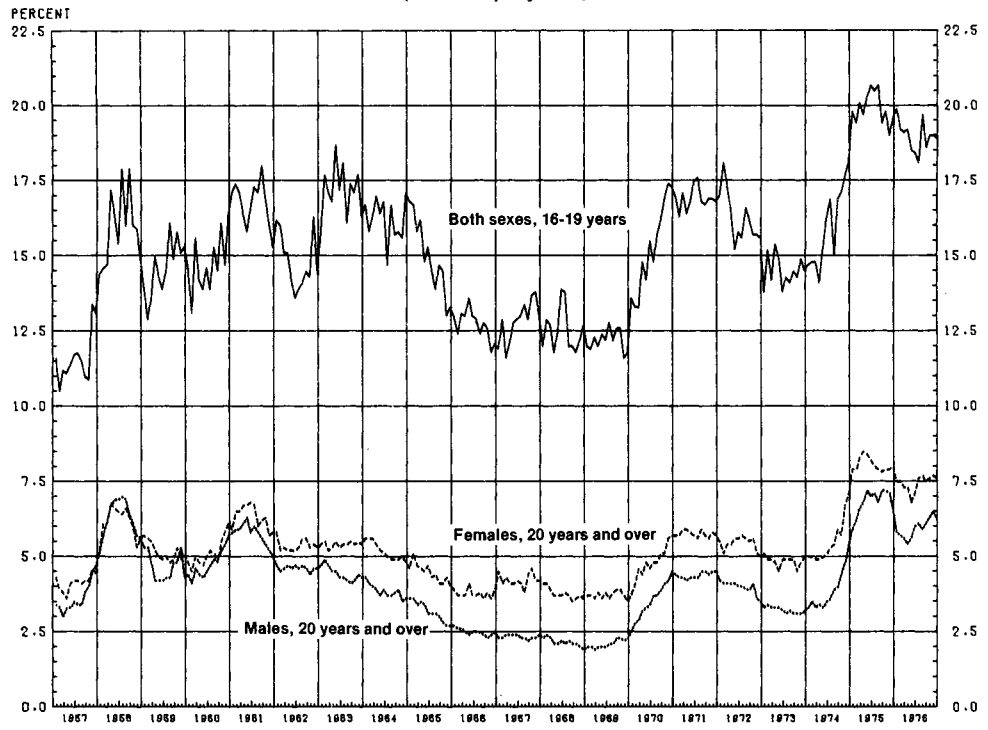
(Seasonally adjusted)



NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

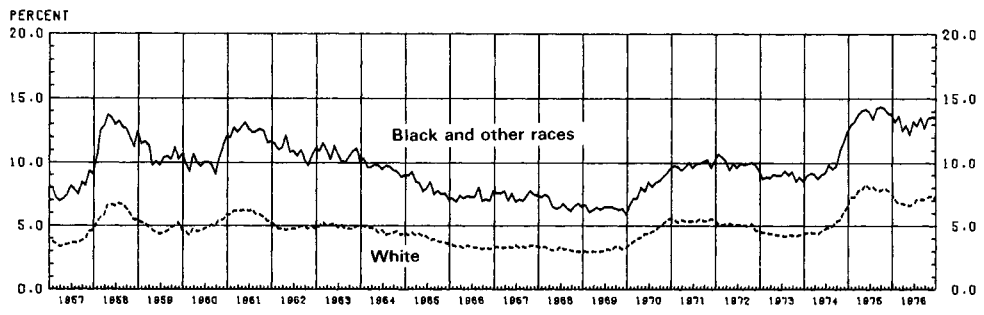
SOURCE: Table A-41.

Chart 10. Unemployment rates by sex and age
(Seasonally adjusted)

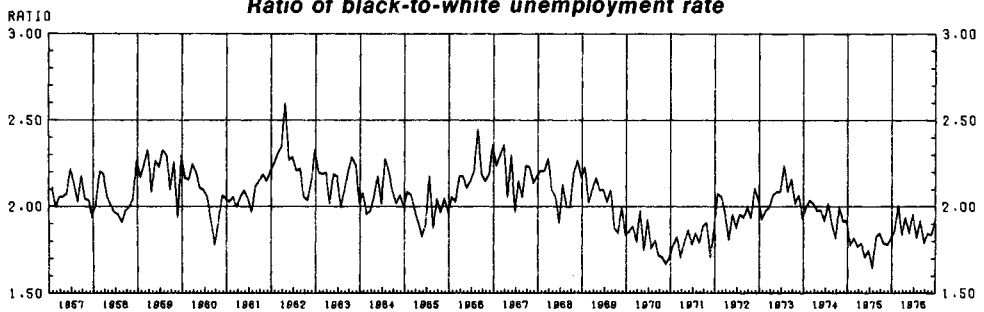


SOURCE: Table A-36.

Chart 11. Unemployment rates by race
(Seasonally adjusted)

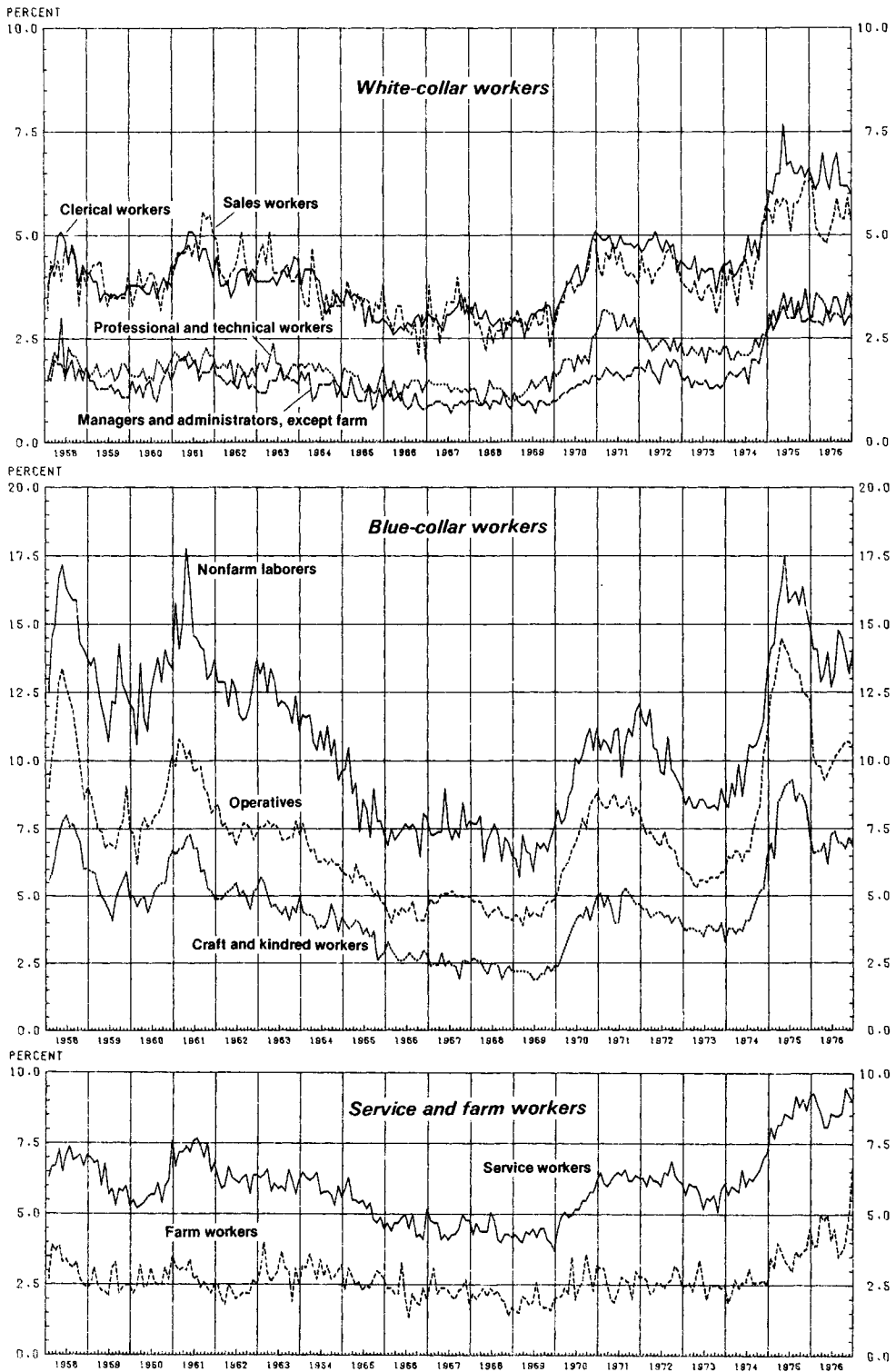


Ratio of black-to-white unemployment rate



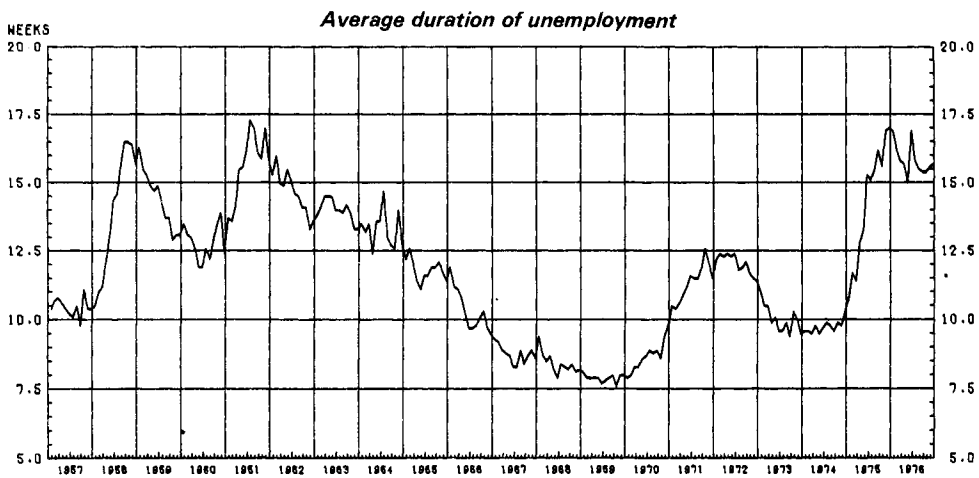
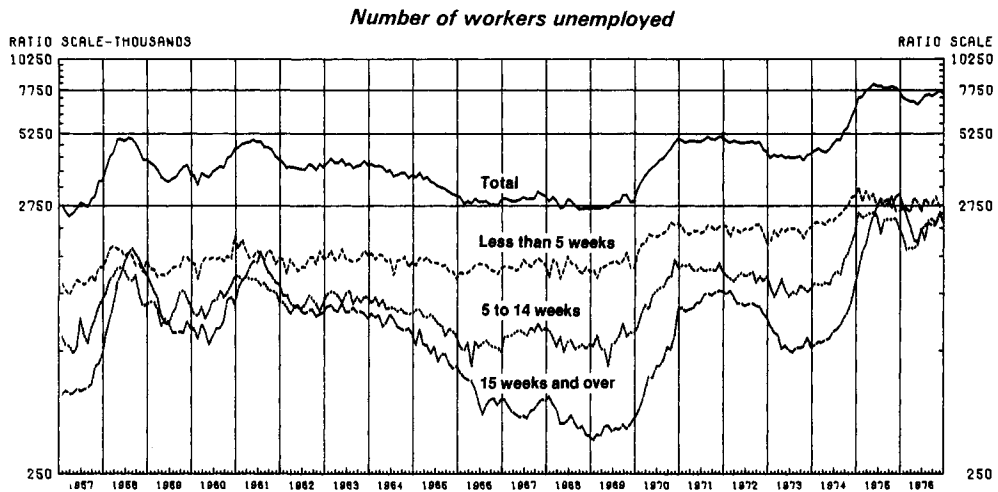
SOURCE: Table A-35.

Chart 12. Unemployment rates by major occupational groups
(Seasonally adjusted)



SOURCE: Table A-36.

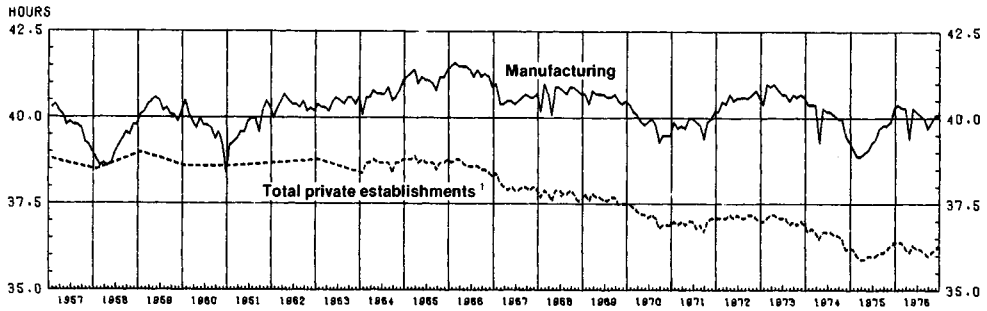
Chart 13. Duration of unemployment
(Seasonally adjusted)



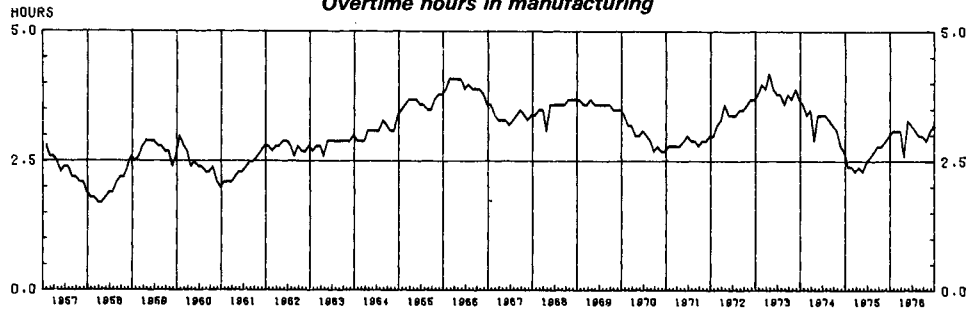
SOURCE: Table A-37.

Chart 14. Average weekly hours in nonagricultural industries

(Seasonally adjusted)



Overtime hours in manufacturing



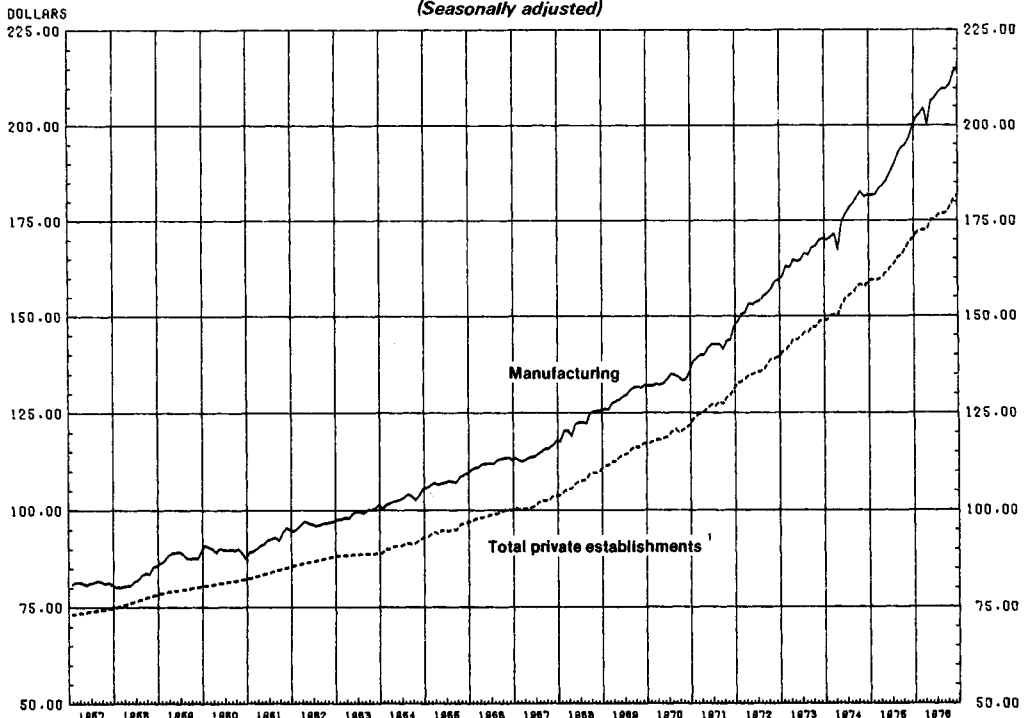
¹ Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

Chart 15. Average weekly earnings in nonagricultural industries

(Seasonally adjusted)

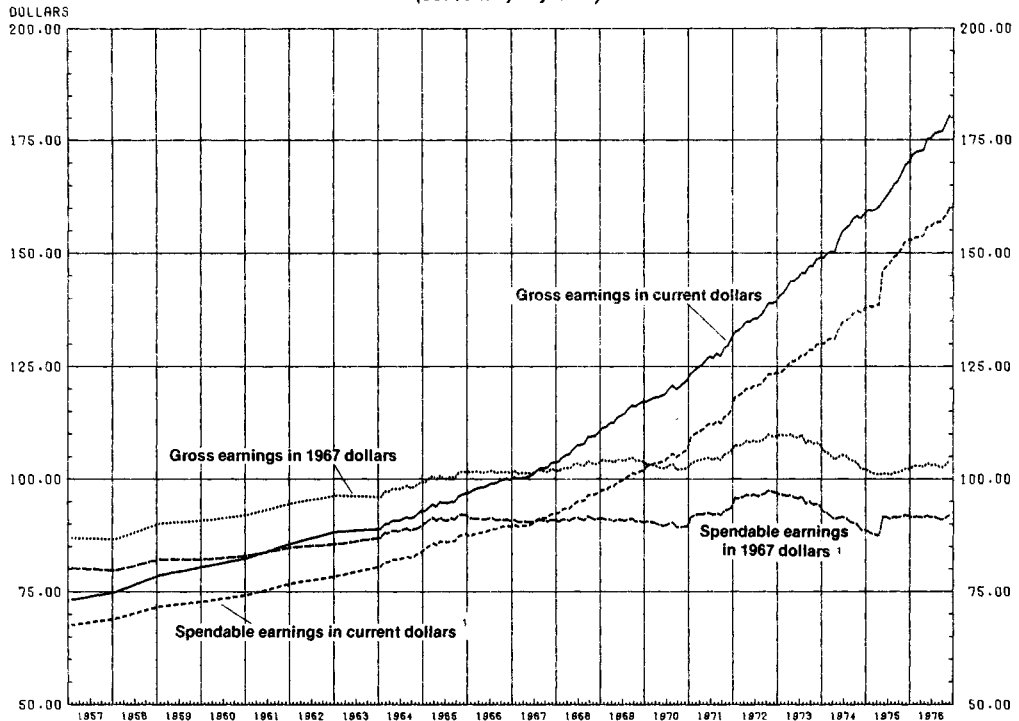


¹ Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Tables C-7 and C-8.

Chart 16. Total private gross and spendable weekly earnings
(Seasonally adjusted)

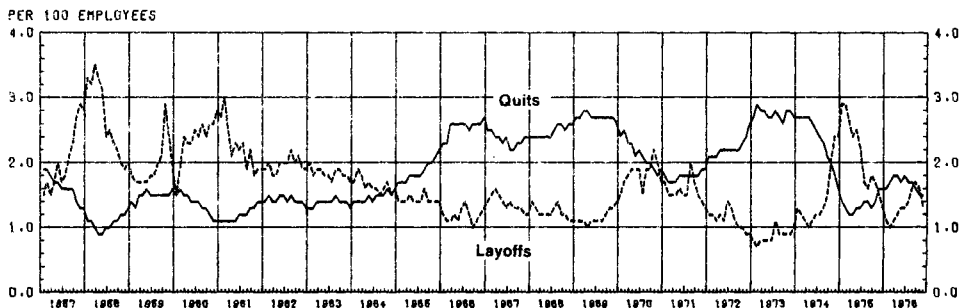
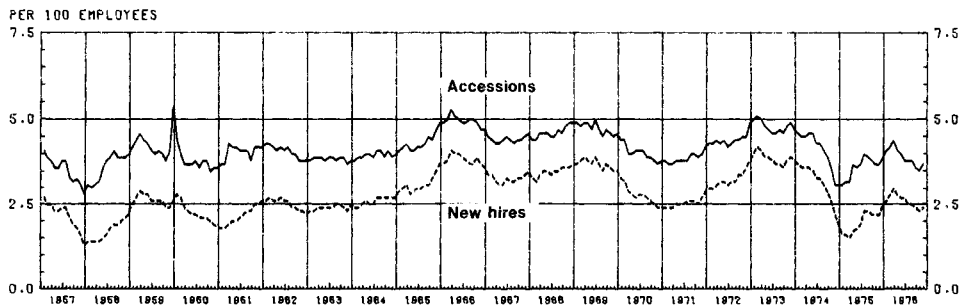


¹ Worker with three dependents.

NOTE: Data prior to 1964 are annual averages. Data for current month are preliminary.

SOURCE: Table C-8.

Chart 17. Labor turnover rates in manufacturing
(Seasonally adjusted)



NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

HOUSEHOLD DATA HISTORICAL

A-1. Employment status of the noninstitutional population, 1929 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	
Persons 14 years of age and over										
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	45,850
Persons 16 years of age and over										
1947.....	103,418	60,941	58.9	59,350	57,038	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 ²	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 ²	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 ²	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.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	55,666
1972 ²	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	56,785
1973 ²	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	57,222
1974.....	150,827	93,240	61.8	91,011	85,935	3,492	82,443	5,076	5.6	57,587
1975.....	153,449	94,793	61.8	92,613	84,783	3,380	81,403	7,830	8.5	58,655
1976.....	156,048	96,917	62.1	94,773	87,485	3,297	84,188	7,288	7.7	59,130
December.....	157,176	97,662	62.1	95,517	88,494	2,850	85,645	7,022	7.4	59,514

¹ Not available.

² Not strictly comparable with prior years due to the introduction of population adjustments

in these years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory notes.

**HOUSEHOLD DATA
HISTORICAL**

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

[Numbers in thousands]

Year, month, and sex	Total non-institutional 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	
MALES										
1947.....	50,968	44,258	86.8	42,686	40,995	6,643	34,352	1,692	4.0	6,710
1948.....	51,439	44,729	87.0	43,286	41,725	6,358	35,367	1,559	3.6	6,710
1949.....	51,922	45,097	86.9	43,498	40,925	6,343	34,583	2,572	5.9	6,825
1950.....	52,352	45,446	86.8	43,819	41,578	6,002	35,576	2,239	5.1	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,534	36,246	1,221	2.8	6,725
1952.....	53,248	46,416	87.2	42,869	41,682	5,390	36,293	1,185	2.8	6,832
1953 ¹	54,248	47,131	86.9	43,633	42,430	5,253	37,177	1,202	2.8	7,117
1954.....	54,706	47,275	86.4	43,965	41,619	5,200	36,418	2,344	5.3	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,356	1,854	4.2	7,634
1956.....	55,547	47,914	86.3	45,091	43,379	5,040	38,339	1,711	3.8	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.2	8,907
1960 ¹	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	12,677
1970.....	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	13,066
1971.....	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	13,715
1972 ¹	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	14,193
1973 ¹	71,020	56,479	79.5	54,203	51,963	2,833	49,130	2,240	4.1	14,541
1974.....	72,253	57,349	79.4	55,186	52,518	2,900	49,618	2,668	4.8	14,904
1975.....	73,494	57,706	78.5	55,615	51,230	2,801	48,429	4,385	7.9	15,788
1976.....	74,739	58,397	78.1	56,359	52,391	2,716	49,675	3,968	7.0	16,341
December.....	75,325	58,408	77.5	56,371	52,369	2,365	50,004	4,002	7.1	16,918
FEMALES										
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	35,767
1948.....	53,088	17,351	32.7	17,335	16,617	1,271	15,346	717	4.1	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,315	15,409	1,065	6.0	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,181	1,049	5.7	35,881
1951.....	54,933	19,054	34.7	19,016	18,181	1,193	16,988	834	4.4	35,879
1952.....	55,575	19,314	34.8	19,269	18,568	1,111	17,458	698	3.6	36,261
1953 ¹	56,353	19,429	34.5	19,382	18,749	1,006	17,743	632	3.3	36,924
1954.....	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	37,247
1955.....	57,610	20,584	35.7	20,548	19,551	1,184	18,366	998	4.9	37,026
1956.....	58,264	21,495	36.9	21,461	20,419	1,244	19,175	1,039	4.8	36,769
1957.....	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	37,218
1958.....	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	37,574
1959.....	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	38,053
1960 ¹	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	38,679
1962 ¹	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	40,976
1969.....	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	40,924
1970.....	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	41,214
1971.....	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	41,952
1972 ¹	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	42,591
1973 ¹	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	42,681
1974.....	78,575	35,892	45.7	35,825	33,417	592	32,825	2,408	6.7	42,683
1975.....	79,954	37,087	46.4	36,998	33,553	579	32,973	3,445	9.3	42,868
1976.....	81,309	38,520	47.4	38,414	35,095	582	34,513	3,320	8.6	42,789
December.....	81,851	39,255	48.0	39,145	36,125	485	35,641	3,020	7.7	42,596

¹ See footnote 2, 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	December 1976										
	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	58,408	77.5	56,371	52,369	4,002	7.1	16,918	316	4,716	1,709	10,177
16 to 21 years	8,237	65.1	7,514	6,212	1,302	17.3	4,412	6	3,958	28	420
16 to 19 years	4,857	57.2	4,516	3,641	875	19.4	3,633	7	3,331	21	274
16 to 17 years	1,861	44.0	1,827	1,437	390	21.4	2,372	3	2,257	3	108
18 to 19 years	2,996	70.4	2,689	2,204	484	18.0	1,261	3	1,074	18	166
20 to 64 years	51,735	89.6	50,040	46,995	3,045	6.1	6,000	140	1,381	1,229	3,250
20 to 24 years	8,458	86.1	7,702	6,776	925	12.0	1,369	1	1,027	44	297
25 to 54 years	36,300	94.4	35,362	33,515	1,847	5.2	2,170	75	349	640	1,106
25 to 29 years	8,245	94.4	7,866	7,273	593	7.5	491	14	237	56	183
30 to 34 years	6,949	96.4	6,718	6,391	327	4.9	260	11	57	68	124
35 to 39 years	5,617	96.1	5,420	5,186	234	4.3	228	11	23	73	121
40 to 44 years	5,144	95.2	5,052	4,853	199	3.9	257	6	14	83	153
45 to 49 years	5,262	94.0	5,230	4,988	242	4.6	335	20	10	124	181
50 to 54 years	5,083	89.4	5,076	4,823	253	5.0	600	13	8	234	344
55 to 64 years	6,978	73.9	6,977	6,704	272	3.9	2,461	64	5	545	1,847
55 to 59 years	4,278	83.4	4,277	4,114	163	3.8	853	28	4	283	538
60 to 64 years	2,700	62.7	2,700	2,590	109	4.1	1,608	36	1	261	1,309
65 years and over	1,815	19.9	1,815	1,732	83	4.6	7,285	169	3	459	6,653
65 to 69 years	1,055	29.1	1,055	1,004	51	4.8	2,576	46	4	161	2,365
70 years and over	761	13.9	761	728	33	4.3	4,709	123	--	299	4,288
White											
16 years and over	52,133	78.3	50,445	47,209	3,235	6.4	14,478	278	3,829	1,365	9,006
16 to 21 years	7,248	67.0	6,653	5,631	1,022	15.4	3,562	3	3,215	19	324
16 to 19 years	4,320	59.7	4,034	3,319	715	17.7	2,915	4	2,681	17	213
16 to 17 years	1,696	47.2	1,667	1,339	327	19.6	1,894	1	1,807	4	82
18 to 19 years	2,624	72.0	2,368	1,980	388	16.4	1,021	3	874	13	131
20 to 64 years	46,158	90.2	44,756	42,305	2,452	5.5	5,006	118	1,146	991	2,751
20 to 24 years	7,387	86.8	6,780	6,069	711	10.5	1,124	2	865	31	226
25 to 54 years	32,399	95.0	31,605	30,095	1,509	4.8	1,700	61	277	491	872
25 to 29 years	13,499	95.9	12,986	12,252	734	5.7	579	17	234	90	238
30 to 34 years	9,576	96.3	9,330	8,982	348	3.7	368	16	29	118	205
35 to 44 years	9,323	92.5	9,288	8,861	427	4.6	753	28	13	283	428
55 to 64 years	6,372	74.5	6,371	6,140	231	3.6	2,183	56	5	468	1,654
55 to 59 years	3,897	83.9	3,896	3,762	135	3.5	745	24	3	249	469
60 to 64 years	2,475	63.3	2,475	2,378	96	3.9	1,438	32	1	220	1,185
65 years and over	1,655	20.2	1,655	1,585	69	4.2	6,556	156	2	357	6,041
Black and other											
16 years and over	6,275	72.0	5,926	5,159	767	12.9	2,440	38	886	345	1,171
16 to 21 years	989	53.8	861	581	280	32.5	849	3	742	8	96
16 to 19 years	537	42.8	482	322	160	33.2	718	3	650	4	60
16 to 17 years	165	25.7	161	98	63	39.3	478	2	450	--	26
18 to 19 years	372	60.8	321	224	97	30.1	240	1	200	5	34
20 to 64 years	5,577	84.9	5,285	4,691	593	11.2	993	22	234	238	499
20 to 24 years	1,071	81.4	922	708	214	23.2	245	--	161	13	71
25 to 54 years	3,901	89.2	3,757	3,419	338	9.0	470	15	72	148	235
25 to 29 years	1,695	90.8	1,598	1,412	186	11.6	172	8	60	35	69
30 to 34 years	1,184	91.0	1,142	1,057	85	7.4	117	1	8	39	69
35 to 44 years	1,021	84.9	1,018	950	67	6.6	182	5	4	75	97
55 to 64 years	605	68.6	605	564	41	6.8	278	8	1	76	193
55 to 59 years	381	77.9	381	353	28	7.4	108	3	1	35	69
60 to 64 years	225	56.9	225	212	13	5.8	170	5	--	41	124
65 years and over	160	18.0	160	147	14	8.7	729	13	2	102	612

HOUSEHOLD DATA

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

[Numbers in thousands]

Sex, age, and race	December 1976										
	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	39,255	48.0	39,145	36,125	3,020	7.7	42,596	33,950	4,619	943	3,084
16 to 21 years	6,599	53.2	6,550	5,606	944	14.4	5,800	1,539	3,944	22	295
16 to 19 years	3,996	48.1	3,977	3,294	683	17.2	4,320	782	3,321	14	203
16 to 17 years	1,584	38.5	1,583	1,303	280	17.7	2,525	167	2,242	8	107
18 to 19 years	2,412	57.3	2,394	1,991	403	16.8	1,795	615	1,079	6	95
20 to 64 years	34,185	56.4	34,095	31,795	2,300	6.7	26,447	23,459	1,295	390	1,303
20 to 24 years	6,378	65.0	6,317	5,676	641	10.2	3,434	2,289	924	20	201
25 to 54 years	23,417	58.2	23,387	21,927	1,460	6.2	16,844	15,635	363	191	655
25 to 29 years	5,448	61.2	5,428	4,993	434	8.0	3,451	3,116	165	24	145
30 to 34 years	4,178	56.4	4,173	3,882	291	7.0	3,235	3,033	73	22	108
35 to 39 years	3,617	58.7	3,616	3,388	227	6.3	2,547	2,391	47	17	92
40 to 44 years	3,422	60.0	3,421	3,247	174	5.1	2,276	2,137	35	36	70
45 to 49 years	3,414	57.7	3,414	3,248	165	4.8	2,506	2,325	24	40	118
50 to 54 years	3,337	54.1	3,337	3,169	167	5.0	2,828	2,633	19	53	123
55 to 64 years	4,391	41.6	4,391	4,192	199	4.5	6,170	5,536	7	179	448
55 to 59 years	2,729	48.4	2,729	2,619	110	4.0	2,912	2,681	4	86	141
60 to 64 years	1,662	33.8	1,662	1,573	89	5.3	3,257	2,855	4	92	307
65 years and over	1,073	8.3	1,073	1,036	37	3.4	11,829	9,708	3	539	1,579
65 to 69 years	710	15.5	710	689	21	3.0	3,873	3,386	1	75	410
70 years and over	362	4.4	362	347	15	4.2	7,956	6,322	2	464	1,168
White											
16 years and over	34,165	47.7	34,076	31,679	2,396	7.0	37,477	30,394	3,686	760	2,637
16 to 21 years	5,921	56.4	5,880	5,117	763	13.0	4,580	1,237	3,120	20	203
16 to 19 years	3,636	51.7	3,619	3,051	568	15.7	3,397	633	2,611	13	141
16 to 17 years	1,487	43.0	1,486	1,236	250	16.8	1,975	143	1,744	7	81
18 to 19 years	2,149	60.2	2,133	1,815	318	14.9	1,422	490	867	6	60
20 to 64 years	29,606	56.0	29,532	27,736	1,796	6.1	23,280	20,848	1,074	293	1,065
20 to 24 years	5,549	66.4	5,500	5,022	478	8.7	2,809	1,885	768	18	137
25 to 54 years	20,123	57.5	20,099	18,967	1,132	5.6	14,883	13,906	298	143	536
25 to 34 years	8,164	58.0	8,143	7,608	535	6.6	5,908	5,479	192	36	201
35 to 44 years	6,017	58.7	6,014	5,702	312	5.2	4,238	4,000	71	35	132
45 to 54 years	5,942	55.6	5,941	5,657	284	4.8	4,737	4,427	35	72	203
55 to 64 years	3,933	41.3	3,933	3,747	186	4.7	5,588	5,056	8	132	392
55 to 59 years	2,437	48.0	2,437	2,335	102	4.2	2,639	2,441	4	65	129
60 to 64 years	1,496	33.7	1,496	1,412	84	5.6	2,949	2,615	4	67	263
65 years and over	924	7.9	924	892	32	3.5	10,800	8,913	2	454	1,431
Black and other											
16 years and over	5,089	49.9	5,070	4,446	623	12.3	5,119	3,555	933	183	448
16 to 21 years	678	35.7	670	489	181	27.0	1,220	302	824	1	92
16 to 19 years	361	28.1	358	243	115	32.2	923	149	711	1	62
16 to 17 years	97	15.0	97	67	30	30.8	550	24	498	1	26
18 to 19 years	264	41.4	261	176	85	32.7	373	125	212	--	36
20 to 64 years	4,581	59.1	4,564	4,059	504	11.0	3,167	2,611	221	97	238
20 to 24 years	829	57.0	817	654	164	20.0	625	404	156	2	64
25 to 54 years	3,294	62.7	3,289	2,960	328	10.0	1,960	1,729	66	48	118
25 to 34 years	1,462	65.3	1,457	1,267	191	13.1	778	670	46	10	51
35 to 44 years	1,022	63.6	1,022	933	89	8.7	586	528	11	17	30
45 to 54 years	809	57.5	809	761	48	6.0	597	531	8	21	37
55 to 64 years	458	44.0	458	445	13	2.7	582	479	--	47	56
55 to 59 years	292	51.6	292	284	8	2.8	274	240	--	22	12
60 to 64 years	166	35.0	166	161	4	2.6	308	239	--	25	44
65 years and over	148	12.6	148	144	4	2.8	1,029	795	1	85	148

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	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
MALES								
16 years and over	57,164	58,408	77.1	77.5	55,101	56,371	76.5	76.9
16 to 19 years	4,711	4,857	55.7	57.2	4,362	4,516	53.8	55.4
16 to 17 years	1,783	1,861	42.1	44.0	1,749	1,827	41.6	43.5
18 to 19 years	2,928	2,996	69.4	70.4	2,613	2,689	66.9	68.1
20 to 24 years	8,041	8,458	83.4	86.1	7,266	7,702	81.9	84.9
25 to 54 years	35,668	36,300	94.3	94.4	34,732	35,362	94.1	94.2
25 to 34 years	14,647	15,194	95.1	95.3	14,049	14,584	94.9	95.1
35 to 44 years	10,593	10,761	95.5	95.7	10,295	10,472	95.4	95.6
45 to 54 years	10,428	10,345	91.9	91.7	10,389	10,306	91.9	91.7
55 to 64 years	6,948	6,978	74.8	73.9	6,946	6,977	74.8	73.9
55 to 59 years	4,198	4,278	83.8	83.4	4,196	4,277	83.8	83.4
60 to 64 years	2,750	2,700	64.3	62.7	2,750	2,700	64.3	62.7
65 years and over	1,795	1,815	20.2	19.9	1,795	1,815	20.2	19.9
White								
16 years and over	51,138	52,133	78.0	78.3	49,416	50,445	77.4	77.7
16 to 19 years	4,217	4,320	58.5	59.7	3,926	4,034	56.7	58.0
16 to 17 years	1,642	1,696	45.7	47.2	1,612	1,667	45.2	46.8
18 to 19 years	2,575	2,624	71.2	72.0	2,315	2,368	69.0	69.9
20 to 24 years	7,011	7,387	83.8	86.8	6,381	6,780	82.5	85.8
25 to 54 years	31,932	32,399	95.0	95.0	31,132	31,605	94.9	94.9
25 to 34 years	13,041	13,499	95.7	95.9	12,530	12,986	95.5	95.7
35 to 44 years	9,456	9,576	96.4	96.3	9,201	9,330	96.3	96.2
45 to 54 years	9,436	9,323	92.9	92.5	9,400	9,288	92.9	92.5
55 to 64 years	6,355	6,372	75.5	74.5	6,353	6,371	75.5	74.5
55 to 59 years	3,840	3,897	84.6	83.9	3,838	3,896	84.6	83.9
60 to 64 years	2,515	2,475	64.9	63.3	2,515	2,475	64.9	63.3
65 years and over	1,623	1,655	20.3	20.2	1,623	1,655	20.3	20.2
Black and other								
16 years and over	6,025	6,275	70.9	72.0	5,685	5,926	69.7	70.8
16 to 19 years	494	537	39.7	42.8	436	482	36.7	40.2
16 to 17 years	141	165	22.1	25.7	137	161	21.6	25.2
18 to 19 years	353	372	58.3	60.8	299	321	54.2	57.2
20 to 24 years	1,031	1,071	80.5	81.4	885	922	78.0	79.0
25 to 54 years	3,736	3,901	88.0	89.2	3,600	3,757	87.6	88.9
25 to 34 years	1,607	1,695	90.1	90.8	1,518	1,598	89.6	90.3
35 to 44 years	1,137	1,184	89.2	91.0	1,094	1,142	88.9	90.7
45 to 54 years	992	1,021	83.4	84.9	988	1,018	83.3	84.9
55 to 64 years	593	605	68.1	68.6	593	605	68.1	68.6
55 to 59 years	358	381	76.2	77.9	358	381	76.2	77.9
60 to 64 years	235	225	58.7	56.9	235	225	58.7	56.9
65 years and over	171	160	20.0	18.0	171	160	20.0	18.0

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	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
FEMALES								
16 years and over	37,725	39,255	46.8	48.0	37,630	39,145	46.7	47.9
16 to 19 years	4,024	3,996	48.6	48.1	4,004	3,977	48.5	47.9
16 to 17 years	1,641	1,584	39.9	38.5	1,640	1,583	39.9	38.5
18 to 19 years	2,383	2,412	57.2	57.3	2,363	2,394	57.0	57.1
20 to 24 years	6,160	6,378	64.1	65.0	6,109	6,317	63.9	64.8
25 to 54 years	22,184	23,417	56.0	58.2	22,161	23,387	56.0	58.1
25 to 34 years	8,852	9,626	56.1	59.0	8,833	9,601	56.1	58.9
35 to 44 years	6,653	7,039	56.9	59.3	6,650	7,036	56.9	59.3
45 to 54 years	6,680	6,752	54.8	55.9	6,679	6,750	54.8	55.9
55 to 64 years	4,308	4,391	41.4	41.6	4,308	4,391	41.4	41.6
55 to 59 years	2,696	2,729	48.9	48.4	2,696	2,727	48.9	48.4
60 to 64 years	1,612	1,662	33.0	33.8	1,612	1,662	33.0	33.8
65 years and over	1,048	1,073	8.3	8.3	1,048	1,073	8.3	8.3
White								
16 years and over	32,853	34,165	46.5	47.7	32,774	34,076	46.4	47.6
16 to 19 years	3,600	3,636	51.3	51.7	3,583	3,619	51.2	51.6
16 to 17 years	1,492	1,487	43.0	43.0	1,492	1,486	43.0	42.9
18 to 19 years	2,108	2,149	59.6	60.2	2,091	2,133	59.4	60.0
20 to 24 years	5,392	5,549	65.7	66.4	5,351	5,500	65.5	66.2
25 to 54 years	19,085	20,123	55.3	57.3	19,066	20,099	55.2	57.5
25 to 34 years	7,547	8,164	55.4	58.0	7,531	8,143	55.3	58.0
35 to 44 years	5,669	6,017	56.1	58.7	5,667	6,014	56.0	58.7
45 to 54 years	5,870	5,942	54.4	55.6	5,869	5,941	54.4	55.6
55 to 64 years	3,865	3,933	41.2	41.3	3,865	3,933	41.2	41.3
55 to 59 years	2,420	2,437	48.7	48.0	2,420	2,437	48.7	48.0
60 to 64 years	1,445	1,496	32.7	33.7	1,445	1,496	32.7	33.7
65 years and over	910	924	7.9	7.9	910	924	7.9	7.9
Black and other								
16 years and over	4,872	5,089	49.1	49.9	4,856	5,070	49.0	49.8
16 to 19 years	423	361	33.5	28.1	420	358	33.3	27.9
16 to 17 years	148	97	23.2	15.0	148	97	23.2	15.0
18 to 19 years	275	264	43.9	41.4	272	261	43.6	41.2
20 to 24 years	768	829	54.5	57.0	759	817	54.2	56.7
25 to 54 years	3,099	3,294	60.8	62.7	3,096	3,289	60.8	62.7
25 to 34 years	1,306	1,462	61.0	65.3	1,302	1,457	61.0	65.2
35 to 44 years	983	1,022	62.7	63.6	983	1,022	62.7	63.6
45 to 54 years	810	809	58.4	57.5	810	809	58.4	57.5
55 to 64 years	443	458	43.4	44.0	443	458	43.4	44.0
55 to 59 years	276	292	50.5	51.6	276	292	50.5	51.6
60 to 64 years	167	166	35.1	35.0	167	166	35.1	35.0
65 years and over	138	148	12.2	12.6	138	148	12.2	12.6

HOUSEHOLD DATA

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

[Numbers in thousands]

Sex and age	December 1976						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Total							
16 years and over	9,462	8,220	208	8,012	1,242	13.1	6,642
16 to 19 years	722	460	10	449	263	36.4	1,485
16 to 17 years	221	132	5	127	89	40.2	931
18 to 19 years	501	327	5	322	174	34.7	554
20 to 24 years	1,515	1,171	37	1,134	344	22.7	745
25 to 54 years	5,997	5,423	103	5,320	574	9.6	2,056
25 to 34 years	2,577	2,243	37	2,206	333	12.9	764
35 to 44 years	1,856	1,706	29	1,677	151	8.1	603
45 to 54 years	1,564	1,474	37	1,437	91	5.8	689
55 to 64 years	951	905	37	867	46	4.9	779
55 to 59 years	593	563	22	541	30	5.0	343
60 to 64 years	358	342	15	326	17	4.6	436
65 years and over	276	262	21	241	14	5.0	1,576
Males							
16 years and over	5,088	4,410	180	4,231	677	13.3	2,142
16 to 19 years	417	269	11	257	148	35.5	644
16 to 17 years	139	80	4	76	59	42.1	429
18 to 19 years	278	188	7	182	90	32.2	215
20 to 24 years	816	624	33	592	192	23.5	187
25 to 54 years	3,188	2,895	87	2,808	293	9.2	411
25 to 34 years	1,342	1,173	33	1,140	169	12.6	135
35 to 44 years	975	905	24	882	69	7.1	108
45 to 54 years	871	817	30	787	54	6.2	168
55 to 64 years	532	497	32	465	35	6.5	256
55 to 59 years	329	306	20	286	23	6.9	99
60 to 64 years	203	191	12	179	12	5.9	156
65 years and over	135	125	16	108	10	7.2	645
Females							
16 years and over	4,374	3,810	28	3,782	564	12.9	4,500
16 to 19 years	305	191	--	192	115	37.5	841
16 to 17 years	82	52	--	52	30	36.9	502
18 to 19 years	223	139	--	140	84	37.7	339
20 to 24 years	699	546	4	542	152	21.8	558
25 to 54 years	2,809	2,527	16	2,512	282	10.0	1,645
25 to 34 years	1,235	1,070	4	1,066	164	13.3	629
35 to 44 years	882	800	5	795	81	9.2	496
45 to 54 years	693	657	6	651	36	5.2	520
55 to 64 years	419	408	5	403	12	2.8	523
55 to 59 years	264	257	2	255	7	2.7	244
60 to 64 years	155	151	3	147	5	2.9	280
65 years and over	142	138	5	133	4	3.0	931

NOTE: According to the 1970 Census, black workers comprised about 89 percent of the "black and other" population group.

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

[Numbers in thousands]

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
	TOTAL							
Total noninstitutional population	154,700	157,176	65,643	66,835	72,326	73,535	16,732	16,806
Total labor force	94,888	97,662	52,452	53,550	33,701	35,258	8,735	8,853
Percent of population	61.3	62.1	79.9	80.1	46.6	47.9	52.2	52.7
Civilian labor force	92,731	95,517	50,739	51,855	33,627	35,168	8,366	8,493
Employed	85,536	88,494	47,499	48,727	31,271	32,831	6,765	6,935
Agriculture	2,856	2,850	2,177	2,125	385	452	294	273
Nonagricultural industries	82,680	85,645	45,322	46,603	30,887	32,379	6,471	6,663
Unemployed	7,195	7,022	3,240	3,128	2,355	2,337	1,600	1,558
Percent of labor force	7.8	7.4	6.4	6.0	7.0	6.6	19.1	18.3
Not in labor force	59,812	59,514	13,190	13,285	38,625	38,276	7,997	7,953
White								
Total noninstitutional population	136,281	138,253	58,389	59,375	63,669	64,610	14,223	14,268
Total labor force	83,991	86,298	46,921	47,813	29,252	30,530	7,818	7,956
Percent of population	61.6	62.4	80.4	80.5	45.9	47.3	55.0	55.8
Civilian labor force	82,190	84,521	45,489	46,411	29,191	30,456	7,510	7,654
Employed	76,345	78,889	42,861	43,890	27,280	28,628	6,205	6,371
Agriculture	2,627	2,619	1,996	1,938	362	418	270	263
Nonagricultural industries	73,718	76,270	40,865	41,952	26,918	28,210	5,935	6,108
Unemployed	5,845	5,632	2,629	2,521	1,911	1,828	1,305	1,283
Percent of labor force	7.1	6.7	5.8	5.4	6.5	6.0	17.4	16.8
Not in labor force	52,290	51,955	11,467	11,562	34,417	34,080	6,405	6,312
Black and other								
Total noninstitutional population	18,419	18,923	7,254	7,460	8,656	8,925	2,509	2,538
Total labor force	10,897	11,364	5,531	5,737	4,449	4,729	917	898
Percent of population	59.2	60.1	76.3	76.9	51.4	53.0	36.6	35.4
Civilian labor force	10,541	10,996	5,249	5,445	4,436	4,712	856	839
Employed	9,190	9,605	4,639	4,838	3,991	4,203	561	564
Agriculture	229	231	182	187	23	34	24	10
Nonagricultural industries	8,962	9,375	4,457	4,651	3,968	4,169	536	554
Unemployed	1,351	1,390	611	607	444	508	295	275
Percent of labor force	12.8	12.6	11.6	11.2	10.0	10.8	34.5	32.7
Not in labor force	7,522	7,559	1,723	1,722	4,208	4,196	1,592	1,641

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

[Numbers in thousands]

Employment status	December 1976								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	25,049	12,649	12,400	21,312	10,810	10,502	3,737	1,839	1,898
Total labor force	14,836	8,237	6,599	13,169	7,248	5,921	1,667	989	678
Percent of population	59.2	65.1	53.2	61.8	67.0	56.4	44.6	53.8	35.7
Civilian labor force	14,064	7,514	6,550	12,533	6,653	5,880	1,531	861	670
Employed	11,818	6,212	5,606	10,748	5,631	5,117	1,070	581	489
Agriculture	410	361	49	382	333	50	28	28	--
Nonagricultural industries	11,408	5,851	5,557	10,366	5,298	5,068	1,042	553	489
Unemployed	2,246	1,302	944	1,785	1,022	763	461	280	181
Percent of labor force	16.0	17.3	14.4	14.2	15.4	13.0	30.1	32.5	27.0
Looking for full-time work	1,378	810	568	1,042	611	432	336	199	136
Looking for part-time work	868	492	376	743	412	332	125	81	45
Not in labor force	10,212	4,412	5,800	8,143	3,562	4,580	2,069	849	1,220
MAJOR ACTIVITY: GOING TO SCHOOL									
Civilian labor force	4,333	2,254	2,079	3,952	2,041	1,911	381	213	168
Employed	3,518	1,781	1,737	3,265	1,654	1,611	253	127	126
Agriculture	119	103	16	117	101	16	2	2	--
Nonagricultural industries	3,399	1,678	1,721	3,148	1,553	1,595	251	125	126
Unemployed	815	473	342	687	387	300	128	86	42
Percent of labor force	18.8	21.0	16.4	17.4	19.0	15.7	33.5	40.4	24.8
Looking for full-time work	80	42	38	56	25	31	25	17	7
Looking for part-time work	734	431	303	631	362	269	103	69	34
Not in labor force	7,902	3,958	3,944	6,335	3,215	3,120	1,567	742	824
MAJOR ACTIVITY: OTHER									
Civilian labor force	9,731	5,260	4,471	8,581	4,612	3,969	1,150	648	502
Employed	8,300	4,431	3,869	7,483	3,977	3,506	817	454	363
Agriculture	291	258	33	265	232	34	26	26	--
Nonagricultural industries	8,009	4,173	3,836	7,218	3,745	3,473	792	428	364
Unemployed	1,311	829	602	1,098	635	463	333	194	139
Percent of labor force	13.7	15.8	13.5	12.8	13.8	11.7	28.9	29.9	27.7
Looking for full-time work	117	768	530	986	586	401	311	182	129
Looking for part-time work	114	61	73	112	49	62	22	12	10
Not in labor force	2,300	454	1,856	1,808	347	1,461	503	107	395

HOUSEHOLD DATA

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

(Numbers in thousands)

Race, sex, and age	December 1976								
	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	80,828	71,719	3,462	5,647	7.0	14,688	13,313	1,375	9.4
16 to 21 years	8,404	6,257	770	1,378	16.4	5,660	4,792	868	15.3
16 to 19 years	3,992	2,739	470	783	19.6	4,501	3,726	774	17.2
16 to 17 years	564	324	110	129	22.9	2,846	2,305	541	19.0
18 to 19 years	3,428	2,414	360	654	19.1	1,654	1,421	233	14.1
20 years and over	76,836	68,980	2,992	4,864	6.3	10,188	9,587	601	5.9
20 to 24 years	11,927	9,866	666	1,395	11.7	2,092	1,920	172	8.2
25 years and over	64,909	59,114	2,326	3,469	5.3	8,096	7,667	429	5.3
25 to 54 years	53,279	48,467	1,816	2,996	5.6	5,470	5,160	310	5.7
55 years and over	11,630	10,647	510	472	4.1	2,626	2,507	119	4.5
Males, 16 years and over	51,358	46,333	1,684	3,340	6.5	5,013	4,351	662	13.2
16 to 21 years	4,729	3,534	384	810	17.1	2,785	2,293	492	17.7
16 to 19 years	2,234	1,560	239	434	19.4	2,282	1,842	440	19.3
16 to 17 years	49,124	44,773	1,445	2,906	5.9	2,731	2,509	222	8.1
18 to 19 years	6,788	5,605	346	837	12.3	914	825	89	9.7
20 to 24 years	42,336	39,168	1,099	2,069	4.9	1,817	1,684	133	7.3
25 years and over	34,640	32,061	809	1,771	5.1	722	645	76	10.5
25 to 54 years	7,696	7,108	290	298	3.9	1,096	1,039	57	5.2
55 years and over	29,470	25,385	1,778	2,307	7.8	9,675	8,962	713	7.4
16 to 21 years	3,676	2,722	386	568	15.5	2,874	2,498	376	13.1
16 to 19 years	1,758	1,179	231	349	19.8	2,219	1,884	334	15.1
20 years and over	27,712	24,207	1,547	1,958	7.1	7,457	7,078	379	5.1
20 to 24 years	5,139	4,261	319	558	10.9	1,179	1,095	83	7.1
25 years and over	22,573	19,946	1,228	1,400	6.2	6,278	5,983	296	4.7
25 to 54 years	18,639	16,407	1,007	1,225	6.6	4,748	4,513	234	4.9
55 years and over	3,933	3,539	220	174	4.4	1,530	1,468	62	4.1
Females, 16 years and over	29,470	25,385	1,778	2,307	7.8	9,675	8,962	713	7.4
16 to 21 years	3,676	2,722	386	568	15.5	2,874	2,498	376	13.1
16 to 19 years	1,758	1,179	231	349	19.8	2,219	1,884	334	15.1
20 years and over	27,712	24,207	1,547	1,958	7.1	7,457	7,078	379	5.1
20 to 24 years	5,139	4,261	319	558	10.9	1,179	1,095	83	7.1
25 years and over	22,573	19,946	1,228	1,400	6.2	6,278	5,983	296	4.7
25 to 54 years	18,639	16,407	1,007	1,225	6.6	4,748	4,513	234	4.9
55 years and over	3,933	3,539	220	174	4.4	1,530	1,468	62	4.1
White									
Males, 16 years and over	45,974	41,862	1,420	2,692	5.9	4,471	3,928	543	12.1
16 to 21 years	4,130	3,198	321	611	14.8	2,523	2,111	412	16.3
16 to 19 years	1,971	1,419	200	352	17.9	2,063	1,700	363	17.6
20 years and over	44,003	40,443	1,219	2,340	5.3	2,408	2,227	180	7.5
20 to 24 years	5,962	5,018	313	631	10.6	818	738	80	9.8
25 years and over	38,041	35,425	906	1,709	4.5	1,590	1,489	100	6.3
25 to 54 years	31,012	28,893	663	1,456	4.7	593	539	53	8.9
55 years and over	7,029	6,532	242	254	3.6	997	951	47	4.7
Females, 16 years and over	25,203	21,979	1,441	1,783	7.1	8,873	8,259	614	6.9
16 to 21 years	3,235	2,478	326	432	13.3	2,645	2,314	332	12.5
16 to 19 years	1,568	1,100	196	273	17.4	2,051	1,756	295	14.4
20 years and over	23,635	20,880	1,245	1,510	6.4	6,822	6,503	318	4.7
20 to 24 years	4,435	3,744	282	409	9.2	1,065	996	69	6.5
25 years and over	19,200	17,136	963	1,101	5.7	5,757	5,507	249	4.3
25 to 54 years	15,688	13,948	804	936	6.0	4,411	4,215	195	4.4
55 years and over	3,512	3,188	159	165	4.7	1,346	1,292	54	4.0
Black and other									
Males, 16 years and over	5,384	4,471	265	648	12.0	542	423	119	21.9
16 to 21 years	598	336	63	199	33.3	263	182	81	30.6
16 to 19 years	263	142	39	82	31.3	219	141	78	35.4
20 years and over	5,121	4,330	226	566	11.0	324	282	42	12.8
20 to 24 years	826	587	33	205	24.9	96	87	9	9.0
25 years and over	4,295	3,743	193	361	8.4	228	195	33	14.5
25 to 54 years	3,628	3,167	146	315	8.7	130	107	23	17.7
55 years and over	668	575	48	44	6.6	99	88	11	11.1
Females, 16 years and over	4,267	3,406	337	524	12.3	802	703	99	12.4
16 to 21 years	441	244	60	136	31.0	229	185	45	19.4
16 to 19 years	190	79	35	76	40.0	167	128	39	23.2
20 years and over	4,077	3,327	302	448	11.0	635	574	61	9.5
20 to 24 years	704	517	37	150	21.3	113	99	14	12.5
25 years and over	3,373	2,810	265	298	8.8	522	475	47	9.0
25 to 54 years	2,951	2,459	203	289	9.8	337	298	39	11.6
55 years and over	422	352	61	10	2.4	184	177	7	3.8

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

HOUSEHOLD DATA

A-9. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
Total, 16 years and over	4,108	4,002	7.5	7.1	3,088	3,020	8.2	7.7
16 to 19 years	868	875	19.9	19.4	732	683	18.3	17.2
16 to 17 years	356	390	20.4	21.4	317	280	19.3	17.7
18 to 19 years	512	484	19.6	18.0	416	403	17.6	16.8
20 years and over	3,240	3,128	6.4	6.0	2,355	2,337	7.0	6.6
20 to 24 years	917	925	12.6	12.0	661	641	10.8	10.2
25 years and over	2,323	2,202	5.3	5.0	1,694	1,696	6.2	5.9
25 to 34 years	921	920	6.6	6.3	674	726	7.6	7.6
35 to 44 years	485	433	4.7	4.1	393	401	5.9	5.7
45 to 54 years	482	494	4.6	4.8	363	333	5.4	4.9
55 to 64 years	318	272	4.6	3.9	198	199	4.6	4.5
55 to 59 years	181	163	4.3	3.8	117	110	4.3	4.0
60 to 64 years	137	109	5.0	4.1	81	89	5.0	5.3
65 years and over	117	83	6.5	4.6	66	37	6.3	3.4
Household heads, 16 years and over	2,302	2,123	5.1	4.7	666	640	7.9	7.2
16 to 24 years	378	333	9.2	7.9	145	113	12.3	9.6
25 to 54 years	1,516	1,445	4.7	4.4	395	420	7.4	7.7
55 years and over	407	345	4.8	4.0	126	107	5.8	4.8

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

Marital status, sex, age, and race	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
Total, 16 years and over	4,108	4,002	7.5	7.1	3,088	3,020	8.2	7.7
Married, spouse present	1,907	1,706	4.8	4.3	1,411	1,406	6.5	6.3
Widowed, divorced, or separated	432	401	11.5	10.0	634	599	9.2	8.3
Single (never married)	1,768	1,896	15.2	15.1	1,042	1,014	11.7	10.6
White, 16 years and over	3,361	3,235	6.8	6.4	2,484	2,396	7.6	7.0
Married, spouse present	1,636	1,465	4.5	4.0	1,222	1,196	6.3	6.0
Widowed, divorced, or separated	306	304	10.3	9.5	485	441	8.7	7.6
Single (never married)	1,418	1,467	13.9	13.4	776	760	10.1	9.3
Black and other, 16 years and over	747	767	13.1	12.9	604	623	12.4	12.3
Married, spouse present	271	241	7.8	6.9	189	211	8.5	9.0
Widowed, divorced, or separated	126	97	16.5	11.8	149	159	11.0	11.3
Single (never married)	350	429	24.2	26.3	265	254	20.8	19.1
Total, 20 to 64 years of age	3,123	3,045	6.4	6.1	2,289	2,300	7.0	6.7
Married, spouse present	1,788	1,624	4.7	4.3	1,297	1,280	6.2	5.9
Widowed, divorced, or separated	403	375	11.5	9.9	562	557	9.0	8.5
Single (never married)	933	1,045	12.5	12.7	431	464	8.0	7.7
White, 20 to 64 years of age	2,541	2,452	5.8	5.5	1,848	1,796	6.5	6.1
Married, spouse present	1,534	1,392	4.4	4.0	1,120	1,087	6.0	5.6
Widowed, divorced, or separated	282	284	10.1	9.4	421	402	8.5	7.7
Single (never married)	719	775	11.1	11.0	307	307	6.8	6.2
Black and other, 20 to 64 years of age	583	593	11.5	11.2	441	504	10.3	11.0
Married, spouse present	253	231	7.6	6.9	177	193	8.3	8.6
Widowed, divorced, or separated	116	91	16.4	11.8	141	155	11.3	11.9
Single (never married)	214	270	21.0	23.4	124	157	13.7	15.6

HOUSEHOLD DATA

A-11. Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
Total	7,195	7,022	7.8	7.4	7.5	7.1	8.2	7.7
White-collar workers	1,913	1,876	4.3	4.0	3.2	3.1	5.3	4.8
Professional and technical	361	380	2.7	2.7	2.5	2.6	2.9	2.9
Managers and administrators, except farm	274	306	3.0	3.1	2.6	2.8	4.7	4.2
Sales workers	314	284	5.4	4.5	4.7	3.6	6.3	5.6
Clerical workers	963	906	5.9	5.4	4.9	4.4	6.2	5.6
Blue-collar workers	3,300	3,030	10.5	9.5	9.9	8.8	13.1	12.3
Craft and kindred workers	872	839	7.2	6.9	7.1	6.8	9.1	8.7
Carpenters and other construction craft	494	413	13.1	11.3	13.0	11.3	(1)	(1)
All other	378	426	4.5	5.0	4.2	4.8	8.6	8.6
Operatives, except transport	1,389	1,202	12.3	10.5	11.2	8.7	14.0	13.1
Transport equipment operatives	319	292	9.1	8.1	9.0	8.0	10.1	9.1
Nonfarm laborers	720	697	15.6	14.6	16.0	14.9	11.1	11.0
Construction laborers	232	234	27.9	25.2	28.1	25.3	(1)	(1)
All other	488	463	12.9	12.0	13.1	12.1	11.2	11.1
Service workers	1,117	1,100	8.6	8.4	8.7	8.9	8.5	8.1
Private household	79	60	6.3	4.8	(1)	(1)	6.4	4.8
All other	1,038	1,040	8.8	8.8	8.7	9.0	8.9	8.7
Farm workers	134	201	5.2	7.7	4.6	6.3	8.7	15.1
No previous work experience	732	815	--	--	--	--	--	--
16 to 19 years	572	597	--	--	--	--	--	--
20 to 24 years	103	144	--	--	--	--	--	--
25 years and over	57	74	--	--	--	--	--	--

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

A-12. Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
Total	100.0	100.0	7.8	7.4	7.5	7.1	8.2	7.7
Nonagricultural private wage and salary workers	77.5	74.7	8.3	7.5	8.1	7.4	8.6	7.8
Mining	.3	.6	2.8	4.5	2.7	4.5	(1)	(1)
Construction	10.7	9.5	17.7	14.9	18.4	15.4	7.1	7.5
Manufacturing	26.4	24.2	9.1	8.0	7.9	6.7	11.8	11.0
Durable goods	15.9	13.8	9.2	7.7	8.4	6.6	11.9	11.1
Lumber and wood products	1.0	1.1	11.3	10.7	11.4	10.4	10.5	(1)
Furniture and fixtures	.7	.7	8.5	8.8	6.8	7.3	12.7	12.3
Stone, clay, and glass products	.7	1.1	7.1	10.2	7.2	9.7	6.9	12.2
Primary metal industries	2.0	1.8	11.2	9.1	11.1	9.4	11.5	6.9
Fabricated metal products	2.0	1.8	9.4	8.7	8.8	8.6	11.5	9.3
Machinery, except electrical equipment	2.6	1.7	7.9	5.1	7.0	4.6	12.0	7.1
Electrical equipment	2.5	2.3	8.6	7.1	6.9	3.7	11.2	11.8
Transportation equipment	2.7	1.8	9.4	5.9	9.0	4.7	12.1	12.8
Automobiles	1.5	.7	10.2	4.3	10.4	3.7	8.9	7.5
Other transportation equipment	1.2	1.1	8.6	7.9	7.5	5.9	15.2	18.9
Instruments and related products	.4	.3	6.0	4.6	2.8	4.1	11.3	5.2
Other durable goods industries	1.3	1.4	13.7	14.0	8.5	10.1	16.9	18.6
Nondurable goods	10.5	10.4	8.9	8.4	6.9	6.8	11.6	10.8
Food and kindred products	2.7	2.6	10.5	10.5	7.8	8.1	17.5	16.1
Textile mill products	1.4	1.1	11.3	8.1	8.8	7.7	14.0	8.7
Apparel and other textile products	2.2	2.6	11.3	13.5	13.0	15.9	11.0	12.9
Paper and allied products	.7	.7	7.5	7.4	7.2	6.2	8.4	11.1
Printing and publishing	1.1	1.1	6.3	5.1	5.8	5.0	6.9	5.3
Chemicals and allied products	.9	.7	5.3	4.1	4.4	4.0	8.0	4.5
Rubber and plastics products	1.0	.9	10.0	9.5	7.5	8.3	14.9	12.0
Other nondurable goods industries	.6	.7	7.1	7.8	4.2	4.0	11.6	13.2
Transportation and public utilities	3.3	3.4	4.8	4.8	4.5	5.3	5.8	3.4
Railroads and railway express	.2	.2	1.9	2.5	1.5	2.6	(1)	--
Other transportation	2.4	2.4	7.3	7.4	7.3	8.3	7.3	3.3
Communication and other public utilities	.8	.7	2.9	2.6	1.7	2.1	5.0	3.6
Wholesale and retail trade	20.0	19.2	8.3	7.4	7.0	6.6	9.8	8.4
Finance, insurance, and real estate	2.8	2.6	4.7	4.0	4.3	3.7	5.1	4.3
Service industries	14.0	15.3	6.9	7.0	7.5	7.7	6.5	6.5
Professional services	5.3	5.8	4.6	4.7	4.6	3.8	4.6	5.2
All other service industries	8.6	9.5	9.8	9.8	10.2	11.0	9.6	8.7
Agricultural wage and salary workers	2.5	3.4	14.8	17.4	14.2	16.3	17.8	21.3
All other classes of workers	9.9	10.0	3.0	3.3	2.9	3.0	3.2	3.4
No previous work experience	10.2	11.6	--	--	--	--	--	--

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

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	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
UNEMPLOYMENT LEVEL												
Total unemployed, in thousands	7,195	7,022	3,240	3,128	2,355	2,337	1,600	1,558	5,845	5,632	1,351	1,390
Job losers	3,970	3,730	2,378	2,227	1,173	1,108	419	395	3,263	3,031	707	699
On layoff	1,370	1,114	862	659	385	340	123	115	1,169	970	201	144
Other job losers	2,600	2,616	1,515	1,568	789	768	296	281	2,093	2,061	506	556
Job leavers	813	789	293	301	345	354	175	134	702	665	111	124
Reentrants	1,684	1,691	503	503	746	754	435	435	1,359	1,320	325	371
New entrants	728	812	66	98	91	121	571	594	521	617	207	196
Total unemployed, percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	55.2	53.1	73.4	71.2	49.8	47.4	26.2	25.4	55.8	53.8	52.3	50.3
On layoff	19.0	15.9	26.6	21.1	16.3	14.5	7.7	7.4	20.0	17.2	14.9	10.4
Other job losers	36.1	37.3	46.8	50.1	33.5	32.9	18.5	18.0	35.8	36.6	37.5	40.0
Job leavers	11.3	11.2	9.0	9.6	14.6	15.1	11.0	8.6	12.0	11.8	8.2	8.9
Reentrants	23.4	24.1	15.5	16.1	31.7	32.3	27.2	27.9	23.3	23.4	24.1	26.7
New entrants	10.1	11.6	2.0	3.1	3.9	5.2	35.7	38.1	8.9	11.0	15.3	14.1
UNEMPLOYMENT RATE												
Total unemployment rate	7.8	7.4	6.4	6.0	7.0	6.6	19.1	18.3	7.1	6.7	12.8	12.6
Job loser rate ¹	4.3	3.9	4.7	4.3	3.5	3.2	5.0	4.7	4.0	3.5	6.7	6.4
Job leaver rate ¹	.9	.8	.6	.6	1.0	1.0	2.1	1.6	.9	.8	1.1	1.1
Reentrant rate ¹	1.8	1.8	1.0	1.0	2.2	2.1	5.2	5.1	1.7	1.6	3.1	3.4
New entrant rate ¹	.8	.8	.1	.2	.3	.3	6.8	7.0	.6	.7	2.0	1.8

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

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

[Percent distribution]

Reason, sex, and age	December 1976						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over	7,022	100.0	36.5	33.0	30.5	13.3	17.2
Job losers	3,730	100.0	33.3	31.7	35.0	13.8	21.2
On layoff	1,114	100.0	55.6	27.0	17.4	9.9	7.5
Other job losers	2,616	100.0	23.8	33.7	42.5	15.4	27.1
Job leavers	789	100.0	37.6	31.3	31.0	14.7	16.3
Reentrants	1,691	100.0	39.9	36.9	23.2	11.5	11.7
New entrants	812	100.0	42.9	32.1	25.0	13.7	11.3
Males, 20 years and over	3,128	100.0	31.8	31.1	37.1	13.8	23.3
Job losers	2,227	100.0	32.0	30.0	38.0	14.0	24.0
On layoff	659	100.0	56.6	23.4	20.0	11.2	8.8
Other job losers	1,568	100.0	21.6	32.8	45.6	15.2	30.4
Job leavers	301	100.0	32.2	27.6	39.8	19.9	19.9
Reentrants	503	100.0	32.4	37.4	30.0	9.7	20.3
New entrants	98	100.0	21.4	32.7	45.9	12.2	33.7
Females, 20 years and over	2,337	100.0	34.9	34.6	30.5	13.9	16.6
Job losers	1,108	100.0	29.9	32.8	37.4	15.7	21.7
On layoff	340	100.0	50.0	33.1	17.0	10.3	6.7
Other job losers	768	100.0	21.1	32.6	46.3	18.1	28.2
Job leavers	354	100.0	33.1	36.2	31.1	14.1	16.9
Reentrants	754	100.0	41.9	35.4	22.5	12.3	10.2
New entrants	121	100.0	43.0	41.3	15.7	6.6	9.1
Both sexes, 16 to 19 years	1,558	100.0	48.3	34.3	17.4	11.4	6.0
Job losers	395	100.0	50.6	38.2	11.1	7.1	4.1
On layoff	115	100.0	67.5	29.8	2.7	.9	4.8
Other job losers	281	100.0	43.9	41.0	14.3	9.3	5.0
Job leavers	134	100.0	61.2	26.1	12.7	6.0	6.7
Reentrants	435	100.0	45.1	38.6	16.4	12.0	4.4
New entrants	594	100.0	46.1	30.3	23.6	15.5	8.1

HOUSEHOLD DATA

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

Sex, age, and race	December 1976								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	7,022	5,799	30.4	6.8	72.6	30.7	15.4	6.0	1.62
16 to 19 years	1,558	1,410	16.7	2.9	81.6	22.7	12.3	4.4	1.41
20 to 24 years	1,567	1,356	34.8	6.9	73.3	35.4	14.5	4.5	1.69
25 to 34 years	1,646	1,322	38.2	10.4	68.6	34.7	15.1	7.3	1.74
35 to 44 years	834	630	33.8	8.4	69.2	32.9	18.3	8.7	1.71
45 to 54 years	827	623	32.4	7.7	64.2	29.1	17.5	7.5	1.58
55 to 64 years	471	349	34.1	5.7	72.2	31.2	22.9	4.0	1.70
65 years and over	120	108	16.7	3.7	65.7	21.3	15.7	14.8	1.38
Males, 16 years and over	4,002	3,201	33.1	7.2	72.8	28.7	16.8	8.0	1.67
16 to 19 years	875	774	16.8	3.1	82.8	21.6	12.0	4.7	1.41
20 to 24 years	925	769	38.4	6.9	74.5	31.9	17.0	5.9	1.75
25 to 34 years	920	713	43.9	11.1	68.6	36.3	17.1	9.4	1.86
35 to 44 years	433	311	32.5	9.3	65.0	25.4	18.6	15.8	1.67
45 to 54 years	494	363	35.8	8.0	65.6	27.3	19.6	10.2	1.67
55 to 64 years	272	197	39.6	5.6	69.0	29.9	26.9	5.1	1.76
65 years and over	83	76	17.1	5.3	67.1	17.1	13.2	15.8	1.36
Females, 16 years and over	3,020	2,598	27.1	6.5	72.4	33.1	13.6	3.6	1.56
16 to 19 years	683	636	16.5	2.7	80.2	24.1	12.6	4.1	1.40
20 to 24 years	641	588	30.1	6.8	71.4	40.0	11.1	2.7	1.62
25 to 34 years	726	610	31.5	9.7	68.4	32.8	12.8	4.8	1.60
35 to 44 years	401	319	35.1	7.5	73.7	40.1	17.6	1.9	1.76
45 to 54 years	333	261	27.6	6.9	62.1	31.4	14.9	3.8	1.47
55 to 64 years	199	152	27.6	5.9	77.0	32.9	17.8	2.6	1.64
65 years and over	37	32	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White	5,632	4,559	28.4	7.1	73.7	31.3	15.3	5.8	1.62
Males	3,235	2,525	31.2	7.4	74.2	29.0	16.4	7.7	1.66
Females	2,396	2,034	24.9	6.5	73.2	34.3	13.9	3.4	1.56
Black and other	1,390	1,240	37.7	6.0	68.6	28.2	15.7	6.9	1.63
Males	767	676	40.1	6.1	67.6	27.8	18.3	9.2	1.69
Females	623	564	34.9	6.0	69.9	28.7	12.6	4.1	1.56

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

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

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

Sex and reason	December 1976								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	7,022	5,799	30.4	6.8	72.6	30.7	15.4	6.0	1.62
Job losers	3,730	2,613	37.5	8.3	70.6	34.2	17.6	7.4	1.76
Job leavers	789	799	31.9	6.8	75.0	31.5	15.8	3.5	1.65
Reentrants	1,691	1,583	25.1	5.7	71.8	28.0	11.6	5.6	1.48
New entrants	812	804	16.3	4.4	78.5	23.6	15.0	5.0	1.43
Males, 16 years and over	4,002	3,201	33.1	7.2	72.8	28.7	16.8	8.0	1.67
Job losers	2,489	1,739	38.1	7.9	69.5	32.9	17.8	9.8	1.76
Job leavers	371	377	35.5	6.4	77.2	28.1	17.8	3.7	1.69
Reentrants	733	678	26.5	6.6	74.6	24.5	13.7	8.1	1.54
New entrants	410	407	20.6	5.4	80.1	18.7	16.5	4.2	1.46
Females, 16 years and over	3,020	2,598	27.1	6.5	72.4	33.1	13.6	3.6	1.56
Job losers	1,241	874	36.4	9.0	73.0	36.8	17.0	2.7	1.75
Job leavers	417	422	28.7	7.1	73.0	34.6	14.0	3.1	1.61
Reentrants	959	904	24.0	5.1	69.8	30.6	10.1	3.7	1.43
New entrants	403	397	11.8	3.3	76.6	28.7	13.6	5.5	1.40

NOTE: See note, table A-15.

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
Total	7,195	7,022	100.0	100.0	2,968	2,763	100.0	100.0
Less than 5 weeks	2,451	2,563	34.1	36.5	913	872	30.8	31.6
5 to 14 weeks	2,197	2,314	30.5	33.0	845	867	28.5	31.4
5 to 10 weeks	1,523	1,540	21.2	21.9	618	587	20.8	21.2
11 to 14 weeks	674	774	9.4	11.0	227	280	7.7	10.1
15 weeks and over	2,548	2,145	35.4	30.5	1,209	1,024	40.7	37.1
15 to 26 weeks	1,120	935	15.6	13.3	457	396	15.4	14.3
27 weeks and over	1,428	1,210	19.8	17.2	752	628	25.3	22.7
27 to 51 weeks	738	630	10.3	9.0	397	329	13.4	11.9
52 weeks and over	689	580	9.6	8.3	355	299	12.0	10.8
Average (mean) duration	16.9	15.6	--	--	19.5	18.7	--	--

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

Sex, age, race, and marital status	Thousands of persons					Average (mean) 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		Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
	December 1976									
Total, 16 years and over	7,022	2,563	2,314	935	1,210	15.6	34.1	36.5	35.4	30.5
16 to 21 years	2,246	1,004	798	267	176	10.3	40.5	44.7	25.3	19.8
16 to 19 years	1,558	753	534	178	93	9.3	43.2	48.3	20.5	17.4
20 to 24 years	1,567	566	564	203	233	14.2	35.5	36.1	35.2	27.8
25 to 34 years	1,646	541	551	234	320	17.0	32.4	32.9	37.2	33.6
35 to 44 years	834	252	259	132	191	19.4	30.8	30.3	43.3	38.6
45 to 54 years	827	290	242	101	195	19.1	27.3	35.1	41.5	35.7
55 to 64 years	471	142	128	68	133	20.9	26.5	30.1	46.8	42.8
65 years and over	120	18	36	20	46	26.7	23.6	15.2	53.3	54.9
Males, 16 years and over	4,002	1,458	1,242	523	779	16.8	32.3	36.4	36.7	32.5
16 to 21 years	1,302	607	435	147	114	10.6	37.0	46.6	28.5	20.0
16 to 19 years	875	464	270	91	50	8.9	41.7	53.1	22.0	16.1
20 to 24 years	925	322	322	118	164	15.6	31.6	34.8	38.4	30.5
25 to 34 years	920	286	305	127	202	18.9	30.7	31.1	37.6	35.8
35 to 44 years	433	122	112	83	115	21.8	31.3	28.1	41.5	45.9
45 to 54 years	494	177	129	53	135	20.9	28.1	35.8	41.8	38.2
55 to 64 years	272	78	75	38	81	21.7	25.6	28.8	47.0	43.7
65 years and over	83	9	30	13	32	23.6	20.2	11.2	57.9	53.2
Females, 16 years and over	3,020	1,105	1,073	412	431	14.1	36.4	36.6	33.6	27.9
16 to 21 years	944	398	363	121	63	10.0	44.8	42.1	21.2	19.4
16 to 19 years	683	288	265	87	43	9.8	45.1	42.2	18.8	19.0
20 to 24 years	641	245	243	85	69	12.3	40.9	38.1	30.7	24.0
25 to 34 years	726	255	246	107	118	14.7	34.8	35.2	36.6	30.9
35 to 44 years	401	131	147	48	75	16.8	30.4	32.6	45.7	30.8
45 to 54 years	333	114	113	47	59	16.4	26.1	34.1	41.2	32.0
55 to 64 years	199	63	53	30	52	19.9	28.0	31.9	46.6	41.5
65 years and over	37	9	6	8	14	33.8	(1)	(1)	(1)	(1)
White	5,632	2,105	1,845	728	954	15.2	33.8	37.4	34.9	29.9
Males	3,235	1,227	996	394	618	16.1	32.9	37.9	35.9	31.3
Females	2,396	878	849	334	335	13.9	35.0	36.6	33.6	27.9
Black and other	1,390	458	469	207	256	17.6	35.2	32.9	37.5	33.3
Males	767	231	246	130	161	19.7	29.6	30.1	40.4	37.9
Females	623	227	224	78	95	15.0	42.0	36.4	34.0	27.7
Males:										
Married, spouse present	1,706	517	535	259	395	18.7	30.2	30.3	40.2	38.3
Widowed, divorced, or separated	401	131	111	51	107	23.0	23.6	32.8	45.8	39.5
Single (never married)	1,896	809	596	214	277	13.8	36.6	42.7	30.8	25.9
Females:										
Married, spouse present	1,406	517	481	202	206	14.4	34.6	36.7	36.8	29.0
Widowed, divorced, or separated	599	203	208	70	119	16.6	34.4	33.9	36.4	31.5
Single (never married)	1,014	385	384	140	106	12.3	40.1	38.0	27.7	24.2

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

HOUSEHOLD DATA

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

Occupation and industry	Thousands of persons					Average (mean) 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		Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
	December 1976									
OCCUPATION										
White-collar workers	1,876	609	591	292	384	17.6	32.0	32.5	38.3	36.0
Professional and managerial	686	190	210	117	167	20.2	25.8	27.7	43.9	41.7
Sales workers	284	112	71	41	60	16.4	35.9	39.4	34.5	35.4
Clerical workers	906	308	309	133	156	16.1	34.8	33.9	35.8	32.0
Blue-collar workers	3,030	1,101	1,006	368	555	16.2	33.2	36.3	38.1	30.5
Craft and kindred workers	839	299	251	109	180	17.2	34.1	35.6	35.1	34.4
Operatives, except transport	1,202	398	442	154	208	16.0	31.2	33.1	40.8	30.1
Transport equipment operatives	292	125	90	26	51	15.4	32.1	42.9	45.2	26.2
Nonfarm laborers	697	279	223	79	116	15.5	36.6	40.0	33.2	28.0
Service workers	1,100	401	376	158	165	14.8	34.3	36.4	30.0	29.4
INDUSTRY¹										
Agriculture	242	121	90	13	17	9.1	44.4	50.1	20.1	12.5
Construction	698	264	225	81	127	15.5	39.7	37.9	29.9	29.8
Manufacturing	1,709	605	526	222	356	17.5	29.1	35.4	45.4	33.8
Durable goods	975	340	281	117	237	18.8	23.6	34.9	51.8	36.3
Non-durable goods	734	265	245	105	119	15.8	37.3	36.1	35.7	30.5
Transportation and public utilities	269	107	80	39	43	14.1	26.7	39.8	50.2	30.5
Wholesale and retail trade	1,356	472	429	203	251	16.6	33.9	34.8	30.6	33.5
Finance and service industries	1,591	530	564	226	272	15.4	32.9	33.3	34.4	31.4
Public administration	179	61	69	23	26	17.2	38.6	34.1	36.2	27.6
No previous work experience	815	351	261	111	92	11.9	40.7	43.1	27.0	24.9

¹ Includes wage and salary workers only.

A-20. Employed persons by sex and age

[In thousands]

Age and type of industry	Total		Males		Females	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
All industries	85,536	88,494	50,993	52,369	34,543	36,125
16 to 19 years	6,765	6,935	3,494	3,641	3,271	3,294
16 to 17 years	2,716	2,740	1,393	1,437	1,324	1,303
18 to 19 years	4,049	4,195	2,101	2,204	1,948	1,991
20 to 24 years	11,797	12,452	6,349	6,776	5,448	5,676
25 to 54 years	53,577	55,442	32,845	33,515	20,731	21,928
25 to 34 years	21,287	22,539	13,128	13,664	8,159	8,875
35 to 44 years	16,067	16,674	9,810	10,039	6,256	6,635
45 to 54 years	16,223	16,229	9,907	9,812	6,316	6,418
55 to 64 years	10,738	10,897	6,628	6,704	4,110	4,192
55 to 59 years	6,594	6,733	4,015	4,114	2,579	2,619
60 to 64 years	4,144	4,163	2,613	2,590	1,531	1,573
65 years and over	2,660	2,768	1,678	1,732	982	1,036
Nonagricultural industries	82,680	85,645	48,559	50,004	34,121	35,641
16 to 19 years	6,471	6,663	3,237	3,401	3,234	3,262
16 to 17 years	2,560	2,608	1,256	1,322	1,304	1,286
18 to 19 years	3,911	4,054	1,981	2,079	1,930	1,976
20 to 24 years	11,510	12,152	6,103	6,510	5,407	5,642
25 to 54 years	52,099	54,001	31,626	32,373	20,472	21,628
25 to 34 years	20,803	22,041	12,725	13,264	8,078	8,777
35 to 44 years	15,654	16,226	9,487	9,700	6,166	6,526
45 to 54 years	15,642	15,734	9,414	9,409	6,228	6,325
55 to 64 years	10,241	10,387	6,190	6,278	4,051	4,109
55 to 59 years	6,327	6,452	3,780	3,880	2,547	2,571
60 to 64 years	3,914	3,936	2,410	2,398	1,504	1,538
65 years and over	2,358	2,442	1,403	1,442	955	1,000
Agriculture	2,856	2,850	2,434	2,365	422	485
16 to 19 years	294	273	257	240	37	32
16 to 17 years	156	132	136	115	19	17
18 to 19 years	138	141	120	126	18	15
20 to 24 years	287	300	246	266	41	34
25 to 54 years	1,477	1,442	1,218	1,142	259	299
25 to 34 years	484	498	403	400	81	97
35 to 44 years	413	448	323	339	90	109
45 to 54 years	580	496	492	403	88	93
55 to 64 years	497	509	438	426	59	83
55 to 59 years	267	282	235	234	32	48
60 to 64 years	230	228	203	192	27	35
65 years and over	301	326	275	290	26	36

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	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
	TOTAL	85,536	88,494	47,499	48,727	31,271	32,831	3,494	3,641	3,271	3,294
White-collar workers	42,854	45,212	20,505	21,283	20,095	21,557	599	658	1,756	1,714
Professional and technical	13,266	13,705	7,673	7,718	5,417	5,845	87	58	89	84
Health workers	2,211	2,406	816	826	1,388	1,562	3	3	15	14
Teachers, except college	3,312	3,253	988	967	2,289	2,265	10	6	25	16
Other professional and technical	7,733	8,046	5,869	5,925	1,740	2,018	74	49	49	54
Managers and administrators, except farm	8,854	9,580	7,045	7,476	1,714	2,019	56	64	39	21
Salaried workers	7,159	7,852	5,690	6,138	1,379	1,640	50	56	39	18
Self-employed workers in retail trade	894	892	666	625	225	261	4	4	--	?
Self-employed workers, except retail trade	802	835	689	713	110	118	3	3	--	2
Sales workers	5,453	5,956	2,751	2,981	1,988	2,259	218	277	496	439
Retail trade	3,140	3,412	877	1,013	1,620	1,780	180	213	463	406
Other industries	2,313	2,544	1,874	1,968	369	479	38	64	32	33
Clerical workers	15,382	15,970	3,036	3,108	10,975	11,433	238	260	1,132	1,170
Stenographers, typists, and secretaries	4,513	4,414	54	45	4,101	4,049	7	2	350	319
Other clerical workers	10,869	11,556	2,982	3,063	6,874	7,384	231	258	782	851
Blue-collar workers	28,234	28,933	21,337	21,817	4,713	4,795	1,866	1,932	319	390
Craft and kindred workers	11,244	11,291	10,338	10,392	558	513	332	350	15	36
Carpenters	1,030	1,039	974	975	7	5	48	58	--	1
Construction craft, except carpenters	2,255	2,220	2,167	2,141	15	20	73	58	1	1
Mechanics and repairers	2,952	3,004	2,770	2,826	29	41	150	135	2	3
Metal craft	1,233	1,221	1,176	1,165	47	34	12	21	--	1
Blue-collar worker supervisors, not elsewhere classified	1,450	1,490	1,309	1,347	138	129	3	8	--	6
All other	2,324	2,318	1,943	1,938	323	285	46	71	12	23
Operatives, except transport	9,897	10,245	5,463	5,620	3,654	3,754	549	612	230	259
Durable goods manufacturing	4,248	4,538	2,758	2,909	1,293	1,384	141	173	57	70
Nondurable goods manufacturing	3,217	3,238	1,226	1,228	1,794	1,792	85	104	112	114
Other industries	2,432	2,469	1,479	1,483	567	578	323	335	61	75
Transport equipment operatives	3,192	3,309	2,803	2,923	191	206	189	163	8	16
Drivers, motor vehicles	2,769	2,800	2,419	2,459	184	191	159	137	7	13
All other	423	509	384	464	7	15	30	26	1	4
Nonfarm laborers	3,902	4,088	2,733	2,882	309	321	795	806	65	78
Construction	601	694	511	564	8	7	80	122	2	1
Manufacturing	1,029	994	788	767	115	119	114	99	12	9
Other industries	2,272	2,400	1,433	1,551	186	196	601	585	52	68
Service workers	11,892	11,935	3,735	3,769	6,185	6,152	798	846	1,175	1,168
Private household workers	1,184	1,197	34	25	883	893	16	9	251	270
Service workers, except private household	10,708	10,737	3,701	3,744	5,302	5,259	781	836	924	899
Food service workers	3,674	3,918	681	736	1,939	2,064	452	512	602	605
Protective service workers	1,283	1,301	1,163	1,187	91	79	24	27	5	7
All other	5,751	5,518	1,857	1,821	3,272	3,116	305	297	317	287
Farm workers	2,455	2,415	1,923	1,859	279	328	232	206	22	22
Farmers and farm managers	1,468	1,370	1,339	1,280	111	78	18	12	--	--
Farm laborers and supervisors	987	1,045	584	579	168	250	214	194	21	22
Paid workers	778	818	561	542	66	110	144	143	7	22
Unpaid family workers	209	227	23	37	102	140	70	51	14	--

HOUSEHOLD DATA

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

[Percent distribution]

Occupation and race	Total		Males		Females	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
TOTAL						
Total employed (thousands)	85,536	88,494	50,993	52,369	34,543	36,125
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	50.2	51.1	41.4	41.9	63.3	64.4
Professional and technical	15.5	15.5	15.2	14.8	15.9	16.4
Managers and administrators, except farm	10.4	10.8	13.9	14.4	5.1	5.6
Sales workers	6.4	6.7	5.8	6.2	7.2	7.5
Clerical workers	18.0	18.0	6.4	6.4	35.1	34.9
Blue-collar workers	33.0	32.7	45.5	45.3	14.6	14.4
Craft and kindred workers	13.1	12.8	20.9	20.5	1.7	1.5
Operatives, except transport	11.6	11.6	11.8	11.9	11.2	11.1
Transport equipment operatives	3.7	3.7	5.9	5.9	.6	.6
Nonfarm laborers	4.6	4.6	6.9	7.0	1.1	1.1
Service workers	13.9	13.5	8.9	8.8	21.3	20.3
Private household workers	1.4	1.4	.1	.1	3.3	3.2
Other service workers	12.5	12.1	8.8	8.7	18.0	17.0
Farm workers	2.9	2.7	4.2	3.9	.9	1.0
Farmers and farm managers	1.7	1.5	2.7	2.5	.3	.2
Farm laborers and supervisors	1.2	1.2	1.6	1.5	.5	.8
White						
Total employed (thousands)	76,345	78,889	46,055	47,209	30,290	31,679
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	52.1	52.9	43.1	43.6	65.8	66.8
Professional and technical	15.9	15.9	15.7	15.4	16.2	16.7
Managers and administrators, except farm	11.1	11.6	14.8	15.3	5.4	6.0
Sales workers	6.8	7.2	6.2	6.6	7.8	8.2
Clerical workers	18.3	18.2	6.3	6.3	36.5	35.9
Blue-collar workers	32.6	32.1	44.7	44.4	14.1	13.9
Craft and kindred workers	13.7	13.2	21.6	21.0	1.7	1.6
Operatives, except transport	11.1	11.1	11.4	11.5	10.7	10.5
Transport equipment operatives	3.6	3.6	5.6	5.5	.6	.7
Nonfarm laborers	4.1	4.2	6.1	6.3	1.1	1.1
Service workers	12.4	12.1	7.9	8.0	19.2	18.3
Private household workers	1.0	1.0	.1	(1)	2.3	2.3
Other service workers	11.4	11.2	7.8	7.9	16.8	16.0
Farm workers	3.0	2.8	4.3	4.0	.9	1.0
Farmers and farm managers	1.9	1.7	2.9	2.7	.4	.2
Farm laborers and supervisors	1.1	1.1	1.4	1.4	.6	.8
Black and other						
Total employed (thousands)	9,190	9,605	4,938	5,159	4,252	4,446
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	34.6	36.2	25.7	26.7	44.8	47.2
Professional and technical	12.3	12.0	10.5	9.9	14.3	14.6
Managers and administrators, except farm	4.4	4.7	5.6	6.2	3.0	2.9
Sales workers	2.6	2.5	2.2	2.5	3.1	2.4
Clerical workers	15.3	17.0	7.4	8.0	24.5	27.4
Blue-collar workers	36.7	37.2	52.6	54.0	18.1	17.8
Craft and kindred workers	8.5	9.0	14.7	15.7	1.4	1.1
Operatives, except transport	15.3	15.5	15.3	15.5	15.4	15.4
Transport equipment operatives	4.5	5.1	7.9	9.2	.4	.3
Nonfarm laborers	8.3	7.7	14.7	13.5	.9	1.0
Service workers	26.6	24.7	18.0	16.4	36.5	34.4
Private household workers	4.8	4.5	.3	.3	10.1	9.5
Other service workers	21.8	20.2	17.8	16.1	26.4	24.9
Farm workers	2.2	1.9	3.6	3.0	.5	.6
Farmers and farm managers	.4	.3	.6	.6	(1)	--
Farm laborers and supervisors	1.8	1.6	2.9	2.4	.4	.6

¹ Less than 0.05 percent.

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

[In thousands]

Age and sex	December 1976								
	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	79,420	1,383	15,131	62,905	5,779	446	1,150	1,456	244
16 to 19 years	6,543	318	480	5,745	91	29	208	14	50
16 to 17 years	2,555	236	117	2,202	42	12	99	9	24
18 to 19 years	3,988	82	363	3,543	49	17	109	5	27
20 to 24 years	11,832	98	1,622	10,111	301	20	207	75	19
25 to 34 years	20,698	145	4,329	16,224	1,263	80	241	220	36
35 to 44 years	14,838	151	3,234	11,453	1,265	123	150	246	53
45 to 54 years	14,274	207	3,162	10,905	1,368	92	151	309	36
55 to 64 years	9,295	275	1,993	7,027	1,010	83	138	337	34
55 to 59 years	5,823	133	1,263	4,427	575	54	88	180	13
60 to 64 years	3,472	142	730	2,600	435	29	50	156	21
65 years and over	1,942	188	313	1,441	481	19	55	255	15
Males, 16 years and over	45,751	151	7,662	37,938	4,202	51	919	1,358	88
16 to 19 years	3,328	46	219	3,063	59	14	176	14	51
16 to 17 years	1,287	43	50	1,194	28	8	82	9	23
18 to 19 years	2,041	3	169	1,869	32	6	93	5	27
20 to 24 years	6,306	15	633	5,657	196	8	180	72	14
25 to 34 years	12,384	15	2,205	10,163	872	8	192	203	5
35 to 44 years	8,770	6	1,685	7,078	929	1	105	227	7
45 to 54 years	8,371	18	1,651	6,703	1,037	1	111	290	2
55 to 64 years	5,510	24	1,097	4,389	754	14	106	319	1
55 to 59 years	3,450	7	678	2,765	424	6	63	172	--
60 to 64 years	2,060	17	418	1,625	330	8	44	147	1
65 years and over	1,082	26	172	884	355	5	49	233	8
Females, 16 years and over	33,669	1,233	7,469	24,967	1,577	395	231	98	156
16 to 19 years	3,215	273	261	2,682	32	15	32	--	--
16 to 17 years	1,268	194	67	1,008	14	4	16	--	1
18 to 19 years	1,947	79	194	1,674	18	11	16	--	--
20 to 24 years	5,526	83	989	4,454	104	12	26	3	5
25 to 34 years	8,314	129	2,124	6,061	392	72	49	17	31
35 to 44 years	6,068	145	1,548	4,375	336	122	45	18	46
45 to 54 years	5,902	189	1,511	4,202	331	92	39	19	34
55 to 64 years	3,785	251	896	2,637	256	69	32	18	33
55 to 59 years	2,373	126	585	1,662	151	48	26	9	13
60 to 64 years	1,412	125	311	976	105	21	7	9	20
65 years and over	859	162	141	556	126	15	6	23	7

A-24. Employed persons by industry and occupation

[In thousands]

Industry	December 1976											
	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	2,850	51	26	12	75	34	18	21	190	--	7	2,415
Mining	838	95	71	13	83	242	262	47	15	--	9	--
Construction	5,256	193	619	12	405	2,943	194	172	694	--	23	--
Manufacturing	20,063	1,980	1,390	452	2,398	3,864	7,776	790	994	--	421	--
Durable goods	11,982	1,324	802	148	1,346	2,615	4,538	383	582	--	244	--
Nondurable goods	8,082	656	588	304	1,052	1,248	3,238	407	412	--	177	--
Transportation and public utilities	5,720	445	554	46	1,330	1,202	155	1,360	486	--	141	--
Wholesale and retail trade	18,855	370	3,542	4,238	3,270	1,392	1,154	688	1,104	--	3,098	--
Wholesale trade	3,484	110	723	826	736	274	203	345	234	--	34	--
Retail trade	15,371	259	2,819	3,412	2,534	1,118	951	343	870	--	3,065	--
Finance, insurance, and real estate	4,793	248	964	1,010	2,157	81	9	12	50	--	263	--
Services	25,446	9,493	1,797	165	4,523	1,250	638	181	413	1,197	5,787	--
Private households	1,411	22	--	--	24	3	5	2	106	1,197	51	--
Other service industries	24,035	9,471	1,797	165	4,499	1,247	633	179	307	--	5,736	--
Public administration	4,673	830	615	9	1,729	283	40	39	142	--	987	--

HOUSEHOLD DATA

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

[In thousands]

Reason not working	All industries		Nonagricultural industries					
			Total		Wage and salary workers ¹			
					Paid absences ²		Unpaid absences ²	
	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976	Dec. 1975	Dec. 1976
Total	3,272	3,222	3,092	3,062	1,209	1,307	1,472	1,377
Vacation	900	866	862	838	601	623	179	156
Illness	1,308	1,259	1,255	1,232	472	548	667	564
Bad weather	104	215	81	164	--	--	--	--
Industrial dispute	117	80	117	80	--	--	--	--
All other reasons	841	803	776	747	136	136	626	657
Males	1,987	1,939	1,818	1,792	821	839	739	695
Vacation	616	575	580	551	424	438	101	72
Illness	788	720	741	697	318	321	361	301
All other reasons ³	583	644	497	544	79	81	278	322
Females	1,285	1,283	1,273	1,270	389	469	732	681
Vacation	284	290	282	287	178	185	78	85
Illness	519	538	514	536	154	227	306	263
All other reasons ³	482	455	477	447	57	57	348	334

¹Excludes private household.

³Includes bad weather and industrial dispute, not shown separately.

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

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

Hours of work	December 1976					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	85,272	82,583	2,690	100.0	100.0	100.0
1-34 hours	20,663	19,687	976	24.2	23.8	36.3
1-4 hours	872	818	54	1.0	1.0	2.0
5-14 hours	4,224	3,964	260	5.0	4.8	9.7
15-29 hours	10,159	9,631	528	11.9	11.7	19.6
30-34 hours	5,408	5,274	134	6.3	6.4	5.0
35 hours and over	64,610	62,896	1,713	75.8	76.2	63.7
35-39 hours	5,809	5,675	134	6.8	6.9	5.0
40 hours	36,018	35,569	450	42.2	43.1	16.7
41 hours and over	22,783	21,652	1,129	26.7	26.2	42.0
41 to 48 hours	9,219	8,990	228	10.8	10.9	8.5
49 to 59 hours	7,913	7,556	356	9.3	9.1	13.2
60 hours and over	5,651	5,106	545	6.6	6.2	20.3
Average hours, total at work	38.6	38.5	40.6	--	--	--
Average hours, workers on full-time schedules	43.2	43.0	49.5	--	--	--

HOUSEHOLD DATA

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

[Numbers in thousands]

Reason for working less than 35 hours	December 1976					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	20,662	6,019	14,643	19,686	5,611	14,075
Economic reasons	3,462	1,403	2,059	3,164	1,210	1,954
Slack work	1,774	1,145	629	1,513	958	555
Material shortages or repairs to plant and equipment	49	49	--	45	45	--
New job started during week	127	127	--	125	125	--
Job terminated during week	83	83	--	83	83	--
Could find only part-time work	1,430	--	1,430	1,398	--	1,398
Other reasons	17,199	4,615	12,584	16,522	4,401	12,122
Does not want, or unavailable for, full-time work	10,532	--	10,532	10,179	--	10,179
Vacation	713	713	--	703	703	--
Illness	1,977	1,781	196	1,937	1,759	178
Bad weather	728	728	--	609	609	--
Industrial dispute	22	22	--	22	22	--
Legal or religious holiday	69	69	--	69	69	--
Full time for this job	1,315	--	1,315	1,282	--	1,282
All other reasons	1,842	1,302	540	1,718	1,237	481
Average hours:						
Economic reasons	21.0	23.3	19.5	21.2	23.8	19.6
Other reasons	20.4	26.3	18.2	20.5	26.6	18.3
Worked 30 to 34 hours:						
Economic reasons	970	523	447	920	485	435
Other reasons	4,438	2,477	1,961	4,354	2,429	1,925

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

[Numbers in thousands]

Industry	December 1976								
	Total at work	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
		On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total ¹	82,583	3,164	12,122	67,297	45,645	8,990	12,662	38.5	43.0
Wage and salary workers	76,701	2,819	11,015	62,867	43,716	8,508	10,643	38.3	42.6
Construction	4,153	278	214	3,661	2,792	407	462	37.7	40.3
Manufacturing	19,008	511	654	17,843	12,524	2,865	2,454	40.9	42.2
Durable goods	11,339	223	235	10,881	7,567	1,796	1,518	41.4	42.3
Nondurable goods	7,669	288	420	6,961	4,956	1,068	937	40.1	42.0
Transportation and public utilities	5,208	149	307	4,752	3,402	560	790	40.8	42.8
Wholesale and retail trade	16,367	860	4,132	11,375	6,895	1,937	2,543	36.6	43.9
Finance, insurance, and real estate	4,352	87	430	3,835	2,760	417	658	39.5	42.2
Service industries	22,319	880	5,006	16,433	11,744	1,772	2,917	35.9	42.6
Private households	1,349	190	723	436	298	45	93	23.3	44.5
All other industries	20,970	690	4,283	15,997	11,446	1,727	2,824	36.7	42.5
Public administration	4,507	37	248	4,222	3,198	446	578	40.7	42.1
Self-employed workers	5,436	329	924	4,183	1,795	457	1,931	41.7	49.0
Unpaid family workers	446	16	183	247	133	25	89	35.5	46.6

¹ Includes mining not shown separately.

HOUSEHOLD DATA

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

[Numbers in thousands]

Sex, age, race, and marital status	December 1976							
	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	82,583	3,164	12,122	67,297	45,645	21,652	38.5	43.0
16 to 21 years	11,118	727	4,497	5,894	4,517	1,377	29.7	41.0
16 to 19 years	6,503	444	3,494	2,565	2,008	557	26.0	40.3
16 to 17 years	2,554	101	2,160	293	242	51	18.2	38.2
18 to 19 years	3,949	342	1,334	2,273	1,766	507	31.1	40.6
20 years and over	76,079	2,720	8,628	64,731	43,637	21,094	39.6	43.1
20 to 24 years	11,814	632	1,792	9,390	6,797	2,593	37.2	41.8
25 years and over	64,265	2,088	6,836	55,341	36,840	18,501	40.0	43.3
25 to 44 years	36,978	1,178	3,393	32,407	21,227	11,180	40.5	43.4
45 to 64 years	24,980	817	2,391	21,772	14,800	6,972	40.3	43.2
65 years and over	2,307	92	1,051	1,164	815	349	29.5	42.7
Males, 16 years and over	48,212	1,444	3,778	42,990	26,068	16,922	41.6	44.4
16 to 21 years	5,694	353	2,085	3,256	2,293	963	31.5	42.0
16 to 19 years	3,309	221	1,667	1,421	1,054	367	27.5	41.0
16 to 17 years	1,286	64	1,047	175	147	28	19.4	38.4
18 to 19 years	2,023	157	620	1,246	907	339	32.7	41.3
20 years and over	44,903	1,224	2,111	41,568	25,013	16,555	42.6	44.5
20 to 24 years	6,344	319	755	5,270	3,373	1,897	39.0	43.2
25 years and over	38,559	905	1,356	36,298	21,640	14,658	43.2	44.7
25 to 44 years	22,242	494	412	21,336	12,404	8,932	43.8	44.8
45 to 64 years	14,954	374	387	14,193	8,700	5,493	43.3	44.6
65 years and over	1,362	37	558	767	533	234	31.1	43.0
Females, 16 years and over	34,371	1,720	8,343	24,308	19,578	4,730	34.2	40.5
16 to 21 years	5,425	375	2,411	2,639	2,225	414	27.9	39.8
16 to 19 years	3,194	223	1,827	1,144	954	190	24.5	39.5
16 to 17 years	1,268	37	1,113	118	94	24	16.9	38.0
18 to 19 years	1,926	186	714	1,026	859	167	29.4	39.7
20 years and over	31,177	1,497	6,516	23,164	18,624	4,540	35.2	40.6
20 to 24 years	5,470	313	1,038	4,119	3,423	696	35.0	40.1
25 years and over	25,707	1,184	5,478	19,045	15,201	3,844	35.2	40.7
25 to 44 years	14,736	684	2,981	11,071	8,821	2,250	35.5	40.6
45 to 64 years	10,026	444	2,004	7,578	6,100	1,478	35.8	40.7
65 years and over	945	54	494	397	282	115	27.1	42.1
RACE								
White	73,613	2,612	11,113	59,888	39,546	20,342	38.7	43.2
Males	43,473	1,222	3,420	38,831	22,851	15,980	41.9	44.7
Females	30,139	1,389	7,693	21,057	16,695	4,362	34.1	40.6
Black and other	8,970	552	1,008	7,410	6,100	1,310	37.0	40.8
Males	4,739	222	358	4,159	3,217	942	38.9	41.6
Females	4,231	331	650	3,250	2,882	368	35.0	39.8
MARITAL STATUS								
Males:								
Married, spouse present	35,060	734	1,139	33,187	19,489	13,698	43.4	44.8
Widowed, divorced, or separated	3,314	160	100	2,994	1,837	1,157	41.6	44.1
Single (never married)	9,837	550	2,479	6,808	4,740	2,068	34.9	42.5
Females:								
Married, spouse present	19,836	910	4,800	14,126	11,513	2,613	34.4	40.3
Widowed, divorced, or separated	6,242	374	937	4,931	3,868	1,063	36.7	41.0
Single (never married)	8,293	435	2,606	5,252	4,198	1,054	31.9	40.6

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

[Numbers in thousands]

Occupational group and sex	December 1976								
	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									
White-collar workers	43,810	1,022	6,482	36,306	23,702	4,543	8,061	39.4	43.7
Professional and technical	13,322	249	1,641	11,432	7,281	1,475	2,676	40.1	43.8
Managers and administrators, except farm	9,291	102	438	8,751	4,057	1,244	3,450	46.1	47.8
Sales workers	5,719	246	1,481	3,992	2,349	570	1,073	36.8	44.4
Clerical workers	15,478	425	2,921	12,132	10,018	1,253	861	35.8	40.3
Blue-collar workers	27,685	1,380	1,951	24,354	16,888	3,713	3,753	39.6	42.3
Craft and kindred workers	10,794	393	379	10,022	6,734	1,632	1,656	40.8	42.4
Operatives, except transport	9,856	517	642	8,697	6,384	1,302	1,011	39.3	41.7
Transport equipment operatives	3,158	138	260	2,760	1,566	420	774	42.1	45.2
Nonfarm laborers	3,877	330	670	2,877	2,204	359	314	34.9	40.7
Service workers	11,497	802	3,760	6,935	5,235	776	924	32.5	42.1
Private household	1,168	144	643	381	274	37	70	23.1	43.3
Other service workers	10,329	658	3,117	6,554	4,962	738	854	33.5	42.0
Males									
White-collar workers	21,322	275	1,435	19,612	10,324	2,797	6,491	44.0	46.2
Professional and technical	7,611	93	451	7,067	4,071	922	2,074	43.4	45.4
Managers and administrators, except farm	7,298	73	197	7,028	2,973	1,001	3,054	47.6	48.7
Sales workers	3,156	60	409	2,687	1,347	416	924	41.8	46.0
Clerical workers	3,257	50	378	2,829	1,933	458	438	39.4	42.6
Blue-collar workers	22,725	995	1,377	20,353	13,602	3,255	3,496	40.3	42.7
Craft and kindred workers	10,271	366	297	9,608	6,430	1,574	1,604	41.0	42.5
Operatives, except transport	6,017	212	366	5,439	3,663	943	833	40.7	42.8
Transport equipment operatives	2,947	125	155	2,667	1,493	409	765	43.1	45.4
Nonfarm laborers	3,491	292	559	2,640	2,018	329	293	35.2	40.8
Service workers	4,443	201	996	3,246	2,269	395	582	36.6	43.6
Private household	35	4	17	14	11	1	2	27.7	45.7
Other service workers	4,409	198	979	3,232	2,257	394	581	36.7	43.6
Females									
White-collar workers	22,488	747	5,046	16,695	13,379	1,746	1,570	35.1	40.6
Professional and technical	5,711	155	1,190	4,366	3,210	553	603	35.8	41.3
Managers and administrators, except farm	1,993	30	242	1,721	1,081	243	397	40.8	44.1
Sales workers	2,563	187	1,072	1,304	1,003	154	147	30.6	40.9
Clerical workers	12,221	376	2,543	9,302	8,083	796	423	34.9	39.6
Blue-collar workers	4,959	385	574	4,000	3,284	458	258	36.3	40.0
Craft and kindred workers	523	28	83	412	303	58	51	37.0	41.1
Operatives, except transport	3,839	306	276	3,257	2,720	360	177	37.1	39.8
Transport equipment operatives	211	13	105	93	72	11	10	27.8	40.4
Nonfarm laborers	387	39	111	237	186	30	21	32.3	39.8
Service workers	7,054	601	2,764	3,689	2,966	380	343	29.8	40.7
Private household	1,134	142	627	365	260	36	69	22.9	43.2
Other service workers	5,920	460	2,137	3,323	2,704	345	274	31.2	40.4

HOUSEHOLD DATA

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

[Numbers in thousands]

Employment status	December 1976								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	8,373	4,260	4,113	7,058	3,601	3,458	1,315	659	655
Civilian labor force	1,413	686	727	1,316	635	681	98	52	46
Employed	1,221	568	653	1,165	542	623	56	26	31
Agriculture	69	62	7	70	62	8	--	--	--
Nonagricultural industries	1,151	506	646	1,095	480	615	56	26	31
Unemployed	193	119	74	151	92	59	42	26	16
Unemployment rate	13.7	17.4	10.2	11.5	14.5	8.7	42.7	(1)	(1)
Not in labor force	6,959	3,574	3,386	5,742	2,966	2,776	1,217	608	609
Keeping house	53	8	45	34	7	27	19	1	18
Going to school	6,813	3,517	3,296	5,630	2,919	2,711	1,183	599	584
Unable to work	8	4	4	7	4	2	2	--	2
All other reasons	85	44	41	72	36	36	13	8	5

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

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

Characteristics	December 1976					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,221	568	653	100.0	100.0	100.0
Nonagricultural industries	1,151	506	646	94.3	89.2	98.8
Wage and salary workers	1,046	421	625	85.7	74.2	95.6
Private household workers	497	71	426	40.7	12.5	65.1
Government workers	29	13	16	2.4	2.3	2.4
Other wage and salary workers	519	336	183	42.5	59.4	28.0
Self-employed workers	95	79	17	7.8	14.0	2.6
Unpaid family workers	11	6	4	.9	1.1	.6
Agriculture	69	62	7	5.7	10.8	1.2
Wage and salary workers	37	31	6	3.0	5.5	.9
Self-employed workers	1	1	--	.1	.2	--
Unpaid family workers	31	29	2	2.5	5.1	.3
OCCUPATION						
Total	1,221	568	653	100.0	100.0	100.0
White-collar workers	306	204	102	25.1	36.0	15.6
Professional and technical	8	4	4	.7	.7	.6
Managers and administrators, except farm	2	1	--	.2	.2	--
Sales workers	245	183	62	20.1	32.3	9.5
Clerical workers	51	16	36	4.2	2.8	5.5
Blue-collar workers	186	159	27	15.2	27.9	4.1
Craft and kindred workers	12	12	--	1.0	2.1	--
Operatives, except transport	38	20	18	3.1	3.5	2.8
Transport equipment operatives	6	6	--	.5	1.1	--
Nonfarm laborers	129	120	9	10.6	21.2	1.4
Service workers	666	148	518	54.6	26.3	79.3
Private household workers	462	31	431	37.9	5.5	66.0
Other service workers	204	118	87	16.7	20.8	13.3
Farm workers	62	56	6	5.1	9.9	.9
Farmers and farm managers	1	1	--	.1	.2	--
Farm laborers and supervisors	61	55	6	5.0	9.7	.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

[Numbers in thousands]

Employment status	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total noninstitutional population ¹	154,700	154,915	155,106	155,325	155,516	155,711	155,925	156,142	156,367	156,595	156,788	157,006	157,176
Total labor force	95,286	95,624	95,601	95,866	96,583	96,699	96,780	97,473	97,634	97,348	97,489	98,048	98,056
Percent of total population	61.6	61.7	61.6	61.7	62.1	62.1	62.1	62.4	62.4	62.2	62.2	62.4	62.4
Civilian noninstitutional population ¹	152,543	152,775	152,960	153,178	153,371	153,570	153,788	154,002	154,220	154,451	154,642	154,857	155,031
Civilian labor force	93,129	93,484	93,455	93,719	94,439	94,557	94,643	95,333	95,487	95,203	95,342	95,899	95,910
Percent of civilian population	61.1	61.2	61.1	61.2	61.6	61.6	61.5	61.9	61.9	61.6	61.7	61.9	61.9
Employed	85,394	86,194	86,319	86,692	87,399	87,697	87,500	87,907	87,981	87,819	87,773	88,130	88,352
Percent of civilian population	56.0	56.4	56.4	56.6	57.0	57.1	56.9	57.1	57.0	56.9	56.8	56.9	57.0
Agriculture	3,236	3,343	3,170	3,179	3,417	3,329	3,294	3,341	3,424	3,286	3,329	3,232	3,232
Nonagricultural industries.....	82,158	82,851	83,149	83,513	83,982	84,368	84,206	84,566	84,557	84,533	84,444	84,898	85,120
Unemployed	7,735	7,290	7,136	7,027	7,040	6,860	7,143	7,426	7,506	7,384	7,569	7,769	7,558
Unemployment rate	8.3	7.8	7.6	7.5	7.5	7.3	7.5	7.8	7.9	7.8	7.9	8.1	7.9
Not in labor force	59,414	59,291	59,505	59,459	58,932	59,013	59,145	58,669	58,733	59,248	59,300	58,958	59,121
Males, 20 years and over													
Total noninstitutional population ¹	65,643	65,739	65,821	65,920	66,002	66,087	66,182	66,279	66,384	66,491	66,598	66,699	66,835
Total labor force	52,651	52,576	52,603	52,623	53,010	53,144	53,144	53,387	53,436	53,563	53,682	53,869	53,747
Percent of total population	80.2	80.0	79.9	79.8	80.3	80.4	80.3	80.5	80.5	80.6	80.6	80.8	80.4
Civilian noninstitutional population ¹	63,929	64,055	64,133	64,230	64,311	64,398	64,492	64,586	64,688	64,796	64,902	65,001	65,140
Civilian labor force	50,937	50,892	50,914	50,934	51,319	51,455	51,454	51,694	51,740	51,869	51,986	52,171	52,052
Percent of civilian population	79.7	79.5	79.4	79.3	79.8	79.9	79.8	80.0	80.0	80.0	80.1	80.3	79.9
Employed	47,586	47,916	47,997	48,081	48,524	48,596	48,391	48,535	48,682	48,721	48,716	48,768	48,817
Agriculture	2,316	2,351	2,305	2,301	2,405	2,427	2,430	2,449	2,415	2,326	2,342	2,271	2,261
Nonagricultural industries.....	45,270	45,565	45,692	45,780	46,119	46,169	45,961	46,086	46,267	46,395	46,374	46,497	46,556
Unemployed	3,351	2,976	2,917	2,853	2,795	2,859	3,063	3,159	3,058	3,148	3,270	3,403	3,235
Unemployment rate	6.6	5.8	5.7	5.6	5.4	5.6	6.0	6.1	5.9	6.1	6.3	6.5	6.2
Not in labor force	12,992	13,163	13,219	13,296	12,992	12,943	13,038	12,892	12,948	12,927	12,916	12,830	13,088
Females, 20 years and over													
Civilian noninstitutional population ¹	72,251	72,354	72,452	72,561	72,653	72,753	72,857	72,966	73,078	73,196	73,288	73,401	73,445
Civilian labor force	33,415	33,683	33,687	33,865	34,019	33,972	34,290	34,583	34,639	34,505	34,396	34,790	34,952
Percent of population	46.2	46.6	46.5	46.7	46.8	46.7	47.1	47.4	47.4	47.1	46.9	47.4	47.6
Employed	30,755	31,140	31,165	31,398	31,523	31,664	31,845	31,958	31,988	31,907	31,799	32,126	32,311
Agriculture	483	545	420	442	540	473	479	488	546	524	562	554	567
Nonagricultural industries.....	30,272	30,595	30,745	30,956	30,983	31,191	31,366	31,470	31,442	31,383	31,237	31,572	31,744
Unemployed	2,660	2,543	2,522	2,467	2,496	2,308	2,445	2,625	2,651	2,598	2,597	2,664	2,641
Unemployment rate	8.0	7.5	7.5	7.3	7.3	6.8	7.1	7.6	7.7	7.5	7.6	7.7	7.6
Not in labor force	38,836	38,671	38,765	38,696	38,634	38,781	38,567	38,383	38,439	38,691	38,892	38,611	38,493
Both sexes, 16-19 years													
Civilian noninstitutional population ¹	16,363	16,366	16,376	16,387	16,407	16,419	16,439	16,450	16,454	16,458	16,452	16,455	16,446
Civilian labor force	8,777	8,909	8,854	8,920	9,101	9,130	8,899	9,056	9,108	8,829	8,960	8,938	8,906
Percent of population	53.6	54.4	54.1	54.4	55.5	55.6	54.1	55.1	55.4	53.6	54.5	54.3	54.2
Employed	7,053	7,138	7,157	7,213	7,352	7,437	7,264	7,414	7,311	7,191	7,258	7,236	7,224
Agriculture	437	447	445	436	472	429	385	404	463	436	425	407	404
Nonagricultural industries.....	6,616	6,691	6,712	6,777	6,880	7,008	6,879	7,010	6,848	6,755	6,833	6,829	6,820
Unemployed	1,724	1,771	1,697	1,707	1,749	1,693	1,635	1,642	1,797	1,638	1,702	1,702	1,682
Unemployment rate	19.6	19.9	19.2	19.1	19.2	18.5	18.4	18.1	19.7	18.6	19.0	19.0	18.9
Not in labor force	7,586	7,457	7,522	7,467	7,306	7,289	7,540	7,394	7,346	7,629	7,492	7,517	7,540

¹ Because seasonality, by definition, does not exist in population figures, these figures are not seasonally adjusted.

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.
c=corrected.

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

[Numbers in thousands]

Full- and part-time employment status	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
FULL TIME													
Total, 16 years and over:													
Civilian labor force	79,824	79,801	79,900	80,283	80,633	80,750	80,499	81,083	81,186	80,959	81,439	81,951	82,080
Employed	73,500	73,962	74,222	74,646	75,024	75,299	74,663	75,181	75,127	74,870	75,218	75,625	75,887
Unemployed	6,324	5,839	5,678	5,637	5,609	5,451	5,836	5,902	6,059	6,089	6,221	6,326	6,193
Unemployment rate	7.9	7.3	7.1	7.0	7.0	6.8	7.2	7.3	7.5	7.5	7.6	7.7	7.5
PART TIME													
Total, 16 years and over:													
Civilian labor force	13,295	13,760	13,657	13,480	13,911	13,651	14,150	14,305	14,511	14,466	14,016	13,964	13,840
Employed	11,893	12,317	12,231	12,098	12,425	12,263	12,875	12,768	13,074	13,116	12,585	12,499	12,485
Unemployed	1,402	1,442	1,426	1,382	1,486	1,388	1,275	1,537	1,437	1,350	1,431	1,465	1,355
Unemployment rate	10.5	10.5	10.4	10.3	10.7	10.2	9.0	10.7	9.9	9.3	10.2	10.5	9.8

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

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

[Numbers in thousands]

Characteristics	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WHITE													
Total, 16 years and over:													
Civilian labor force	82,474	82,738	82,715	82,961	83,451	83,642	83,805	84,359	84,503	84,371	84,595	84,837	84,767
Employed	76,223	76,839	77,101	77,282	77,867	78,087	78,120	78,341	78,468	78,365	78,402	78,572	78,743
Unemployed	6,251	5,899	5,614	5,679	5,584	5,555	5,685	6,018	6,035	6,006	6,193	6,265	6,024
Unemployment rate	7.6	7.1	6.8	6.8	6.7	6.6	6.8	7.1	7.1	7.1	7.3	7.4	7.1
Males, 20 years and over:													
Civilian labor force	45,631	45,620	45,659	45,726	45,954	46,098	46,140	46,320	46,381	46,551	46,678	46,723	46,595
Employed	42,954	43,229	43,363	43,399	43,685	43,730	43,658	43,698	43,842	43,897	43,966	43,979	43,978
Unemployed	2,677	2,391	2,296	2,327	2,269	2,368	2,482	2,622	2,539	2,654	2,712	2,744	2,567
Unemployment rate	5.9	5.2	5.0	5.1	4.9	5.1	5.4	5.7	5.5	5.7	5.8	5.9	5.5
Females, 20 years and over:													
Civilian labor force	29,012	29,137	29,137	29,276	29,379	29,403	29,673	29,874	29,985	29,857	29,866	30,128	30,236
Employed	26,830	27,086	27,177	27,291	27,410	27,542	27,754	27,805	27,900	27,821	27,731	27,969	28,149
Unemployed	2,182	2,051	1,960	1,985	1,969	1,861	1,919	2,069	2,085	2,036	2,135	2,159	2,087
Unemployment rate	7.5	7.0	6.7	6.8	6.7	6.3	6.5	6.9	7.0	6.8	7.1	7.2	6.9
Both sexes, 16 to 19 years:													
Civilian labor force	7,831	7,981	7,919	7,959	8,118	8,141	7,992	8,165	8,137	7,963	8,051	7,986	7,986
Employed	6,439	6,524	6,561	6,592	6,772	6,815	6,708	6,838	6,726	6,647	6,705	6,624	6,616
Unemployed	1,392	1,457	1,358	1,367	1,346	1,326	1,284	1,327	1,411	1,316	1,346	1,362	1,370
Unemployment rate	17.8	18.3	17.1	17.2	16.6	16.3	16.1	16.3	17.3	16.5	16.7	17.1	17.2
BLACK AND OTHER													
Total, 16 years and over:													
Civilian labor force	10,653	10,731	10,795	10,748	10,901	10,838	10,826	10,867	11,003	10,930	10,923	11,127	11,111
Employed	9,188	9,314	9,315	9,407	9,489	9,511	9,382	9,466	9,505	9,538	9,448	9,619	9,601
Unemployed	1,465	1,417	1,480	1,341	1,412	1,327	1,444	1,401	1,498	1,392	1,475	1,508	1,510
Unemployment rate	13.8	13.2	13.7	12.5	13.0	12.2	13.3	12.9	13.6	12.7	13.5	13.6	13.6
Males, 20 years and over:													
Civilian labor force	5,285	5,245	5,276	5,182	5,319	5,348	5,367	5,348	5,377	5,393	5,393	5,472	5,481
Employed	4,633	4,657	4,686	4,649	4,788	4,854	4,792	4,795	4,842	4,874	4,806	4,811	4,833
Unemployed	652	588	590	533	531	494	575	553	535	519	587	661	648
Unemployment rate	12.3	11.2	11.2	10.3	10.0	9.2	10.7	10.3	9.9	9.6	10.9	12.1	11.8
Females, 20 years and over:													
Civilian labor force	4,419	4,527	4,581	4,610	4,626	4,553	4,591	4,611	4,649	4,645	4,611	4,703	4,697
Employed	3,940	4,030	4,021	4,145	4,120	4,081	4,072	4,073	4,079	4,115	4,076	4,194	4,149
Unemployed	479	497	560	465	506	472	519	538	570	530	535	509	548
Unemployment rate	10.8	11.0	12.2	10.1	10.9	10.4	11.3	11.7	12.3	11.4	11.6	10.8	11.7
Both sexes, 16 to 19 years:													
Civilian labor force	949	959	938	956	956	937	868	908	977	892	919	952	933
Employed	615	627	608	613	581	576	518	598	584	549	566	614	619
Unemployed	334	332	330	343	375	361	350	310	393	343	353	338	314
Unemployment rate	35.2	34.6	35.2	35.9	39.2	38.5	40.3	34.1	40.2	38.5	38.4	35.5	33.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Selected categories	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Characteristics													
Total (all civilian workers)	8.3	7.8	7.6	7.5	7.5	7.3	7.5	7.8	7.9	7.8	7.9	8.1	7.9
Males, 20 years and over	6.6	5.8	5.7	5.6	5.4	5.6	6.0	6.1	5.9	6.1	6.3	6.5	6.2
Females, 20 years and over	8.0	7.5	7.5	7.3	7.3	6.8	7.1	7.6	7.7	7.5	7.6	7.7	7.6
Both sexes, 16-19 years	19.6	19.9	19.2	19.1	19.2	18.5	18.4	18.1	19.7	18.6	19.0	19.0	18.9
White	7.6	7.1	6.8	6.8	6.7	6.6	6.8	7.1	7.1	7.1	7.3	7.4	7.1
Black and other	13.8	13.2	13.7	12.5	13.0	12.2	13.3	12.9	13.6	12.7	13.5	13.6	13.6
Household heads	5.7	5.1	4.9	5.0	4.8	4.8	5.1	5.4	5.2	5.4	5.4	5.4	5.2
Married men	4.8	4.1	4.1	4.1	3.9	4.0	4.4	4.5	4.2	4.6	4.4	4.6	4.3
Full-time workers	7.9	7.3	7.1	7.0	7.0	6.8	7.4	7.3	7.5	7.5	7.6	7.7	7.5
Part-time workers	10.5	10.5	10.4	10.3	10.7	10.2	9.0	10.7	9.9	9.3	10.2	10.5	9.8
Unemployed 15 weeks and over ¹	3.3	3.0	2.7	2.4	2.2	2.1	2.3	2.4	2.5	2.4	2.4	2.7	2.7
Labor force time lost ²	8.9	8.4	8.1	8.2	8.2	8.1	7.7	7.9	8.2	8.4	8.8	8.8	8.5
OCCUPATION													
White-collar workers	4.8	4.7	4.6	4.6	4.8	4.6	4.4	4.8	5.0	4.5	4.5	4.7	4.5
Professional and technical	3.1	3.0	3.6	3.5	3.4	3.2	2.9	3.1	3.1	3.0	3.1	3.6	3.2
Managers and administrators, except farm	3.0	2.9	2.9	2.9	2.8	3.2	3.1	3.5	3.5	3.2	2.8	3.0	3.1
Sales workers	6.3	6.4	5.2	5.0	4.9	4.8	5.1	5.4	5.9	5.4	5.4	5.9	5.3
Clerical workers	6.6	6.4	6.1	6.3	7.0	6.4	6.1	6.7	7.0	6.2	6.2	6.2	6.0
Blue-collar workers	10.7	9.4	9.3	9.1	9.0	9.0	9.3	9.6	9.8	9.8	9.7	9.8	9.7
Craft and kindred workers	7.2	6.6	6.7	6.7	7.0	6.2	7.3	7.4	7.0	7.0	6.8	7.2	6.9
Operatives	12.2	10.2	9.8	9.8	9.3	9.5	9.8	10.1	10.3	10.5	10.7	10.7	10.5
Nonfarm laborers	14.9	14.1	14.1	12.9	13.2	14.0	12.7	13.2	14.8	14.5	13.9	13.2	14.0
Service workers	9.2	9.3	8.9	8.6	8.1	8.1	8.6	8.5	8.5	8.6	9.5	9.2	9.0
Farm workers	4.5	3.9	3.9	5.0	4.8	5.0	4.1	4.5	3.5	3.7	4.0	5.0	6.6
INDUSTRY													
Nonagricultural private wage and salary workers ³	8.9	8.1	8.0	7.7	7.6	7.6	7.8	8.0	8.2	8.0	8.1	8.3	8.1
Construction	16.6	15.4	15.5	16.0	15.3	14.1	17.0	17.7	17.1	15.8	14.9	15.4	13.9
Manufacturing	9.6	8.1	8.0	7.3	7.6	7.3	7.6	7.8	8.2	8.0	8.2	8.3	8.5
Durable goods	9.9	8.2	8.0	7.4	7.7	7.4	7.5	7.3	7.7	7.4	8.1	7.7	8.3
Nondurable goods	9.2	8.0	8.1	7.1	7.6	7.3	7.7	8.4	8.9	8.9	8.2	9.1	8.7
Transportation and public utilities	5.1	4.9	4.7	4.5	4.1	5.3	5.2	5.2	4.7	5.4	5.6	5.7	5.1
Wholesale and retail trade	9.4	8.7	8.4	8.7	8.3	8.1	8.2	8.5	9.0	8.8	9.0	9.2	8.4
Finance and service industries	7.0	7.0	6.8	6.1	6.2	6.4	6.3	6.4	6.5	6.3	6.6	6.9	6.9
Government workers	4.4	4.2	4.4	4.5	5.0	4.8	4.2	4.5	4.4	3.8	4.4	4.4	4.4
Agricultural wage and salary workers	12.4	10.8	10.6	11.8	11.6	13.1	10.9	12.4	10.0	10.6	11.2	13.1	14.6

¹ Unemployment as a percent of 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	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Duration													
Less than 5 weeks	2,648	2,706	2,686	2,609	2,979	2,855	2,618	2,951	2,829	2,828	3,010	2,739	2,768
5 to 14 weeks	2,244	2,091	1,856	1,905	1,883	1,947	2,261	2,028	2,427	2,453	2,355	2,608	2,364
15 weeks and over	3,080	2,785	2,515	2,294	2,035	1,998	2,215	2,317	2,387	2,314	2,330	2,556	2,594
15 to 26 weeks	1,413	1,155	957	903	669	830	914	1,116	1,143	1,123	1,066	1,211	1,182
27 weeks and over	1,667	1,630	1,558	1,391	1,366	1,168	1,301	1,201	1,244	1,191	1,264	1,345	1,412
Average (mean) duration, in weeks	17.0	16.9	16.2	15.8	15.7	15.0	16.9	15.8	15.5	15.4	15.4	15.6	15.7
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	33.2	35.7	38.1	38.3	43.2	42.0	36.9	40.4	37.0	37.2	39.1	34.7	35.8
5 to 14 weeks	28.1	27.6	26.3	28.0	27.3	28.6	31.9	27.8	31.8	32.3	30.6	33.0	30.6
15 weeks and over	38.6	36.7	35.6	33.7	29.5	29.4	31.2	31.8	31.2	30.5	30.3	32.3	33.6
15 to 26 weeks	17.7	15.2	13.6	13.3	9.7	12.2	12.9	15.3	15.0	14.8	13.9	15.3	15.3
27 weeks and over	20.9	21.5	22.1	20.4	19.8	17.2	18.3	16.5	16.3	15.7	16.4	17.0	18.3

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-38. Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	8.3	7.8	7.6	7.5	7.5	7.3	7.5	7.8	7.9	7.8	7.9	8.1	7.9
16 to 19 years	19.6	19.9	19.2	19.1	19.2	18.5	18.4	18.1	19.7	18.6	19.0	19.0	18.9
16 to 17 years	20.6	21.2	21.4	20.0	20.8	21.9	21.5	20.8	22.5	20.5	21.3	21.4	20.4
18 to 19 years	18.9	19.0	17.5	18.6	18.2	16.4	15.6	15.9	18.0	17.8	17.3	17.4	17.7
20 to 24 years	13.5	12.7	12.1	12.1	11.8	11.1	11.4	11.2	11.8	11.5	12.8	13.0	12.8
25 years and over	5.9	5.4	5.3	5.1	5.1	5.0	5.5	5.9	5.6	5.7	5.6	5.8	5.6
25 to 54 years	6.2	5.5	5.5	5.2	5.3	5.3	5.7	6.1	5.8	5.9	5.9	6.0	6.0
55 years and over	5.0	4.5	4.8	4.8	4.6	4.2	4.7	4.8	4.8	4.8	4.5	4.7	4.2
Males, 16 years and over	7.6	7.1	6.9	6.8	6.7	6.8	7.0	7.2	7.0	7.1	7.4	7.6	7.3
16 to 19 years	19.0	20.1	19.3	19.3	20.1	19.4	18.5	18.4	18.8	18.8	19.5	19.5	18.6
16 to 17 years	19.3	21.5	21.0	20.8	21.5	23.1	21.3	21.0	21.8	21.2	22.1	21.8	20.1
18 to 19 years	18.7	19.6	17.8	18.4	19.1	16.9	15.9	16.4	16.7	17.8	17.5	17.8	17.1
20 to 24 years	13.8	12.8	11.9	12.0	11.2	11.3	11.7	11.9	11.8	11.6	13.0	12.8	13.2
25 years and over	5.4	4.7	4.6	4.5	4.5	4.4	5.0	5.1	4.9	5.1	5.1	5.4	5.0
25 to 54 years	5.6	4.8	4.6	4.3	4.6	4.5	5.1	5.4	5.1	5.2	5.3	5.6	5.4
55 years and over	4.7	4.2	4.6	5.0	4.4	4.4	4.8	4.2	4.5	4.6	4.2	4.4	3.8
Females, 16 years and over	9.3	8.9	8.7	8.6	8.5	8.0	8.3	8.7	9.1	8.7	8.7	8.8	8.8
16 to 19 years	20.3	19.6	19.1	18.9	18.1	17.5	18.2	17.8	20.8	18.3	18.3	18.5	19.3
16 to 17 years	22.2	20.8	21.7	19.1	19.9	20.5	21.6	20.7	23.3	19.7	20.3	20.9	20.6
18 to 19 years	19.1	18.4	17.2	18.8	17.1	15.9	15.3	15.3	19.5	17.7	17.1	16.9	18.3
20 to 24 years	13.1	12.7	12.2	12.2	12.6	10.8	11.0	10.4	11.8	11.4	12.5	13.3	12.3
25 years and over	6.8	6.4	6.4	6.2	6.1	6.0	6.3	7.1	6.6	6.7	6.4	6.4	6.5
25 to 54 years	7.2	6.6	6.9	6.5	6.5	6.4	6.7	7.3	7.0	7.0	7.0	6.7	7.0
55 years and over	5.4	5.1	5.0	4.5	4.9	4.0	4.5	5.8	5.2	5.2	4.9	5.2	4.7

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

[Numbers in thousands]

Reason for unemployment	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
NUMBER OF UNEMPLOYED													
Job losers	3,955	3,481	3,440	3,502	3,499	3,461	3,623	3,843	3,781	3,756	3,778	3,925	3,715
Job leavers	862	849	848	760	831	881	882	964	1,008	929	953	862	836
Reentrants	1,975	1,985	1,864	1,857	1,833	1,781	1,795	1,856	1,935	1,895	1,903	2,091	1,982
New entrants	865	886	849	853	894	856	805	795	951	932	894	922	949
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	51.7	48.3	49.1	50.2	49.6	49.6	51.0	51.5	49.3	50.0	50.2	50.3	49.7
Job leavers	11.3	11.8	12.1	10.9	11.8	12.6	12.4	12.9	13.1	12.4	12.7	11.1	11.2
Reentrants	25.8	27.6	26.6	26.6	26.0	25.5	25.3	24.9	25.2	25.2	25.3	26.8	26.5
New entrants	11.3	12.3	12.1	12.2	12.7	12.3	11.3	10.7	12.4	12.4	11.9	11.8	12.7
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	4.2	3.7	3.7	3.7	3.7	3.7	3.8	4.0	4.0	3.9	4.0	4.1	3.9
Job leavers .....	.9	.9	.9	.8	.9	.9	.9	1.0	1.1	1.0	1.0	.9	.9
Reentrants	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.2	2.1
New entrants .....	.9	.9	.9	.9	.9	.9	.9	.8	1.0	1.0	.9	1.0	1.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

[Numbers in thousands]

Sex and age	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total, 16 years and over	85,394	86,194	86,319	86,692	87,399	87,697	87,500	87,907	87,981	87,819	87,773	88,130	88,352
16 to 19 years	7,053	7,138	7,157	7,213	7,352	7,437	7,264	7,414	7,311	7,191	7,258	7,236	7,224
16 to 17 years	2,887	2,973	2,877	2,921	2,998	2,914	2,847	3,011	2,970	2,912	2,864	2,888	2,917
18 to 19 years	4,162	4,197	4,281	4,267	4,360	4,483	4,404	4,406	4,333	4,292	4,403	4,349	4,315
20 to 24 years	11,753	11,898	12,056	12,075	12,290	12,430	12,368	12,511	12,302	12,334	12,253	12,363	12,408
25 years and over	66,634	67,257	67,116	67,411	67,744	67,818	67,904	67,886	68,268	68,358	68,347	68,496	68,756
25 to 54 years	53,133	53,702	53,732	54,037	54,290	54,373	54,535	54,516	54,809	54,829	54,758	54,810	54,974
55 years and over	13,455	13,547	13,491	13,399	13,403	13,395	13,382	13,406	13,515	13,579	13,584	13,628	13,726
Males, 16 years and over	51,390	51,761	51,870	51,944	52,490	52,554	52,243	52,501	52,655	52,564	52,613	52,631	52,771
16 to 19 years	3,804	3,845	3,873	3,863	3,966	3,958	3,852	3,966	3,973	3,843	3,897	3,863	3,954
16 to 17 years	1,587	1,610	1,573	1,565	1,666	1,557	1,522	1,645	1,657	1,578	1,598	1,580	1,637
18 to 19 years	2,211	2,230	2,300	2,279	2,302	2,362	2,328	2,327	2,309	2,276	2,305	2,285	2,320
20 to 24 years	6,418	6,525	6,675	6,638	6,795	6,836	6,703	6,781	6,714	6,778	6,774	6,820	6,854
25 years and over	41,205	41,466	41,328	41,462	41,702	41,746	41,708	41,694	41,892	41,993	42,005	41,961	41,994
25 to 54 years	32,798	33,017	33,092	33,242	33,338	33,425	33,329	33,316	33,440	33,521	33,546	33,454	33,468
55 years and over	8,379	8,416	8,295	8,263	8,333	8,344	8,353	8,406	8,464	8,488	8,461	8,467	8,515
Females, 16 years and over	34,004	34,433	34,449	34,748	34,909	35,143	35,257	35,406	35,326	35,255	35,160	35,499	35,581
16 to 19 years	3,249	3,293	3,284	3,350	3,386	3,479	3,412	3,448	3,338	3,348	3,361	3,373	3,270
16 to 17 years	1,300	1,363	1,304	1,356	1,332	1,357	1,325	1,366	1,313	1,334	1,266	1,308	1,280
18 to 19 years	1,951	1,967	1,981	1,988	2,058	2,121	2,076	2,079	2,024	2,016	2,098	2,064	1,995
20 to 24 years	5,335	5,373	5,381	5,437	5,495	5,594	5,665	5,730	5,588	5,556	5,479	5,543	5,554
25 years and over	25,429	25,791	25,788	25,949	26,042	26,072	26,196	26,192	26,376	26,365	26,342	26,535	26,762
25 to 54 years	20,335	20,685	20,640	20,795	20,952	20,948	21,206	21,200	21,369	21,308	21,212	21,356	21,506
55 years and over	5,076	5,131	5,196	5,136	5,070	5,051	5,029	5,000	5,051	5,091	5,123	5,161	5,211

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-41. Employed persons by selected social and economic categories, seasonally adjusted

[In thousands]

Selected categories	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total employed	85,394	86,194	86,319	86,692	87,399	87,697	87,500	87,907	87,981	87,819	87,773	88,130	88,352
Household heads	50,332	50,628	50,737	50,789	51,165	51,200	51,163	51,054	51,170	51,234	51,176	51,351 ^c	51,530
Married men, spouse present	37,739	37,996	37,931	38,087	38,205	38,215	38,090	38,147	38,237	38,218	38,008	37,858	38,017
Married women, spouse present	19,859	20,065	19,976	20,001	20,073	20,280	20,337	20,399	20,444	20,536	20,421	20,489	20,464
Occupation													
White collar workers	42,326	42,797	43,028	43,458	43,433	43,792	43,763	43,481	43,782	44,183	44,067	44,150	44,557
Professional and technical	13,026	13,166	13,094	13,204	13,004	13,262	13,439	13,297	13,536	13,619	13,332	13,587	13,463
Managers and administrators, except farm	8,837	9,044	9,135	9,300	9,387	9,200	9,257	9,179	9,282	9,580	9,425	9,465	9,561
Sales workers	5,296	5,224	5,333	5,398	5,488	5,562	5,512	5,435	5,549	5,607	5,542	5,523	5,783
Clerical workers	15,167	15,363	15,466	15,556	15,554	15,768	15,555	15,570	15,415	15,377	15,768	15,575	15,750
Blue-collar workers	28,408	28,759	28,725	28,545	29,110	29,115	29,166	29,279	28,853	28,739	29,003	29,093	29,108
Craft and kindred workers	11,265	11,266	11,297	11,030	11,161	11,268	11,238	11,372	11,251	11,348	11,406	11,389	11,314
Operatives	13,043	13,303	13,214	13,191	13,508	13,514	13,690	13,530	13,273	13,091	13,203	13,267	13,500
Nonfarm laborers	4,100	4,190	4,214	4,324	4,441	4,333	4,238	4,377	4,329	4,300	4,394	4,437	4,294
Service workers	11,837	11,926	11,848	11,781	11,858	11,981	12,028	12,185	12,325	12,219	11,976	12,070	11,874
Farm workers	2,782	2,868	2,772	2,712	2,922	2,833	2,802	2,878	2,951	2,791	2,840	2,734	2,754
Major industry and class of worker													
Agriculture:													
Wage and salary workers	1,231	1,300	1,295	1,317	1,388	1,286	1,299	1,301	1,363	1,329	1,321	1,263	1,358
Self-employed workers	1,663	1,649	1,596	1,568	1,641	1,672	1,670	1,695	1,709	1,606	1,683	1,624	1,523
Unpaid family workers	300	331	300	284	394	359	341	340	356	351	346	334	328
Nonagricultural industries:													
Wage and salary workers	76,038	76,568	77,023	77,376	77,834	78,134	78,098	78,390	78,469	78,584	78,444	78,782	78,894
Private households	1,309	1,287	1,200	1,308	1,351	1,294	1,415	1,436	1,401	1,410	1,379	1,449	1,360
Government	14,719	14,779	14,891	14,980	14,796	14,850	14,894	14,988	15,317	15,185	14,884	15,000	14,937
Other	60,010	60,502	60,932	61,088	61,687	61,990	61,789	61,966	61,751	61,989	62,181	62,333	62,597
Self-employed workers	5,683	5,693	5,684	5,594	5,608	5,778	5,657	5,649	5,662	5,714	5,596	5,816	5,820
Unpaid family workers	510	528	490	444	463	460	451	432	436	428	452	448	481
Persons at work¹													
Nonagricultural industries	77,380	78,506	78,399	78,167	77,413	79,056	79,497	79,189	78,931	79,921	79,572	80,030	80,293
Full-time schedules	63,730	64,211	64,381	64,328	63,708	64,947	64,860	65,259	64,622	65,064	65,013	65,448	65,913
Part time for economic reasons	3,243	3,482	3,262	3,266	3,248	3,382	3,080	3,012	3,047	3,348	3,469	3,604	3,400
Usually work full time	1,332	1,415	1,308	1,230	1,342	1,457	1,307	1,259	1,295	1,339	1,337	1,285	1,238
Usually work part time	1,911	2,067	1,954	2,036	1,906	1,925	1,773	1,753	1,752	2,009	2,132	2,319	2,162
Part time for noneconomic reasons	10,407	10,813	10,755	10,573	10,457	10,727	11,557	10,918	11,262	11,509	11,090	10,978	10,980

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

c=corrected.

A-42. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

[Numbers in thousands]

Employment status	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1975	Nov. 1976	Dec. 1976	Dec. 1975	Aug. 1976	Sept. 1976	Oct. 1976	Nov. 1976	Dec. 1976
VETERANS¹									
Total, 20 to 34 years:									
Civilian noninstitutional population ²	6,606	6,797	6,828	6,606	6,703	6,735	6,765	6,797	6,828
Civilian labor force	6,187	6,410	6,433	6,227	6,298	6,371	6,406	6,452	6,460
Employed	5,612	5,942	5,930	5,585	5,833	5,780	5,837	5,898	5,902
Unemployed	575	468	503	642	465	591	569	554	558
Unemployment rate	9.3	7.3	7.8	10.3	7.4	9.3	8.9	8.6	8.6
20 to 24 years									
Civilian noninstitutional population ²	1,115	1,083	1,089	1,115	1,067	1,073	1,078	1,083	1,089
Civilian labor force	943	952	952	949	920	946	963	967	954
Employed	754	810	794	740	778	759	773	808	779
Unemployed	189	142	158	209	142	187	190	159	175
Unemployment rate	20.0	14.9	16.6	22.0	15.4	19.8	19.7	16.4	18.3
25 to 29 years									
Civilian noninstitutional population ²	3,458	3,186	3,165	3,458	3,248	3,227	3,206	3,186	3,165
Civilian labor force	3,268	3,008	2,985	3,312	3,035 ^c	3,041	3,023	3,041	3,020
Employed	2,991	2,791	2,756	2,983	2,830	2,797	2,782	2,761	2,748
Unemployed	277	217	229	329	205	244	241	280	272
Unemployment rate	8.5	7.2	7.7	9.9	6.8	8.0	8.0	9.2	9.0
30 to 34 years									
Civilian noninstitutional population ²	2,033	2,528	2,574	2,033	2,388	2,435	2,481	2,528	2,574
Civilian labor force	1,976	2,450	2,496	1,966	2,343	2,384	2,420	2,444	2,486
Employed	1,867	2,341	2,380	1,862	2,225	2,224	2,282	2,329	2,375
Unemployed	109	109	116	104	118	160	138	115	111
Unemployment rate	5.5	4.4	4.6	5.3	5.0	6.7	5.7	4.7	4.5
NONVETERANS									
Total, 20 to 34 years:									
Civilian noninstitutional population ²	16,266	17,008	17,036	16,266	16,854	16,911	16,954	17,008	17,036
Civilian labor force	14,353	15,355	15,339	14,531	15,141	15,306	15,388	15,484	15,522
Employed	13,117	14,078	14,019	13,192	13,810	14,060	14,012	14,023	14,098
Unemployed	1,236	1,277	1,320	1,339	1,331	1,246	1,376	1,461	1,425
Unemployment rate	8.6	8.3	8.6	9.2	8.8	8.1	8.9	9.4	9.2
20 to 24 years									
Civilian noninstitutional population ²	7,754	7,989	7,981	7,754	7,954	7,968	7,976	7,989	7,981
Civilian labor force	6,323	6,744	6,750	6,487	6,682	6,742	6,808	6,868	6,924
Employed	5,595	6,004	5,982	5,669	5,923	6,041 ^c	6,001	6,034	6,061
Unemployed	728	740	768	818	759	701	807	834	863
Unemployment rate	11.5	11.0	11.4	12.6	11.4	10.4	11.9	12.1	12.5
25 to 29 years									
Civilian noninstitutional population ²	4,668	5,175	5,188	4,668	5,121	5,141	5,157	5,175	5,188
Civilian labor force	4,371	4,903	4,878	4,356	4,833	4,893	4,892	4,888	4,858
Employed	4,060	4,548	4,514	4,058	4,441	4,551	4,507	4,481	4,509
Unemployed	311	355	364	298	392	342	385	407	349
Unemployment rate	7.1	7.2	7.5	6.8	8.1	7.0	7.9	8.3	7.2
30 to 34 years									
Civilian noninstitutional population ²	3,844	3,844	3,867	3,844	3,779	3,802	3,821	3,844	3,867
Civilian labor force	3,659	3,708	3,711	3,688	3,626	3,671	3,688	3,728	3,740
Employed	3,462	3,526	3,523	3,465	3,446	3,468	3,504	3,508	3,527
Unemployed	197	182	188	223	180	203	184	220	213
Unemployment rate	5.4	4.9	5.1	6.0	5.0	5.5	5.0	5.9	5.7

¹ Vietnam-era veterans are those who served between August 5, 1964, and April 30, 1975.² Since seasonal variations are not present in the population figures, identical numbers appear in the unadjusted and seasonally adjusted columns.

c = corrected.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-43. Employment status of the noninstitutional population by sex, age, and race, seasonally adjusted

[Numbers in thousands]

Employment status	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Total noninstitutional population ¹	149,215	149,860	150,500	151,141	151,809	152,440	153,056	153,820	154,477	155,115	155,717	156,368	156,990
Total labor force	92,030	92,765	92,968	93,562	93,867	93,985	94,715	95,315	95,312	95,697	96,687	97,485	97,864
Percent of total population	61.7	61.9	61.8	61.9	61.8	61.7	61.9	62.0	61.7	61.7	62.1	62.3	62.3
Civilian noninstitutional population ¹	146,931	147,604	148,272	148,922	149,596	150,243	150,872	151,640	152,318	152,971	153,576	154,224	154,843
Civilian labor force	89,746	90,510	90,740	91,343	91,655	91,789	92,531	93,134	93,153	93,553	94,546	95,341	95,717
Percent of civilian population	61.1	61.3	61.2	61.3	61.3	61.1	61.3	61.4	61.2	61.2	61.6	61.8	61.8
Employed	85,428	85,949	86,104	86,206	85,538	84,313	84,443	85,138	85,241	86,402	87,532	87,902	88,085
Percent of civilian population	58.1	58.2	58.1	57.9	57.2	56.1	56.0	56.1	56.0	56.5	57.0	57.0	56.9
Agriculture	3,544	3,711	3,483	3,444	3,384	3,297	3,393	3,472	3,315	3,231	3,347	3,350	3,264
Nonagricultural industries	81,884	82,238	82,620	82,762	82,154	81,016	81,050	81,666	81,926	83,171	84,185	84,552	84,821
Unemployed	4,318	4,561	4,636	5,138	6,117	7,476	8,087	7,997	7,912	7,151	7,014	7,439	7,632
Unemployment rate	4.8	5.0	5.1	5.6	6.7	8.1	8.7	8.6	8.5	7.6	7.4	7.8	8.0
Males, 20 years and over													
Total noninstitutional population ¹	63,240	63,538	63,800	64,073	64,372	64,642	64,904	65,238	65,543	65,827	66,090	66,385	66,711
Total labor force	51,740	52,105	52,054	52,176	52,412	52,201	52,558	52,882	52,828	52,601	53,099	53,462	53,766
Percent of total population	81.8	82.0	81.6	81.4	81.4	80.8	81.0	81.1	80.6	79.9	80.3	80.5	80.6
Civilian noninstitutional population ¹	61,380	61,713	61,998	62,285	62,599	62,911	63,181	63,510	63,828	64,139	64,400	64,690	65,014
Civilian labor force	49,879	50,281	50,251	50,388	50,640	50,469	50,835	51,154	51,113	50,913	51,409	51,768	52,070
Percent of civilian population	81.3	81.5	81.1	80.9	80.9	80.2	80.5	80.5	80.1	79.4	79.8	80.0	80.1
Employed	48,317	48,594	48,538	48,460	48,178	47,345	47,286	47,551	47,540	47,998	48,504	48,646	48,767
Percent of civilian population	78.7	78.7	78.3	77.8	77.0	75.3	74.8	74.9	74.5	74.8	75.3	75.2	75.0
Agriculture	2,537	2,640	2,501	2,502	2,460	2,417	2,433	2,459	2,377	2,319	2,421	2,397	2,291
Nonagricultural industries	45,780	45,954	46,036	45,958	45,718	44,928	44,853	45,092	45,163	45,679	46,083	46,249	46,476
Unemployed	1,562	1,687	1,713	1,928	2,462	3,124	3,549	3,603	3,573	2,915	2,906	3,122	3,303
Unemployment rate	3.1	3.4	3.4	3.8	4.9	6.2	7.0	7.0	7.0	5.7	5.7	6.0	6.3
Females, 20 years and over													
Civilian noninstitutional population ¹	69,694	69,937	70,244	70,545	70,856 ^c	71,165	71,465	71,831	72,140	72,455	72,754	73,080	73,378
Civilian labor force	31,138	31,376	31,718	32,162	32,140	32,522	32,882	33,148	33,302	33,745	34,094	34,576	34,713
Percent of population	44.6	44.9	45.2	45.6	45.4 ^c	45.7	46.0	46.1	46.2	46.6	46.9	47.3	47.3
Employed	29,654	29,811	30,132	30,383	30,049	29,912	30,129	30,537	30,665	31,234	31,677	31,951	32,079
Percent of population	42.5	42.6	42.9	43.1	42.4	42.0	42.2	42.5	42.5	43.1	43.5	43.7	43.7
Unemployed	1,483	1,565	1,586	1,779	2,090	2,611	2,754	2,611	2,637	2,511	2,416	2,625	2,634
Unemployment rate	4.8	5.0	5.0	5.5	6.5	8.0	8.4	7.9	7.9	7.4	7.1	7.6	7.6
Both sexes, 16-19 years													
Civilian noninstitutional population ¹	15,857	15,954	16,030	16,093	16,141	16,168	16,226	16,298	16,351	16,376	16,422	16,454	16,451
Civilian labor force	8,729	8,853	8,771	8,793	8,875	8,797	8,813	8,832	8,738	8,894	9,003	8,998	8,935
Percent of population	55.0	55.5	54.7	54.6	55.0	54.4	54.3	54.2	53.4	54.3	55.1	54.1	54.3
Employed	7,456	7,544	7,434	7,362	7,311	7,056	7,029	7,050	7,036	7,169	7,351	7,305	7,239
Percent of population	47.0	47.3	46.4	45.7	45.3	43.6	43.3	43.3	43.0	43.8	44.8	44.4	44.0
Unemployed	1,272	1,309	1,336	1,431	1,564	1,741	1,784	1,782	1,702	1,725	1,692	1,692	1,695
Unemployment rate	14.6	14.8	15.2	16.3	17.6	19.8	20.2	20.2	19.5	19.4	18.7	18.8	19.0
White													
Civilian noninstitutional population ¹	130,064	130,562	131,109	131,640	132,186	132,717	133,219	133,764	134,301	134,822	135,303	135,823	136,326
Civilian labor force	79,575	80,153	80,404	80,973	81,327	81,419	82,027	82,518	82,572	82,805	83,633	84,411	84,733
Percent of population	61.2	61.4	61.3	61.5	61.5	61.3	61.6	61.7	61.5	61.4	61.8	62.1	62.2
Employed	76,127	76,535	76,704	76,837	76,411	75,348	75,425	76,001	76,120	77,074	78,025	78,391	78,572
Percent of population	58.5	58.6	58.5	58.4	57.8	56.8	56.6	56.8	56.7	57.2	57.7	57.7	57.6
Unemployed	3,448	3,618	3,701	4,137	4,916	6,071	6,602	6,517	6,452	5,731	5,608	6,020	6,161
Unemployment rate	4.3	4.5	4.6	5.1	6.0	7.5	8.0	7.9	7.8	6.9	6.7	7.1	7.3
Black and other													
Civilian noninstitutional population ¹	16,866	17,042	17,163	17,282	17,410	17,526	17,652	17,876	18,017	18,148	18,273	18,401	18,517
Civilian labor force	10,211	10,342	10,277	10,354	10,391	10,378	10,455	10,630	10,668	10,758	10,855	10,933	11,054
Percent of population	60.5	60.7	59.9	59.9	59.7	59.2	59.2	59.5	59.2	59.3	59.4	59.4	59.7
Employed	9,330	9,402	9,352	9,346	9,173	8,988	8,980	9,136	9,177	9,345	9,461	9,503	9,556
Percent of population	55.3	55.2	54.5	54.1	52.7	51.3	50.9	51.1	50.9	51.5	51.8	51.6	51.6
Unemployed	881	939	924	1,009	1,218	1,389	1,475	1,494	1,491	1,413	1,394	1,430	1,498
Unemployment rate	8.6	9.1	9.0	9.7	11.7	13.4	14.1	14.1	14.0	13.1	12.8	13.1	13.6

¹ Because seasonality, by definition, does not exist in population figures, these figures are not seasonally adjusted.

^ccorrected.

NOTE: Detail for the household data shown in tables A-43 through A-62 and A-59 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-44. Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted

[Numbers in thousands]

Full- and part-time employment status, sex, and age	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
FULL TIME													
Total, 16 years and over:													
Civilian labor force	76,590	77,410	77,611	77,996	78,492	78,535	78,984	79,315	79,784	79,995	80,627	81,076	81,823
Employed ¹	73,276	73,918	74,048	74,003	73,602	72,470	72,323	72,697	73,215	74,277	74,995	75,059	75,577
Unemployed	3,315	3,492	3,563	3,993	4,890	6,065	6,661	6,618	6,569	5,718	5,632	6,017	6,247
Unemployment rate	4.3	4.5	4.6	5.1	6.2	7.7	8.4	8.3	8.2	7.1	7.0	7.4	7.6
Males, 20 years and over:													
Civilian labor force	47,421	47,825	47,809	47,875	48,158	47,945	48,194	48,512	48,693	48,404	48,775	49,229	49,560
Employed ¹	46,002	46,305	46,249	46,118	45,862	45,040	44,892	45,123	45,303	45,735	46,110	46,305	46,441
Unemployed	1,419	1,520	1,560	1,757	2,296	2,905	3,302	3,389	3,390	2,670	2,664	2,924	3,119
Unemployment rate	3.0	3.2	3.3	3.7	4.8	6.1	6.9	7.0	7.0	5.5	5.5	6.0	6.3
Females, 20 years and over:													
Civilian labor force	24,334	24,569	24,825	25,185	25,326	25,764	25,848	24,955	26,353	26,671	26,865	27,023	27,416
Employed ¹	23,162	23,346	23,581	23,791	23,627	23,625	23,594	23,808	24,161	24,616	24,919	24,912	25,248
Unemployed	1,172	1,222	1,244	1,394	1,669	2,139	2,253	2,147	2,192	2,055	1,946	2,111	2,168
Unemployment rate	4.8	5.0	5.0	5.5	6.7	8.3	8.7	8.3	8.3	7.7	7.2	7.8	7.9
Both sexes, 16-19 years:													
Civilian labor force	4,835	5,016	4,977	4,936	5,008	4,827	4,943	4,848	4,738	4,919	4,987	4,824	4,848
Employed ¹	4,112	4,266	4,217	4,094	4,113	3,805	3,837	3,767	3,750	3,926	3,966	3,843	3,887
Unemployed	724	750	760	843	895	1,021	1,106	1,082	987	993	1,022	981	960
Unemployment rate	15.0	14.9	15.3	17.1	17.9	21.2	22.4	22.3	20.8	20.2	20.5	20.3	19.8
PART TIME													
Total, 16 years and over:													
Civilian labor force	13,160	13,164	13,126	13,303	13,216	13,291	13,530	13,959	13,413	13,632	13,904	14,427	13,940
Employed ¹	12,157	12,106	12,044	12,154	11,975	11,900	12,119	12,561	12,023	12,215	12,521	12,986	12,523
Unemployed	1,003	1,059	1,082	1,148	1,241	1,390	1,411	1,398	1,390	1,417	1,383	1,441	1,417
Unemployment rate	7.6	8.0	8.2	8.6	9.4	10.5	10.4	10.0	10.4	10.4	9.9	10.0	10.2
Males, 20 years and over:													
Civilian labor force	2,470	2,472	2,423	2,493	2,511	2,534	2,611	2,652	2,480	2,538	2,608	2,562	2,567
Employed ¹	2,324	2,312	2,265	2,321	2,332	2,331	2,370	2,427	2,259	2,305	2,362	2,352	2,356
Unemployed	146	160	158	172	180	202	241	225	222	233	246	209	211
Unemployment rate	5.9	6.5	6.5	6.9	7.2	8.0	9.2	8.5	8.9	9.2	9.4	8.2	8.2
Females, 20 years and over:													
Civilian labor force	6,788	6,831	6,869	6,955	6,819	6,818	7,001	7,194	6,965	7,135	7,190	7,543	7,306
Employed ¹	6,477	6,488	6,524	6,572	6,423	6,347	6,514	6,723	6,506	6,679	6,727	7,026	6,830
Unemployed	311	343	345	383	396	471	487	469	459	455	463	517	476
Unemployment rate	4.6	5.0	5.0	5.5	5.8	6.9	7.0	6.5	6.6	6.4	6.4	6.9	6.5
Both sexes, 16-19 years:													
Civilian labor force	3,902	3,862	3,834	3,854	3,885	3,939	3,918	4,113	3,968	3,959	4,106	4,323	4,066
Employed ¹	3,356	3,306	3,255	3,261	3,220	3,222	3,236	3,409	3,259	3,231	3,432	3,608	3,336
Unemployed	546	556	579	593	665	717	682	704	710	729	674	715	730
Unemployment rate	14.0	14.4	15.1	15.4	17.1	18.2	17.4	17.1	17.9	18.4	16.4	16.5	17.9

¹ Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

HOUSEHOLD DATA SEASONALLY ADJUSTED QUARTERLY AVERAGES

A-45. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Characteristics	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
WHITE													
Total, 16 years and over:													
Civilian labor force	79,575	80,153	80,404	80,973	81,327	81,419	82,027	82,518	82,572	82,805	83,633	84,411	84,733
Employed	76,127	76,535	76,704	76,837	76,411	75,348	75,425	76,001	76,120	77,074	78,025	78,391	78,572
Unemployed	3,448	3,618	3,701	4,137	4,916	6,071	6,602	6,517	6,452	5,731	5,608	6,020	6,161
Unemployment rate	4.3	4.5	4.6	5.1	6.0	7.5	8.0	7.9	7.8	6.9	6.7	7.1	7.3
Males, 20 years and over:													
Civilian labor force	44,750	45,065	45,078	45,240	45,489	45,289	45,644	45,847	45,845	45,668	46,064	46,417	46,649
Employed	43,471	43,709	43,681	43,639	43,475	42,738	42,704	42,854	42,926	43,330	43,691	43,812	43,974
Unemployed	1,279	1,356	1,397	1,601	2,014	2,551	2,940	2,993	2,918	2,338	2,373	2,605	2,674
Unemployment rate	2.9	3.0	3.1	3.5	4.4	5.6	6.4	6.5	6.4	5.1	5.2	5.6	5.7
Females, 20 years and over:													
Civilian labor force	27,013	27,189	27,511	27,884	27,915	28,254	28,541	28,748	28,927	29,183	29,485	29,905	30,077
Employed	25,854	25,951	26,242	26,466	26,232	26,118	26,302	26,673	26,760	27,185	27,569	27,842	27,950
Unemployed	1,159	1,239	1,268	1,418	1,683	2,136	2,240	2,075	2,167	1,999	1,916	2,063	2,127
Unemployment rate	4.3	4.6	4.6	5.1	6.0	7.6	7.8	7.2	7.5	6.8	6.5	6.9	7.1
Both sexes, 16 to 19 years:													
Civilian labor force	7,812	7,899	7,815	7,849	7,923	7,876	7,842	7,923	7,801	7,953	8,084	8,088	8,008
Employed	6,802	6,876	6,780	6,731	6,704	6,492	6,420	6,474	6,433	6,559	6,765	6,737	6,648
Unemployed	1,010	1,023	1,035	1,118	1,219	1,384	1,422	1,450	1,367	1,394	1,319	1,351	1,359
Unemployment rate	12.9	13.0	13.2	14.2	15.4	17.6	18.1	18.3	17.5	17.5	16.3	16.7	17.0
BLACK AND OTHER													
Total, 16 years and over:													
Civilian labor force	10,211	10,342	10,277	10,354	10,391	10,378	10,455	10,630	10,668	10,758	10,855	10,933	11,054
Employed	9,330	9,402	9,352	9,346	9,173	8,988	8,980	9,136	9,177	9,345	9,461	9,503	9,556
Unemployed	881	939	924	1,009	1,218	1,389	1,475	1,494	1,491	1,413	1,394	1,430	1,498
Unemployment rate	8.6	9.1	9.0	9.7	11.7	13.4	14.1	14.1	14.0	13.1	12.8	13.1	13.6
Males, 20 years and over:													
Civilian labor force	5,149	5,201	5,163	5,145	5,180	5,164	5,182	5,314	5,306	5,234	5,345	5,373	5,449
Employed	4,865	4,875	4,847	4,808	4,730	4,603	4,572	4,683	4,645	4,664	4,811	4,837	4,817
Unemployed	284	326	316	337	450	562	611	631	660	570	533	536	632
Unemployment rate	5.5	6.3	6.1	6.5	8.7	10.9	11.8	11.9	12.4	10.9	10.0	10.0	11.6
Females, 20 years and over:													
Civilian labor force	4,139	4,178	4,190	4,255	4,258	4,277	4,328	4,378	4,421	4,573	4,590	4,635	4,670
Employed	3,805	3,853	3,873	3,904	3,834	3,811	3,814	3,855	3,923	4,065	4,091	4,089	4,140
Unemployed	334	325	318	351	424	467	514	522	497	507	499	546	531
Unemployment rate	8.1	7.8	7.6	8.2	10.0	10.9	11.9	11.9	11.3	11.1	10.9	11.8	11.4
Both sexes, 16 to 19 years:													
Civilian labor force	923	963	923	954	954	936	945	938	942	951	920	926	935
Employed	660	674	632	634	610	575	594	598	609	616	558	577	600
Unemployed	263	288	291	321	344	361	351	341	333	335	362	349	335
Unemployment rate	28.5	30.0	31.5	33.6	36.1	38.6	37.1	36.3	35.4	35.2	39.3	37.7	35.8

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

A-46. Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
CHARACTERISTICS													
Total (all civilian workers)	4.8	5.0	5.1	5.6	6.7	8.1	8.7	8.6	8.5	7.6	7.4	7.8	8.0
Males, 20 years and over	3.1	3.4	3.4	3.8	4.9	6.2	7.0	7.0	7.0	5.7	5.7	6.0	6.3
Females, 20 years and over	4.8	5.0	5.0	5.5	6.5	8.0	8.4	7.9	7.9	7.4	7.1	7.6	7.6
Both sexes, 16-19 years	14.6	14.8	15.2	16.3	17.6	19.8	20.2	20.2	19.5	19.4	18.7	18.8	19.0
White	4.3	4.5	4.6	5.1	6.0	7.5	8.0	7.9	7.8	6.9	6.7	7.1	7.3
Black and other	8.6	9.1	9.0	9.7	11.7	13.4	14.1	14.1	14.0	13.1	12.8	13.1	13.6
Household heads, total	2.9	2.9	3.0	3.3	4.2	5.4	6.0	5.9	5.9	5.0	4.9	5.3	5.3
Males	2.4	2.5	2.5	2.9	3.8	5.0	5.7	5.7	5.5	4.5	4.6	4.8	5.0
With relatives	2.2	2.3	2.3	2.7	3.4	4.6	5.4	5.3	5.0	4.1	4.0	4.4	4.4
Without relatives	5.1	5.3	5.2	4.9	7.2	8.4	8.9	9.2	10.2	8.4	8.8	8.4	9.1
Females	5.5	5.1	5.2	5.3	6.6	7.4	7.5	7.5	8.2	7.8	6.6	7.9	7.9
With relatives	7.4	6.5	6.5	6.7	8.1	9.5	9.8	10.1	10.5	10.0	9.1	10.6	10.4
Without relatives	3.8	3.8	4.0	3.9	5.1	5.5	5.4	5.0	6.1	5.7	4.4	5.3	5.4
Married men, spouse present	2.2	2.3	2.3	2.8	3.5	4.7	5.5	5.4	5.1	4.1	4.1	4.4	4.4
Full-time workers	4.3	4.5	4.6	5.1	6.2	7.7	8.4	8.3	8.2	7.1	7.0	7.4	7.6
Part-time workers	7.6	8.0	8.2	8.6	9.4	10.4	10.4	10.0	10.4	10.4	9.9	10.0	10.2
Unemployed 15 weeks and over ¹	.9	.9	.9	1.0	1.3	2.0	2.7	3.1	3.1	2.7	2.2	2.5	2.6
Labor force time lost ²	5.3	5.5	5.6	6.1	7.3	8.9	9.3	9.0	9.2	8.2	8.0	8.2	8.7
OCCUPATION													
White-collar workers	2.9	3.0	3.1	3.3	3.7	4.5	5.0	4.7	4.8	4.6	4.6	4.7	4.5
Professional and technical	2.2	2.1	2.1	2.3	2.5	3.0	3.4	3.2	3.3	3.4	3.1	3.1	3.3
Managers and administrators, except farm	1.4	1.6	1.7	1.8	2.3	2.9	3.1	3.1	2.9	2.9	3.0	3.4	3.0
Sales workers	3.6	3.9	4.0	4.0	5.2	5.6	5.8	5.6	6.2	5.5	4.9	5.5	5.5
Clerical workers	4.0	4.2	4.3	4.8	5.0	6.2	7.0	6.6	6.6	6.3	6.5	6.6	6.2
Blue-collar workers	5.4	5.8	6.0	6.8	8.6	11.1	12.6	12.1	11.2	9.3	9.1	9.7	9.7
Craft and kindred workers	3.6	3.7	3.8	4.5	5.7	7.3	9.0	8.9	8.0	6.7	6.8	7.1	7.0
Operatives	5.8	6.5	6.6	7.4	9.9	12.9	14.2	13.3	12.4	9.9	9.5	10.3	10.6
Nonfarm laborers	8.5	8.8	9.4	10.6	11.9	14.7	16.6	16.0	15.6	13.7	13.3	14.2	13.7
Service workers	5.7	5.9	6.1	6.3	6.9	8.0	8.4	8.8	9.0	8.9	8.3	8.5	9.3
Farm workers	2.5	2.3	2.6	2.8	2.6	3.5	3.4	3.4	4.0	4.3	4.6	3.9	5.2
INDUSTRY													
Nonagricultural private wage and salary workers ³	4.9	5.1	5.2	5.8	7.0	8.7	9.7	9.3	9.1	7.9	7.7	8.1	8.2
Construction	8.7	8.8	9.7	11.1	13.6	16.6	20.1	19.6	17.4	15.6	15.5	16.9	14.7
Manufacturing	4.4	4.9	4.9	5.8	7.8	10.5	11.9	11.1	10.2	7.8	7.5	8.0	8.3
Durable goods	4.0	4.6	4.6	5.1	7.6	10.4	12.4	11.8	10.6	7.9	7.5	7.5	8.0
Nondurable goods	4.9	5.2	5.3	6.7	8.1	10.7	11.1	10.1	9.6	7.7	7.5	8.7	8.7
Transportation and public utilities	3.2	2.9	3.0	3.4	3.8	5.5	6.1	5.7	5.2	4.7	4.8	5.1	5.5
Wholesale and retail trade	5.6	5.9	6.1	6.4	7.4	8.3	8.7	8.7	9.3	8.6	8.2	8.7	8.8
Finance and service industries	4.4	4.4	4.3	4.7	5.2	6.3	6.7	6.4	7.0	6.6	6.3	6.4	6.8
Government workers	2.6	2.7	3.1	2.9	3.3	3.6	4.2	4.1	4.2	4.4	4.6	4.3	4.4
Agricultural wage and salary workers	6.9	6.8	7.2	7.5	7.9	10.1	10.3	10.1	11.1	11.1	11.9	11.0	13.0

¹ Unemployment as a percent of civilian labor force.

as 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.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-47. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Duration													
Less than 5 weeks	2,197	2,379	2,398	2,585	2,925	3,099	2,916	2,815	2,768	2,667	2,817	2,869	2,839
5 to 14 weeks	1,307	1,367	1,416	1,580	1,993	2,541	2,563	2,345	2,386	1,951	2,030	2,303	2,442
15 weeks and over	805	809	857	959	1,209	1,793	2,519	2,922	2,934	2,531	2,083	2,339	2,493
15 to 26 weeks	467	482	510	583	747	1,096	1,433	1,461	1,312	1,005	804	1,127	1,153
27 weeks and over	338	326	347	375	462	697	1,086	1,461	1,622	1,526	1,278	1,212	1,340
Average (mean) duration in weeks	9.9	9.6	9.7	9.8	10.0	11.3	13.8	15.6	16.5	16.3	15.9	15.6	15.6
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	51.0	52.2	51.3	50.4	47.7	41.7	36.5	34.8	34.2	37.3	40.6	38.2	36.5
5 to 14 weeks	30.3	30.0	30.3	30.8	32.5	34.2	32.0	29.0	29.5	27.3	29.3	30.7	31.4
15 weeks and over	18.7	17.8	18.3	18.7	19.7	24.1	31.5	36.2	36.3	35.4	30.1	31.1	32.1
15 to 26 weeks	10.8	10.6	10.9	11.4	12.2	14.7	17.9	18.1	16.2	14.1	11.6	15.0	14.8
27 weeks and over	7.8	7.2	7.4	7.3	7.5	9.4	13.6	18.1	20.1	21.3	18.4	16.1	17.2

A-48. Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	4.8	5.0	5.1	5.6	6.7	8.1	8.7	8.6	8.5	7.6	7.4	7.8	8.0
16 to 19 years	14.6	14.8	15.2	16.3	17.6	19.8	20.2	20.2	19.5	19.4	18.7	18.8	19.0
16 to 17 years	17.1	17.6	17.6	18.3	19.8	21.2	21.3	22.1	20.9	20.9	21.4	21.3	21.0
18 to 19 years	12.6	12.7	13.3	15.0	15.9	18.7	19.3	19.0	18.4	18.4	16.8	17.2	17.5
20 to 24 years	7.4	8.2	8.2	9.3	10.7	13.1	13.8	13.6	13.9	12.3	11.4	11.5	12.8
25 years and over	3.1	3.2	3.2	3.6	4.5	5.7	6.3	6.2	6.1	5.3	5.2	5.7	5.7
25 to 54 years	3.2	3.3	3.4	3.7	4.8	6.0	6.7	6.5	6.4	5.4	5.4	6.0	6.0
55 years and over	2.7	2.8	2.6	3.0	3.4	4.5	4.9	4.7	5.0	4.7	4.5	4.8	4.5
Males, 16 years and over	4.1	4.3	4.4	4.9	5.9	7.4	8.2	8.2	8.0	6.9	6.8	7.1	7.4
16 to 19 years	14.1	14.2	14.9	15.8	17.2	19.9	20.9	20.4	19.2	19.6	19.4	18.7	19.2
16 to 17 years	16.8	17.4	18.0	18.7	19.7	21.2	22.2	22.5	20.2	21.1	22.0	21.3	21.4
18 to 19 years	11.8	11.7	12.3	13.9	15.2	18.8	19.8	19.1	18.4	18.6	17.3	17.0	17.5
20 to 24 years	6.9	7.8	7.8	8.9	10.7	13.4	14.7	14.9	14.5	12.2	11.4	11.8	13.0
25 years and over	2.5	2.6	2.7	3.0	3.9	5.0	5.7	5.7	5.7	4.6	4.6	5.1	5.2
25 to 54 years	2.4	2.6	2.8	3.0	4.1	5.1	6.0	6.0	5.9	4.6	4.6	5.2	5.4
55 years and over	2.6	2.6	2.4	2.9	3.0	4.3	4.7	4.5	4.7	4.6	4.5	4.4	4.2
Females, 16 years and over	5.9	6.2	6.2	6.8	7.8	9.3	9.6	9.2	9.2	8.7	8.3	8.8	8.8
16 to 19 years	15.2	15.6	15.6	16.8	18.1	19.7	19.4	19.9	19.8	19.2	17.9	19.0	18.7
16 to 17 years	17.4	17.9	17.2	17.9	20.0	21.1	20.2	21.6	21.7	20.6	20.6	21.2	20.6
18 to 19 years	13.7	13.9	14.6	16.2	16.7	18.6	18.9	18.8	18.4	18.1	16.1	17.5	17.4
20 to 24 years	8.1	8.7	8.8	9.8	10.8	12.8	12.8	12.1	13.2	12.4	11.5	11.2	12.7
25 years and over	4.0	4.2	4.2	4.6	5.5	6.9	7.4	6.9	6.7	6.3	6.1	6.8	6.4
25 to 54 years	4.4	4.5	4.4	4.8	5.9	7.4	8.0	7.4	7.1	6.7	6.5	7.1	6.9
55 years and over	2.7	3.0	3.1	3.3	4.1	4.9	5.2	5.0	5.4	4.9	4.5	5.4	5.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-49. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
NUMBER OF UNEMPLOYED													
Job losers	1,689	1,944	1,914	2,193	2,900	3,939	4,642	4,700	4,310	3,474	3,528	3,793	3,806
Job leavers	732	736	724	765	793	767	820	810	854	819	865	967	884
Reentrants	1,254	1,241	1,385	1,515	1,632	1,826	1,915	1,830	1,904	1,902	1,803	1,895	1,992
New entrants	605	632	618	685	757	781	767	852	849	863	852	893	922
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	39.5	42.7	41.2	42.5	47.7	53.9	57.0	57.4	54.4	49.2	50.1	50.3	50.1
Job leavers	17.1	16.2	15.6	14.8	13.0	10.5	10.1	9.9	10.8	11.6	12.3	12.8	11.6
Reentrants	29.3	27.3	29.8	29.4	26.8	25.0	23.5	22.3	24.0	26.9	25.6	25.1	26.2
New entrants	14.1	13.9	13.3	13.3	12.4	10.7	9.4	10.4	10.7	12.2	12.1	11.8	12.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	1.9	2.1	2.1	2.4	3.2	4.3	5.0	5.0	4.6	3.7	3.7	4.0	4.0
Job leavers .....	.8	.8	.8	.8	.9	.8	.9	.9	.9	.9	.9	1.0	.9
Reentrants	1.4	1.4	1.5	1.7	1.8	2.0	2.1	2.0	2.0	2.0	1.9	2.0	2.1
New entrants .....	.7	.7	.7	.7	.8	.9	.8	.9	.9	.9	.9	.9	1.0

A-50. Employed persons by sex and age, seasonally adjusted

(Numbers in thousands)

Sex and age	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total, 16 years and over	85,428	85,949	86,104	86,206	85,538	84,313	84,443	85,138	85,241	86,402	87,532	87,902	88,685
16 to 19 years	7,456	7,544	7,434	7,362	7,311	7,056	7,029	7,050	7,036	7,169	7,351	7,305	7,239
16 to 17 years	3,108	3,123	3,073	3,087	3,043	2,966	2,879	2,883	2,893	2,924	2,920	2,964	2,890
18 to 19 years	4,350	4,428	4,350	4,268	4,268	4,106	4,143	4,184	4,144	4,248	4,416	4,344	4,356
20 to 24 years	11,912	11,862	11,944	11,923	11,876	11,601	11,603	11,717	11,641	12,010	12,363	12,382	12,341
25 years and over	66,072	66,580	66,722	66,875	66,362	65,692	65,809	66,330	66,576	67,261	67,822	68,171	68,533
25 to 54 years	52,307	52,792	52,948	53,218	52,787	52,175	52,282	52,879	53,105	53,824	54,399	54,718	54,847
55 years and over	13,741	13,786	13,746	13,680	13,555	13,546	13,507	13,487	13,448	13,479	13,393	13,500	13,646
Males, 16 years and over	52,450	52,769	52,646	52,499	52,178	51,163	51,073	51,353	51,338	51,858	52,429	52,573	52,672
16 to 19 years	4,133	4,175	4,109	4,039	4,000	3,818	3,787	3,803	3,798	3,860	3,925	3,927	3,905
16 to 17 years	1,755	1,769	1,726	1,721	1,703	1,634	1,592	1,589	1,592	1,583	1,582	1,627	1,605
18 to 19 years	2,383	2,404	2,370	2,320	2,301	2,193	2,189	2,227	2,206	2,270	2,331	2,304	2,303
20 to 24 years	6,720	6,660	6,664	6,593	6,569	6,366	6,302	6,343	6,351	6,613	6,778	6,758	6,816
25 years and over	41,617	41,960	41,863	41,832	41,630	41,002	40,974	41,179	41,212	41,419	41,719	41,860	41,987
25 to 54 years	32,938	33,219	33,130	33,151	32,940	32,462	32,471	32,686	32,802	33,117	33,364	33,426	33,489
55 years and over	8,666	8,752	8,719	8,691	8,678	8,557	8,490	8,503	8,399	8,325	8,343	8,453	8,481
Females, 16 years and over	32,978	33,180	33,457	33,706	33,360	33,150	33,370	33,784	33,903	34,543	35,103	35,329	35,413
16 to 19 years	3,323	3,369	3,326	3,323	3,311	3,238	3,252	3,247	3,238	3,309	3,426	3,378	3,335
16 to 17 years	1,353	1,354	1,347	1,366	1,340	1,332	1,287	1,294	1,301	1,341	1,338	1,338	1,285
18 to 19 years	1,968	2,024	1,980	1,948	1,968	1,914	1,954	1,956	1,939	1,979	2,085	2,040	2,052
20 to 24 years	5,192	5,201	5,280	5,330	5,307	5,235	5,302	5,373	5,290	5,397	5,585	5,625	5,525
25 years and over	24,454	24,620	24,859	25,043	24,732	24,690	24,835	25,152	25,364	25,843	26,103	26,311	26,546
25 to 54 years	19,369	19,574	19,818	20,068	19,847	19,713	19,811	20,193	20,303	20,707	21,035	21,292	21,358
55 years and over	5,075	5,034	5,027	4,989	4,877	4,988	5,017	4,984	5,048	5,154	5,050	5,047	5,165

HOUSEHOLD DATA SEASONALLY ADJUSTED QUARTERLY AVERAGES

A-51. Employed persons by selected social and economic categories, seasonally adjusted

[In thousands]

Selected categories	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Total employed	85,428	85,949	86,104	86,206	85,538	84,313	84,443	85,138	85,241	86,402	87,532	87,902	88,085
Household heads	50,370	50,840	50,932	50,920	50,614	49,827	49,935	50,302	50,302	50,718	51,176	51,153	51,352
Married men, spouse present	39,112	39,283	39,053	38,846	38,573	38,877	37,859	37,969	37,839	38,005	38,170	38,201	37,961
Married women, spouse present	19,400	19,337	19,598	19,779	19,597	19,343	19,424	19,648	19,830	20,014	20,230	20,460	20,458
Occupation													
White-collar workers	41,065	41,491	41,820	41,864	41,788	41,885	42,237	42,494	42,322	43,094	43,663	43,815	44,258
Professional and technical	12,038	12,220	12,366	12,476	12,301	12,523	12,721	12,898	12,865	13,155	13,235	13,484	13,461
Managers and administrators, except farm	8,927	9,028	9,081	8,835	8,821	8,770	8,849	8,970	8,980	9,160	9,281	9,347	9,484
Sales workers	5,394	5,420	5,403	5,437	5,410	5,425	5,535	5,527	5,360	5,318	5,521	5,530	5,616
Clerical workers	14,706	14,823	14,969	15,115	15,255	15,167	15,132	15,098	15,117	15,462	15,626	15,454	15,698
Blue-collar workers	29,997	30,061	29,950	29,833	29,283	27,941	27,804	27,902	28,213	28,676	29,130	28,957	29,068
Craft and kindred workers	11,352	11,506	11,524	11,509	11,369	10,869	10,889	10,978	11,129	11,198	11,222	11,324	11,370
Operatives	14,317	14,034	14,085	14,028	13,530	12,870	12,775	12,797	12,989	13,236	13,571	13,298	13,323
Nonfarm laborers	4,328	4,521	4,341	4,296	4,384	4,175	4,140	4,127	4,095	4,243	4,337	4,335	4,375
Service workers	11,233	11,174	11,317	11,488	11,509	11,618	11,507	11,692	11,823	11,852	11,956	12,243	11,975
Farm workers	3,072	3,252	3,064	2,978	2,933	2,873	2,948	3,024	2,865	2,784	2,852	2,873	2,776
Major industry and class of worker													
Agriculture:													
Wage and salary workers	1,318	1,428	1,326	1,325	1,338	1,224	1,256	1,350	1,265	1,304	1,324	1,331	1,314
Self-employed workers	1,798	1,857	1,748	1,733	1,677	1,711	1,739	1,724	1,687	1,604	1,661	1,670	1,610
Unpaid family workers	417	416	419	378	360	360	405	403	352	305	365	349	336
Nonagricultural industries:													
Wage and salary workers	75,936	76,269	76,437	76,570	76,028	74,934	74,953	75,590	75,755	76,989	78,022	78,481	78,707
Private households	1,542	1,463	1,420	1,385	1,301	1,330	1,394	1,345	1,322	1,265	1,353	1,416	1,396
Government	13,727	13,810	14,029	14,060	14,116	14,363	14,465	14,693	14,597	14,883	14,847	15,163	14,940
Other	60,667	60,996	60,988	61,125	60,611	59,241	59,094	59,552	59,836	60,841	61,822	61,902	62,371
Self-employed workers	5,455	5,464	5,677	5,706	5,684	5,530	5,612	5,633	5,735	5,657	5,681	5,675	5,744
Unpaid family workers	520	488	488	472	490	501	459	450	509	487	458	432	460
Persons at work¹													
Nonagricultural industries:													
Full-time schedules	64,018	64,230	64,203	64,444	63,450	62,081	61,952	62,024	63,232	64,307	64,505	64,982	65,458
Part-time for economic reasons	2,445	2,552	2,505	2,677	3,154	3,728	3,658	3,267	3,319	3,337	3,237	3,136	3,491
Usually work full time	1,155	1,228	1,173	1,251	1,599	1,912	1,716	1,457	1,399	1,318	1,369	1,298	1,287
Usually work part time	1,291	1,324	1,332	1,425	1,554	1,816	1,943	1,810	1,920	2,019	1,868	1,838	2,204
Part time for noneconomic reasons	10,667	10,530	10,372	10,625	10,482	10,436	10,635	10,807	10,551	10,714	10,914	11,230	11,016

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

A-52. Job desire of persons not in labor force by current activity, reasons for not seeking work, sex, and race, seasonally adjusted

(Numbers in thousands)

Characteristic	1973	1974				1975				1976			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
TOTAL													
Total not in labor force	57,185	57,094	57,532	57,579	57,941	58,454	58,341	58,506	59,165	59,418	59,030	58,883	59,126
Do not want job now	52,921	53,080	53,237	53,019	53,472	52,831	53,373	53,627	54,254	53,783	53,937	54,771	54,239
Current activity:													
Going to school	5,972	5,904	5,832	6,088	6,145	6,160	6,316	6,440	6,397	6,375	6,213	6,911	6,351
Ill, disabled	4,694	4,733	4,733	4,827	4,876	4,957	4,799	4,674	4,743	4,728	4,659	4,880	4,611
Keeping house	32,266	32,250	32,022	31,809	31,693	31,101	31,461	31,287	31,506	30,894	31,016	30,698	30,452
Retired	7,109	7,187	7,365	7,427	7,556	7,634	7,624	7,848	8,326	8,267	8,429	8,831	8,898
Other	2,880	3,006	3,284	2,868	3,202	2,979	3,174	3,377	3,282	3,519	3,620	3,451	3,927
Want a job now	4,373	4,247	4,453	4,551	4,695	5,221	5,142	5,270	5,301	5,408	5,534	4,267	5,500
Reason not looking:													
School attendance	1,160	1,131	1,188	1,316	1,235	1,458	1,400	1,485	1,559	1,438	1,540	1,136	1,583
Ill health, disability	674	654	604	695	646	660	644	658	720	732	781	477	624
Home responsibilities	967	974	1,070	1,022	1,014	1,199	1,095	1,053	1,100	1,240	1,278	1,002	1,254
Think cannot get job	686	649	641	625	839	1,059	1,116	1,160	997	937	905	817	1,016
Job-market factors	527	418	438	422	592	839	817	947	849	630	627	561	803
Personal factors	159	231	203	203	247	220	299	213	148	307	278	256	213
Other reasons ¹	887	840	951	893	961	844	888	913	925	1,060	1,030	834	1,022
Males													
Total not in labor force	14,554	1,4457	14,850	15,063	15,112	15,669	15,580	15,647	16,113	16,536	16,260	16,250	16,265
Do not want job now	13,223	13,421	13,447	13,425	13,750	13,776	14,021	14,288	14,618	14,643	14,688	15,231	14,849
Want a job now	1,364	1,236	1,345	1,449	1,473	1,622	1,576	1,698	1,743	1,713	1,667	1,271	1,719
Reason not looking:													
School attendance	615	577	605	654	657	786	695	760	765	729	764	558	762
Ill health, disability	258	258	259	291	274	274	286	305	335	325	343	199	267
Think cannot get job	226	174	237	225	285	332	369	386	352	359	313	280	355
Other reasons ¹	266	226	243	278	257	230	226	247	291	300	248	234	334
Females													
Total not in labor force	42,630	42,638	42,683	42,517	42,829	42,787	42,762	42,859	43,053	42,883	42,770	42,633	42,861
Do not want job now	39,699	39,660	39,790	39,594	39,723	39,056	39,353	39,338	39,635	39,139	39,249	39,541	39,390
Want a job now	3,009	3,011	3,109	3,102	3,222	3,599	3,566	3,572	3,558	3,694	3,867	2,996	3,781
Reason not looking:													
School attendance	545	553	583	662	578	672	705	725	794	708	777	578	821
Ill health, disability	416	395	344	404	372	386	358	353	385	408	438	279	357
Home responsibilities	967	974	1,070	1,022	1,014	1,199	1,095	1,053	1,100	1,240	1,278	1,002	1,254
Think cannot get job	460	474	404	400	554	727	746	774	645	578	592	537	661
Other reasons	622	614	708	614	704	614	662	667	634	760	782	600	688
White													
Total not in labor force	50,489	50,409	50,705	50,667	50,859	51,298	51,192	51,246	51,729	52,017	51,670	51,412	51,593
Do not want job now	47,096	47,165	47,299	47,211	47,246	46,925	47,330	47,483	47,985	47,628	47,649	48,217	47,601
Want a job now	3,363	3,351	3,413	3,513	3,665	4,029	3,927	4,066	4,024	4,132	4,130	3,370	4,218
Reason not looking:													
School attendance	895	896	910	1,022	922	1,109	1,090	1,120	1,169	1,090	1,117	937	1,127
Ill health, disability	443	475	433	503	509	489	454	470	545	507	520	344	468
Home responsibilities	769	817	823	784	819	947	872	866	828	940	980	788	1,019
Think cannot get job	551	499	503	481	631	775	789	857	699	700	701	613	757
Other reasons	705	664	745	723	783	708	722	753	782	894	818	688	848
Black and other													
Total not in labor force	6,630	6,700	6,886	6,928	7,019	7,148	7,197	7,246	7,349	7,390	7,418	7,468	7,463
Do not want job now	5,656	5,791	5,873	5,930	6,018	5,877	5,998	6,114	6,132	6,049	6,073	6,591	6,230
Want a job now	1,017	882	1,003	1,046	1,024	1,172	1,173	1,212	1,288	1,260	1,361	920	1,285
Reason not looking:													
School attendance	255	224	287	282	299	335	316	336	369	339	430	201	428
Ill health, disability	244	172	162	189	142	171	177	191	194	226	249	134	180
Home responsibilities	228	194	253	269	218	279	238	225	302	315	298	241	270
Think cannot get job	144	147	137	160	204	274	310	332	311	226	209	223	265
Other reasons	146	145	163	147	162	114	132	127	112	154	174	120	143

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

HOUSEHOLD DATA QUARTERLY AVERAGES

A-53. Job desire of persons not in labor force and reasons for not seeking work by age and sex

[In thousands]

Reasons for not seeking work	Total		Age in years								
			16-19		20-24		25-59		60 and over		
	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	
Total											
Total not in labor force	59,390	59,264	7,984	7,891	5,028	4,773	22,977	22,683	23,399	23,917	
Do not want a job now	54,358	54,058	6,686	6,560	4,196	4,082	20,639	20,048	22,839	23,372	
Current activity:											
Going to school	8,169	8,107	5,780	5,628	1,771	1,874	604	594	14	11	
Ill, disabled	4,640	4,505	44	44	157	135	2,210	2,122	2,230	2,206	
Keeping house	31,107	30,070	624	589	2,024	1,785	16,356	15,573	12,106	12,125	
Retired	8,124	8,658	--	--	--	2	130	192	7,994	8,464	
Other	2,312	2,718	238	298	243	286	1,340	1,568	496	566	
Want a job now	5,032	5,206	1,298	1,331	832	691	2,338	2,635	560	545	
Reason not looking:											
School attendance	1,392	1,404	1,038	1,033	209	193	142	176	2	2	
Ill health, disability	745	651	31	9	51	52	487	460	176	129	
Home responsibilities	1,067	1,219	56	81	244	170	722	935	44	34	
Think cannot get job	944	962	100	89	166	130	482	511	196	231	
Job-market factors	732	700	65	62	140	125	421	415	106	134	
Personal factors	211	263	34	26	27	6	61	96	90	97	
Other reasons ¹	884	971	73	119	162	147	505	553	142	149	
Males											
Total not in labor force	16,666	16,767	3,684	3,608	1,589	1,393	2,864	2,976	8,529	8,791	
Do not want a job now	15,096c	15,223	3,101c	2,965	1,341	1,225	2,392c	2,527	8,260c	8,511	
Current activity:											
Going to school	4,298	4,041	2,927	2,778	1,081	978	282	284	8	2	
Ill, disabled	2,527	2,539	26	26	92	83	1,209	1,212	1,201	1,219	
Keeping house	207	246	23	14	17	3	32	51	136	179	
Retired	6,619	6,844	--	--	--	2	112	170	6,505	6,671	
Other	1,445	1,556	125	147	151	158	757	811	410	439	
Want a job now	1,570c	1,544	580c	644	246c	168	472	449	270c	280	
Reason not looking:											
School attendance	675	672	491	541	120	75	62	56	2	--	
Ill health, disability	328	267	11	2	29	18	189	169	98	78	
Think cannot get job	314	314	59	37	43	35	116	117	96	124	
Other reasons ¹	253c	291	19c	64	54c	40	105c	107	74c	78	
Females											
Total not in labor force	42,724	42,497	4,300	4,284	3,440	3,380	20,113	19,707	14,871	15,127	
Do not want a job now	39,262	38,834	3,582	3,596	2,855	2,856	18,246	17,521	14,580	14,862	
Current activity:											
Going to school	3,872	4,065	2,854	2,851	690	896	324	312	7	8	
Ill, disabled	2,113	1,966	19	18	65	51	999	909	1,029	987	
Keeping house	30,901	29,825	600	575	2,008	1,781	16,323	15,522	11,969	11,946	
Retired	1,506	1,815	--	--	--	--	18	22	1,489	1,793	
Other	870	1,163	110	152	91	128	581	755	87	128	
Want a job now	3,462	3,663	718	688	585	524	1,867	2,186	291	265	
Reason not looking:											
School attendance	717	732	547	492	89	118	80	118	--	2	
Ill health, disability	417	384	20	7	22	34	298	292	78	52	
Home responsibilities	1,067	1,219	56	81	244	170	722	935	44	34	
Think cannot get job	630	648	41	52	122	95	367	395	101	106	
Other reasons	631	680	54	56	108	107	400	446	68	71	

¹ Includes small number of men not looking for work because of "home responsibilities."

c=corrected.

**HOUSEHOLD DATA
QUARTERLY AVERAGES**

A-54. Job desire of persons not in labor force and reasons for not seeking work by age, race, and sex

[In thousands]

Reasons for not seeking work	Total		Age in years						Males		Females	
			16-24		25-59		60 and over		IV 1975	IV 1976	IV 1975	IV 1976
	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976				
WHITE												
Total not in labor force	51,971	51,756	10,555	10,168	20,165	19,876	21,252	21,711	14,246	14,311	37,725	37,445
Do not want a job now	48,187	47,792	9,027	8,741	18,404	17,800	20,760	21,251	12,999	13,130	35,188	34,662
Current activity:												
Going to school	6,728	6,612	6,231	6,116	483	484	15	10	3,564	3,309	3,164	3,303
Ill, disabled	3,705	3,654	153	135	1,688	1,627	1,864	1,890	2,033	2,065	1,672	1,589
Keeping house	28,366	27,370	2,279	2,039	14,965	14,185	11,121	11,149	165	214	28,201	27,156
Retired	7,426	7,869	--	--	121	174	7,302	7,692	6,052	6,237	1,374	1,632
Other	1,962	2,286	359	451	1,147	1,328	456	510	1,185	1,304	777	982
Want a job now	3,784	3,964	1,528	1,427	1,761	2,076	492	460	1,247	1,181	2,537	2,783
Reason not looking:												
School attendance	1,042	1,002	937	871	101	128	2	2	528	504	514	498
Ill health, disability	539	460	57	41	329	327	152	93	255	203	284	257
Home responsibilities ¹	780	962	178	172	570	763	32	27	--	--	780	962
Think cannot get job	656	713	167	138	316	378	173	197	242	221	414	492
Other reasons	767	827	189	205	445	480	133	141	222	253	545	574
BLACK AND OTHER												
Total not in labor force	7,418	7,509	2,457	2,496	2,811	2,808	2,150	2,206	2,419	2,457	4,999	5,052
Do not want a job now	6,169	6,268	1,854	1,898	2,235	2,251	2,080	2,121	2,096	2,095	4,073	4,173
Current activity:												
Going to school	1,440	1,494	1,319	1,386	120	110	--	--	733	732	707	762
Ill, disabled	934	851	49	43	520	494	364	317	494	474	440	377
Keeping house	2,743	2,700	367	336	1,392	1,389	983	976	43	30	2,700	2,670
Retired	700	790	--	--	9	18	692	772	567	607	133	183
Other	352	432	120	136	194	241	41	57	260	252	93	180
Want a job now	1,249	1,241	603	598	576	557	70	85	323	362	926	879
Reason not looking:												
School attendance	351	402	310	354	41	47	--	--	148	168	203	234
Ill health, disability	207	191	25	20	158	133	24	36	73	64	134	127
Home responsibilities ¹	287	256	123	78	151	170	13	7	--	--	287	256
Think cannot get job	288	249	98	83	166	133	23	35	72	93	216	156
Other reasons	116	143	47	63	60	74	10	7	30	37	-86	106

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

A-55. Persons not in labor force who desire work but think they cannot get jobs by age, race, sex, and detailed reason

[In thousands]

4th Quarter 1976

Detailed reason for not seeking work	Total	Age in years				Race	
		16-19	20-24	25-59	60 and over	White	Black and other
TOTAL							
Personal factors:							
Employers think too young or old	156	11	--	18	126	150	6
Lacks education or training	79	13	4	57	6	66	13
Other personal handicap	28	2	2	21	2	20	9
Job-market factors:							
Could not find job	389	55	75	209	49	232	157
Thinks no job available	311	7	50	206	48	246	65
Males							
Personal factors:							
Employers think too young or old	66	4	--	2	60	65	1
Lacks education or training	26	9	2	13	2	17	9
Other personal handicap	7	--	--	7	--	2	5
Job-market factors:							
Could not find job	133	20	24	52	37	64	69
Thinks no job available	83	4	10	42	25	73	9
Females							
Personal factors:							
Employers think too young or old	90	8	--	16	66	85	5
Lacks education or training	53	4	2	43	4	49	4
Other personal handicap	21	2	2	14	2	18	4
Job-market factors:							
Could not find job	256	35	51	157	11	168	88
Thinks no job available	228	3	39	165	22	173	56

HOUSEHOLD DATA QUARTERLY AVERAGES

A-56. Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during previous 12 months by age, race, and sex

[Numbers in thousands]

Most recent work experience and reason for leaving job	Total		Age in years						White		Black and other	
	IV 1975	IV 1976	16-24		25-59		60 and over		IV 1975	IV 1976	IV 1975	IV 1976
			IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976				
Total, not in labor force	59,390	59,264	13,012	12,664	22,977	22,683	23,399	23,917	51,971	51,756	7,417	7,509
Never worked	10,071	9,834	5,046	4,982	2,340	2,224	2,686	2,628	8,344	8,002	1,728	1,832
Last worked over 5 years ago	27,656	27,775	349	354	11,955	11,480	15,351	15,940	24,798	24,907	2,856	2,868
Last worked 1 to 5 years ago	11,476	11,551	2,177	2,012	5,339	5,598	3,960	3,942	9,996	10,182	1,480	1,370
Left job during previous 12 months	10,186	10,103	5,440	5,315	3,343	3,380	1,402	1,407	8,833	8,665	1,353	1,438
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	47.9	48.7	64.6	65.1	38.5	40.3	5.4	7.4	48.6	50.0	43.0	41.1
Ill health, disability	7.6	8.4	1.7	1.7	13.8	15.7	16.0	16.5	7.3	7.4	10.1	14.5
Retirement, old age	8.1	7.6	--	--	2.9	2.9	51.5	47.5	8.6	8.2	4.4	3.2
Economic reasons	20.3	20.0	18.4	19.0	23.8	22.2	19.2	18.6	19.1	18.9	28.3	26.7
End of seasonal job	8.4	9.3	9.3	10.8	7.5	7.4	6.9	8.1	7.7	8.6	12.8	13.2
Slack work	6.9	5.6	4.9	4.0	10.4	8.4	6.5	5.0	6.5	5.3	10.1	7.8
End of temporary job	4.9	5.1	4.1	4.2	5.9	6.4	5.8	5.4	4.9	5.0	5.3	5.8
All other reasons	16.1	15.2	15.3	14.3	21.1	18.9	7.9	10.1	16.4	15.4	14.1	14.4
Males, not in labor force	16,666	16,767	5,273	5,001	2,864	2,976	8,529	8,791	14,246	14,311	2,419	2,457
Never worked	2,194	2,222	1,987	1,949	184	226	23	46	1,689	1,660	505	561
Last worked over 5 years ago	6,447	6,662	47	46	991	981	5,410	5,634	5,633	5,818	814	844
Last worked 1 to 5 years ago	3,801	3,788	554	512	987	1,010	2,260	2,265	3,245	3,314	556	474
Left job during previous 12 months	4,224	4,095	2,687	2,493	702	758	835	845	3,679	3,518	545	577
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	44.1	44.8	63.2	65.4	19.7	24.0	3.0	2.6	44.8	45.7	39.7	39.6
Ill health, disability	8.4	10.4	1.8	2.2	28.1	30.7	13.0	16.4	8.0	9.5	11.0	15.8
Retirement, old age	13.2	12.7	--	--	7.4	8.8	60.1	53.4	14.1	13.8	6.8	6.1
Economic reasons	18.4	19.6	18.4	20.1	19.7	17.7	17.1	20.0	17.4	18.8	25.2	25.0
End of seasonal job	9.0	10.3	10.7	11.8	6.3	6.1	7.2	9.5	8.3	10.3	14.2	10.6
Slack work	5.6	4.9	4.3	3.8	11.7	7.2	4.7	5.7	5.6	4.4	6.6	7.5
End of temporary job	3.7	4.5	3.5	4.4	1.7	4.2	6.2	4.9	3.6	4.1	4.4	6.9
All other reasons	16.0	12.5	16.5	12.3	25.1	18.9	6.8	7.6	15.8	12.3	17.3	13.5
Females, not in labor force	42,724	42,497	7,740	7,664	20,113	19,707	14,871	15,127	37,725	37,445	4,998	5,052
Never worked	7,878	7,612	3,059	3,034	2,156	1,997	2,663	2,582	6,655	6,342	1,223	1,271
Last worked over 5 years ago	21,209	21,113	303	308	10,964	10,499	9,941	10,306	19,165	19,089	2,043	2,024
Last worked 1 to 5 years ago	7,675	7,764	1,623	1,499	4,352	4,588	1,700	1,676	6,751	6,868	924	896
Left job during previous 12 months	5,962	6,007	2,753	2,822	2,641	2,622	567	563	5,154	5,147	808	861
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	50.5	51.4	66.0	64.8	43.4	44.9	8.8	14.5	51.3	52.9	45.3	42.2
Ill health, disability	7.1	7.1	1.6	1.3	10.0	11.3	20.2	16.5	6.7	6.0	9.5	13.6
Retirement, old age	4.5	4.1	--	--	1.7	1.2	38.7	38.6	4.7	4.6	2.8	1.3
Economic reasons	21.7	20.2	18.4	18.0	24.9	23.6	22.5	16.5	20.3	18.9	30.3	28.0
End of seasonal job	7.9	8.5	8.1	9.8	7.8	7.7	8.1	5.8	7.3	7.5	11.9	14.9
Slack work	7.9	6.2	5.6	4.1	10.1	8.7	9.2	4.2	7.2	5.9	12.5	8.0
End of temporary job	5.8	5.5	4.8	3.9	7.0	7.1	5.3	6.4	5.8	5.6	5.9	5.0
All other reasons	16.3	17.1	14.0	16.1	20.0	18.9	9.7	14.0	16.9	17.5	12.0	15.0

A-57. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within next 12 months by age, race, and sex

[In thousands]

Work-seeking intentions and work history	Total		Age in years						White		Black and other	
	IV 1975	IV 1976	16-24		25-59		60 and over		IV 1975	IV 1976	IV 1975	IV 1976
			IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976				
Total	49,511	48,918	6,971	6,448	19,707	19,076	22,832	23,394	43,964	43,452	5,546	5,466
Do not intend to seek work	9,879	10,345	6,041	6,215	3,270	3,606	567	523	8,007	8,304	1,871	2,041
Intend to seek work in the next 12 months	1,779	1,835	1,659	1,703	106	128	14	4	1,338	1,355	441	480
Never worked	1,020	1,102	60	48	855	957	104	96	813	929	207	174
Last worked over 5 years ago	2,079	2,313	842	871	1,037	1,247	200	197	1,652	1,796	426	518
Last worked 1 to 5 years ago	5,001	5,095	3,479	3,595	1,272	1,274	249	226	4,204	4,225	797	870
Worked during previous 12 months												
Males	12,721	12,997	2,287	2,142	2,195	2,357	8,239	8,499	10,980	11,210	1,741	1,787
Do not intend to seek work	3,945	3,770	2,986	2,859	669	619	290	291	3,266	3,101	678	669
Intend to seek work in the next 12 months	763	733	745	717	19	15	--	--	591	544	172	189
Never worked	117	107	13	7	73	60	31	41	89	84	28	24
Last worked over 5 years ago	668	623	329	303	221	212	118	108	493	521	174	102
Last worked 1 to 5 years ago	2,397	2,307	1,899	1,832	356	331	141	143	2,093	1,952	304	354
Worked during previous 12 months												
Females	36,790	35,921	4,685	4,306	17,513	16,720	14,591	14,895	32,984	32,242	3,805	3,679
Do not intend to seek work	5,934	6,575	3,055	3,358	2,600	2,986	280	231	4,741	5,203	1,193	1,372
Intend to seek work in the next 12 months	1,016	1,102	916	985	87	112	14	4	747	811	269	291
Never worked	903	994	47	42	782	896	74	55	724	845	179	150
Last worked over 5 years ago	1,411	1,691	512	567	816	1,034	83	89	1,159	1,275	252	416
Last worked 1 to 5 years ago	2,604	2,788	1,580	1,762	915	942	109	84	2,111	2,273	493	516
Worked during previous 12 months												

**HOUSEHOLD DATA
QUARTERLY AVERAGES**

A-58. Employment status of the civilian noninstitutional population and the white, black, and Spanish origin components by sex and age

[Numbers in thousands]

Employment status	Total		White		Black ¹		Spanish origin ²	
	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976
TOTAL								
Civilian noninstitutional population	152,318	154,843	134,301	136,326	15,708	16,077	6,811	7,121
Civilian labor force	92,928	95,561	82,329	84,570	9,135	9,451	4,083	4,323
Percent of population	61.0	61.7	61.3	62.0	58.2	58.8	59.9	60.7
Employment	85,705	88,578	76,477	78,966	7,877	8,208	3,600	3,841
Agriculture	3,179	3,126	2,913	2,865	221	233	173	198
Nonagricultural industries	82,526	85,452	73,564	76,102	7,656	7,975	3,427	3,644
Unemployment	7,223	6,983	5,852	5,604	1,258	1,243	484	482
Unemployment rate	7.8	7.3	7.1	6.6	13.8	13.2	11.8	11.1
Not in labor force	59,390	59,282	51,972	51,756	6,572	6,626	2,727	2,797
Males, 20 years and over								
Civilian noninstitutional population	63,828	65,014	56,874	57,862	6,016	6,157	2,696	2,790
Civilian labor force	50,846	51,854	45,569	46,430	4,530	4,648	2,296	2,362
Percent of population	79.7	79.8	80.1	80.2	75.3	75.5	85.2	84.7
Employment	47,720	48,958	43,027	44,092	3,999	4,148	2,092	2,138
Agriculture	2,351	2,266	2,147	2,059	169	183	140	144
Nonagricultural industries	45,369	46,692	40,880	42,032	3,829	3,965	1,953	1,994
Unemployment	3,126	2,896	2,543	2,338	531	500	204	224
Unemployment rate	6.1	5.6	5.6	5.0	11.7	10.7	8.9	9.5
Not in labor force	12,982	13,160	11,305	11,432	1,486	1,510	400	428
Females, 20 years and over								
Civilian noninstitutional population	72,140	73,378	63,519	64,497	7,503	7,707	3,142	3,288
Civilian labor force	33,716	35,147	29,253	30,434	3,852	4,065	1,364	1,489
Percent of population	46.7	47.9	46.1	47.2	51.3	52.7	43.4	45.3
Employment	31,213	32,648	27,236	28,452	3,409	3,608	1,196	1,324
Agriculture	479	532	447	496	28	30	16	25
Nonagricultural industries	30,734	32,117	26,790	27,956	3,381	3,578	1,180	1,299
Unemployment	2,503	2,499	2,017	1,981	443	458	168	165
Unemployment rate	7.4	7.1	6.9	6.5	11.5	11.3	12.3	11.1
Not in labor force	38,424	38,231	34,266	34,063	3,651	3,641	1,778	1,799
Both sexes, 16-19 years								
Civilian noninstitutional population	16,351	16,451	13,907	13,968	2,189	2,213	973	1,043
Civilian labor force	8,367	8,560	7,507	7,707	753	738	423	472
Percent of population	51.2	52.0	54.0	55.2	34.4	33.3	43.5	45.3
Employment	6,772	6,972	6,214	6,422	470	453	311	379
Agriculture	349	329	320	309	23	20	17	28
Nonagricultural industries	6,423	6,643	5,895	6,114	446	432	295	351
Unemployment	1,595	1,588	1,292	1,284	284	286	112	93
Unemployment rate	19.1	18.6	17.2	16.7	37.7	38.7	26.4	19.7
Not in labor force	7,984	7,891	6,401	6,261	1,436	1,475	549	571

¹ According to the 1970 Census, black workers comprised about 89 percent of the "black and other" population group.

means that they are also included in the data for white and black workers. At the time of the 1970 Census, approximately 96 percent of their population was white.

² Data on persons of Spanish origin are tabulated separately, without regard to race, which

HOUSEHOLD DATA QUARTERLY AVERAGES

A-59. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

[Numbers in thousands]

Employment status	Not seasonally adjusted		Seasonally adjusted								
			1974				1975				
	IV 1975	IV 1976	IV	I	II	III	IV	I	II	III	IV
VETERANS¹											
Total, 20 to 34 years:											
Civilian noninstitutional population ²	6,584	6,797	6,311	6,373	6,423	6,488	6,584	6,640	6,668	6,710	6,797
Civilian labor force	6,150	6,399	5,968	5,959	6,029	6,108	6,202	6,221	6,316	6,336	6,439
Employed	5,625	5,931	5,566	5,448	5,461	5,522	5,575	5,745	5,837	5,808	5,879
Unemployed	525	468	402	510	569	586	627	476	479	529	560
Unemployment rate	8.5	7.3	6.7	8.6	9.4	9.6	10.1	7.7	7.6	8.3	8.7
20 to 24 years											
Civilian noninstitutional population ²	1,128	1,083	1,306	1,239	1,187	1,146	1,128	1,101	1,088	1,071	1,083
Civilian labor force	952	947	1,168	1,065	1,037	1,010	973	921	949	938	961
Employed	764	798	1,005	877	823	818	754	760	794	765	787
Unemployed	188	149	163	188	214	192	219	161	155	173	175
Unemployment rate	19.6	15.7	14.0	17.7	20.7	19.0	22.5	17.5	16.3	18.4	18.2
25 to 29 years											
Civilian noninstitutional population ²	3,463	3,186	3,488	3,505	3,486	3,471	3,463	3,421	3,328	3,250	3,186
Civilian labor force	3,267	2,996	3,330	3,314	3,286	3,278	3,304	3,245	3,160	3,054	3,028
Employed	3,030	2,788	3,139	3,077	3,042	3,005	3,003	3,019	2,942	2,834	2,764
Unemployed	237	208	190	237	243	274	301	225	218	220	264
Unemployment rate	7.3	6.9	5.7	7.2	7.4	8.3	9.1	6.9	6.9	7.2	8.7
30 to 34 years											
Civilian noninstitutional population ²	1,993	2,528	1,516	1,629	1,750	1,871	1,993	2,118	2,252	2,389	2,528
Civilian labor force	1,931	2,456	1,471	1,579	1,707	1,820	1,925	2,055	2,207	2,343	2,450
Employed	1,831	2,345	1,422	1,495	1,596	1,699	1,818	1,965	2,101	2,207	2,329
Unemployed	100	111	49	85	111	121	107	90	106	136	121
Unemployment rate	5.2	4.5	3.3	5.4	6.5	6.6	5.6	4.4	4.8	5.8	4.9
NONVETERANS											
Total, 20 to 34 years:											
Civilian noninstitutional population ²	16,200	16,999	15,301	15,544	15,767	16,006	16,200	16,419	16,640	16,849	16,999
Civilian labor force	14,363	15,321	13,899	14,024	14,199	14,417	14,518	14,730	15,019	15,199	15,465
Employed	13,123	14,079	12,834	12,705	12,768	12,926	13,094	13,482	13,837	13,897	14,044
Unemployed	1,240	1,242	1,065	1,319	1,432	1,491	1,424	1,248	1,182	1,300	1,421
Unemployment rate	8.6	8.1	7.7	9.4	10.1	10.3	9.8	8.5	7.9	8.6	9.2
20 to 24 years											
Civilian noninstitutional population ²	7,723	7,982	7,242	7,400	7,526	7,639	7,723	7,819	7,885	7,951	7,982
Civilian labor force	6,311	6,725	6,186	6,299	6,352	6,432	6,454	6,631	6,708	6,710	6,867
Employed	5,570	6,000	5,566	5,492	5,482	5,516	5,600	5,862	5,990	5,981	6,032
Unemployed	741	725	620	807	870	916	854	769	718	730	835
Unemployment rate	11.7	10.8	10.0	12.8	13.7	14.2	13.2	11.6	10.7	10.9	12.2
25 to 29 years											
Civilian noninstitutional population ²	4,626	5,173	4,183	4,262	4,368	4,493	4,626	4,775	4,972	5,120	5,173
Civilian labor force	4,368	4,897	3,971	4,038	4,134	4,252	4,354	4,479	4,683	4,852	4,879
Employed	4,065	4,551	3,700	3,718	3,794	3,889	4,021	4,182	4,396	4,473	4,499
Unemployed	303	346	271	320	340	363	333	297	287	379	380
Unemployment rate	6.9	7.1	6.8	7.9	8.2	8.5	7.7	6.6	6.1	7.8	7.8
30 to 34 years											
Civilian noninstitutional population ²	3,851	3,844	3,877	3,882	3,874	3,874	3,851	3,825	3,783	3,778	3,844
Civilian labor force	3,684	3,699	3,743	3,686	3,713	3,733	3,710	3,621	3,629	3,634	3,719
Employed	3,487	3,528	3,568	3,494	3,492	3,520	3,473	3,439	3,451	3,443	3,513
Unemployed	196	171	175	192	222	212	237	182	178	191	206
Unemployment rate	5.3	4.6	4.7	5.2	6.0	5.7	6.4	5.0	4.9	5.3	5.5

¹ Vietnam-era veterans are those who served between August 5, 1964, and April 30, 1975.

² Since seasonal variations are not present in the population figures, identical numbers appear in the unadjusted and seasonally adjusted columns.

**HOUSEHOLD DATA
QUARTERLY AVERAGES**

A-60. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years by age and race

[Numbers in thousands]

Employment status	Veterans ¹						Nonveterans					
	White			Black and other			White			Black and other		
	IV 1975	III 1976	IV 1976	IV 1975	III 1976	IV 1976	IV 1975	III 1976	IV 1976	IV 1975	III 1976	IV 1976
Total, 20 to 34 years:												
Civilian noninstitutional population	5,911	5,989	6,077	673	721	720	14,103	14,709	14,819	2,099	2,140	2,180
Civilian labor force	5,560	5,693	5,757	590	643	642	12,594	13,660	13,483	1,769	1,827	1,838
Employed	5,135	5,322	5,379	490	560	552	11,603	12,702	12,520	1,520	1,579	1,559
Unemployed	425	371	378	100	83	90	991	958	963	249	248	279
Unemployment rate	7.6	6.5	6.6	16.9	12.9	14.0	7.9	7.0	7.1	14.1	13.6	15.2
20 to 24 years												
Civilian noninstitutional population	946	899	910	182	172	173	6,775	6,959	6,984	948	992	998
Civilian labor force	815	811	811	137	127	136	5,573	6,215	5,948	738	791	777
Employed	677	691	692	87	94	106	4,957	5,655	5,389	613	651	611
Unemployed	138	120	119	50	33	30	616	560	559	125	140	166
Unemployment rate	16.9	14.8	14.7	36.5	26.0	22.1	11.1	9.0	9.4	16.9	17.7	21.4
25 to 29 years												
Civilian noninstitutional population	3,155	2,927	2,874	308	323	312	4,016	4,478	4,512	612	642	661
Civilian labor force	2,986	2,764	2,708	281	300	288	3,827	4,286	4,310	541	567	587
Employed	2,780	2,593	2,542	250	269	246	3,594	2,927	4,040	471	495	511
Unemployed	206	171	166	31	31	42	233	266	270	70	72	76
Unemployment rate	6.9	6.2	6.1	11.0	10.3	14.6	6.1	6.2	6.3	12.9	12.7	12.9
30 to 34 years												
Civilian noninstitutional population	1,810	2,163	2,293	183	226	235	3,312	3,272	3,323	539	506	521
Civilian labor force	1,759	2,118	2,238	172	216	218	3,194	3,159	3,225	490	469	474
Employed	1,678	2,038	2,145	153	197	200	3,052	3,027	3,091	436	433	437
Unemployed	81	80	93	19	19	18	142	132	134	54	36	37
Unemployment rate	4.6	3.8	4.2	11.0	8.8	8.3	4.4	4.2	4.2	11.0	7.7	7.8

¹ See footnote 1, table A-59.

HOUSEHOLD DATA QUARTERLY AVERAGES

A-61. Employment status of the population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976
Total												
Civilian noninstitutional population	103,987	105,295	45,108	45,347	58,879	59,948	48,331	49,548	5,245	4,728	43,086	44,820
Civilian labor force	64,313	65,835	27,077	27,538	37,236	38,297	28,616	29,726	3,168	2,876	25,448	26,850
Percent of population	61.8	62.5	60.0	60.7	63.2	63.9	59.2	60.0	60.4	60.8	59.1	59.9
Employed	59,082	60,826	24,595	25,137	34,487	35,689	26,623	27,752	3,069	2,796	23,554	24,956
Unemployed	5,231	5,009	2,482	2,401	2,749	2,608	1,993	1,974	99	80	1,894	1,894
Unemployment rate	8.1	7.6	9.2	8.7	7.4	6.8	7.0	6.6	3.1	2.8	7.4	7.1
Not in labor force	39,674	39,459	18,031	17,809	21,643	21,650	19,716	19,822	2,077	1,852	17,639	17,970
Males, 20 years and over												
Civilian noninstitutional population	43,375	43,980	18,461	18,616	24,914	25,364	20,453	21,035	2,354	2,139	18,099	18,896
Civilian labor force	34,952	35,542	14,326	14,513	20,626	21,029	15,893	16,313	1,978	1,789	13,915	14,524
Percent of population	80.6	80.8	77.8	78.0	82.8	82.9	77.7	77.6	84.0	83.7	76.9	76.9
Employed	32,623	33,423	13,171	13,409	19,452	20,014	15,098	15,535	1,941	1,758	13,157	13,777
Unemployed	2,330	2,118	1,154	1,102	1,176	1,016	796	778	37	31	759	747
Unemployment rate	6.7	6.0	8.1	7.6	5.7	4.8	5.0	4.8	1.9	1.7	5.5	5.1
Not in labor force	8,423	8,438	4,135	4,103	4,288	4,335	4,559	4,722	376	350	4,183	4,372
Females, 20 years and over												
Civilian noninstitutional population	49,441	50,111	22,016	22,168	27,425	27,943	22,699	23,267	2,194	2,032	20,505	21,235
Civilian labor force	23,615	24,450	10,522	10,871	13,093	13,579	10,100	10,697	866	830	9,234	9,867
Percent of population	47.8	48.8	47.8	49.0	47.7	48.6	44.5	46.0	39.5	40.9	45.0	46.5
Employed	21,875	22,691	9,725	10,048	12,150	12,643	9,339	9,958	835	797	8,504	9,161
Unemployed	1,741	1,759	797	822	944	937	762	739	31	34	731	705
Unemployment rate	7.4	7.2	7.6	7.6	7.2	6.9	7.5	6.9	3.6	4.1	7.9	7.1
Not in labor force	25,826	25,661	11,494	11,297	14,332	14,364	12,598	12,570	1,328	1,202	11,270	11,368
Both sexes, 16-19 years												
Civilian noninstitutional population	11,171	11,204	4,631	4,563	6,540	6,641	5,180	5,247	694	557	4,483	4,690
Civilian labor force	5,745	5,843	2,229	2,155	3,516	3,688	2,622	2,716	324	257	2,298	2,459
Percent of population	51.4	52.2	48.1	47.2	53.8	55.5	50.6	51.8	46.5	46.0	51.3	52.4
Employed	4,585	4,712	1,699	1,679	2,886	3,033	2,187	2,260	294	241	1,893	2,019
Unemployed	1,160	1,131	530	476	630	655	435	457	31	15	404	442
Unemployment rate	20.2	19.4	23.8	22.1	17.9	17.8	16.6	16.8	9.5	5.9	17.6	18.0
Not in labor force	5,426	5,361	2,403	2,408	3,023	2,953	2,558	2,530	373	301	2,185	2,229
White												
Civilian noninstitutional population	90,117	91,120	34,881	35,011	55,236	56,109	44,184	45,205	4,870	4,447	39,314	40,758
Civilian labor force	56,073	57,322	21,158	21,539	34,915	35,783	26,256	27,248	2,952	2,733	23,304	24,515
Percent of population	62.2	62.9	60.7	61.5	63.2	63.8	59.4	60.3	60.6	61.4	59.3	60.1
Employed	51,955	53,402	19,512	19,941	32,443	33,461	24,522	25,564	2,868	2,664	21,654	22,900
Unemployed	4,119	3,920	1,646	1,598	2,473	2,322	1,733	1,684	83	69	1,650	1,615
Unemployment rate	7.3	6.8	7.8	7.4	7.1	6.5	6.6	6.2	2.8	2.5	7.1	6.6
Not in labor force	34,043	33,799	13,723	13,472	20,320	20,327	17,928	17,957	1,918	1,715	16,010	16,242
Black and other												
Civilian noninstitutional population	13,870	14,174	10,227	10,336	3,643	3,838	4,147	4,343	375	281	3,772	4,062
Civilian labor force	8,239	8,513	5,919	6,000	2,320	2,513	2,360	2,478	217	143	2,143	2,335
Percent of population	59.4	60.1	57.9	58.0	63.7	65.5	56.9	57.1	57.7	51.1	56.8	57.5
Employed	7,127	7,424	5,083	5,196	2,044	2,228	2,101	2,187	201	132	1,990	2,055
Unemployed	1,112	1,089	836	803	276	286	259	290	15	11	244	279
Unemployment rate	13.5	12.8	14.1	13.4	11.9	11.4	11.0	11.7	7.1	7.8	11.4	11.9
Not in labor force	5,631	5,661	4,309	4,336	1,322	1,325	1,787	1,865	159	137	1,628	1,728

**HOUSEHOLD DATA
QUARTERLY AVERAGES**

A-62. Employment status of the population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976
Total												
Civilian noninstitutional population	28,791	29,061	123,527	125,782	11,601	11,494	92,386	93,800	17,191	17,567	31,141	31,982
Civilian labor force	15,456	15,940	77,472	79,621	5,936	6,017	58,377	59,819	9,520	9,923	19,095	19,803
Percent of population	53.7	54.8	62.7	63.3	51.2	52.3	63.2	63.8	55.4	56.5	61.3	61.9
Employed	13,957	14,485	71,748	74,093	5,123	5,238	53,959	55,589	8,834	9,247	17,789	18,505
Unemployed	1,499c	1,455	5,724	5,528	813	779	4,418	4,230	687	676	1,306	1,298
Unemployment rate	9.7	9.1	7.4	6.9	13.7	12.9	7.6	7.1	7.2	6.8	6.8	6.6
Not in labor force	13,335	13,121	46,055	46,161	5,665	5,478	34,009	33,982	7,670	7,643	12,045	12,179
White												
Civilian noninstitutional population	20,328	20,391	113,974	115,935	6,025	5,838	84,092	85,282	14,303	14,552	29,882	30,653
Civilian labor force	11,113	11,441	71,216	73,129	3,169	3,148	52,905	54,174	7,944	8,293	18,312	18,955
Percent of population	54.7	56.1	62.5	63.1	52.6	53.9	62.9	63.5	55.5	57.0	61.2	61.8
Employed	10,265	10,628	66,212	68,339	2,838	2,826	49,117	50,576	7,427	7,801	17,069	17,763
Unemployed	848	814	5,004	4,790	331	321	3,788	3,598	518	492	1,216	1,192
Unemployment rate	7.6	7.1	7.0	6.5	10.4	10.2	7.2	6.6	6.5	5.9	6.6c	6.3
Not in labor force	9,215	8,949	42,757	42,807	2,856	2,690	31,187	31,108	6,358	6,259	11,570	11,698
Black and other												
Civilian noninstitutional population	8,464	8,671	9,553	9,847	5,576	5,656	8,294	8,518	2,888	3,014	1,259	1,329
Civilian labor force	4,343	4,499	6,256	6,493	2,767	2,869	5,472	5,645	1,576	1,630	784	848
Percent of population	51.3	51.9	65.5	65.9	49.6	50.7	66.0	66.3	54.6	54.1	62.2	63.8
Employed	3,692	3,857	5,536	5,754	2,285	2,411	4,842	5,013	1,407	1,446	694	741
Unemployed	651	641	720	738	482	458	630	632	169c	184	90	107
Unemployment rate	15.0	14.3	11.5	11.4	17.4	16.0	11.5	11.2	10.7	11.3	11.5	12.6
Not in labor force	4,120	4,172	3,298	3,354	2,808	2,788	2,822	2,873	1,312	1,384	475	481

c = corrected

A-63. Unemployment rates for selected labor force groups in poverty and nonpoverty areas by sex, age, and race

Sex, age, and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976	IV 1975	IV 1976
Total												
Both sexes, 16 years and over	9.7	9.1	7.4	6.9	13.7	12.9	7.6	7.1	7.2	6.8	6.8	6.6
Males, 20 years and over	7.9	7.2	5.8	5.3	12.3	11.8	6.1	5.4	5.2	4.7	4.9	4.8
Females, 20 years and over	8.8	8.6	7.2	6.8	10.4	10.4	7.0	6.9	7.6	7.4	7.5	6.7
Both sexes, 16-19 years	25.5	22.9	17.8	17.7	38.3	32.4	18.5	18.1	18.1	17.6	15.9	16.4
White												
Both sexes, 16 years and over	7.6	7.1	7.0	6.5	10.4	10.2	7.2	6.6	6.5	5.9	6.6c	6.3
Males, 20 years and over	6.0	5.6	5.5	4.9	9.2	9.6	5.8	5.1	4.8	4.1	4.7	4.6
Females, 20 years and over	7.5	6.9	6.8	6.4	8.7	8.7	6.7	6.4	7.0	6.3	7.2	6.4
Both sexes, 16-19 years	19.2	17.1	16.9	16.6	27.2	21.0	17.4	16.9	16.3	15.8	15.8	15.7
Black and other												
Both sexes, 16 years and over	15.0	14.3	11.5	11.4	17.4	16.0	11.5	11.2	10.7	11.3	11.5	12.6
Males, 20 years and over	13.2	11.9	9.5	9.2	16.4	14.4	9.6	9.0	7.9	7.7	9.3	9.9
Females, 20 years and over	11.5	12.1	10.5	10.2	12.0	12.0	10.2	10.1	10.5	12.4	12.4	11.1
Both sexes, 16-19 years	40.6	38.0	30.6	33.6	49.7	44.0	33.1	33.8	26.5	27.3	17.9	32.9

c = corrected

ESTABLISHMENT DATA EMPLOYMENT

B-2. Employees on nonagricultural payrolls, by industry

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
-	TOTAL	78,339	78,527	80,204	80,524	80,722	-	-	-	-	-
-	PRIVATE SECTOR	63,151	63,300	64,957	65,127	65,304	51,952	52,113	53,487	53,617	53,743
-	MINING	763	763	804	810	803	579	580	609	615	606
10	METAL MINING	91.6	91.3	95.6	95.3	-	70.8	70.7	74.0	73.9	-
101	Iron ores	24.1	23.5	26.1	25.4	-	19.2	18.8	21.1	20.5	-
102	Copper ores	35.9	36.2	36.8	36.9	-	27.5	27.8	28.3	28.5	-
11,12	COAL MINING	211.0	212.1	220.6	223.6	-	180.5	181.8	187.2	190.9	-
12	Bituminous coal and lignite mining	207.1	208.2	216.8	219.7	-	177.1	178.4	183.9	187.5	-
13	OIL AND GAS EXTRACTION	345.9	348.4	370.0	374.0	-	237.2	240.3	253.8	257.6	-
131,2	Crude petroleum and natural gas fields	163.0	161.8	166.0	166.5	-	83.3	82.7	81.7	82.0	-
138	Oil and gas field services	182.9	186.6	204.0	207.5	-	153.9	157.6	172.1	175.6	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	114.6	110.9	117.9	116.7	-	90.0	86.8	93.7	92.3	-
142	Crushed and broken stone	39.8	37.7	41.7	41.3	-	32.3	30.2	34.4	34.0	-
144	Sand and gravel	34.5	32.7	37.0	36.3	-	-	-	-	-	-
-	CONTRACT CONSTRUCTION	3,522	3,338	3,557	3,467	3,295	2,817	2,637	2,868	2,780	2,605
15	GENERAL BUILDING CONTRACTORS	1,056.8	1,015.9	1,059.5	1,045.6	-	830.0	788.0	840.4	827.2	-
16	HEAVY CONSTRUCTION CONTRACTORS	718.0	627.0	738.0	692.3	-	597.4	507.2	617.0	571.9	-
161	Highway and street construction	313.6	250.8	322.7	294.6	-	268.7	207.1	281.0	252.9	-
162	Heavy construction, nec	404.4	376.2	415.3	397.7	-	328.7	300.1	336.0	319.0	-
17	SPECIAL TRADE CONTRACTORS	1,746.9	1,694.9	1,759.1	1,729.1	-	1,389.6	1,341.9	1,410.7	1,381.3	-
171	Plumbing, heating, air conditioning	421.6	404.6	406.4	404.8	-	313.0	307.9	309.8	308.3	-
172	Painting, paper hanging, decorating	122.6	112.0	133.7	127.2	-	104.6	94.8	114.6	108.6	-
173	Electrical work	315.0	314.1	308.2	306.1	-	247.0	245.9	242.5	240.1	-
174	Masonry, stonework, and plastering	192.2	184.7	192.6	187.2	-	167.2	159.5	168.6	163.1	-
176	Roofing and sheet metal work	127.1	120.8	130.3	128.3	-	103.6	97.4	107.6	105.9	-
-	MANUFACTURING	18,635	18,584	19,185	19,222	19,125	13,370	13,329	13,807	13,839	13,746
19,24,26, 32-39	DURABLE GOODS	10,739	10,735	11,131	11,223	11,210	7,623	7,625	7,941	8,032	8,018
20-23, 28-31	NONDURABLE GOODS	7,896	7,849	8,054	7,999	7,915	5,747	5,704	5,866	5,807	5,728
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	162.2	163.6	156.0	156.5	156.1	72.4	74.4	70.0	70.4	70.2
192	Ammunition, except for small arms	107.3	108.6	101.9	102.4	102.0	37.2	39.2	35.9	36.3	36.0
1925	Complete guided missiles	87.1	89.0	84.1	84.5	-	22.3	24.8	22.9	23.2	-
1929	Ammunition, exc. for small arms, nec	20.2	19.6	17.8	17.9	-	14.9	14.4	13.0	13.1	-
24	LUMBER AND WOOD PRODUCTS	574.3	569.5	622.5	616.7	613.5	479.1	474.4	524.2	519.2	515.1
241	Logging camps and logging contractors	75.3	72.3	78.8	76.4	74.4	-	-	-	-	-
242	Sawmills and planing mills	201.3	200.7	214.0	211.3	-	178.3	177.7	190.6	188.0	-
2421	Sawmills and planing mills, general	171.5	170.8	182.0	174.1	-	151.6	151.0	162.1	159.9	-
243	Millwork, plywood and related products	186.5	185.3	210.1	209.8	(*)	152.9	151.6	174.3	174.1	(*)
2431	Millwork	83.4	83.7	94.5	94.2	-	67.6	67.9	77.6	77.2	-
2432	Veneer and plywood	69.2	68.9	75.9	75.9	-	61.5	61.1	67.7	67.6	-
244	Wooden containers	21.7	21.2	21.4	21.5	-	19.0	18.7	18.8	19.0	-
2441,2	Wooden boxes, shooks, and crates	17.3	17.1	17.2	17.3	-	15.2	15.2	15.2	15.3	-
249	Miscellaneous wood products	89.5	90.0	98.2	97.7	-	71.8	72.1	79.0	78.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
DURABLE GOODS—Continued											
26	FURNITURE AND FIXTURES	476.0	475.8	498.4	496.4	493.5	389.4	389.0	410.8	409.1	404.6
251	Household furniture	345.3	344.9	361.7	359.7	356.6	291.5	291.0	307.3	305.6	301.4
2511	Wood household furniture	175.4	175.6	187.3	186.0	—	153.7	154.1	164.6	163.5	—
2512	Upholstered household furniture	101.3	101.1	104.7	105.0	—	84.3	83.7	87.0	87.3	—
2515	Mattresses and bedsprings	34.2	33.9	33.9	33.3	—	26.0	25.8	26.2	25.7	—
252	Office furniture	36.3	36.4	39.8	40.4	—	28.5	28.5	32.2	32.9	—
254	Partitions and fixtures	50.0	50.2	53.2	52.8	—	36.9	37.1	39.9	39.3	—
253,9	Other furniture and fixtures	44.4	44.3	43.7	43.5	(*)	32.5	32.4	31.4	31.3	(*)
32	STONE, CLAY, AND GLASS PRODUCTS	619.1	608.1	641.8	639.7	623.7	492.9	482.2	512.3	510.0	493.8
321	Flat glass	16.8	16.6	16.5	16.7	—	13.4	13.2	13.3	13.5	—
322	Glass and glassware, pressed or blown	128.7	128.5	135.1	134.5	132.4	110.9	110.7	116.8	116.3	113.9
3221	Glass containers	75.1	75.1	78.7	78.7	—	66.1	66.1	69.5	69.6	—
3229	Pressed and blown glass, nec	53.6	53.4	56.4	55.8	—	44.8	44.6	47.3	46.7	—
324	Cement, hydraulic	29.5	27.7	29.8	29.9	29.5	23.0	21.4	23.6	23.8	23.3
325	Structural clay products	47.3	46.8	47.7	47.1	45.6	37.9	37.4	37.8	37.3	36.1
3251	Brick and structural clay tile	20.8	20.5	22.0	21.5	—	17.3	17.1	18.2	17.7	—
326	Pottery and related products	42.8	42.6	44.0	44.5	—	36.1	35.9	37.5	37.7	—
327	Concrete, gypsum, and plaster products	188.0	181.3	196.6	194.3	186.0	145.9	139.4	153.4	151.2	143.1
328,9	Other stone and nonmetallic mineral products	129.9	128.8	134.4	134.7	133.3	97.9	96.8	101.1	101.8	100.1
3291	Abrasive products	23.6	23.8	24.5	25.0	—	16.5	16.7	17.4	17.9	—
33	PRIMARY METAL INDUSTRIES	1,141.7	1,152.5	1,192.6	1,181.3	1,182.9	887.4	898.2	934.1	923.4	926.5
331	Blast furnace and basic steel products	515.1	519.1	541.7	531.7	(*)	397.7	402.1	421.5	412.0	(*)
3312	Blast furnaces and steel mills	444.5	448.8	468.2	458.9	—	344.4	349.0	366.0	357.1	(*)
332	Iron and steel foundries	218.5	219.4	215.0	214.6	(*)	179.5	180.5	176.0	175.9	(*)
3321	Gray iron foundries	134.8	136.6	137.6	137.8	—	112.6	114.3	114.4	114.9	—
3322	Malleable iron foundries	21.2	20.9	19.8	19.7	—	16.8	16.6	15.8	15.8	—
3323	Steel foundries	62.5	61.9	57.6	57.1	—	50.1	49.6	45.8	45.2	—
333,4	Nonferrous metals	79.6	82.2	85.5	85.6	85.4	60.2	62.4	65.3	65.3	65.5
3334	Primary aluminum	27.7	30.4	34.3	34.5	—	21.9	24.3	27.8	28.0	—
335	Nonferrous rolling and drawing	183.6	186.0	197.2	195.8	(*)	134.0	136.3	146.8	145.7	(*)
3351	Copper rolling and drawing	33.8	34.0	36.3	35.9	—	25.4	25.7	27.8	27.4	—
3352	Aluminum rolling and drawing	55.2	57.3	62.7	62.3	—	38.7	40.4	45.5	45.2	—
3357	Nonferrous wire drawing and insulating	77.2	77.4	78.5	78.1	—	57.7	57.9	59.1	59.0	—
336	Nonferrous foundries	74.5	75.7	80.3	80.7	80.5	61.0	62.2	66.6	66.8	67.0
3361	Aluminum castings	39.9	40.7	43.9	44.6	—	33.0	33.8	36.8	37.4	—
3362,9	Other nonferrous castings	34.6	35.0	36.4	36.1	—	28.0	28.4	29.8	29.4	—
339	Miscellaneous primary metal products	70.4	70.1	72.9	72.9	72.4	55.0	54.7	57.9	57.7	57.5
3391	Iron and steel forgings	46.7	46.1	47.0	47.1	—	36.8	36.1	37.5	37.5	—
34	FABRICATED METAL PRODUCTS	1,356.4	1,350.7	1,406.5	1,414.1	1,415.1	1,017.0	1,031.2	1,062.0	1,068.0	1,070.1
341	Metal cans	59.3	59.9	60.4	61.1	60.4	50.3	51.1	51.9	52.4	51.6
342	Cutlery, hand tools, and hardware	162.9	160.0	172.0	173.8	174.2	124.6	122.7	133.5	135.2	135.4
3421,3,5	Cutlery and hand tools, including saws	69.5	68.6	71.8	72.5	—	53.0	52.1	54.8	55.5	—
3429	Hardware, nec	93.4	91.4	100.2	101.3	—	71.6	70.6	78.7	79.7	—
343	Plumbing and heating, except electric	67.8	67.4	70.9	71.5	71.3	49.7	49.4	52.6	52.8	52.9
3431,2	Sanitary ware and plumbers' brass goods	30.0	30.1	31.7	31.9	—	22.9	23.0	24.2	24.2	—
3433	Heating equipment, except electric	37.8	37.3	39.2	39.6	—	26.8	26.4	28.4	28.6	—
344	Fabricated structural metal products	453.1	447.3	455.7	455.5	(*)	315.3	310.6	316.6	316.0	(*)
3441	Fabricated structural steel	103.6	102.6	98.3	98.3	—	73.9	73.4	69.4	69.0	—
3442	Metal doors, sash, and trim	69.6	67.6	73.0	73.3	—	50.5	48.8	54.1	54.2	—
3443	Fabricated plate work (boiler shops)	141.7	141.1	138.0	137.6	—	94.1	93.5	89.2	88.8	—
3444	Sheet metal work	83.4	81.9	87.8	88.3	—	59.9	58.5	63.6	64.0	—
3446,9	Architectural and miscellaneous metal work	54.8	54.1	58.6	58.0	—	36.9	36.4	40.3	40.0	—
345	Screw machine products, bolts, etc	92.0	92.8	100.8	101.1	101.9	70.6	71.3	78.6	78.6	79.2
3451	Screw machine products	42.2	42.9	47.8	47.8	—	34.3	35.0	39.4	39.2	—
3452	Bolts, nuts, rivets, and washers	49.8	49.9	53.0	53.3	—	36.3	36.3	39.2	39.4	—
346	Metal stampings	219.3	220.2	227.6	230.5	231.6	177.2	178.4	184.7	187.6	189.1
347	Metal services, nec	84.8	84.7	93.5	94.0	—	93.1	68.9	68.8	76.7	77.1
348	Miscellaneous fabricated wire products	57.2	57.2	59.5	59.3	58.7	44.7	45.1	46.8	46.7	46.1
349	Miscellaneous fabricated metal products	160.0	161.2	166.1	167.3	169.0	115.7	115.8	120.6	121.6	123.5
3494,8	Valves, pipe, and pipe fittings	105.3	106.4	108.4	110.0	—	72.1	72.7	74.3	75.6	—

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
DURABLE GOODS--Continued											
35	MACHINERY, EXCEPT ELECTRICAL	2, 030.4	2, 038.4	2, 072.2	2, 112.5	2, 129.5	1, 312.8	1, 319.4	1, 325.5	1, 366.4	1, 384.7
351	Engines and turbines	111.3	111.3	114.3	114.1	(*)	72.1	73.6	74.5	74.2	(*)
3511	Steam engines and turbines	41.0	43.1	42.8	43.0	-	21.2	23.0	22.9	22.9	-
3519	Internal combustion engines, nec.	70.3	70.2	71.5	71.1	-	50.9	50.6	51.6	51.3	-
352	Farm machinery	144.0	146.1	121.2	146.9	-	100.5	101.9	76.2	103.0	-
353	Construction and related machinery	342.1	341.5	333.0	335.5	(*)	224.8	223.9	211.3	214.8	(*)
3531.2	Construction and mining machinery	186.9	185.3	172.1	172.9	-	122.8	121.5	107.8	109.3	-
3533	Oil field machinery	68.1	68.5	69.7	70.2	-	49.7	49.6	48.8	49.6	-
3535,6	Conveyors, hoists, cranes, monorails	44.6	45.1	48.5	49.0	-	27.4	27.7	28.7	29.4	-
3537	Industrial trucks and tractors	28.6	28.9	30.9	31.6	-	17.7	17.9	20.0	20.6	-
354	Metal working machinery	300.1	301.4	314.2	317.8	321.8	217.7	218.8	229.7	232.8	235.1
3541	Machine tools, metal cutting types	58.4	58.3	61.1	61.7	-	37.7	37.6	39.7	40.3	-
3544	Special dies, tools, jigs, and fixtures	115.9	116.8	123.6	125.9	-	92.5	93.4	99.2	101.3	-
3545	Machine tool accessories	52.6	52.9	55.8	56.1	-	37.5	37.6	40.1	40.0	-
3542,8	Miscellaneous metal working machinery ..	73.2	73.4	73.7	74.1	-	50.0	50.2	50.7	51.2	-
355	Special industry machinery	173.6	174.9	176.9	178.1	(*)	109.4	111.4	112.7	113.8	(*)
3551	Food products machinery	40.2	40.1	40.8	41.6	-	25.7	25.7	26.2	26.8	-
3552	Textile machinery	30.5	31.0	31.1	31.1	-	21.5	22.2	22.4	22.4	-
3555	Printing trades machinery	25.0	25.2	25.2	25.4	-	15.1	15.3	14.5	14.7	-
356	General industrial machinery	280.9	281.0	289.4	291.3	(*)	183.5	184.0	188.3	189.8	(*)
3561	Pumps and compressors	79.6	80.4	82.9	83.3	-	47.2	47.7	49.5	49.7	-
3562	Ball and roller bearings	52.7	52.8	54.1	54.9	-	40.1	40.0	41.5	42.1	-
3564	Blowers and fans	33.2	32.4	35.1	35.2	-	20.8	20.7	22.4	22.1	-
3566	Power transmission equipment	47.9	47.9	45.4	45.7	-	33.9	34.2	31.5	31.8	-
357	Office and computing machines	281.8	282.3	300.7	304.4	(*)	113.5	113.2	120.7	124.6	(*)
3573	Electronic computing equipment	211.6	211.9	226.9	229.8	-	70.8	70.8	77.4	80.7	-
358	Service industry machines	148.8	151.0	166.2	166.2	(*)	101.1	103.3	116.2	115.4	(*)
3585	Refrigeration machinery	103.1	105.0	115.6	116.0	-	71.6	73.0	82.7	82.7	-
359	Miscellaneous machinery, except electrical ..	247.8	246.9	256.3	258.2	260.4	190.2	189.3	195.9	198.0	200.1
36	ELECTRICAL EQUIPMENT AND SUPPLIES ..	1 782.0	1 785.1	1 868.9	1 880.5	1 884.0	1 164.5	1 171.4	1 242.3	1 251.7	1 253.5
361	Electric test and distributing equipment* ..	188.4	190.5	194.4	195.2	196.5	124.4	125.8	130.3	131.0	132.7
3611	Electric measuring instruments	67.4	67.7	71.9	72.2	-	40.5	40.5	43.4	43.5	-
3612	Transformers	47.7	49.0	46.1	46.8	-	33.4	34.5	32.6	33.4	-
3613	Switchgear and switchboard apparatus ..	73.3	73.8	76.4	76.2	-	50.5	50.8	54.3	54.1	-
362	Electrical industrial apparatus	201.3	204.1	216.3	217.9	218.9	140.0	142.9	154.3	155.6	156.9
3621	Motors and generators	98.9	101.5	106.1	107.1	-	72.5	75.1	79.1	80.0	-
3622	Industrial controls	64.0	64.1	68.5	68.9	-	40.8	41.1	45.4	45.7	-
363	Household appliances	159.2	160.3	164.0	167.6	165.6	122.2	124.0	127.9	130.0	128.1
3632	Household refrigerators and freezers	35.0	36.5	30.3	33.4	-	26.7	27.9	22.6	24.6	-
3633	Household laundry equipment	24.1	23.7	24.6	24.7	-	18.5	18.1	19.6	19.6	-
3634	Electric housewares and fans	48.0	46.9	51.5	51.6	-	37.6	36.7	41.1	40.8	-
364	Electric lighting and wiring equipment	185.7	187.5	200.9	201.1	201.1	141.3	142.9	153.8	154.4	154.0
3641	Electric lamps	34.3	35.7	37.9	37.6	-	30.4	31.9	33.6	33.1	-
3642	Lighting fixtures	61.5	61.6	65.4	65.6	-	46.9	46.9	50.4	51.4	-
3643,4	Wiring devices	89.9	90.2	97.6	97.9	-	64.0	64.1	69.8	69.9	-
365	Radio and TV receiving equipment	129.4	127.1	135.7	133.5	(*)	95.0	92.6	100.1	98.2	(*)
366	Communication equipment	423.3	421.6	424.6	426.6	(*)	210.0	209.6	212.3	213.4	(*)
3661	Telephone and telegraph apparatus	134.4	133.8	136.5	138.0	-	86.1	86.2	90.5	92.5	-
3662	Radio and TV communication equipment	288.9	287.8	288.1	288.6	-	123.9	123.4	121.8	120.9	-
367	Electronic components and accessories	358.2	357.8	384.1	385.6	(*)	226.2	228.1	249.0	250.0	(*)
3671-3	Electron tubes	43.3	43.1	42.2	42.4	-	28.4	28.2	27.5	27.4	-
3674,9	Other electronic components	314.9	314.7	341.9	343.2	-	197.8	199.9	221.5	222.6	-
369	Miscellaneous electrical equipment and supplies	136.5	136.2	148.9	153.0	152.9	105.4	105.5	114.6	119.1	119.2
3694	Engine electrical equipment	70.0	70.2	76.3	80.2	-	55.2	55.5	60.0	64.0	-
37	TRANSPORTATION EQUIPMENT	1 678.1	1 691.2	1 722.1	1 780.7	1 780.9	1 181.6	1 194.9	1 210.1	1 270.5	1 268.7
371	Motor vehicles and equipment	817.9	820.3	834.8	890.4	(*)	638.1	640.4	642.8	700.9	(*)
3711	Motor vehicles	343.5	341.2	340.3	374.1	-	256.9	254.3	248.3	284.4	-
3712	Passenger car bodies	47.0	46.6	50.1	50.4	-	37.6	37.9	40.3	40.4	-
3713	Truck and bus bodies	37.6	38.0	39.9	39.7	-	28.8	29.2	30.5	30.3	-
3714	Motor vehicle parts and accessories	371.9	376.8	381.4	403.2	-	302.5	306.7	305.9	328.2	-
3715	Truck trailers	17.9	17.7	23.1	23.0	-	12.3	12.3	17.6	17.6	-
372	Aircraft and parts	503.0	502.7	481.4	483.6	(*)	266.6	265.3	246.4	248.3	(*)
3721	Aircraft	270.7	270.4	260.5	261.4	-	133.2	132.3	122.6	123.0	-
3722	Aircraft engines and engine parts	135.6	135.9	130.9	132.0	-	74.5	74.3	70.2	71.2	-
3723,9	Other aircraft parts and equipment	96.7	96.4	90.0	90.2	-	58.9	58.7	53.6	54.1	-
373	Ship and boat building and repairing	192.7	204.9	217.7	220.5	222.6	150.1	163.4	173.4	175.3	177.8
3731	Ship building and repairing	151.7	162.6	169.9	171.6	-	116.9	129.0	134.1	135.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
	DURABLE GOODS—Continued										
	TRANSPORTATION EQUIPMENT—Continued										
3732	Boat building and repairing	41.0	42.3	47.8	48.9	—	33.2	34.4	39.3	40.0	—
374	Railroad equipment	47.6	48.4	42.9	44.7	—	35.4	36.3	31.3	32.9	—
375.9	Other transportation equipment	116.9	114.9	145.3	141.5	—	91.4	89.5	116.4	113.1	—
38	INSTRUMENTS AND RELATED PRODUCTS	494.6	495.0	514.0	517.2	518.6	298.3	298.7	313.7	315.6	316.5
381	Engineering and scientific instruments	60.1	59.7	58.2	58.6	—	29.8	29.4	28.1	27.9	—
382	Mechanical measuring and control devices	111.4	112.7	118.9	119.4	119.4	70.3	71.5	75.4	76.0	76.6
3821	Mechanical measuring devices	74.8	75.2	77.3	78.3	—	44.2	44.5	46.1	47.0	—
3822	Automatic temperature controls	36.6	37.5	41.6	41.1	—	26.1	27.0	29.3	29.0	—
383.5	Optical and ophthalmic goods	60.7	61.2	65.4	66.3	67.0	41.1	41.5	44.3	45.2	45.4
385	Ophthalmic goods	39.6	40.1	42.3	42.6	—	29.0	29.4	31.0	31.0	—
384	Medical instruments and supplies	104.5	105.1	110.5	111.3	111.5	69.1	70.0	74.2	74.6	74.4
386	Photographic equipment and supplies	126.6	125.8	130.4	313.2	313.4	62.6	62.1	67.4	67.8	68.3
387	Watches, clocks, and watchcases	31.3	30.5	30.6	30.4	—	25.4	24.2	24.3	24.1	—
	MISCELLANEOUS MANUFACTURING INDUSTRIES	423.7	405.5	435.8	427.1	412.5	327.5	309.0	336.1	327.5	314.3
391	Jewelry, silverware, and plated ware	53.2	53.1	55.8	56.1	55.4	39.4	39.4	41.2	41.6	40.8
394	Toys and sporting goods	121.1	105.4	131.9	124.7	—	94.7	79.1	104.3	97.3	—
3941.3	Games, toys, dolls, and play vehicles	69.6	53.6	76.4	68.1	—	53.5	38.0	59.5	51.6	—
3949	Sporting and athletic goods, nec	51.5	51.8	55.5	56.6	—	41.2	41.1	44.8	45.7	—
395	Pens, pencils, office, and art supplies	35.4	34.4	33.5	33.9	—	25.8	24.4	23.5	24.0	—
396	Costume jewelry and notions	57.7	57.3	53.0	52.9	—	47.5	47.2	43.1	43.0	—
393.9	Other manufacturing industries	156.3	155.3	161.6	159.5	156.1	120.1	118.9	124.0	121.6	119.2
393	Musical instruments and parts	24.2	24.2	24.1	23.7	—	20.1	20.1	19.7	19.3	—
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	1,710.1	1,674.7	1,777.9	1,725.6	1,680.6	1,167.4	1,133.5	1,228.6	1,177.5	1,135.5
201	Meat products	349.5	347.2	360.2	362.8	363.1	287.2	285.5	298.1	299.4	299.8
2011	Meat packing plants	168.6	169.7	172.9	175.3	—	135.6	137.1	140.0	141.4	—
2013	Sausages and other prepared meats	66.0	66.4	66.8	67.6	—	46.5	47.0	47.6	48.1	—
2015	Poultry dressing plants	114.9	111.1	120.5	119.9	—	105.1	101.4	110.5	109.9	—
202	Dairy products	192.2	191.8	192.9	191.0	189.4	98.6	98.1	99.9	98.6	96.9
2024	Ice cream and frozen desserts	21.1	20.9	22.0	20.8	—	11.2	11.0	11.7	10.9	—
2026	Fluid milk	125.5	125.4	124.3	123.9	—	53.1	53.1	53.3	52.8	—
203	Canned, cured, and frozen foods	290.7	264.2	332.5	287.2	—	242.4	316.0	281.6	236.8	—
2031.6	Canned, cured, and frozen sea foods	45.5	45.4	46.5	45.9	—	38.9	38.9	40.5	40.1	—
2032.3	Canned food, except sea foods	126.5	102.4	156.3	122.9	—	101.8	83.0	130.4	97.3	—
2037	Frozen fruits and vegetables	70.5	67.0	77.5	71.6	—	62.5	58.9	68.8	62.8	—
204	Grain mill products	139.4	140.0	148.1	146.8	148.4	97.9	98.8	103.6	102.0	103.5
2041	Flour and other grain mill products	26.0	26.2	27.5	27.6	—	18.7	19.0	19.7	19.9	—
2042	Prepared feeds for animals and fowls	71.9	72.7	75.6	75.3	—	47.7	48.7	49.5	49.1	—
205	Bakery products	239.4	239.0	243.2	243.2	241.8	137.7	137.4	140.9	140.8	139.4
2051	Bread, cake, and related products	198.5	198.0	201.1	201.7	—	105.2	104.9	107.3	107.6	—
2052	Cookies and crackers	40.9	41.0	42.1	41.5	—	32.5	32.5	33.6	33.2	—
206	Sugar	46.5	43.2	43.4	42.7	—	37.4	34.6	35.2	34.8	—
207	Confectionery and related products	80.2	78.2	81.0	79.0	(*)	62.1	60.2	62.6	61.0	(*)
2071	Confectionery products	60.6	58.6	60.1	59.2	—	48.0	46.1	47.6	46.9	—
208	Beverages	225.0	223.3	229.1	225.7	224.2	108.6	107.3	111.3	108.6	106.6
2082	Malt liquors	50.3	50.0	49.3	49.3	—	33.3	33.2	35.4	35.1	—
2086	Bottled and canned soft drinks	126.4	126.9	132.8	131.7	—	45.9	46.1	48.1	47.1	—
209	Miscellaneous foods and kindred products	147.2	147.8	147.5	147.2	146.6	95.5	95.6	95.4	95.5	95.7
21	TOBACCO MANUFACTURES	87.0	83.7	84.2	81.4	78.1	73.2	70.2	71.0	68.5	65.3
211	Cigarettes	45.8	46.4	44.9	45.0	—	37.2	37.9	36.6	36.8	—
212	Cigars	11.4	11.3	10.1	10.0	—	10.0	9.9	8.8	8.7	—
22	TEXTILE MILL PRODUCTS	955.2	957.4	964.8	964.1	963.8	834.0	836.5	841.7	839.1	839.4
221	Weaving mills, cotton	172.7	174.0	175.3	175.3	174.6	157.1	158.4	159.3	159.2	158.7
222	Weaving mills, synthetics	120.1	121.4	122.4	123.0	123.5	107.3	108.7	109.2	109.6	110.3
223	Weaving and finishing mills, wool	21.5	21.9	22.5	22.3	(*)	17.8	18.2	18.8	18.6	(*)
224	Narrow fabric mills	25.2	25.5	25.7	25.7	25.5	21.9	22.2	22.3	22.3	22.1
225	Knitting mills	256.3	253.7	259.0	258.3	257.0	220.6	218.1	222.4	221.1	220.2
2251	Women's hosiery, except socks	38.4	38.6	38.9	39.4	—	33.8	34.1	34.2	34.5	—
2252	Hosiery, nec	33.8	33.5	34.3	34.1	—	30.1	29.7	30.4	30.3	—
2253	Knit outerwear mills	76.0	73.7	78.4	77.4	—	64.5	62.2	66.9	65.4	—
2254	Knit underwear mills	37.7	38.0	39.2	39.6	—	32.8	33.2	33.8	34.2	—

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
NONDURABLE GOODS—Continued											
TEXTILE MILL PRODUCTS—Continued											
226	Textile finishing, except wool	81.6	82.4	78.9	79.8	79.3	69.3	70.1	66.8	67.5	67.2
227	Floor covering mills	60.6	59.7	61.1	61.0	—	48.2	47.4	48.5	48.2	—
228	Yarn and thread mills	151.2	153.0	152.2	151.7	152.4	138.0	139.7	139.2	138.7	139.0
229	Miscellaneous textile goods	66.0	65.8	67.7	67.0	66.7	53.8	53.7	55.2	53.9	53.4
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,307.8	1,295.0	1,295.7	1,293.2	1,259.2	1,128.2	1,117.0	1,112.7	1,110.3	1,079.1
231	Men's and boys' suits and coats	86.1	87.5	89.6	89.7	89.8	75.1	76.5	79.1	79.0	79.0
232	Men's and boys' furnishings	375.0	375.6	383.6	380.7	(*)	321.7	322.7	327.5	325.1	(*)
2321	Men's and boys' shirts and nightwear	116.7	116.3	117.8	116.7	—	101.8	101.7	102.5	101.5	—
2327	Men's and boys' separate trousers	85.4	86.3	85.5	84.7	—	74.9	75.8	74.2	73.7	—
2328	Men's and boys' work clothing	91.6	92.1	94.3	94.5	—	75.7	76.2	77.1	77.3	—
233	Women's and misses' outerwear	406.0	397.9	379.3	379.8	(*)	357.3	349.8	332.1	332.1	(*)
2331	Women's and misses' blouses and waists	51.8	50.4	47.7	46.9	—	45.9	44.5	42.0	41.2	—
2335	Women's and misses' dresses	175.4	172.8	166.3	165.9	—	158.0	155.3	148.5	148.1	—
2337	Women's and misses' suits and coats	63.1	58.8	55.1	56.5	—	53.6	49.8	47.2	47.9	—
2339	Women's and misses' outerwear, nec	115.7	115.9	110.2	110.5	—	99.8	100.2	94.4	94.9	—
234	Women's and children's undergarments	102.9	100.8	102.8	102.2	99.0	87.6	85.6	87.3	86.6	83.7
2341	Women's and children's underwear	78.2	76.0	77.8	77.1	—	67.7	65.6	67.4	66.6	—
2342	Corsets and allied garments	24.7	24.8	25.0	25.1	—	19.9	20.0	19.9	20.0	—
235	Hats, caps, and millinery	15.6	15.4	15.5	15.9	—	13.8	13.6	13.5	13.9	—
236	Children's outerwear	76.1	74.7	77.1	75.6	(*)	66.2	64.7	66.3	64.9	(*)
2361	Children's dresses and blouses	31.1	30.6	31.0	30.9	—	28.2	27.7	28.0	27.9	—
237,8	Fur goods and miscellaneous apparel	66.8	65.0	69.2	68.3	—	57.6	56.1	59.7	58.7	—
239	Miscellaneous fabricated textile products	179.3	178.1	178.6	181.0	178.8	148.9	148.0	147.2	150.0	147.3
2391,2	Housefurnishings	78.0	76.9	78.5	77.8	—	65.8	64.7	65.7	65.3	—
26	PAPER AND ALLIED PRODUCTS	657.2	660.5	681.9	685.7	683.1	496.6	499.1	516.2	520.6	518.5
261,2,6	Paper and pulp mills	192.7	194.5	200.1	201.6	200.4	147.0	148.6	152.9	153.8	152.4
263	Paperboard mills	68.2	68.4	70.3	70.8	70.5	54.2	54.3	55.8	56.5	56.0
264	Miscellaneous converted paper products	192.5	193.3	199.2	199.8	199.0	137.7	138.1	142.4	144.0	144.4
2643	Bags, except textile bags	42.7	43.1	43.7	44.1	—	34.2	34.5	35.1	35.4	—
265	Paperboard containers and boxes	203.8	204.3	212.3	213.5	213.2	157.7	158.1	165.1	166.3	165.7
2651,2	Folding and setup paperboard boxes	57.7	57.7	60.9	61.1	—	46.6	46.8	49.6	49.9	—
2653	Corrugated and solid fiber boxes	98.7	98.5	103.2	103.6	—	72.6	72.4	76.3	76.6	—
2654	Sanitary food containers	29.4	29.9	30.3	30.7	—	24.3	24.6	25.0	25.4	—
27	PRINTING AND PUBLISHING	1,075.8	1,081.6	1,090.4	1,094.4	1,100.7	631.7	636.9	634.3	635.9	642.0
271	Newspapers	376.5	377.2	387.8	391.3	392.3	167.2	167.2	167.8	169.4	169.1
272	Periodicals	70.2	70.3	70.9	71.3	—	18.4	18.6	18.7	19.2	—
273	Books	89.6	91.4	87.2	87.5	—	47.0	48.7	45.7	46.3	—
275	Commercial printing	359.1	362.4	361.8	361.5	(*)	270.0	273.4	271.5	271.3	(*)
2751	Commercial printing, except lithographic	202.7	204.6	206.7	205.9	—	154.8	156.5	157.3	156.8	—
2752	Commercial printing, lithographic	146.4	147.5	145.2	145.5	—	107.9	109.3	106.8	106.9	—
278	Blankbooks and bookbinding	49.3	49.2	50.7	50.3	(*)	40.3	40.5	41.3	40.9	(*)
274,6,7,9	Other publishing and printing ind	131.1	131.1	132.0	132.5	133.2	88.8	88.5	89.3	88.8	89.5
28	CHEMICALS AND ALLIED PRODUCTS	1,018.8	1,016.3	1,037.5	1,036.8	1,038.9	579.0	577.4	590.7	589.1	590.3
281	Industrial chemicals	326.1	327.2	337.7	339.0	339.5	173.1	173.6	179.7	180.8	181.1
2812	Alkalies and chlorine	21.4	21.4	21.1	21.4	—	15.5	15.6	15.6	15.9	—
2818	Industrial organic chemicals, nec	135.5	135.9	139.8	140.0	—	58.9	58.9	62.7	63.2	—
2819	Industrial inorganic chemicals, nec	106.6	107.2	110.8	111.6	—	59.6	59.8	59.9	59.9	—
282	Plastics materials and synthetics	208.3	206.6	202.6	200.3	200.7	138.4	137.5	135.0	132.8	133.4
2821	Plastics materials and resins	86.9	85.9	89.0	89.1	—	52.9	52.5	56.0	55.8	—
2823,4	Synthetic fibers	109.1	108.5	101.7	97.8	—	76.8	76.3	70.0	66.8	—
283	Drugs	164.7	164.9	169.7	170.4	171.4	81.6	82.0	84.1	84.8	84.6
2834	Pharmaceutical preparations	131.5	131.7	135.4	136.1	—	63.2	63.6	64.6	65.3	—
284	Soap, cleaners, and toilet goods	119.8	118.1	127.5	126.4	125.6	69.9	69.0	77.1	75.6	75.2
2841	Soap and other detergents	38.7	38.7	40.6	40.9	—	25.6	25.7	27.3	27.5	—
2844	Toilet preparations	49.1	47.3	53.2	52.1	—	28.1	27.0	32.1	30.6	—
285	Paints and allied products	64.0	63.6	66.5	66.6	66.0	34.0	33.6	35.5	35.2	34.6
287	Agricultural chemicals	54.3	54.7	54.4	54.4	55.6	33.7	33.9	33.0	33.1	34.3
2871,2	Fertilizers, complete and mixing only	32.2	32.4	32.4	32.2	—	22.3	22.4	22.0	22.0	—
286,9	Other chemical products	81.6	81.2	79.1	79.7	80.1	48.3	47.8	46.3	46.8	47.1
2892	Explosives	16.8	16.8	13.4	13.5	—	10.7	10.8	8.2	8.5	—
29	PETROLEUM AND COAL PRODUCTS	202.4	200.2	204.6	203.8	201.9	129.9	128.4	132.9	131.9	130.4
291	Petroleum refining	157.2	156.5	157.0	156.9	156.6	96.8	96.7	97.8	97.4	97.4
295,9	Other petroleum and coal products	45.2	43.7	47.6	46.9	45.3	33.1	31.7	35.1	34.5	33.0

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
NONDURABLE GOODS—Continued											
30	RUBBER AND PLASTICS PRODUCTS, NEC...	610.4	608.7	652.6	649.1	654.7	473.0	470.6	511.9	508.1	504.1
301	Tires and inner tubes	117.5	117.5	118.5	117.7	118.6	84.6	84.8	87.6	86.1	87.1
302,3,6	Other rubber products	160.2	160.9	171.9	171.4	171.6	125.3	125.7	134.8	134.5	135.0
302	Rubber footwear	22.7	23.1	23.5	22.4	—	19.1	19.4	19.8	19.0	—
307	Miscellaneous plastics products	332.7	330.3	362.2	360.0	355.5	263.1	260.1	289.5	287.5	282.0
31	LEATHER AND LEATHER PRODUCTS	271.0	271.3	264.2	264.8	262.7	233.9	233.9	225.9	225.9	223.2
311	Leather tanning and finishing	24.1	24.2	22.8	22.9	23.3	20.9	20.9	19.4	19.5	19.8
314	Footwear, except rubber	168.6	170.4	163.1	163.6	162.7	147.5	148.8	141.6	141.9	140.6
312,3,5-7,9	Other leather products	78.3	76.7	78.3	78.3	76.7	65.5	64.2	64.9	64.5	62.8
316	Luggage	17.3	17.1	17.9	17.6	—	13.7	13.6	14.1	13.8	—
317	Handbags and personal leather goods	37.3	35.7	36.6	36.4	—	31.5	30.2	30.6	30.3	—
—	TRANSPORTATION AND PUBLIC UTILITIES	4,509	4,477	4,538	4,537	4,537	3,869	3,836	3,887	3,870	3,858
40	RAILROAD TRANSPORTATION	527.5	520.7	537.4	533.6	—	—	—	—	—	—
4011	Class I railroads ²	484.9	481.0	498.8	495.9	—	—	—	—	—	—
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	277.4	278.4	275.2	274.4	—	—	—	—	—	—
411	Local and suburban transportation	68.9	69.4	67.1	65.9	—	63.8	64.3	61.4	60.3	—
412	Taxicabs	80.0	80.4	75.1	76.3	—	—	—	—	—	—
413	Intercity highway transportation	38.1	39.2	39.4	39.2	—	34.1	35.2	35.5	35.2	—
42	TRUCKING AND WAREHOUSING	1,111.3	1,109.3	1,104.3	1,105.7	—	995.7	993.6	984.2	984.7	—
421,3	Trucking and trucking terminals	1,018.7	1,017.5	1,012.2	1,011.4	—	915.6	914.6	904.8	903.1	—
422	Public warehousing	92.6	91.8	92.1	94.3	—	80.1	79.0	79.4	81.6	—
45	TRANSPORTATION BY AIR	362.5	331.3	372.8	372.8	—	—	—	—	—	—
451,2	Air transportation	327.2	296.1	337.1	336.7	—	—	—	—	—	—
46	PIPELINE TRANSPORTATION	16.4	16.4	16.6	16.5	—	12.4	12.1	12.2	12.2	—
44,47	OTHER TRANSPORTATION AND SERVICES	326.1	335.6	345.2	347.4	—	—	—	—	—	—
44	WATER TRANSPORTATION	185.2	193.3	197.7	198.8	—	—	—	—	—	—
47	TRANSPORTATION SERVICES	140.9	142.3	147.5	148.6	—	—	—	—	—	—
48	COMMUNICATION	1,157.7	1,155.9	1,150.9	1,152.0	—	890.3	889.0	885.6	885.9	—
481	Telephone communication	951.0	949.4	939.4	939.0	—	724.5	723.3	714.8	713.7	—
482	Telegraph communication ³	18.4	18.2	(*)	(*)	—	13.0	12.8	(*)	(*)	—
483	Radio and television broadcasting	155.4	155.3	159.8	160.9	—	124.1	124.0	127.8	128.4	—
49	ELECTRIC, GAS, AND SANITARY SERVICES	729.6	729.0	735.6	734.6	—	608.3	607.5	608.8	607.7	—
491	Electric companies and systems	313.0	312.9	314.5	314.6	—	258.4	258.3	258.6	258.6	—
492	Gas companies and systems	159.2	159.1	158.0	157.6	—	131.5	131.1	129.6	129.2	—
493	Combination companies and systems	193.2	192.6	194.7	194.7	—	163.6	163.3	161.7	161.5	—
494-7	Water, steam, and sanitary systems	64.2	64.4	68.4	67.7	—	54.8	54.8	58.9	58.4	—
—	WHOLESALE AND RETAIL TRADE	17,313	17,737	17,707	17,894	18,336	15,317	15,738	15,651	15,830	16,247
50	WHOLESALE TRADE	4,207	4,215	4,322	4,327	4,327	3,483	3,491	3,582	3,587	3,582
501	Motor vehicles and automotive equipment	369.3	371.2	382.0	384.9	—	301.8	303.6	311.4	313.9	—
502	Drugs, chemicals, and allied products	240.6	240.0	242.0	242.1	—	193.2	192.4	192.2	192.4	—
503	Dry goods and apparel	154.6	155.2	156.2	157.5	—	121.1	121.5	121.8	123.1	—
504	Groceries and related products	613.3	616.7	638.1	639.9	—	535.2	538.8	556.7	558.2	—
506	Electrical goods	321.1	318.4	321.3	322.8	—	270.3	267.9	270.1	271.0	—
507	Hardware; plumbing and heating equipment	182.9	182.6	188.4	188.5	—	151.3	150.8	156.4	156.5	—
508	Machinery, equipment, and supplies	864.5	868.8	892.7	893.6	—	713.0	716.6	737.2	739.0	—
509	Miscellaneous wholesalers	1,347.1	1,349.9	1,380.9	1,379.1	—	1,102.1	1,106.2	1,136.4	1,134.1	—
52-59	RETAIL TRADE	13,106	13,522	13,385	13,567	14,009	11,834	12,247	12,069	12,243	12,665
53	Retail General Merchandise	2,620.1	2,885.5	2,538.6	2,642.0	—	2,415.2	2,679.4	2,340.1	2,443.6	—
531	Department stores	1,772.1	1,973.3	1,716.7	1,797.0	—	1,639.0	1,840.0	1,592.7	1,673.2	—
532	Mail order houses	146.1	148.7	122.5	132.0	—	139.7	142.0	115.6	125.2	—
533	Variety stores	316.8	350.4	315.7	323.6	—	295.4	328.6	296.5	303.6	—
54	FOOD STORES	1,975.8	2,001.0	2,016.8	2,037.3	—	1,830.1	1,856.3	1,864.8	1,883.9	—
541-3	Grocery, meat, and vegetable stores	1,792.9	1,810.6	1,828.6	1,846.8	—	1,661.9	1,679.8	1,690.7	1,707.5	—

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
—	WHOLESALE AND RETAIL TRADE—Continued										
56	APPAREL AND ACCESSORY STORES	812.0	891.8	802.6	830.7	—	714.6	792.6	700.4	726.5	—
561	Men's and boys' clothing and furnishings	140.8	161.6	140.2	146.8	—	123.2	143.9	121.9	128.1	—
562	Women's ready-to-wear stores	303.2	330.8	297.9	305.9	—	268.2	294.9	262.6	269.7	—
565	Family clothing stores	129.2	146.0	125.7	133.6	—	118.3	134.9	113.0	120.5	—
566	Shoe stores	164.2	173.7	164.0	167.2	—	138.5	147.9	137.3	140.2	—
57	FURNITURE AND HOME FURNISHINGS STORES	523.2	533.4	538.7	545.6	—	444.9	454.8	455.0	461.8	—
571	Furniture and home furnishings	319.0	322.9	323.7	325.6	—	271.6	275.4	275.6	277.3	—
58	EATING AND DRINKING PLACES	3,352.1	3,315.3	3,556.3	3,539.3	—	3,132.7	3,096.0	3,317.9	3,298.3	—
52,55,59	OTHER RETAIL TRADE	3,823.0	3,895.3	3,932.4	3,972.4	—	3,296.6	3,368.3	3,390.7	3,428.7	—
52	Building materials and farm equipment	616.5	614.7	637.4	636.9	—	527.6	525.2	546.7	546.4	—
55	Automotive dealers and service stations	1,705.2	1,702.6	1,754.9	1,758.9	—	—	—	—	—	—
551,2	Motor vehicle dealers	769.2	768.8	794.6	794.9	—	640.6	640.6	664.1	664.0	—
553,9	Other automotive and accessory dealers	318.4	318.8	331.7	332.9	—	266.0	267.0	280.0	281.3	—
554	Gasoline service stations	617.6	615.0	628.6	631.1	—	—	—	—	—	—
59	Miscellaneous retail stores	1,501.3	1,578.0	1,540.1	1,576.6	—	—	—	—	—	—
591	Drug stores and proprietary stores	477.4	493.4	477.7	482.5	—	426.1	442.0	424.8	429.1	—
594	Book and stationery stores	79.5	82.4	81.8	83.3	—	67.7	70.3	69.2	70.7	—
596	Farm and garden supply stores	130.8	131.2	140.7	139.5	—	—	—	—	—	—
598	Fuel and ice dealers	97.9	102.1	97.7	103.0	—	83.8	87.9	82.4	87.7	—
—	FINANCE, INSURANCE, AND REAL ESTATE⁴	4,235	4,243	4,355	4,368	4,385	3,230	3,235	3,325	3,334	3,346
60	Banking	1,279.0	1,283.3	1,306.7	1,311.8	—	1,008.9	1,012.8	1,030.4	1,034.4	—
61	Credit agencies other than banks	444.8	447.6	470.8	474.5	—	340.7	342.7	362.9	365.1	—
612	Savings and loan associations	172.8	174.5	190.9	192.7	—	139.2	140.4	154.1	154.9	—
614	Personal credit institutions	191.7	192.4	196.0	197.2	—	—	—	—	—	—
62	Security, commodity brokers and services	170.6	170.7	176.6	176.6	—	139.4	139.5	144.1	144.2	—
63	Insurance carriers	1,101.4	1,103.9	1,117.4	1,121.5	—	742.2	743.9	755.5	758.2	—
631	Life insurance	518.3	518.9	514.9	516.5	—	299.2	299.1	294.6	295.6	—
632	Accident and health insurance	119.4	120.0	121.9	122.2	—	99.6	99.9	99.1	99.7	—
633	Fire, marine, and casualty insurance	405.5	406.6	418.0	419.9	—	295.6	297.0	310.0	310.8	—
64	Insurance agents, brokers, and service	335.5	335.6	346.6	347.7	—	—	—	—	—	—
65	Real estate	790.7	788.6	822.5	822.2	—	—	—	—	—	—
655	Subdividers and developers	112.2	108.3	115.9	113.7	—	—	—	—	—	—
656	Operative builders	54.7	54.2	58.5	58.9	—	—	—	—	—	—
66,67	Other finance, insurance, and real estate	113.1	112.8	114.8	113.8	—	—	—	—	—	—
—	SERVICES	14,174	14,158	14,811	14,829	14,823	12,770	12,758	13,340	13,349	13,335
70	Hotels and other lodging places	942.5	932.5	1,005.8	987.5	—	—	—	—	—	—
701	Hotels, tourist courts, and motels	783.9	777.3	828.4	809.6	—	725.3	719.3	767.7	748.6	—
72	Personal services	840.1	838.6	820.7	817.0	—	—	—	—	—	—
721	Laundries and dry cleaning plants	356.0	354.5	350.7	349.6	—	319.4	317.8	314.3	313.0	—
722	Photographic studios	50.3	48.5	48.6	48.9	—	45.7	43.9	43.7	44.1	—
73	Miscellaneous business services	2,040.8	2,049.5	2,171.8	2,181.4	—	—	—	—	—	—
731	Advertising	120.8	121.6	128.4	128.8	—	—	—	—	—	—
732	Credit reporting and collection	81.5	79.6	83.1	84.0	—	—	—	—	—	—
734	Services to buildings	397.0	397.1	417.1	417.9	—	—	—	—	—	—
76	Miscellaneous repair services	216.7	215.5	222.4	223.6	—	—	—	—	—	—
78	Motion pictures	200.9	193.9	201.5	195.1	—	—	—	—	—	—
781	Motion picture filming and distributing	64.7	63.9	67.2	66.2	—	46.2	47.6	52.0	51.6	—
782,3	Motion picture theaters and services	136.2	130.0	134.3	128.9	—	—	—	—	—	—
80	Medical and other health services	4,273.2	4,290.6	4,519.4	4,547.6	—	—	—	—	—	—
806	Hospitals	2,325.4	2,328.0	2,423.0	2,434.7	—	2,127.3	2,129.6	2,210.3	2,221.0	—
81	Legal services	349.7	351.5	377.3	380.9	—	—	—	—	—	—
82	Educational services	1,307.2	1,300.1	1,339.4	1,354.9	—	—	—	—	—	—
821	Elementary and secondary schools	416.7	417.7	425.8	427.8	—	—	—	—	—	—
822	Colleges and universities	729.5	719.3	734.4	745.6	—	—	—	—	—	—
89	Miscellaneous services	878.8	881.5	917.4	923.7	—	—	—	—	—	—
891	Engineering and architectural services	403.3	404.0	417.9	421.2	—	—	—	—	—	—
892	Nonprofit research agencies	143.7	144.5	153.3	155.4	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p
—	GOVERNMENT	15,188	15,227	15,247	15,397	15,418	—	—	—	—	—
91	FEDERAL GOVERNMENT ⁵	2,742	2,771	2,711	2,720	2,755	—	—	—	—	—
	Executive	2,693.8	2,722.6	2,661.1	2,670.3	—	—	—	—	—	
	Department of Defense	947.5	945.6	918.0	920.4	—	—	—	—	—	
	Postal Service	690.9	724.0	657.9	664.9	—	—	—	—	—	
	Other agencies	1,055.4	1,053.0	1,085.2	1,085.0	—	—	—	—	—	
	Legislative	37.5	37.6	38.5	38.2	—	—	—	—	—	
	Judicial	10.6	10.7	11.5	11.9	—	—	—	—	—	
92,93	STATE AND LOCAL GOVERNMENT	12,446	12,456	12,536	12,677	12,663	—	—	—	—	
92	State government	3,325.6	3,311.7	3,400.6	3,424.5	—	—	—	—	—	
	State education	1,490.4	1,476.4	1,544.0	1,570.8	—	—	—	—	—	
	Other State government	1,835.2	1,835.3	1,856.6	1,853.7	—	—	—	—	—	
93	Local government	9,120.5	9,144.2	9,135.0	9,252.5	—	—	—	—	—	
	Local education	5,188.8	5,202.5	5,191.0	5,296.9	—	—	—	—	—	
	Other local government	3,931.7	3,941.7	3,944.0	3,955.6	—	—	—	—	—	

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

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

³ Data for nonsupervisory workers exclude messengers.

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

⁵ Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

* Not available.

p=preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

[In thousands]

Industry division and group	1975		1976										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
TOTAL	77,764	78,142	78,358	78,692	79,011	79,006	79,043	79,183	79,278	79,572	79,467	79,700	79,957
GOODS-PRODUCING	22,713	22,880	22,920	23,050	23,196	23,169	23,140	23,118	23,080	23,228	23,081	23,218	23,248
MINING	766	767	767	773	775	776	781	791	752	798	800	808	806
CONTRACT CONSTRUCTION	3,392	3,409	3,379	3,380	3,413	3,393	3,375	3,382	3,349	3,330	3,340	3,353	3,349
MANUFACTURING	18,555	18,704	18,774	18,897	19,008	19,000	18,984	18,945	18,979	19,100	18,941	19,057	19,093
DURABLE GOODS	10,709	10,810	10,857	10,956	11,016	11,062	11,059	11,034	11,083	11,146	11,018	11,134	11,181
Ordnance and accessories	163	162	161	161	160	160	158	156	157	156	155	157	155
Lumber and wood products	581	591	594	597	600	601	601	605	605	613	613	620	625
Furniture and fixtures	473	477	484	488	493	496	493	490	486	495	491	489	491
Stone, clay, and glass products	614	617	615	618	626	627	628	631	628	630	630	635	629
Primary metal industries	1,153	1,159	1,166	1,178	1,187	1,193	1,200	1,206	1,215	1,216	1,194	1,185	1,183
Fabricated metal products	1,345	1,357	1,369	1,380	1,387	1,392	1,390	1,387	1,394	1,404	1,387	1,399	1,409
Machinery, except electrical	2,024	2,035	2,039	2,047	2,056	2,068	2,069	2,084	2,090	2,115	2,078	2,108	2,115
Electrical equipment and supplies	1,773	1,782	1,797	1,818	1,830	1,837	1,837	1,815	1,843	1,848	1,849	1,862	1,871
Transportation equipment	1,679	1,714	1,710	1,739	1,742	1,747	1,743	1,728	1,737	1,737	1,695	1,753	1,769
Instruments and related products	494	497	500	505	509	512	513	512	510	512	511	514	517
Miscellaneous manufacturing	410	419	422	425	426	429	427	420	418	420	415	412	417
NONDURABLE GOODS	7,846	7,894	7,917	7,941	7,992	7,938	7,925	7,911	7,896	7,954	7,923	7,923	7,912
Food and kindred products	1,690	1,698	1,706	1,698	1,707	1,712	1,718	1,719	1,715	1,711	1,706	1,703	1,696
Tobacco manufactures	79	79	77	75	76	76	75	80	78	76	76	75	74
Textile mill products	952	958	963	966	973	977	973	970	969	971	961	959	958
Apparel and other textile products	1,299	1,311	1,309	1,319	1,322	1,321	1,320	1,299	1,292	1,281	1,273	1,275	1,263
Paper and allied products	657	664	669	671	677	679	678	680	679	681	677	680	680
Printing and publishing	1,073	1,070	1,069	1,074	1,076	1,079	1,077	1,082	1,082	1,086	1,087	1,090	1,092
Chemicals and allied products	1,018	1,024	1,029	1,030	1,036	1,034	1,029	1,037	1,040	1,035	1,032	1,035	1,041
Petroleum and coal products	201	203	204	204	205	203	202	201	202	202	202	203	203
Rubber and plastics products, nec	606	612	614	627	641	578	577	572	572	643	645	640	643
Leather and leather products	271	275	277	277	279	279	276	271	267	268	264	263	262
SERVICE-PRODUCING	55,051	55,262	55,438	55,642	55,815	55,837	55,903	56,065	56,198	56,344	56,386	56,482	56,709
TRANSPORTATION AND PUBLIC UTILITIES	4,477	4,489	4,504	4,507	4,510	4,503	4,482	4,508	4,501	4,528	4,506	4,510	4,537
WHOLESALE AND RETAIL TRADE ..	17,084	17,207	17,308	17,399	17,465	17,461	17,460	17,531	17,554	17,625	17,610	17,585	17,685
WHOLESALE TRADE	4,194	4,214	4,231	4,236	4,250	4,258	4,254	4,271	4,272	4,283	4,292	4,297	4,305
RETAIL TRADE	12,890	12,993	13,077	13,163	13,215	13,203	13,206	13,260	13,282	13,342	13,318	13,288	13,380
FINANCE, INSURANCE, AND REAL ESTATE	4,260	4,266	4,266	4,276	4,289	4,282	4,301	4,312	4,312	4,338	4,359	4,381	4,403
SERVICES	14,229	14,307	14,360	14,422	14,498	14,529	14,571	14,623	14,709	14,758	14,781	14,844	14,897
Hotels and other lodging places	991	1,000	1,007	1,006	1,014	1,018	1,006	1,024	1,024	1,030	1,031	1,041	-
Personal services	833	832	832	827	826	824	822	823	823	817	814	809	-
Medical and other health services	4,304	4,317	4,333	4,359	4,385	4,409	4,439	4,417	4,476	4,505	4,519	4,548	-
Educational services	1,238	1,240	1,243	1,254	1,262	1,255	1,248	1,248	1,252	1,266	1,283	1,273	-
GOVERNMENT	15,001	14,993	15,000	15,038	15,053	15,062	15,089	15,091	15,122	15,095	15,130	15,162	15,187
FEDERAL	2,753	2,749	2,742	2,735	2,733	2,730	2,728	2,723	2,732	2,728	2,730	2,734	2,736
STATE AND LOCAL	12,248	12,244	12,258	12,303	12,320	12,332	12,361	12,368	12,390	12,367	12,400	12,428	12,451

p = preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT**

**B-6. Production or nonsupervisory workers¹ on private nonagricultural payrolls,
by industry division and major manufacturing group, seasonally adjusted**

(In thousands)

Industry division and group	1975		1976										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
TOTAL	51,582	51,902	52,099	52,358	52,623	52,607	52,606	52,695	52,733	53,051	52,882	53,038	53,202
GOODS-PRODUCING	16,566	16,719	16,742	16,856	16,990	16,972	16,928	16,906	16,846	16,993	16,838	16,958	16,973
MINING	582	582	581	587	588	588	592	599	561	605	605	613	608
CONTRACT CONSTRUCTION	2,691	2,704	2,665	2,667	2,702	2,691	2,671	2,689	2,658	2,639	2,658	2,671	2,658
MANUFACTURING	13,293	13,433	13,496	13,602	13,700	13,693	13,665	13,618	13,627	13,749	13,575	13,674	13,707
DURABLE GOODS	7,593	7,689	7,734	7,815	7,871	7,916	7,905	7,878	7,911	7,975	7,833	7,938	7,985
Ordnance and accessories	74	73	73	73	73	73	72	71	71	70	69	69	69
Lumber and wood products	485	495	497	500	501	503	504	507	507	515	515	522	527
Furniture and fixtures	387	390	397	400	405	408	405	401	398	408	403	402	402
Stone, clay, and glass products	487	491	489	492	499	500	501	503	499	503	501	504	499
Primary metal industries	897	903	910	922	931	938	943	952	956	959	934	925	926
Fabricated metal products	1,008	1,019	1,030	1,039	1,047	1,052	1,049	1,045	1,051	1,062	1,044	1,053	1,065
Machinery, except electrical	1,305	1,312	1,318	1,323	1,329	1,342	1,336	1,347	1,350	1,370	1,329	1,360	1,370
Electrical equipment and supplies	1,158	1,168	1,180	1,198	1,210	1,218	1,218	1,199	1,222	1,224	1,224	1,234	1,239
Transportation equipment	1,183	1,214	1,211	1,234	1,239	1,241	1,236	1,219	1,228	1,230	1,186	1,243	1,256
Instruments and related products	297	301	304	306	310	312	313	314	311	312	311	312	315
Miscellaneous manufacturing	312	323	325	328	327	329	328	320	318	322	317	314	317
NONDURABLE GOODS	5,700	5,744	5,762	5,787	5,829	5,777	5,760	5,740	5,716	5,774	5,742	5,736	5,722
Food and kindred products	1,145	1,156	1,164	1,157	1,164	1,167	1,172	1,177	1,168	1,164	1,159	1,154	1,147
Tobacco manufactures	66	65	64	62	63	63	62	67	65	63	63	62	61
Textile mill products	831	836	841	844	850	855	850	847	845	848	838	835	834
Apparel and other textile products	1,122	1,132	1,128	1,137	1,140	1,139	1,138	1,115	1,109	1,100	1,091	1,094	1,083
Paper and allied products	497	503	504	508	513	516	517	516	514	515	512	515	516
Printing and publishing	629	627	627	629	630	632	630	630	629	632	632	633	634
Chemicals and allied products	577	582	587	588	591	592	587	591	595	589	588	588	590
Petroleum and coal products	130	131	132	132	134	132	130	130	130	130	131	132	132
Rubber and plastics products, nec	469	474	476	490	503	439	436	433	432	504	502	499	502
Leather and leather products	234	238	239	240	241	242	238	234	229	229	226	224	223
SERVICE-PRODUCING	35,016	35,183	35,357	35,502	35,633	35,635	35,678	35,789	35,887	36,058	36,044	36,080	36,229
TRANSPORTATION AND PUBLIC UTILITIES	3,840	3,846	3,864	3,863	3,869	3,859	3,840	3,859	3,854	3,877	3,856	3,847	3,862
WHOLESALE AND RETAIL TRADE	15,090	15,198	15,297	15,373	15,435	15,433	15,433	15,476	15,504	15,572	15,563	15,527	15,589
WHOLESALE TRADE	3,470	3,488	3,502	3,505	3,520	3,528	3,523	3,532	3,534	3,547	3,554	3,559	3,561
RETAIL TRADE	11,620	11,710	11,795	11,868	11,915	11,905	11,910	11,944	11,970	12,025	12,009	11,968	12,028
FINANCE, INSURANCE, AND REAL ESTATE	3,251	3,258	3,258	3,268	3,276	3,263	3,280	3,288	3,289	3,309	3,325	3,344	3,363
SERVICES	12,835	12,881	12,938	12,998	13,053	13,080	13,125	13,166	13,240	13,300	13,300	13,362	13,415

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

^ppreliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-7. Indexes of diffusion: Percent of industries in which employment¹ increased, 1974 to date

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1974				
January	58.7	61.6	64.8	63.1
February	55.8	55.2	56.4	59.6
March	48.0	54.7	54.7	54.9
April	54.7	52.3	51.5	50.0
May	54.7	57.0	50.3	40.1
June	54.4	50.9	44.5	28.2
July	49.1	44.2	35.8	26.7
August	42.2	36.0	32.0	22.1
September	32.6	35.5	21.8	20.6
October	35.5	26.2	15.7	18.6
November	19.8	21.8	16.0	16.6
December	19.8	12.8	13.7	14.0
1975				
January	16.9	12.5	13.7	16.3
February	16.9	14.0	12.8	17.4
March	27.3	22.7	18.9	17.2
April	44.2	34.6	29.1	20.3
May	51.2	43.6	40.7	25.6
June	39.8	47.7	59.0	40.1
July	57.3	55.5	63.4	50.3
August	72.4	75.0	66.6	61.9
September	81.4	78.8	72.4	71.5
October	64.0	70.6	78.8	75.9
November	59.6	69.2	79.4	79.1
December	69.2	75.0	77.6	81.4
1976				
January	76.7	82.0	82.8	84.6
February	74.4	84.3	83.1	82.8
March	77.9	84.9	77.0	79.4
April	77.9	81.1	77.0	73.5
May	63.4	70.6	71.5	75.6p
June	47.1	57.0	70.9	75.9p
July	52.9	47.4	55.2	
August	49.1	65.1	52.6p	
September	68.9	54.9	58.1p	
October	39.0	57.8p		
November	62.5p	53.2p		
December	63.4p			
1977				
January				
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			Contract construction			Manufacturing		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
1 ALABAMA	1,169.3	1,193.7	1,194.3	12.2	11.8	12.0	70.5	70.8	69.3	327.5	333.6	333.4
2 Birmingham	308.4	311.2	311.6	7.9	8.2	8.3	18.8	19.8	19.5	66.6	64.8	65.0
3 Huntsville	100.3	101.2	101.1	(1)	(1)	(1)	4.4	4.4	4.2	24.0	26.1	26.3
4 Mobile	124.8	127.5	127.0	(1)	(1)	(1)	9.6	9.9	9.5	26.0	27.1	26.4
5 Montgomery	87.0	87.1	87.1	(1)	(1)	(1)	5.6	5.8	5.7	13.2	13.5	13.5
6 Tuscaloosa	47.2	47.0	47.0	(1)	(1)	(1)	3.1	3.1	3.0	11.2	10.7	10.6
7 ALASKA	171.2	175.1	160.1	3.8	4.2	4.1	34.1	37.0	26.1	8.1	10.5	9.3
8 ARIZONA	738.2	755.3	760.3	23.5	24.6	24.8	42.2	41.1	41.1	96.2	101.6	101.9
9 Phoenix	439.6	448.9	453.4	.4	.4	.4	23.5	22.9	23.1	71.1	74.6	75.2
10 Tucson	143.9	147.3	148.2	7.4	7.9	8.1	9.4	9.4	9.4	10.1	12.3	12.2
11 ARKANSAS	629.1	653.6	648.3	4.1	4.1	4.0	28.4	32.5	31.5	179.1	190.2	187.1
12 Fayetteville-Springdale	50.0	51.5	51.2	(1)	(1)	(1)	2.1	2.3	2.3	14.5	15.9	15.5
13 Fort Smith	55.4	58.2	58.0	.3	.3	.3	2.2	2.5	2.4	20.0	22.2	22.1
14 Little Rock-North Little Rock	151.6	154.6	154.3	(1)	(1)	(1)	8.7	9.1	8.9	27.1	28.0	27.9
15 Pine Bluff	25.8	26.3	26.0	(1)	(1)	(1)	1.1	1.0	.9	5.5	5.6	5.6
16 CALIFORNIA	7,874.5	8,045.5	8,061.6	32.4	34.0	33.5	287.5	287.3	284.9	1,582.3	1,615.0	1,606.0
17 Anaheim-Santa Ana-Garden Grove	585.4	616.8	620.1	2.2	2.2	2.1	21.9	29.7	29.6	154.2	157.6	157.5
18 Bakersfield	104.0	105.5	105.7	7.5	7.5	7.5	3.6	4.1	4.0	9.0	8.8	8.8
19 Fresno	149.3	154.4	153.3	.8	.8	.8	6.5	6.9	6.7	21.2	21.0	21.2
20 Los Angeles-Long Beach	3,073.6	3,095.3	3,102.7	11.0	11.6	11.5	94.0	88.4	87.8	778.9	785.4	786.6
21 Modesto	69.6	75.4	71.3	.1	.1	.1	3.5	3.7	3.7	17.1	20.9	17.0
22 Oxnard-Simi Valley-Ventura	113.7	115.3	115.5	1.7	1.8	1.8	3.8	3.2	3.3	16.6	16.9	16.7
23 Riverside-San Bernardino-Ontario	336.8	341.8	343.3	2.3	2.5	2.2	12.1	12.7	12.6	50.8	52.1	52.0
24 Sacramento	317.4	326.5	327.1	.4	.4	.4	12.6	13.2	12.5	22.3	23.2	23.0
25 Salinas-Seaside-Monterey	75.9	77.9	76.8	.6	.6	.6	2.5	2.6	2.6	9.4	9.8	9.4
26 San Diego	472.5	485.8	487.3	.5	.5	.5	19.4	21.6	21.9	69.7	70.8	70.7
27 San Francisco-Oakland	1,325.1	1,337.7	1,340.1	1.6	1.6	1.6	57.3	58.6	57.9	185.5	189.6	189.1
28 San Jose	477.1	494.2	496.2	.1	.1	.1	17.8	19.0	19.0	153.5	159.8	159.0
29 Santa Barbara-Santa Maria-Lompoc	95.6	98.1	99.3	.7	.7	.7	3.1	3.2	3.2	12.7	13.2	13.6
30 Santa Rosa	65.3	69.3	68.7	.2	.2	.2	3.3	3.8	3.5	9.4	10.3	10.1
31 Stockton	101.1	105.0	102.8	.1	.1	.1	3.8	4.4	4.1	18.0	19.7	18.1
32 Vallejo-Fairfield-Napa	83.0	84.0	83.4	.1	.1	.1	3.6	3.5	3.0	8.7	9.0	8.5
33 COLORADO	964.2	990.9	988.9	19.3	20.5	20.5	57.6	58.3	56.8	137.4	142.4	140.7
34 Denver-Boulder	610.8	626.3	626.0	7.7	8.0	8.1	37.9	37.4	37.0	92.4	96.1	95.4
35 CONNECTICUT	1,220.7	1,239.4	1,240.3	(2)	(2)	(2)	42.8	41.2	40.2	383.0	397.7	397.8
36 Bridgeport	149.5	148.4	148.8	(2)	(2)	(2)	4.4	4.6	4.4	58.6	58.0	58.3
37 Hartford	338.5	337.9	339.4	(2)	(2)	(2)	11.0	11.1	10.8	84.5	83.8	83.5
38 New Britain	55.9	55.5	56.1	(2)	(2)	(2)	2.3	2.5	2.3	26.4	26.1	26.4
39 New Haven-West Haven	173.5	175.0	175.1	(2)	(2)	(2)	6.5	6.3	5.9	44.2	43.3	43.1
40 Stamford	88.6	91.8	91.7	(2)	(2)	(2)	2.9	3.1	2.9	27.5	28.8	28.9
41 Waterbury	81.4	83.1	83.0	(2)	(2)	(2)	2.6	2.6	2.5	33.3	34.5	34.4
42 DELAWARE	229.4	231.3	231.6	(1)	(1)	(1)	15.4	14.7	14.6	68.8	67.3	66.7
43 Wilmington	205.4	207.8	208.0	(1)	(1)	(1)	13.9	13.7	13.6	66.4	65.5	65.2
44 DISTRICT OF COLUMBIA ³	573.1	580.5	581.8	(1)	(1)	(1)	19.7	20.5	20.3	14.1	16.2	16.2
45 Washington SMSA	1,334.2	1,357.8	1,361.2	(1)	(1)	(1)	71.2	75.8	73.9	44.3	47.3	47.4
46 FLORIDA	2,706.6	2,688.5	2,726.3	10.9	11.2	11.3	154.5	142.1	139.5	330.9	339.1	345.6
47 Fort Lauderdale-Hollywood	230.7	226.1	230.9	(1)	(1)	(1)	17.1	14.6	14.6	24.3	25.2	25.3
48 Jacksonville	258.1	260.2	261.1	(1)	(1)	(1)	14.2	13.6	13.5	28.7	29.7	29.7
49 Miami	576.7	575.3	581.9	(1)	(1)	(1)	22.3	20.8	21.4	79.9	83.5	84.5
50 Orlando	208.3	210.0	210.8	(1)	(1)	(1)	13.5	13.3	13.3	23.1	23.5	23.5
51 Pensacola	85.6	86.1	86.6	(1)	(1)	(1)	6.7	6.9	7.1	13.9	13.6	13.5
52 Tampa-St. Petersburg	413.2	409.1	412.0	(1)	(1)	(1)	25.3	23.4	23.3	54.5	54.8	55.3
53 West Palm Beach-Boca Raton	142.4	142.2	145.5	(1)	(1)	(1)	10.7	9.9	9.9	17.8	17.9	18.0
54 GEORGIA	1,750.5	1,772.9	1,778.4	6.7	6.8	6.8	76.9	75.9	76.6	452.0	461.2	463.0
55 Atlanta	737.5	748.4	752.6	(1)	(1)	(1)	32.7	33.1	33.1	118.6	119.0	121.9
56 Augusta	104.0	107.7	108.7	(1)	(1)	(1)	5.2	5.9	6.1	32.5	33.6	33.5
57 Columbus	76.2	75.7	76.0	(1)	(1)	(1)	4.9	5.1	5.1	21.0	21.7	21.9
58 Macon	91.0	89.2	89.3	(1)	(1)	(1)	4.7	4.2	4.0	13.9	14.8	14.7
59 Savannah	72.6	74.9	75.7	(1)	(1)	(1)	4.6	4.9	4.8	14.8	15.5	15.8
60 HAWAII	337.4	339.0	341.0	(1)	(1)	(1)	26.4	22.6	22.5	22.3	22.7	22.3
61 Honolulu	284.6	284.7	286.7	(1)	(1)	(1)	22.6	18.8	18.7	15.9	16.4	16.0

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—Continued

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
1 IDAHO ⁴	278.5	299.6	300.0	3.6	3.3	3.3	17.0	19.9	19.7	50.2	53.9	53.6
2 Boise City ⁴	61.1	66.2	66.4	(1)	(1)	(1)	5.2	5.4	5.5	6.0	6.4	6.4
3 ILLINOIS	4,430.7	4,454.6	4,476.5	26.1	27.2	27.1	174.1	180.2	174.6	1,176.5	1,177.6	1,188.7
4 Bloomington--Normal	47.7	47.0	47.1	(2)	(2)	(2)	1.9	1.8	1.7	7.2	6.8	6.8
5 Champaign--Urbana--Rantoul	68.1	74.1	73.8	(2)	(2)	(2)	2.5	3.1	2.9	6.5	6.6	6.5
6 Chicago--Gary ⁵	3,216.2	3,254.6	(*)	4.3	4.3	(*)	117.0	131.3	(*)	893.5	906.9	(*)
7 Chicago SMSA ⁶	2,984.4	3,014.9	3,029.9	4.2	4.1	4.0	104.7	111.9	110.6	799.0	807.0	811.1
8 Davenport--Rock Island--Moline	149.4	146.9	154.3	(2)	(2)	(2)	6.5	6.3	6.1	45.7	41.7	48.7
9 Decatur	52.7	53.9	53.9	(2)	(2)	(2)	3.0	3.7	3.2	18.9	19.2	19.3
10 Peoria	144.9	145.4	145.4	(2)	(2)	(2)	9.0	9.7	9.3	51.7	50.4	50.0
11 Rockford	111.6	114.3	115.5	(2)	(2)	(2)	4.1	4.4	4.3	48.5	50.5	51.2
12 Springfield	78.5	78.5	78.2	(2)	(2)	(2)	3.4	3.7	3.6	9.0	8.6	8.1
13 INDIANA	1,956.7	2,003.7	2,006.3	7.6	8.2	7.9	85.0	86.5	85.2	652.0	679.6	679.6
14 Evansville	106.6	107.0	107.1	2.2	2.3	2.3	5.0	5.3	5.1	34.0	33.8	34.2
15 Fort Wayne	148.8	155.2	156.5	(1)	(1)	(1)	6.0	6.7	6.6	50.4	55.5	56.1
16 Gary--Hammond--East Chicago ⁶	231.8	236.1	234.9	(1)	(1)	(1)	12.3	14.2	13.5	94.5	98.1	97.4
17 Indianapolis	450.3	447.1	449.7	(1)	(1)	(1)	15.2	14.1	13.8	119.6	117.4	119.5
18 Muncie	46.1	45.8	46.0	(1)	(1)	(1)	1.4	1.6	1.6	14.6	13.4	13.5
19 South Bend	100.2	101.7	101.7	(1)	(1)	(1)	3.6	3.7	3.7	29.9	31.2	31.0
20 Terre Haute	59.0	58.7	58.3	1.0	1.1	1.1	2.2	2.2	2.1	16.3	16.0	15.8
21 IOWA	1,011.5	1,014.5	1,029.9	2.8	2.8	2.8	48.7	50.8	48.9	229.8	219.0	234.8
22 Cedar Rapids	74.4	75.4	76.1	(1)	(1)	(1)	3.3	2.9	2.7	26.8	28.0	27.9
23 Des Moines	156.3	157.0	156.7	(1)	(1)	(1)	7.1	7.3	6.9	24.3	22.3	22.2
24 Dubuque	39.8	35.4	40.4	(1)	(1)	(1)	1.4	1.2	1.1	15.4	11.2	16.2
25 Sioux City	50.5	50.7	50.7	(1)	(1)	(1)	3.0	3.8	3.9	12.7	12.3	12.1
26 Waterloo--Cedar Falls	57.8	50.4	57.9	(1)	(1)	(1)	2.5	2.2	2.2	20.3	12.3	19.7
27 KANSAS	815.0	838.7	840.8	10.7	10.8	10.9	41.6	43.3	43.1	161.2	164.6	164.7
28 Topeka	75.2	76.6	76.7	.1	.1	.1	2.6	3.1	3.2	10.0	10.2	10.2
29 Wichita	168.3	173.7	174.1	2.1	2.2	2.2	7.9	9.2	9.1	52.3	53.3	53.5
30 KENTUCKY	1,055.8	1,075.6	1,081.7	44.6	45.9	44.4	49.2	57.2	56.6	256.3	258.9	263.1
31 Lexington--Fayette	120.7	127.2	125.9	(1)	(1)	(1)	5.9	5.6	5.4	28.2	30.1	29.8
32 Louisville	352.6	345.1	351.3	(1)	(1)	(1)	14.8	15.3	14.7	106.3	99.1	104.2
33 LOUISIANA	1,211.7	1,214.7	1,216.5	55.5	55.1	55.1	90.7	91.3	90.9	184.3	184.7	185.3
34 Baton Rouge	158.3	158.0	157.9	.9	.9	.9	16.8	18.6	18.4	21.7	22.2	22.3
35 Lake Charles	47.9	49.9	50.6	1.3	1.3	1.3	5.0	5.6	5.8	10.3	11.1	11.3
36 Monroe	43.0	42.9	42.7	.3	.3	.3	3.9	3.7	3.7	6.7	6.9	6.9
37 New Orleans	423.4	428.7	429.4	15.7	16.7	16.7	26.6	26.7	26.7	49.7	50.5	50.2
38 Shreveport	126.1	127.7	127.8	4.4	4.4	4.4	8.1	8.4	8.5	25.2	25.8	26.0
39 MAINE	358.7	373.5	369.4	(1)	(1)	(1)	18.8	20.1	19.6	97.8	103.5	102.6
40 Lewiston--Auburn	29.9	30.9	30.7	(1)	(1)	(1)	1.0	1.2	1.1	11.1	11.8	11.7
41 Portland	76.1	77.7	77.8	(1)	(1)	(1)	3.0	3.6	3.6	15.5	15.8	15.8
42 MARYLAND ⁷	1,445.0	1,465.7	1,470.0	1.7	1.7	1.7	95.0	97.5	95.6	228.7	235.2	231.8
43 Baltimore	856.0	861.9	864.3	.3	.3	.3	46.4	46.3	45.1	160.8	163.7	161.7
44 MASSACHUSETTS	2,301.8	2,313.6	2,320.8	(1)	(1)	(1)	76.1	69.6	68.3	581.8	592.7	593.9
45 Boston	1,275.4	1,264.0	1,269.3	(1)	(1)	(1)	46.9	40.5	39.5	252.7	258.5	258.7
46 Brockton	50.5	51.8	51.9	-	-	-	1.5	1.5	1.4	11.6	11.7	11.8
47 Fall River	50.2	49.9	49.4	(1)	(1)	(1)	(1)	(1)	(1)	20.5	19.8	19.3
48 Lawrence--Haverhill	94.5	93.2	93.4	(1)	(1)	(1)	2.3	2.1	2.1	37.6	35.2	35.2
49 Lowell	59.8	61.2	61.0	(1)	(1)	(1)	1.8	1.7	1.6	19.9	20.9	20.7
50 New Bedford	58.2	58.8	58.2	(1)	(1)	(1)	1.2	1.1	1.0	23.8	24.3	24.1
51 Springfield--Chicopee--Holyoke	213.2	214.4	215.2	(1)	(1)	(1)	6.3	6.2	6.2	62.3	63.4	63.7
52 Worcester	146.1	145.5	145.8	(1)	(1)	(1)	4.3	4.5	4.3	41.4	42.5	42.6
53 MICHIGAN	3,194.6	3,240.0	3,285.1	13.6	12.8	12.8	97.6	93.2	91.1	1,013.3	1,053.3	1,082.1
54 Ann Arbor	116.1	117.1	123.2	(1)	(1)	(1)	2.0	2.1	2.0	34.1	33.5	38.7
55 Battle Creek	61.9	64.6	64.5	(1)	(1)	(1)	1.2	1.8	1.7	22.5	23.5	23.2
56 Bay City	32.8	33.5	33.5	(1)	(1)	(1)	1.3	1.6	1.6	9.7	10.0	10.0
57 Detroit	1,606.1	1,624.0	1,651.5	1.1	1.1	1.1	45.7	44.3	43.0	534.3	553.8	573.2
58 Flint	176.0	186.4	188.2	(1)	(1)	(1)	4.6	5.1	5.1	71.7	79.2	80.2
59 Grand Rapids	213.6	221.0	222.3	(1)	(1)	(1)	8.9	9.0	8.4	67.6	72.5	73.4
60 Jackson	48.7	50.0	49.9	(1)	(1)	(1)	1.4	1.8	1.6	15.2	15.2	15.1
61 Kalamazoo--Portage	98.7	100.3	100.8	(1)	(1)	(1)	4.3	4.1	3.9	32.3	32.5	33.1
62 Lansing--East Lansing	165.9	171.3	172.6	(1)	(1)	(1)	5.4	5.9	5.4	36.9	40.7	42.0
63 Muskegon--Norton Shores--Musk. Hgts.	57.4	59.9	59.7	(1)	(1)	(1)	2.0	2.1	2.0	21.8	23.0	22.9

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

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

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
MICHIGAN—Continued												
1 Saginaw	81.2	84.5	84.9	(1)	(1)	(1)	2.4	2.6	2.5	31.0	33.0	33.4
MINNESOTA	1,503.1	1,532.6	1,536.5	13.5	15.1	14.9	69.3	72.1	68.3	310.3	320.1	320.7
3 Duluth—Superior	57.2	57.5	57.1	(1)	(1)	(1)	2.6	2.6	2.3	7.5	7.2	7.2
4 Minneapolis—St. Paul	912.7	919.4	925.2	(1)	(1)	(1)	38.5	38.1	37.5	199.4	201.8	203.6
MISSISSIPPI	682.8	690.7	690.8	6.3	6.5	6.4	36.1	38.1	37.2	206.7	207.9	207.6
6 Jackson	116.8	118.2	118.1	.8	.9	.9	5.9	5.6	5.5	17.1	17.3	17.2
MISSOURI	1,742.7	1,765.4	1,772.0	8.4	8.3	8.3	69.5	72.0	69.3	408.4	416.2	422.1
8 Kansas City	545.9	550.3	555.3	.6	.6	.6	24.8	24.7	24.1	108.0	109.1	112.7
9 St. Joseph	35.1	36.4	35.9	(2)	(2)	(2)	1.6	2.4	2.2	9.0	9.8	9.3
10 St. Louis	912.0	910.2	912.5	2.6	2.6	2.6	39.4	39.0	37.4	240.5	244.7	247.9
11 Springfield	70.6	73.0	73.2	.2	.1	.1	2.5	3.0	2.9	17.0	16.9	16.9
MONTANA	244.7	246.8	247.7	6.2	6.0	5.8	13.3	12.1	12.1	22.4	23.6	23.3
13 Billings	40.7	42.1	42.2	(1)	(1)	(1)	2.1	2.3	2.3	3.7	4.2	4.0
14 Great Falls	27.6	29.0	29.1	(1)	(1)	(1)	1.6	1.7	1.7	1.8	1.7	1.7
NEBRASKA	560.3	572.8	572.8	1.5	1.5	1.6	29.3	27.9	27.0	84.9	91.0	90.7
16 Lincoln	89.5	92.2	92.1	-	-	-	5.1	4.3	4.2	12.9	13.9	13.9
17 Omaha	234.6	238.9	238.9	(2)	(2)	(2)	12.1	11.6	11.3	32.8	34.8	35.1
NEVADA	270.5	285.0	283.2	4.3	3.6	3.7	12.5	14.9	14.6	12.6	12.9	12.9
19 Las Vegas	146.5	154.7	154.2	.2	.3	.3	6.5	7.7	7.7	5.2	5.4	5.4
20 Reno	77.4	81.6	80.8	.4	.4	.4	4.3	5.3	5.1	5.0	5.2	5.2
NEW HAMPSHIRE	297.4	316.5	313.1	.4	.5	.5	13.9	15.6	15.0	87.4	92.9	92.9
22 Manchester	57.2	58.9	58.9	(1)	(1)	(1)	2.1	2.3	2.0	16.3	17.2	17.2
23 Nashua	43.9	45.7	45.4	(1)	(1)	(1)	1.2	1.5	1.4	19.9	20.9	20.7
NEW JERSEY	2,680.8	2,674.1	2,695.4	2.8	2.9	2.9	93.6	88.0	86.3	735.5	731.4	734.4
24 Atlantic City	61.2	61.0	59.6	-	-	-	2.4	2.8	2.6	7.7	7.6	7.4
25 Camden	285.1	281.6	284.3	.1	.1	.1	12.3	13.1	12.8	64.0	63.3	63.2
26 Hackensack ⁸	341.8	337.2	342.2	(1)	(1)	(1)	13.1	10.4	10.6	100.8	97.9	99.3
27 Jersey City ⁹	234.0	230.1	231.3	-	-	-	4.1	4.1	4.2	76.2	72.4	72.3
28 Long Branch—Asbury Park	135.7	140.9	139.8	(1)	(1)	(1)	4.2	4.2	4.4	22.4	23.1	22.5
29 New Burns—Perth Amboy—Sayreville	239.4	237.1	239.1	(1)	(1)	(1)	8.9	9.2	9.2	79.4	76.9	77.3
30 Newark ⁹	850.8	841.5	848.5	.8	.8	.8	31.6	27.7	28.4	230.1	233.8	233.5
31 Paterson—Clifton—Passaic ⁹	176.2	176.7	176.5	(1)	(1)	(1)	5.1	5.6	5.1	64.6	63.6	63.0
32 Trenton	150.5	156.1	156.6	(1)	(1)	(1)	2.8	3.4	3.4	36.9	37.9	37.9
33 Vineland—Millville—Bridgeton	49.9	51.1	51.3	(1)	(1)	(1)	1.5	1.4	1.3	17.9	18.7	18.7
NEW MEXICO	370.4	390.0	389.9	20.4	21.6	21.6	24.3	26.0	25.6	27.7	30.3	30.1
35 Albuquerque	146.2	157.9	157.5	(1)	(1)	(1)	9.1	10.3	10.0	14.9	16.1	15.9
NEW YORK	6,766.8	6,721.6	6,733.7	7.6	7.8	7.6	199.0	208.7	202.0	1,408.7	1,429.9	1,427.8
37 Albany—Schenectady—Troy	306.0	302.6	303.8	(1)	(1)	(1)	11.4	10.2	9.8	60.0	60.9	61.5
38 Binghamton	107.8	111.2	111.8	(1)	(1)	(1)	4.7	4.6	4.3	37.8	39.4	39.8
39 Buffalo	483.3	488.7	490.0	(1)	(1)	(1)	15.9	16.9	15.4	139.2	143.4	143.7
40 Elmira	37.2	37.3	37.3	(1)	(1)	(1)	1.4	1.5	1.3	12.1	12.7	12.5
41 Monroe County ¹⁰	317.2	322.9	324.8	(1)	(1)	(1)	9.2	10.7	9.7	123.5	127.0	127.8
42 Nassau—Suffolk ¹¹	787.0	796.6	800.5	(1)	(1)	(1)	30.3	27.8	27.5	138.6	136.7	138.0
43 New York—Northwestern New Jersey	6,257.2	6,186.3	(*)	2.3	2.4	(*)	182.5	171.8	(*)	1,299.4	1,294.1	(*)
44 New York and Nassau—Suffolk ⁹	4,415.2	4,363.3	4,379.4	1.9	2.0	2.0	119.8	114.6	113.0	748.3	748.1	746.6
45 New York SMSA ¹¹	3,628.2	3,566.7	3,578.9	1.8	1.9	1.9	89.5	86.8	85.6	609.7	611.4	608.6
46 New York City ¹²	3,235.9	3,171.9	3,183.6	1.5	1.6	1.6	73.7	71.9	71.0	531.7	531.0	528.5
47 Poughkeepsie	87.9	86.3	86.7	(1)	(1)	(1)	3.1	2.9	2.8	27.6	27.0	27.1
48 Rochester	388.1	396.8	397.5	(1)	(1)	(1)	11.3	12.5	11.2	142.6	147.8	148.2
49 Rockland County ¹²	72.7	73.0	73.3	(1)	(1)	(1)	2.0	1.9	1.8	13.5	14.1	14.2
50 Syracuse	237.9	245.3	245.4	(1)	(1)	(1)	10.5	12.8	11.9	53.0	55.7	55.6
51 Utica—Rome	108.5	110.4	109.3	(1)	(1)	(1)	3.0	3.0	2.8	30.4	30.4	30.3
52 Westchester County ²	309.5	311.3	311.5	(1)	(1)	(1)	12.9	12.2	12.0	63.5	65.2	64.9
NORTH CAROLINA	1,974.7	1,991.9	1,999.0	4.0	4.3	4.2	99.6	98.2	97.2	729.3	738.7	739.5
54 Asheville	58.9	61.2	61.4	(1)	(1)	(1)	2.9	3.2	3.2	18.7	19.2	19.2
55 Charlotte—Gastonia	271.4	273.2	274.1	(1)	(1)	(1)	15.5	14.4	14.2	79.4	81.0	81.3
56 Greensboro—Winston-Salem—High Pt.	331.6	335.3	337.2	(1)	(1)	(1)	14.0	14.1	13.8	133.8	136.0	136.4
57 Raleigh—Durham	212.4	214.4	216.4	(1)	(1)	(1)	10.4	10.1	10.1	34.5	35.5	35.9

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)

State and area	Total			Mining			Contract construction			Manufacturing		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
1 UTAH	449.8	479.9	481.0	12.8	14.6	14.5	24.7	30.5	29.4	68.2	72.3	72.5
2 Salt Lake City—Ogden	324.3	342.0	344.5	6.1	6.6	6.7	16.5	21.3	21.0	46.6	49.8	49.7
3 VERMONT	160.4	166.6	164.2	.7	.7	.7	7.2	8.2	7.4	39.9	40.7	40.6
4 Burlington ¹⁷	42.5	44.3	44.2	-	-	-	-	-	-	9.4	9.9	10.0
5 Springfield ¹⁷	12.5	12.0	11.9	-	-	-	-	-	-	5.7	5.1	5.1
6 VIRGINIA	1,774.5	1,805.5	1,809.7	20.4	20.5	20.6	103.3	105.9	105.6	374.8	381.1	383.4
7 Bristol	23.1	24.1	24.3	(1)	(1)	(1)	.9	1.0	1.0	8.1	8.4	8.4
8 Lynchburg	59.0	60.9	61.4	(1)	(1)	(1)	3.0	3.2	3.2	25.0	26.0	26.1
9 Newport News—Hampton	127.6	131.1	130.3	(1)	(1)	(1)	6.2	6.0	5.8	31.2	32.0	32.0
10 Norfolk—Virginia Beach—Portsmouth	241.8	246.5	246.4	(1)	(1)	(1)	15.3	14.9	14.8	24.7	25.5	25.5
11 Northern Virginia ¹⁸	342.1	348.9	349.1	.3	.3	.3	21.7	23.5	22.3	11.0	11.5	11.6
12 Richmond	273.4	275.2	275.3	.4	.4	.4	15.1	14.4	14.3	50.1	50.9	50.5
13 Roanoke	94.7	94.6	94.9	.2	.2	.2	5.8	5.6	5.4	21.2	21.1	21.0
14 WASHINGTON	1,219.5	1,261.1	1,262.6	1.9	2.0	1.9	55.0	59.2	57.1	240.3	250.7	249.2
15 Seattle—Everett	570.3	589.8	592.3	(1)	(1)	(1)	23.6	27.0	26.1	119.1	119.5	119.3
16 Spokane	103.8	108.2	107.2	(1)	(1)	(1)	5.5	6.0	5.6	13.0	14.9	14.8
17 Tacoma	117.3	120.7	120.7	(1)	(1)	(1)	4.4	6.0	5.6	20.8	19.2	19.1
18 WEST VIRGINIA	564.4	575.6	575.2	62.8	63.9	64.0	26.5	28.8	28.5	119.0	123.5	122.2
19 Charleston	101.2	102.2	(*)	6.0	6.1	(*)	6.1	5.9	(*)	18.3	19.5	(*)
20 Huntington—Ashland	93.2	95.0	(*)	.7	.7	(*)	4.3	4.2	(*)	27.6	28.5	(*)
21 Parkersburg—Marietta	49.8	50.6	(*)	.4	.4	(*)	2.5	2.5	(*)	15.6	15.9	(*)
22 Wheeling	61.7	61.6	(*)	6.8	7.0	(*)	2.0	2.0	(*)	13.9	13.7	(*)
23 WISCONSIN	1,698.3	1,735.2	1,724.4	2.7	2.6	2.6	59.0	62.1	60.4	501.9	513.3	503.4
24 Appleton—Oshkosh	108.3	109.8	109.6	(1)	(1)	(1)	4.5	4.8	4.7	41.2	41.3	40.3
25 Green Bay	67.2	70.1	69.7	(1)	(1)	(1)	3.1	3.5	3.7	19.2	20.3	19.9
26 Kenosha	43.6	42.0	35.7	(1)	(1)	(1)	1.0	.8	.9	19.8	18.1	11.7
27 La Crosse	34.8	36.6	36.5	(1)	(1)	(1)	1.2	1.2	1.2	8.3	8.8	8.7
28 Madison	143.0	146.3	148.0	(1)	(1)	(1)	6.1	5.9	5.7	15.5	16.5	16.5
29 Milwaukee	600.8	603.9	605.1	(1)	(1)	(1)	18.3	19.2	18.9	195.8	197.7	197.8
30 Racine	62.6	63.2	63.3	(1)	(1)	(1)	1.7	1.7	1.7	26.9	26.7	26.7
31 WYOMING	148.7	163.1	161.6	18.9	21.7	22.1	15.0	16.4	15.6	8.6	9.1	8.7
32 Casper	25.3	28.0	27.9	4.6	5.1	5.3	1.8	2.1	2.0	1.5	1.6	1.5
33 Cheyenne	23.9	24.1	23.9	(1)	(1)	(1)	1.9	1.8	1.8	1.6	1.8	1.8

1 Combined with services.
 2 Combined with construction.
 3 Federal employment in the Maryland and Virginia sectors of the Washington SMSA is no longer included in data for the District of Columbia.
 4 Based on 1972 Standard Industrial Classification.
 5 Revised to 1975 benchmark; not strictly comparable with previously published data.
 6 Area included in Chicago—Gary Standard Consolidated Statistical Area.
 7 Data do not include federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.
 8 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
 9 Subarea of New York—Northeastern New Jersey.
 10 Subarea of Rochester Standard Metropolitan Statistical Area.
 11 Area included in New York and Nassau—Suffolk combined SMSA's.
 12 Subarea of New York Standard Metropolitan Statistical Area.
 13 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
 14 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area:

Philadelphia County.
 15 Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
 16 Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
 17 Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.
 18 Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, 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			
NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	
27.0	28.8	29.0	108.5	114.6	116.0	20.1	21.7	21.7	77.2	83.7	83.3	111.2	113.8	114.6	1
22.3	22.8	22.8	81.4	83.9	85.8	17.2	17.1	17.3	51.3	55.7	55.9	82.9	84.8	85.5	2
8.0	7.7	7.7	33.8	35.2	35.3	6.5	6.7	6.7	33.3	36.0	34.2	31.1	31.5	31.7	3
2.0	2.0	2.0	9.1	9.6	9.7	-	-	-	8.7	9.5	9.2	-	-	-	4
.8	.7	.7	1.9	1.9	1.9	-	-	-	1.9	2.0	1.9	-	-	-	5
102.0	101.8	102.2	365.6	370.5	372.4	86.7	88.5	88.8	295.0	303.6	301.2	426.7	433.6	435.5	6
.9	.9	.9	5.0	5.0	5.1	1.1	1.2	1.2	3.0	3.3	3.3	4.1	4.3	4.4	7
2.5	2.6	2.6	9.9	10.0	10.2	2.7	2.8	2.8	8.2	8.2	8.2	7.7	8.1	8.3	8
4.3	4.1	4.2	23.1	24.0	24.1	4.1	4.1	4.0	22.3	23.9	23.1	36.4	37.0	37.1	9
16.5	16.4	16.3	57.9	60.3	60.4	12.5	12.5	12.5	41.1	41.7	41.4	73.8	75.2	75.5	10
24.5	24.8	24.9	80.8	82.8	84.4	21.3	22.9	22.8	75.4	77.1	76.9	107.1	106.0	105.9	11
17.0	16.7	16.7	63.2	63.2	64.3	22.6	22.7	22.9	45.2	46.7	45.8	59.8	60.2	60.4	12
10.1	9.9	9.9	21.9	21.8	22.2	5.5	5.6	5.6	16.5	16.6	16.6	13.5	13.8	14.0	13
71.1	74.2	73.9	290.2	298.4	299.6	66.7	68.7	68.7	221.5	232.2	231.4	272.8	275.7	280.8	14
39.2	41.6	41.3	138.0	144.5	146.1	39.9	41.7	41.7	105.3	110.4	110.2	105.2	105.1	107.6	15
7.3	7.4	7.4	28.5	29.3	29.2	6.3	6.3	6.3	23.3	24.6	24.3	19.9	19.7	19.6	16
5.5	5.8	5.6	28.2	30.2	30.7	5.5	5.7	5.6	23.5	24.9	25.1	29.4	28.9	29.0	17
38.9	38.5	38.6	110.7	109.7	110.9	18.2	18.7	18.7	80.2	83.3	82.7	108.1	109.4	109.6	18
8.9	8.7	(*)	22.9	22.6	(*)	4.2	4.2	(*)	16.3	16.7	(*)	18.6	18.4	(*)	19
9.1	9.2	(*)	19.1	19.1	(*)	3.4	3.3	(*)	12.7	13.3	(*)	16.4	16.8	(*)	20
2.3	2.2	(*)	11.1	11.1	(*)	1.6	1.6	(*)	7.6	7.7	(*)	8.8	9.2	(*)	21
3.6	3.5	(*)	13.6	13.5	(*)	2.4	2.4	(*)	11.6	12.0	(*)	7.8	7.6	(*)	22
83.4	84.4	84.2	387.2	393.2	396.3	73.7	76.6	76.6	295.9	309.7	307.1	294.6	293.3	293.8	23
4.1	4.1	4.1	23.1	23.3	23.2	4.1	4.3	4.3	16.2	17.2	17.0	15.1	14.9	16.1	24
4.7	4.6	4.6	16.6	17.0	16.8	2.0	2.2	2.1	12.2	12.8	12.9	9.6	9.7	9.7	25
1.4	1.5	1.4	7.7	7.9	7.9	.8	.9	.9	7.0	6.9	7.0	5.9	5.9	5.9	26
1.9	2.1	2.1	9.4	10.0	10.1	.9	1.0	1.0	7.2	7.6	7.6	5.9	5.9	5.9	27
5.3	5.2	5.2	31.1	31.5	32.4	9.2	9.7	9.7	23.7	25.5	25.3	52.0	52.1	53.3	28
29.8	29.9	29.9	132.4	130.7	131.6	32.4	33.3	33.5	114.3	116.8	116.5	77.8	76.3	76.9	29
2.3	2.4	2.3	11.8	12.2	12.4	1.6	1.6	1.7	9.5	10.0	9.9	8.6	8.6	8.6	30
12.6	13.3	13.2	30.9	33.6	33.5	4.8	5.4	5.5	20.6	23.6	23.1	37.3	40.0	39.9	31
1.8	2.0	2.0	6.6	7.6	7.3	1.0	1.1	1.1	4.0	4.2	4.5	4.0	4.3	4.2	32
3.3	3.1	3.1	5.0	5.2	5.2	1.3	1.4	1.4	3.9	4.2	4.0	6.9	6.6	6.6	33

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers ¹ on private nonagricultural payrolls, by industry

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. P 1976	Dec. P 1976	Nov. 1975	Dec. 1975	Oct. 1976	Nov. P 1976	Dec. P 1976
-	TOTAL PRIVATE	\$169.42	\$170.82	\$180.28	\$180.50	\$182.36	\$4.68	\$4.68	\$4.98	\$5.00	\$5.01
-	MINING	262.73	264.69	287.33	287.76	291.04	6.11	6.17	6.56	6.60	6.66
10	METAL MINING	262.63	265.15	288.56	283.39	-	6.39	6.42	6.92	6.98	-
101	Iron ores	279.39	284.60	314.07	313.72	-	6.70	6.76	7.22	7.33	-
102	Copper ores	262.42	264.27	286.16	276.10	-	6.61	6.64	7.19	7.19	-
11,12	COAL MINING	303.28	306.03	325.99	332.86	-	7.47	7.67	7.99	8.04	-
12	Bituminous coal and lignite mining	304.50	307.23	326.82	334.10	-	7.50	7.70	8.03	8.07	-
13	OIL AND GAS EXTRACTION	246.70	250.25	272.12	271.40	-	5.47	5.50	5.89	5.90	-
131,2	Crude petroleum and natural gas fields	256.88	258.13	280.14	278.28	-	6.25	6.25	6.67	6.61	-
138	Oil and gas field services	241.23	246.13	268.47	268.64	-	5.10	5.16	5.57	5.62	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	222.94	219.60	251.87	244.31	-	5.09	5.06	5.56	5.54	-
142	Crushed and broken stone	214.46	207.10	247.48	237.19	-	4.93	4.85	5.38	5.33	-
-	CONTRACT CONSTRUCTION	270.44	275.62	299.87	289.25	291.09	7.45	7.51	7.85	7.86	7.91
15	GENERAL BUILDING CONTRACTORS	262.06	266.43	283.79	277.56	-	7.32	7.36	7.67	7.71	-
16	HEAVY CONSTRUCTION CONTRACTORS	262.48	261.97	307.86	282.96	-	6.80	6.70	7.33	7.20	-
161	Highway and street construction	247.27	238.16	308.73	273.83	-	6.49	6.17	7.13	6.95	-
162	Heavy construction, nec	274.56	278.48	307.16	290.82	-	7.04	7.05	7.51	7.40	-
17	SPECIAL TRADE CONTRACTORS	279.53	285.91	306.61	298.29	-	7.83	7.92	8.22	8.24	-
171	Plumbing, heating, air conditioning	295.83	303.62	318.27	316.47	-	7.91	7.99	8.31	8.35	-
172	Painting, paper hanging, decorating	249.15	252.89	279.78	269.70	-	7.18	7.33	7.75	7.75	-
173	Electrical work	319.50	324.05	348.56	346.56	-	8.52	8.55	9.03	9.12	-
174	Masonry, stonework, and plastering	254.65	259.07	275.99	265.04	-	7.74	7.78	8.07	8.13	-
176	Roofing and sheetmetal work	223.92	220.58	263.44	245.59	-	7.20	7.07	7.57	7.58	-
-	MANUFACTURING	197.69	204.00	211.20	215.20	220.19	4.93	5.00	5.28	5.34	5.41
19,24,25, 32-39	DURABLE GOODS	213.72	222.73	228.17	232.31	239.29	5.29	5.38	5.62	5.68	5.78
20-23,26-31	NONDURABLE GOODS	176.67	179.20	188.16	190.70	193.25	4.45	4.48	4.80	4.84	4.88
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	226.85	232.13	239.13	245.18	255.60	5.44	5.54	5.89	5.98	6.00
192	Ammunition, except for small arms	229.75	233.50	241.80	251.13	(*)	5.59	5.64	6.03	6.14	(*)
1925	Complete guided missiles	258.13	257.72	267.59	279.86	-	6.25	6.21	6.64	6.76	-
1929	Ammunition, exc. for small arms, nec	187.32	191.17	195.62	199.60	-	4.58	4.64	4.94	4.99	-
24	LUMBER AND WOOD PRODUCTS	172.87	178.09	197.72	194.31	198.21	4.41	4.43	4.87	4.87	4.87
242	Sawmills and planing mills	168.95	175.39	196.65	191.83	199.26	4.31	4.32	4.75	4.76	4.79
2421	Sawmills and planing mills, general	175.56	182.29	206.26	200.79	-	4.49	4.49	4.97	4.97	-
243	Millwork, plywood and related products	181.03	184.40	201.50	199.90	(*)	4.56	4.61	5.00	5.01	(*)
2431	Millwork	176.51	181.76	189.60	188.64	-	4.48	4.59	4.80	4.80	-
2432	Veneer and plywood	186.93	188.85	218.24	216.65	-	4.65	4.64	5.31	5.31	-
244	Wooden containers	130.99	134.50	141.64	140.09	140.48	3.42	3.44	3.66	3.62	3.63
2441,2	Wooden boxes, shooks, and crates	126.06	129.15	139.52	137.67	-	3.30	3.32	3.53	3.53	-
249	Miscellaneous wood products	154.16	157.32	159.20	159.17	(*)	3.76	3.80	4.01	4.05	(*)
25	FURNITURE AND FIXTURES	150.13	154.39	157.53	157.92	162.70	3.82	3.85	4.06	4.07	4.14
251	Household furniture	142.66	147.13	147.07	147.46	(*)	3.63	3.66	3.83	3.84	(*)
2511	Wood household furniture	134.24	137.83	141.48	141.90	-	3.39	3.42	3.60	3.62	-
2512	Upholstered household furniture	153.27	160.75	152.15	153.30	-	3.89	3.94	4.09	4.11	-
2515	Mattresses and bedsprings	158.04	160.44	164.93	160.08	-	4.17	4.20	4.41	4.41	-
252	Office furniture	170.80	175.87	196.30	194.94	-	4.27	4.30	4.73	4.72	-
254	Partitions and fixtures	180.78	183.68	195.91	195.13	-	4.60	4.65	4.91	4.94	-
253,9	Other furniture and fixtures	164.82	169.78	170.50	176.57	(*)	4.27	4.32	4.44	4.47	(*)
32	STONE, CLAY, AND GLASS PRODUCTS	207.46	208.98	226.97	225.63	226.32	5.06	5.06	5.43	5.45	5.48
321	Flat glass	264.50	289.49	284.13	283.92	-	6.42	6.52	6.83	6.76	-
322	Glass and glassware, pressed or blown	208.68	212.08	223.71	227.11	227.66	5.14	5.16	5.51	5.58	5.58
3221	Glass containers	216.19	220.81	232.23	233.21	-	5.26	5.27	5.72	5.73	-
3229	Pressed and blown glass, nec	197.90	199.20	210.60	217.21	-	4.96	4.98	5.20	5.35	-
324	Cement, hydraulic	283.03	277.03	311.08	315.33	310.34	6.82	6.79	7.46	7.49	7.46
325	Structural clay products	166.86	167.68	179.31	180.89	(*)	4.05	4.06	4.30	4.38	(*)
3251	Brick and structural clay tile	152.31	153.92	166.24	163.51	-	3.67	3.70	3.93	3.94	-
326	Pottery and related products	171.78	171.30	181.96	186.99	-	4.36	4.37	4.63	4.71	-
327	Concrete, gypsum, and plaster products	212.94	211.68	240.13	230.78	225.72	5.07	5.04	5.47	5.43	5.40
328,9	Other stone and nonmetallic mineral products	199.98	205.26	216.12	217.87	(*)	4.95	4.97	5.31	5.34	(*)
3291	Abrasive products	192.66	203.52	211.20	215.46	-	4.94	5.05	5.28	5.32	-

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**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
—	TOTAL PRIVATE	36.2	36.5	36.2	36.1	36.4	—	—	—	—	—
—	MINING	43.0	42.9	43.8	43.6	43.7	—	—	—	—	—
10	METAL MINING	41.1	41.3	41.7	40.6	—	—	—	—	—	—
101	Iron ores	41.7	42.1	43.5	42.8	—	—	—	—	—	—
102	Copper ores	39.7	39.8	39.8	38.4	—	—	—	—	—	—
11,12	COAL MINING	40.6	39.9	40.8	41.4	—	—	—	—	—	—
12	Bituminous coal and lignite mining	40.6	39.9	40.7	41.4	—	—	—	—	—	—
13	OIL AND GAS EXTRACTION	45.1	45.5	46.2	46.0	—	—	—	—	—	—
131,2	Crude petroleum and natural gas fields	41.1	41.3	42.0	42.1	—	—	—	—	—	—
138	Oil and gas field services	47.3	47.7	48.2	47.8	—	—	—	—	—	—
14	NONMETALLIC MINERALS, EXCEPT										
	FUELS	43.8	43.4	45.3	44.1	—	—	—	—	—	—
142	Crushed and broken stone	43.5	42.7	46.0	44.5	—	—	—	—	—	—
—	CONTRACT CONSTRUCTION	36.3	36.7	38.2	36.8	36.8	—	—	—	—	—
15	GENERAL BUILDING CONTRACTORS	35.8	36.2	37.0	36.0	—	—	—	—	—	—
16	HEAVY CONSTRUCTION CONTRACTORS	38.6	39.1	42.0	39.3	—	—	—	—	—	—
161	Highway and street construction	38.1	38.6	43.3	39.4	—	—	—	—	—	—
162	Heavy construction, nec	39.0	39.5	40.9	39.3	—	—	—	—	—	—
17	SPECIAL TRADE CONTRACTORS	35.7	36.1	37.3	36.2	—	—	—	—	—	—
171	Plumbing, heating, air conditioning	37.4	38.0	38.3	37.9	—	—	—	—	—	—
172	Painting, paper hanging, decorating	34.7	34.5	36.1	34.8	—	—	—	—	—	—
173	Electrical work	37.5	37.9	38.6	38.0	—	—	—	—	—	—
174	Masonry, stonework, and plastering	32.9	33.3	34.2	32.6	—	—	—	—	—	—
176	Roofing and sheet metal work	31.1	31.2	34.8	32.4	—	—	—	—	—	—
—	MANUFACTURING	40.1	40.8	40.0	40.3	40.7	2.9	3.1	3.2	3.2	3.3
	DURABLE GOODS	40.4	41.4	40.6	40.9	41.4	2.8	3.1	3.2	3.3	3.6
19,24,25, 32-39	NONDURABLE GOODS	39.7	40.0	39.2	39.4	39.6	3.1	3.2	3.0	3.0	3.0
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	41.7	41.9	40.6	41.0	42.6	2.8	2.6	2.7	2.7	—
192	Ammunition, except for small arms	41.1	41.4	40.1	40.9	(*)	2.2	2.3	2.4	2.8	—
1925	Complete guided missiles	41.3	41.5	40.3	41.4	—	—	—	—	—	—
1929	Ammunition, exc. for small arms, nec	40.9	41.2	39.6	40.0	—	—	—	—	—	—
24	LUMBER AND WOOD PRODUCTS	39.2	40.2	40.6	39.9	40.7	3.2	3.4	3.8	3.5	—
242	Sawmills and planing mills	39.2	40.6	41.4	40.3	41.6	3.6	3.9	4.3	3.9	—
2421	Sawmills and planing mills, general	39.1	40.6	41.5	40.4	—	—	—	—	—	—
243	Millwork, plywood and related products	39.7	40.0	40.3	39.9	(*)	2.9	3.0	3.4	3.3	—
2431	Millwork	39.4	39.6	39.5	39.3	—	—	—	—	—	—
2432	Veneer and plywood	40.2	40.7	41.1	40.8	—	—	—	—	—	—
244	Wooden containers	38.3	39.1	38.7	38.7	38.7	2.2	2.4	2.1	2.4	—
2441,2	Wooden boxes, shooks, and crates	38.2	38.9	39.3	39.0	—	—	—	—	—	—
249	Miscellaneous wood products	41.0	41.4	39.7	39.3	—	3.6	3.8	3.4	3.3	—
25	FURNITURE AND FIXTURES	39.3	40.1	38.8	38.8	39.3	2.3	2.6	2.2	2.1	—
251	Household furniture	39.3	40.2	38.4	38.4	(*)	2.4	2.7	2.0	2.0	—
2511	Wood household furniture	39.6	40.3	39.3	39.2	—	2.6	2.8	2.4	2.3	—
2512	Upholstered household furniture	39.4	40.8	37.2	37.3	—	—	—	—	—	—
2515	Mattresses and bedsprings	37.9	38.2	37.4	36.3	—	—	—	—	—	—
252	Office furniture	40.0	40.9	41.5	41.3	—	2.3	2.1	3.3	3.1	—
254	Partitions and fixtures	39.3	39.5	39.9	39.5	—	1.8	2.1	2.8	2.3	—
253,9	Other furniture and fixtures	38.6	39.3	38.4	39.5	(*)	1.8	2.1	1.9	1.8	—
32	STONE, CLAY, AND GLASS PRODUCTS	41.0	41.3	41.8	41.4	41.3	3.9	3.8	4.6	4.3	—
321	Flat glass	41.2	44.4	41.6	42.0	—	4.0	4.2	5.3	6.4	—
322	Glass and glassware, pressed or blown	40.6	41.1	40.6	40.7	40.8	4.2	4.1	4.2	4.2	—
3221	Glass containers	41.1	41.9	40.6	40.7	—	—	—	—	—	—
3229	Pressed and blown glass, nec	39.9	40.0	40.5	40.6	—	3.1	2.7	2.8	3.1	—
324	Cement, hydraulic	41.5	40.8	41.7	42.1	41.6	2.6	2.2	3.0	3.1	—
325	Structural clay products	41.2	41.3	41.7	41.3	(*)	3.6	3.6	4.1	4.1	—
3251	Brick and structural clay tile	41.5	41.6	42.3	41.5	—	—	—	—	—	—
326	Pottery and related products	39.4	39.2	39.3	39.7	—	2.4	1.9	2.5	2.4	—
327	Concrete, gypsum and plaster										
	products	42.0	42.0	43.9	42.5	41.8	4.8	4.8	6.5	5.4	—
328,9	Other stone and nonmetallic mineral										
	products	40.4	41.3	40.7	40.8	(*)	3.1	3.2	3.3	3.4	—
3291	Abrasive products	39.0	40.3	40.0	40.5	—	—	—	—	—	—

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**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
	DURABLE GOODS—Continued										
33	PRIMARY METAL INDUSTRIES	40.0	40.6	40.1	40.3	40.5	2.6	2.8	3.1	3.0	--
331	Blast furnace and basic steel products	38.9	39.3	38.9	39.0	(*)	1.7	1.8	2.0	1.9	--
3312	Blast furnaces and steel mills	38.7	39.1	38.6	38.7	--	1.6	1.7	1.8	1.7	--
332	Iron and steel foundries	40.6	41.4	41.0	41.4	(*)	3.4	3.7	4.5	4.3	--
3321	Gray iron foundries	40.6	41.7	41.1	41.6	--	3.5	3.8	5.2	5.0	--
3322	Malleable iron foundries	38.5	38.7	39.3	39.2	--	--	--	--	--	--
3323	Steel foundries	41.4	41.9	41.2	41.4	--	3.6	3.9	3.6	3.2	--
333,4	Nonferrous metals	41.3	41.7	41.7	41.7	(*)	3.3	3.4	3.2	3.4	--
3334	Primary aluminum	41.2	42.0	41.9	40.9	--	--	--	--	--	--
335	Nonferrous rolling and drawing	41.4	42.3	41.7	42.1	(*)	3.5	4.0	4.4	4.4	--
3351	Copper rolling and drawing	41.4	42.8	42.2	42.0	--	--	--	--	--	--
3352	Aluminum rolling and drawing	41.6	42.4	42.0	42.7	--	4.3	4.6	5.2	5.5	--
3357	Nonferrous wire drawing and insulating	41.3	41.9	41.3	41.7	--	3.2	3.7	3.8	3.8	--
336	Nonferrous foundries	40.0	41.0	39.8	40.5	41.0	2.6	3.0	2.8	3.0	--
3361	Aluminum castings	40.0	41.2	40.0	40.6	--	--	--	--	--	--
3362,9	Other nonferrous castings	39.9	40.9	39.7	40.4	--	--	--	--	--	--
339	Miscellaneous primary metal products	40.5	41.2	39.9	39.8	40.8	3.4	3.7	3.2	3.3	--
3391	Iron and steel forgings	40.1	40.8	40.0	40.1	--	--	--	--	--	--
34	FABRICATED METAL PRODUCTS	40.7	41.7	40.6	41.0	41.4	2.9	3.1	3.4	3.4	--
341	Metal cans	42.8	44.0	41.9	43.0	44.0	2.8	3.0	3.5	3.5	--
342	Cutlery, hand tools, and hardware	40.1	40.7	40.9	41.1	(*)	2.6	2.5	3.5	3.3	--
3421,3,5	Cutlery and hand tools, incl. saws	39.9	40.6	40.8	41.0	--	--	--	--	--	--
3429	Hardware, nec	40.2	40.9	40.9	41.2	--	--	--	--	--	--
343	Plumbing and heating, except electric	40.9	41.1	40.4	40.7	40.9	3.4	3.2	2.9	3.0	--
3431,2	Sanitary ware and plumbers' brass goods	41.1	40.9	39.9	39.8	--	--	--	--	--	--
3433	Heating equipment, except electric	40.8	41.2	40.8	41.6	--	--	--	--	--	--
344	Fabricated structural metal products	40.9	41.7	40.6	40.7	41.3	3.1	3.4	3.0	2.9	--
3441	Fabricated structural steel	41.6	42.6	41.3	41.5	--	3.5	3.8	3.4	3.2	--
3442	Metal doors, sash, and trim	39.4	40.2	39.7	39.2	--	--	--	--	--	--
3443	Fabricated plate work (boiler shops)	41.5	42.4	40.6	41.1	--	3.5	4.0	2.8	2.9	--
3444	Sheet metal work	40.0	40.3	40.5	40.6	--	--	--	--	--	--
3446,9	Architectural and misc. metal work	41.2	42.1	40.7	40.8	--	--	--	--	--	--
345	Screw machine products, bolts, etc	39.9	40.9	41.8	42.1	42.6	2.0	2.4	4.1	4.0	--
3451	Screw machine products	40.1	40.6	41.2	41.8	--	--	--	--	--	--
3452	Bolts, nuts, rivets, and washers	39.7	41.1	42.5	42.4	--	--	--	--	--	--
346	Metal stampings	40.7	43.3	39.9	40.6	(*)	3.2	3.0	4.2	4.5	--
347	Metal services, nec	40.0	40.7	40.0	40.3	40.9	3.2	3.3	3.3	3.4	--
348	Miscellaneous fabricated wire products	40.4	40.5	40.1	40.2	40.6	2.6	2.8	2.8	2.7	--
349	Miscellaneous fabricated metal products	40.5	41.2	40.6	41.1	(*)	3.0	3.1	3.0	3.2	--
3494,8	Valves, pipe, and pipe fittings	41.0	41.7	41.0	41.7	--	--	--	--	--	--
35	MACHINERY, EXCEPT ELECTRICAL	41.1	42.1	41.2	41.8	42.6	3.0	3.5	3.2	3.5	--
351	Engines and turbines	41.1	41.4	40.0	41.1	(*)	3.6	3.9	2.6	2.8	--
3511	Steam engines and turbines	42.1	42.6	41.3	42.3	--	--	--	--	--	--
3519	Internal combustion engines, nec	40.6	40.9	39.4	40.5	--	--	--	--	--	--
352	Farm machinery	40.4	42.1	40.5	40.5	--	2.7	2.8	2.8	4.3	--
353	Construction and related machinery	41.6	42.2	40.5	41.1	(*)	3.0	3.5	2.4	2.5	--
3531,2	Construction and mining machinery	40.7	40.9	39.5	39.9	--	2.4	2.7	1.8	1.5	--
3533	Oil field machinery	44.8	46.3	42.9	43.7	--	--	--	--	--	--
3535,6	Conveyors, hoists, cranes, monorails	41.6	43.2	40.3	41.0	--	--	--	--	--	--
3537	Industrial trucks and tractors	38.8	38.6	40.3	41.4	--	--	--	--	--	--
354	Metal working machinery	41.0	42.4	42.2	42.9	43.7	3.3	3.9	4.4	4.7	--
3541	Machine tools, metal cutting types	41.3	42.3	42.4	43.3	--	2.8	3.5	3.9	4.3	--
3544	Special dies, tools, jig and fixtures	42.2	43.6	43.5	44.0	--	--	--	--	--	--
3545	Machine tool accessories	39.5	41.0	41.0	41.9	--	2.3	2.4	3.5	3.7	--
3542,8	Miscellaneous metal working machinery	39.9	41.5	40.4	41.2	--	--	--	--	--	--
355	Special industry machinery	40.9	42.1	41.0	42.2	(*)	2.8	3.4	3.2	3.7	--
3551	Food products machinery	40.8	42.1	41.1	42.5	--	--	--	--	--	--
3552	Textile machinery	40.6	41.5	40.4	40.8	--	--	--	--	--	--
3555	Printing trades machinery	39.9	41.4	40.7	42.2	--	--	--	--	--	--
356	General industrial machinery	41.2	42.1	40.8	41.5	42.2	3.2	3.6	3.1	3.3	--
3561	Pumps and compressors	42.0	43.1	41.2	42.3	--	4.0	4.6	3.3	3.7	--
3562	Ball and roller bearings	40.9	41.3	41.2	41.8	--	2.6	3.1	3.6	3.6	--
3564	Blowers and fans	41.2	42.8	40.6	41.5	--	--	--	--	--	--
3566	Power transmission equipment	41.5	42.3	40.8	41.5	--	3.7	3.8	2.9	3.3	--
357	Office and computing machines	41.9	42.5	42.5	43.0	(*)	2.6	3.1	3.4	3.7	--
3573	Electronic computing equipment	42.1	43.1	42.8	43.5	--	--	--	--	--	--
358	Service industry machines	40.2	41.2	40.1	40.8	(*)	1.9	2.5	2.1	2.1	--
3585	Refrigeration machinery	40.6	41.9	40.3	40.9	--	1.9	2.6	1.9	1.9	--
359	Miscellaneous machinery, except electrical	41.0	42.0	41.7	41.9	42.4	3.6	3.7	3.9	4.0	--

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**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p
DURABLE GOODS—Continued											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.0	40.7	40.2	40.6	40.8	2.2	2.4	2.5	2.6	—
361	Electric test and distributing equipment	39.7	40.5	40.1	40.5	40.7	1.9	2.2	2.2	2.2	—
3611	Electric measuring instruments	39.8	39.7	39.8	40.3	—	1.7	1.7	1.6	1.9	—
3612	Transformers	38.8	41.3	40.7	40.7	—	—	—	—	—	—
3613	Switchgear and switchboard apparatus	40.2	40.6	40.0	40.6	—	—	—	—	—	—
362	Electrical industrial apparatus	40.0	40.8	39.9	40.2	40.1	2.1	2.6	2.3	2.2	—
3621	Motors and generators	40.3	41.5	40.3	40.3	—	2.4	3.3	2.6	2.5	—
3622	Industrial controls	38.9	39.6	39.1	39.8	—	1.2	1.5	1.8	1.8	—
363	Household appliances	40.2	40.6	39.5	39.9	40.4	2.3	2.4	1.9	2.0	—
3632	Household refrigerators and freezers	40.1	41.2	39.0	40.1	—	—	—	—	—	—
3633	Household laundry equipment	38.0	38.5	38.9	38.1	—	—	—	—	—	—
3634	Electric housewares and fans	40.5	40.2	39.7	40.2	—	2.8	2.4	2.4	2.5	—
364	Electric lighting and wiring equipment	40.0	40.4	40.0	40.3	40.2	2.2	2.2	2.3	2.4	—
3641	Electric lamps	40.9	40.6	41.7	41.7	—	2.4	1.9	2.4	2.3	—
3642	Lighting fixtures	39.3	40.1	39.4	39.7	—	2.1	2.4	2.6	2.8	—
3643,4	Wiring devices	40.1	40.5	39.5	40.1	—	2.2	2.1	2.1	2.2	—
365	Radio and TV receiving equipment	39.3	39.9	39.4	39.1	(*)	1.9	2.0	2.9	2.5	—
366	Communication equipment	40.1	41.2	41.0	41.6	(*)	2.0	2.5	2.5	2.8	—
3661	Telephone and telegraph apparatus	39.4	40.8	41.5	42.2	—	—	—	—	—	—
3662	Radio and TV communication equipment	40.6	41.4	40.6	41.1	—	2.4	2.8	2.4	2.7	—
367	Electronic components and accessories	39.7	40.1	40.0	40.4	(*)	2.1	2.3	2.5	2.6	—
3671,3	Electron tubes	40.2	39.5	39.5	40.4	—	2.1	2.2	1.2	1.8	—
3674,9	Other electronic components	39.7	40.2	40.0	40.4	—	2.1	2.3	2.7	2.7	—
369	Miscellaneous electrical equip. and supplies	41.0	42.7	41.5	41.7	42.9	3.0	3.3	3.4	3.8	—
3694	Engine electrical equipment	40.2	43.2	41.1	41.4	—	—	—	—	—	—
37	TRANSPORTATION EQUIPMENT	41.0	43.4	41.4	42.0	42.7	3.1	3.8	4.2	4.2	—
371	Motor vehicles and equipment	41.5	45.4	42.4	43.3	(*)	3.3	4.5	5.4	5.4	—
3711	Motor vehicles	41.7	46.1	42.9	44.1	—	3.3	4.5	5.7	6.0	—
3712	Passenger car bodies	40.1	46.7	48.9	43.8	—	—	—	—	—	—
3713	Truck and bus bodies	40.2	42.3	39.9	40.0	—	—	—	—	—	—
3714	Motor vehicle parts and accessories	41.6	45.2	41.5	43.1	—	3.5	4.5	5.0	5.2	—
3715	Truck trailers	38.6	39.4	40.1	40.6	—	—	—	—	—	—
372	Aircraft and parts	41.7	42.1	41.0	41.5	(*)	3.3	3.4	3.0	3.0	—
3721	Aircraft	41.3	41.6	41.3	41.7	—	2.7	2.7	2.4	2.4	—
3722	Aircraft engines and engine parts	42.0	42.1	40.4	41.0	—	4.0	4.2	3.5	3.5	—
3723,9	Other aircraft parts and equipment	42.2	43.2	41.3	41.6	—	3.9	3.9	3.5	3.5	—
373	Ship and boat building and repairing	40.0	40.9	39.7	39.8	(*)	2.9	3.0	2.8	2.8	—
3731	Ship building and repairing	40.2	41.1	39.7	39.6	—	—	—	—	—	—
3732	Boat building and repairing	39.2	39.9	39.9	40.2	—	—	—	—	—	—
374	Railroad equipment	39.7	40.7	39.1	39.9	—	2.4	2.7	1.8	2.0	—
375,9	Other transportation equipment	38.4	38.4	39.4	39.5	—	1.5	1.6	2.5	2.4	—
38	INSTRUMENTS AND RELATED PRODUCTS	40.3	40.9	40.3	40.8	41.2	2.2	2.5	2.5	2.5	—
381	Engineering and scientific instruments	40.2	41.4	39.7	40.4	—	2.8	2.8	2.1	2.3	—
382	Mechanical measuring and control devices	40.1	40.5	40.3	40.8	(*)	2.2	2.5	2.6	2.7	—
3821	Mechanical measuring devices	41.3	41.4	41.0	41.6	—	2.7	2.9	2.9	2.9	—
3822	Automatic temperature controls	38.1	39.0	39.1	39.5	—	1.5	1.9	2.1	2.3	—
383,5	Optical and ophthalmic goods	39.6	40.3	39.7	40.4	(*)	1.7	2.3	2.3	2.4	—
385	Ophthalmic goods	38.8	39.3	38.5	39.5	—	1.4	1.6	2.0	2.1	—
384	Medical instruments and supplies	39.8	40.2	39.7	40.0	40.6	2.0	2.2	2.1	2.2	—
386	Photographic equipment and supplies	41.9	42.4	42.0	42.2	(*)	2.8	3.1	3.2	3.1	—
387	Watches, clocks, and watch cases	38.9	40.1	39.7	39.9	—	1.6	1.7	2.0	1.7	—
39	MISC. MANUFACTURING INDUSTRIES	39.0	39.4	38.9	39.3	39.3	2.3	2.3	2.2	2.0	—
391	Jewelry, silverware, and plated ware	40.4	40.6	40.1	40.5	(*)	4.0	3.9	3.7	3.7	—
394	Toys and sporting goods	38.5	38.9	38.7	38.7	—	1.7	1.7	1.9	1.3	—
3941,3	Games, toys, dolls and play vehicles	38.1	38.4	38.3	38.5	—	—	—	—	—	—
3949	Sporting and athletic goods, nec	38.9	39.4	39.2	39.0	—	—	—	—	—	—
396	Pens, pencils, office and art supplies	41.0	41.4	40.5	40.9	—	3.4	3.6	3.2	3.2	—
396	Costume jewelry and notions	37.9	37.5	37.2	38.9	—	2.3	1.8	1.4	1.7	—
393,9	Other manufacturing industries	39.0	39.6	39.1	39.2	(*)	2.0	2.2	2.1	2.0	—
393	Musical instruments and parts	39.4	40.5	39.2	39.5	—	1.8	2.4	1.6	1.6	—
NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	40.4	40.9	40.4	40.4	40.6	3.9	4.0	4.0	3.8	—
201	Meat products	40.5	40.8	40.8	40.8	40.5	4.4	4.4	4.5	4.3	—
2011	Meat packing plants	42.1	41.8	42.4	42.7	—	5.0	4.9	5.2	5.2	—
2013	Sausages and other prepared meats	40.9	41.4	40.8	40.9	—	—	—	—	—	—
2015	Poultry dressing plants	38.4	39.2	38.9	38.2	—	—	—	—	—	—

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. ^p 1976	Dec. ^p 1976	Nov. 1975	Dec. 1975	Oct. 1976	Nov. ^p 1976	Dec. ^p 1976
	NONDURABLE GOODS—Continued										
	FOOD AND KINDRED PRODUCTS—										
	Continued										
202	Dairy products	41.5	41.7	41.1	41.4	41.9	3.6	3.8	3.8	3.8	—
2024	Ice cream and frozen desserts	39.2	39.6	39.2	39.4	—	—	—	—	—	—
2026	Fluid milk	42.3	42.4	41.9	42.3	—	—	—	—	—	—
203	Canned, cured, and frozen foods	38.5	38.9	39.0	38.2	—	3.0	3.0	3.5	2.6	—
2031,6	Canned, cured, and frozen sea foods	33.2	34.9	34.4	34.7	—	—	—	—	—	—
2032,3	Canned food, except sea foods	40.9	40.8	39.4	38.3	—	—	—	—	—	—
2037	Frozen fruits and vegetables	38.9	39.7	40.4	39.7	—	—	—	—	—	—
204	Grain mill products	43.9	43.9	43.8	43.3	43.8	5.9	6.2	5.8	5.3	—
2041	Flour and other grain mill products	45.9	45.6	44.1	43.9	—	—	—	—	—	—
2042	Prepared feeds for animals and fowls	43.3	43.9	44.5	44.1	—	—	—	—	—	—
205	Bakery products	39.5	39.8	39.1	39.4	39.4	3.6	3.4	3.3	3.4	—
2051	Bread, cake, and related products	39.2	39.2	38.8	39.0	—	—	—	—	—	—
2052	Cookies and crackers	40.6	41.8	40.0	40.6	—	—	—	—	—	—
206	Sugar	41.5	42.2	39.5	42.1	—	4.9	4.0	4.2	3.8	—
207	Confectionery and related products	39.7	40.0	40.0	40.6	(*)	2.5	2.7	2.7	3.1	—
2071	Confectionery products	39.3	39.7	39.5	40.0	—	—	—	—	—	—
208	Beverages	39.9	40.7	40.2	40.0	40.4	3.3	3.5	4.0	3.6	—
2082	Malt liquors	42.7	43.8	42.7	42.9	—	—	—	—	—	—
2086	Bottled and canned soft drinks	38.2	38.9	38.5	38.4	—	—	—	—	—	—
209	Miscellaneous foods and kindred products	42.1	43.4	41.8	42.4	42.8	4.8	5.0	4.8	4.7	—
21	TOBACCO MANUFACTURES	40.5	38.8	38.7	38.1	37.5	3.1	1.8	1.8	2.5	—
211	Cigarettes	40.5	40.5	37.8	38.1	—	3.5	2.2	1.5	2.1	—
212	Cigars	38.4	38.7	37.4	37.9	—	1.0	1.4	.9	1.0	—
22	TEXTILE MILL PRODUCTS	41.2	41.5	39.5	40.0	40.6	4.0	4.2	3.1	3.2	—
221	Weaving mills, cotton	42.5	42.6	41.0	41.1	41.6	5.0	5.6	3.7	3.8	—
222	Weaving mills, synthetics	41.7	41.7	39.8	40.5	40.9	4.2	4.3	3.4	3.5	—
223	Weaving and finishing mills, wool	41.1	42.1	41.0	40.7	(*)	3.5	4.0	3.3	3.0	—
224	Narrow fabric mills	41.6	41.8	39.2	39.8	(*)	3.7	3.9	2.9	2.7	—
225	Knitting mills	39.3	39.0	38.0	38.7	38.8	2.9	2.8	2.5	2.6	—
2251	Women's hosiery, except socks	37.9	37.9	38.1	39.2	—	—	—	—	—	—
2252	Hosiery, nec	39.2	37.8	37.1	37.5	—	—	—	—	—	—
2253	Knit outerwear mills	38.2	37.5	37.7	37.7	—	—	—	—	—	—
2254	Knit underwear mills	38.6	38.7	37.5	38.5	—	—	—	—	—	—
226	Textile finishing, except wool	42.6	44.0	39.2	40.2	(**)	5.1	5.6	2.9	3.2	—
227	Floor covering mills	41.0	41.6	41.0	41.2	—	3.4	3.6	3.5	3.6	—
228	Yarn and thread mills	41.5	42.0	38.7	39.1	(*)	4.1	4.2	2.6	2.8	—
229	Miscellaneous textile goods	41.5	42.4	41.5	41.8	41.6	3.8	3.8	3.8	3.8	—
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.4	36.5	35.3	35.4	35.2	1.5	1.4	1.2	1.2	—
231	Men's and boys' suits and coats	35.5	36.6	35.7	36.4	(*)	.9	1.1	.9	1.1	—
232	Men's and boys' furnishings	37.5	37.6	35.9	36.0	(*)	1.5	1.5	1.0	1.0	—
2321	Men's and boys' shirts and nightwear	37.5	37.6	35.9	35.7	—	1.6	1.6	1.1	1.0	—
2327	Men's and boys' separate trousers	38.0	37.9	35.1	35.0	—	1.3	1.5	.8	.9	—
2328	Men's and boys' work clothing	37.7	37.7	37.0	37.1	—	1.4	1.2	1.0	1.0	—
233	Women's and misses' outerwear	34.3	34.0	32.9	32.9	(**)	1.4	1.1	.9	1.0	—
2331	Women's and misses' blouses and waists	35.5	34.6	34.2	34.4	—	—	—	—	—	—
2335	Women's and misses' dresses	32.8	32.5	31.7	31.7	—	1.3	1.0	.8	.9	—
2337	Women's and misses' suits and coats	33.6	33.3	31.7	31.7	—	1.0	1.1	.8	.8	—
2339	Women's and misses' outerwear, nec	36.6	36.4	34.8	34.9	—	1.7	1.4	1.2	1.3	—
234	Women's and children's undergarments	37.1	36.4	36.4	35.9	34.4	1.6	1.3	1.4	1.2	—
2341	Women's and children's underwear	37.2	36.3	36.6	36.0	—	—	—	—	—	—
2342	Corsets and allied garments	36.7	37.0	35.8	35.8	—	—	—	—	—	—
235	Hats, caps, and millinery	36.6	37.4	37.5	37.8	—	.9	1.0	1.7	1.6	—
236	Children's outerwear	36.5	36.4	35.6	35.2	(*)	1.5	1.4	1.1	1.3	—
2361	Children's dresses and blouses	36.1	35.5	35.7	35.0	—	—	—	—	—	—
237,8	Fur goods and miscellaneous apparel	36.7	36.6	36.1	36.3	—	1.5	1.1	1.2	1.2	—
239	Miscellaneous fabricated textile products	38.7	39.6	38.1	37.8	(*)	2.0	2.2	2.3	1.9	—
2391,2	Housefurnishings	39.0	39.5	37.7	37.9	—	—	—	—	—	—
26	PAPER AND ALLIED PRODUCTS	42.6	43.3	42.3	42.5	42.8	4.7	4.8	4.6	4.6	—
261,2,6	Paper and pulp mills	44.3	44.8	44.1	44.2	44.7	6.2	6.2	6.0	5.9	—
263	Paperboard mills	44.6	45.1	43.6	44.1	(*)	7.2	6.7	6.7	6.8	—
264	Miscellaneous converted paper products	41.1	42.0	40.7	41.0	41.3	3.2	3.6	3.4	3.2	—
2643	Bags, except textile bags	41.1	41.3	40.9	41.1	—	—	—	—	—	—
265	Paperboard containers and boxes	41.7	42.4	41.6	41.8	41.6	3.9	3.9	3.7	3.7	—
2651,2	Folding and setup paperboard boxes	41.4	42.3	41.3	41.9	—	—	—	—	—	—
2653	Corrugated and solid fiber boxes	41.4	42.3	41.9	41.6	—	3.9	4.1	4.2	3.8	—
2654	Sanitary food containers	42.7	43.4	41.6	42.6	—	—	—	—	—	—

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p
	NONDURABLE GOODS—Continued										
27	PRINTING AND PUBLISHING	\$204.58	\$209.55	\$216.95	\$219.04	\$224.44	\$5.47	\$5.50	\$5.77	\$5.81	\$5.86
271	Newspapers	208.04	215.07	219.22	221.54	224.46	6.03	6.11	6.41	6.44	6.45
272	Periodicals	206.93	210.69	225.17	224.10	—	5.46	5.53	5.91	5.96	—
273	Books	176.60	179.73	196.60	196.21	—	4.76	4.78	5.08	5.07	—
275	Commercial printing	211.91	215.60	223.68	225.62	(*)	5.49	5.50	5.75	5.80	(*)
2751	Commercial printing, except lithographic	203.52	205.92	217.23	219.57	—	5.30	5.28	5.57	5.63	—
2752	Commercial printing, lithographic	223.49	230.88	234.69	234.85	—	5.79	5.86	6.08	6.10	—
278	Blankbooks and bookbinding	162.09	166.66	174.33	177.51	(*)	4.21	4.23	4.47	4.54	(*)
274,6,7,9	Other publishing and printing ind.	210.53	218.80	218.30	222.87	(*)	5.44	5.47	5.67	5.70	(*)
28	CHEMICALS AND ALLIED PRODUCTS	230.74	235.62	251.26	254.75	257.42	5.56	5.61	6.04	6.08	6.10
281	Industrial chemicals	258.94	262.06	287.90	289.25	289.85	6.18	6.21	6.79	6.79	6.82
2812	Alkalies and chlorine	263.40	268.02	299.84	297.40	—	6.00	6.05	6.83	6.79	—
2818	Industrial organic chemicals, nec.	283.76	285.95	311.32	316.25	—	6.63	6.65	7.24	7.27	—
2819	Industrial inorganic chemicals, nec.	242.40	245.62	271.83	274.98	—	6.00	6.02	6.55	6.61	—
282	Plastics materials and synthetics	228.90	232.78	242.08	247.70	250.25	5.45	5.49	5.89	5.94	5.93
2821	Plastics materials and resins	248.91	251.94	264.63	273.06	—	5.67	5.70	6.14	6.22	—
2823,4	Synthetic fibers	209.30	212.08	216.86	219.75	—	5.13	5.16	5.49	5.48	—
283	Drugs	214.25	218.77	232.22	235.98	238.21	5.29	5.31	5.65	5.70	5.74
2834	Pharmaceutical preparations	209.16	214.76	227.14	231.28	—	5.19	5.20	5.54	5.60	—
284	Soap, cleaners, and toilet goods	218.12	224.64	235.91	235.25	(*)	5.32	5.40	5.74	5.78	(*)
2841	Soap and other detergents	283.34	289.33	310.86	306.25	—	6.62	6.76	7.28	7.24	—
2844	Toilet preparations	175.20	182.90	190.07	190.48	—	4.38	4.45	4.74	4.81	—
285	Paints and allied products	204.72	213.83	223.99	225.07	227.14	5.08	5.19	5.49	5.53	5.54
287	Agricultural chemicals	214.21	221.56	233.69	236.56	238.27	4.97	5.07	5.46	5.54	5.58
2871,2	Fertilizers, complete and mixing only	201.28	209.32	219.56	221.95	—	4.67	4.79	5.13	5.21	—
286,9	Other chemical products	214.95	219.76	233.79	238.71	(*)	5.23	5.27	5.62	5.63	(*)
2892	Explosives	210.31	212.70	237.97	238.65	—	5.08	5.15	5.56	5.55	—
29	PETROLEUM AND COAL PRODUCTS	281.72	278.81	306.00	307.40	309.83	6.66	6.67	7.20	7.25	7.29
291	Petroleum refining	301.14	297.56	329.22	334.11	332.48	7.17	7.17	7.82	7.88	7.86
295,9	Other petroleum and coal products	226.46	220.67	240.12	230.83	(*)	5.23	5.18	5.52	5.47	(*)
30	RUBBER AND PLASTICS PRODUCTS, NEC	178.93	184.91	199.75	202.86	208.24	4.44	4.51	4.86	4.90	4.97
301	Tires and inner tubes	242.19	253.15	310.25	318.96	(*)	5.85	5.86	6.73	6.83	(*)
302,3,6	Other rubber products	176.31	183.15	197.62	198.85	204.26	4.43	4.50	4.82	4.85	4.91
302	Rubber footwear	128.02	133.67	127.39	131.69	—	3.46	3.49	3.49	3.54	—
307	Miscellaneous plastics products	159.60	163.22	167.53	169.60	173.75	3.98	4.03	4.22	4.24	4.29
31	LEATHER AND LEATHER PRODUCTS	126.61	129.42	125.96	128.10	129.20	3.28	3.31	3.47	3.50	3.53
311	Leather tanning and finishing	177.48	181.31	175.49	174.57	(*)	4.35	4.39	4.57	4.57	(*)
314	Footwear, except rubber	119.95	123.48	116.82	119.93	122.69	3.14	3.15	3.30	3.35	3.38
312,3,5-7,9	Other leather products	125.00	126.01	130.50	131.20	(*)	3.23	3.29	3.48	3.48	(*)
316	Luggage	124.13	127.53	134.64	135.77	—	3.31	3.41	3.60	3.64	—
317	Handbags and personal leather goods	127.03	122.85	124.08	125.16	—	3.16	3.15	3.30	3.32	—
—	TRANSPORTATION AND PUBLIC UTILITIES	245.12	246.58	265.20	264.94	266.67	6.19	6.18	6.63	6.64	6.65
4011	RAILROAD TRANSPORTATION: Class I railroads ²	276.45	281.20	297.22	(*)	—	6.52	6.42	7.01	(*)	—
411	LOCAL AND INTERURBAN PASSENGER TRANSIT: Local and suburban transportation	208.28	207.36	208.98	228.02	—	5.13	5.21	5.64	5.63	—
413	Intercity highway transportation	235.69	233.24	266.63	258.32	—	6.37	6.39	6.75	6.78	—
42	TRUCKING AND WAREHOUSING	248.00	254.81	267.90	268.96	—	6.20	6.23	6.55	6.56	—
421,3	Trucking and trucking terminals	254.00	260.94	274.70	276.19	—	6.35	6.38	6.70	6.72	—
422	Public warehousing	171.74	174.76	189.29	192.08	—	4.37	4.38	4.78	4.79	—
46	PIPE LINE TRANSPORTATION	296.31	302.02	322.75	320.63	—	7.14	7.14	7.63	7.58	—
48	COMMUNICATION	232.97	232.76	262.68	262.40	—	6.02	6.03	6.65	6.66	—
481	Telephone communication	235.24	235.01	267.81	266.06	—	6.11	6.12	6.77	6.77	—
4817	Switchboard operating employees ³	178.34	172.31	200.80	198.14	—	5.23	5.19	5.78	5.76	—
4818	Line construction employees ⁴	301.04	298.62	343.22	339.47	—	7.10	7.11	7.89	7.84	—
482	Telegraph communication ⁵	244.61	248.44	(*)	(*)	—	6.10	6.18	(*)	(*)	—
483	Radio and television broadcasting	224.40	222.30	244.51	247.67	—	5.71	5.70	6.19	6.27	—

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**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p
NONDURABLE GOODS—Continued											
27	PRINTING AND PUBLISHING	37.4	38.1	37.6	37.7	38.3	2.5	2.7	2.6	2.6	—
271	Newspapers	34.5	35.2	34.2	34.4	34.8	1.9	2.0	1.8	1.9	—
272	Periodicals	37.9	38.1	38.1	37.6	—	2.2	2.0	2.2	1.5	—
273	Books	37.1	37.6	38.7	38.7	—	2.1	2.0	2.5	2.4	—
275	Commercial printing	38.6	39.2	38.9	38.9	(*)	2.9	3.2	3.1	3.0	—
2751	Commercial printing, except lithographic	38.4	39.0	39.0	39.0	—	2.8	3.0	3.2	3.1	—
2752	Commercial printing, lithographic	38.6	39.4	38.6	38.5	—	3.0	3.4	3.1	2.9	—
278	Blankbooks and bookbinding	38.5	39.4	39.0	39.1	(*)	2.0	2.2	2.5	2.6	—
274,6,7,9	Other publishing and printing ind.	38.7	40.0	38.5	39.1	(*)	2.5	3.1	2.7	2.8	—
28	CHEMICALS AND ALLIED PRODUCTS ...	41.5	42.0	41.6	41.9	42.2	3.0	3.1	3.3	3.2	—
281	Industrial chemicals	41.9	42.2	42.4	42.6	42.5	3.2	3.3	3.9	3.8	—
2812	Alkalies and chlorine	43.9	44.3	43.9	43.8	—	—	—	—	—	—
2818	Industrial organic chemicals, nec.	42.8	43.0	43.0	43.5	—	3.3	3.4	4.0	4.2	—
2819	Industrial inorganic chemicals, nec.	40.4	40.8	41.5	41.6	—	2.9	3.1	3.6	3.4	—
282	Plastics materials and synthetics	42.0	42.4	41.1	41.7	42.2	2.9	2.8	2.7	2.8	—
2821	Plastics materials and resins	43.9	44.2	43.1	43.9	—	4.7	4.5	4.5	4.5	—
2823,4	Synthetic fibers	40.8	41.1	39.5	40.1	—	1.7	1.7	1.4	1.5	—
283	Drugs	40.5	41.2	41.1	41.4	41.5	2.8	2.9	2.9	2.9	—
2834	Pharmaceutical preparations	40.3	41.3	41.0	41.3	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods	41.0	41.6	41.1	40.7	(*)	2.7	2.9	3.3	2.8	—
2841	Soap and other detergents	42.8	42.8	42.7	42.3	—	—	—	—	—	—
2844	Toilet preparations	40.0	41.1	40.1	39.6	—	—	—	—	—	—
285	Paints and allied products	40.3	41.2	40.8	40.7	41.0	2.0	2.4	2.7	2.2	—
287	Agricultural chemicals	43.1	43.7	42.8	42.7	42.7	4.5	4.9	4.4	4.4	—
2871,2	Fertilizers, complete and mixing only ..	43.1	43.7	42.8	42.6	—	—	—	—	—	—
286,9	Other chemical products	41.1	41.7	41.6	42.4	(*)	2.6	3.1	3.4	3.5	—
2892	Explosives	41.4	41.3	42.8	43.0	—	—	—	—	—	—
29	PETROLEUM AND COAL PRODUCTS	42.3	41.8	42.5	42.4	42.5	3.7	3.1	3.6	3.3	—
291	Petroleum refining	42.0	41.5	42.1	42.4	42.3	3.1	2.7	3.0	3.0	—
295,9	Other petroleum and coal products	43.3	42.6	43.5	42.2	(*)	2.6	4.5	5.1	4.2	—
30	RUBBER AND PLASTICS PRODUCTS, NEC ...	40.3	41.0	41.1	41.4	41.9	3.0	3.3	3.9	3.9	—
301	Tires and inner tubes	41.4	43.2	46.1	46.7	(*)	3.6	4.5	7.7	8.2	—
302,3,6	Other rubber products	39.8	40.7	41.0	41.0	41.6	2.4	2.7	3.6	3.4	—
302	Rubber footwear	37.0	38.3	36.5	37.2	—	.9	.3	.7	.9	—
307	Miscellaneous plastics products	40.1	40.5	39.7	40.0	40.5	3.0	3.1	2.9	2.9	—
31	LEATHER AND LEATHER PRODUCTS	38.6	39.1	36.3	36.6	36.6	2.4	2.5	1.6	1.6	—
311	Leather tanning and finishing	40.8	41.3	38.4	38.2	(*)	4.2	4.2	2.3	2.4	—
314	Footwear, except rubber	38.2	39.2	35.4	35.8	36.3	2.1	2.3	1.2	1.3	—
312,3,5,7,9	Other leather products	38.7	38.3	37.5	37.7	(*)	2.6	2.3	2.1	1.9	—
316	Luggage	37.5	37.4	37.4	37.3	—	1.8	1.7	2.4	1.9	—
317	Handbags and personal leather goods ..	40.2	39.0	37.6	37.7	—	3.4	2.8	2.3	2.2	—
—	TRANSPORTATION AND PUBLIC UTILITIES	39.6	39.9	40.0	39.9	40.1	—	—	—	—	—
4011	RAILROAD TRANSPORTATION: Class I railroads ²	42.4	43.8	42.4	(*)	—	—	—	—	—	—
411	LOCAL AND INTERURBAN PASSENGER TRANSIT: Local and suburban transportation	40.6	39.8	40.6	40.5	—	—	—	—	—	—
413	Intercity highway transportation	37.0	36.5	39.5	38.1	—	—	—	—	—	—
42	TRUCKING AND WAREHOUSING	40.0	40.9	40.9	41.0	—	—	—	—	—	—
421,3	Trucking and trucking terminals	40.0	40.9	41.0	41.1	—	—	—	—	—	—
422	Public warehousing	39.3	39.9	39.6	40.1	—	—	—	—	—	—
46	PIPE LINE TRANSPORTATION	41.5	42.3	42.3	42.3	—	—	—	—	—	—
48	COMMUNICATION	38.7	38.6	39.5	39.4	—	—	—	—	—	—
481	Telephone communication	38.5	38.4	39.5	39.3	—	—	—	—	—	—
4817	Switchboard operating employees ³	34.1	33.2	34.8	34.4	—	—	—	—	—	—
4818	Line construction employees ⁴	42.4	42.0	43.5	43.3	—	—	—	—	—	—
482	Telegraph communication ⁵	40.1	40.2	(*)	(*)	—	—	—	—	—	—
483	Radio and television broadcasting	39.3	39.0	39.5	39.5	—	—	—	—	—	—

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
TRANSPORTATION AND PUBLIC UTILITIES—Continued											
49	ELECTRIC, GAS, AND SANITARY SERVICES										
	Electric companies and systems	\$258.34	\$256.89	\$281.06	\$283.14	—	\$6.24	\$6.22	\$6.74	\$6.79	—
491	Gas companies and systems	261.25	260.19	281.63	284.81	—	6.28	6.30	6.77	6.83	—
492	Combination companies and systems	234.36	234.77	256.63	258.90	—	5.73	5.74	6.29	6.33	—
493	Water, steam, and sanitary systems	289.54	284.42	319.82	320.63	—	6.96	6.87	7.49	7.58	—
494-7		208.38	209.39	226.85	226.72	—	5.07	5.07	5.44	5.45	—
WHOLESALE AND RETAIL TRADE											
		128.69	130.30	135.94	136.20	\$137.97	3.83	3.81	4.07	4.09	\$4.07
50	WHOLESALE TRADE	194.27	197.18	204.34	205.11	207.87	5.02	5.03	5.28	5.30	5.33
501	Motor vehicles and automotive equipment	176.01	182.11	181.81	183.22	—	4.49	4.53	4.71	4.71	—
502	Drugs, chemicals, and allied products	198.36	199.43	216.41	217.16	—	5.22	5.18	5.68	5.67	—
503	Dry goods and apparel	164.33	169.50	168.86	168.98	—	4.49	4.52	4.77	4.72	—
504	Groceries and related products	187.88	190.03	196.99	198.26	—	4.88	4.86	5.13	5.19	—
506	Electrical goods	215.34	226.01	224.97	228.23	—	5.37	5.42	5.71	5.72	—
507	Hardware, plumbing and heating equipment	183.46	184.89	192.65	193.92	—	4.79	4.79	5.03	5.05	—
508	Machinery, equipment, and supplies	215.32	215.32	226.46	225.89	—	5.41	5.41	5.69	5.69	—
509	Miscellaneous wholesalers	191.40	194.30	200.41	201.55	—	5.05	5.06	5.26	5.29	—
52-59	RETAIL TRADE	109.46	111.18	115.75	115.71	118.30	3.41	3.40	3.64	3.65	3.64
53	Retail general merchandise	100.75	104.64	106.79	106.14	—	3.25	3.20	3.49	3.48	—
531	Department stores	102.41	106.25	109.38	108.06	—	3.38	3.31	3.61	3.59	—
532	Mail order houses	132.21	140.73	143.40	143.24	—	3.90	3.92	4.23	4.14	—
533	Variety stores	80.22	85.87	85.26	85.25	—	2.63	2.61	2.89	2.88	—
54	Food stores	131.54	133.01	142.24	143.86	—	4.06	4.08	4.39	4.44	—
541-3	Grocery, meat, and vegetable stores	135.71	136.78	147.27	148.46	—	4.15	4.17	4.49	4.54	—
56	Apparel and accessory stores	92.09	97.95	98.37	98.34	—	3.08	3.09	3.29	3.30	—
561	Men's and boys' clothing and furnishings	115.48	123.71	123.20	123.70	—	3.62	3.66	3.85	3.89	—
562	Women's ready-to-wear stores	81.50	85.93	85.24	84.93	—	2.82	2.79	2.97	2.98	—
565	Family clothing stores	90.00	95.98	97.61	96.67	—	3.00	2.99	3.19	3.18	—
566	Shoe stores	91.55	98.10	102.26	101.67	—	3.19	3.27	3.49	3.47	—
57	Furniture and home furnishings stores	147.38	150.22	151.73	152.10	—	4.06	4.06	4.18	4.19	—
571	Furniture and home furnishings	150.06	152.48	156.22	156.52	—	4.10	4.11	4.28	4.30	—
58	Eating and drinking places⁶	71.66	72.24	76.45	76.16	—	2.55	2.58	2.78	2.80	—
52,55,59	Other retail trade	138.68	138.37	144.11	143.71	—	3.81	3.76	3.97	3.97	—
52	Building materials and farm equipment	151.32	152.10	164.79	163.51	—	3.89	3.88	4.13	4.15	—
551,2	Motor vehicle dealers	193.25	185.26	190.39	189.60	—	4.88	4.69	4.82	4.80	—
553,9	Other automotive and accessory dealers	152.45	154.01	163.14	162.33	—	3.84	3.86	4.13	4.12	—
591	Drug stores and proprietary stores	101.70	103.65	106.18	106.18	—	3.27	3.28	3.47	3.47	—
594	Book and stationery stores	115.48	116.25	121.11	120.18	—	3.51	3.47	3.67	3.62	—
598	Fuel and ice dealers	176.57	186.81	182.74	192.76	—	4.47	4.59	4.58	4.69	—
FINANCE, INSURANCE, AND REAL ESTATE⁷											
		155.18	153.97	161.85	161.41	162.58	4.24	4.23	4.41	4.41	4.43
60	Banking	132.11	129.24	136.15	136.14	—	3.59	3.58	3.73	3.74	—
61	Credit agencies other than banks	140.62	138.75	145.10	146.22	—	3.77	3.74	3.89	3.92	—
612	Savings and loan associations	137.64	135.42	139.85	140.19	—	3.72	3.70	3.79	3.82	—
62	Security, commodity brokers and services	272.63	269.28	297.60	(*)	—	7.27	7.20	7.75	(*)	—
63	Insurance carriers	164.87	164.87	172.33	172.33	—	4.42	4.42	4.62	4.62	—
631	Life insurance	163.17	163.61	168.35	168.81	—	4.41	4.41	4.55	4.55	—
632	Accident and health insurance	156.94	156.91	169.73	168.52	—	4.13	4.14	4.42	4.40	—
633	Fire, marine, and casualty insurance	169.13	167.93	175.68	175.68	—	4.51	4.49	4.71	4.71	—

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**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
—	TRANSPORTATION AND PUBLIC UTILITIES—Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.4	41.3	41.7	41.7	—	—	—	—	—	
491	Electric companies and systems	41.6	41.3	41.6	41.7	—	—	—	—	—	
492	Gas companies and systems	40.9	40.9	40.8	40.9	—	—	—	—	—	
493	Combination companies and systems	41.6	41.4	42.7	42.3	—	—	—	—	—	
494-7	Water, steam, and sanitary systems	41.1	41.3	41.7	41.6	—	—	—	—	—	
—	WHOLESALE AND RETAIL TRADE	33.6	34.2	33.4	33.3	33.9	—	—	—	—	
50	WHOLESALE TRADE	38.7	39.2	38.7	38.7	39.0	—	—	—	—	
501	Motor vehicles and automotive equipment	39.2	40.2	38.6	38.9	—	—	—	—	—	
502	Drugs, chemicals, and allied products	38.0	38.5	38.1	38.3	—	—	—	—	—	
503	Dry goods and apparel	36.6	37.5	35.4	35.8	—	—	—	—	—	
504	Groceries and related products	38.5	39.1	38.4	38.2	—	—	—	—	—	
506	Electrical goods	40.1	41.7	39.4	39.9	—	—	—	—	—	
507	Hardware; plumbing and heating equipment	38.3	38.6	38.3	38.4	—	—	—	—	—	
508	Machinery, equipment, and supplies	39.8	39.8	39.8	39.7	—	—	—	—	—	
509	Miscellaneous wholesalers	37.9	38.4	38.1	38.1	—	—	—	—	—	
52-59	RETAIL TRADE	32.1	32.7	31.8	31.7	32.5	—	—	—	—	
53	Retail general merchandise	31.0	32.7	30.6	30.5	—	—	—	—	—	
531	Department stores	30.3	32.1	30.3	30.1	—	—	—	—	—	
532	Mail order houses	33.9	35.9	33.9	34.6	—	—	—	—	—	
533	Variety stores	30.5	32.9	29.5	29.6	—	—	—	—	—	
54	Food stores	32.4	32.6	32.4	32.4	—	—	—	—	—	
541-3	Grocery, meat, and vegetable stores	32.7	32.8	32.8	32.7	—	—	—	—	—	
56	Apparel and accessory stores	29.9	31.7	29.9	29.8	—	—	—	—	—	
561	Men's and boys' clothing and furnishings	31.9	33.8	32.0	31.8	—	—	—	—	—	
562	Women's ready-to-wear stores	28.9	30.8	28.7	28.5	—	—	—	—	—	
565	Family clothing stores	30.0	32.1	30.6	30.4	—	—	—	—	—	
566	Shoe stores	28.7	30.0	29.3	29.3	—	—	—	—	—	
57	Furniture and home furnishings stores	36.3	37.0	36.3	36.3	—	—	—	—	—	
571	Furniture and home furnishings	36.6	37.1	36.5	36.4	—	—	—	—	—	
58	Eating and drinking places ⁶	28.1	28.0	27.5	27.2	—	—	—	—	—	
52,55,59	Other retail trade	36.4	36.8	36.3	36.2	—	—	—	—	—	
52	Building materials and farm equipment	38.9	39.2	39.9	39.4	—	—	—	—	—	
551,2	Motor vehicle dealers	39.6	39.5	39.5	39.5	—	—	—	—	—	
553,9	Other automotive and accessory dealers	39.7	39.9	39.5	39.4	—	—	—	—	—	
591	Drug stores and proprietary stores	31.1	31.6	30.6	30.6	—	—	—	—	—	
594	Book and stationery stores	32.9	33.5	33.0	33.2	—	—	—	—	—	
598	Fuel and ice dealers	39.5	40.7	39.9	41.1	—	—	—	—	—	
—	FINANCE, INSURANCE, AND REAL ESTATE⁷	36.6	36.4	36.7	36.6	36.7	—	—	—	—	
60	Banking	36.8	36.1	36.5	36.4	—	—	—	—	—	
61	Credit agencies other than banks	37.3	37.1	37.3	37.3	—	—	—	—	—	
612	Savings and loan associations	37.0	36.6	36.9	36.7	—	—	—	—	—	
62	Security, commodity brokers and services	37.5	37.4	38.4	(*)	—	—	—	—	—	
63	Insurance carriers	37.3	37.3	37.3	37.3	—	—	—	—	—	
631	Life insurance	37.0	37.1	37.0	37.1	—	—	—	—	—	
632	Accident and health insurance	38.0	37.9	38.4	38.3	—	—	—	—	—	
633	Fire, marine, and casualty insurance	37.5	37.4	37.3	37.3	—	—	—	—	—	

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers ¹ on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p
-	SERVICES	\$142.21	\$142.13	\$148.74	\$149.97	\$151.09	\$4.22	\$4.23	\$4.44	\$4.49	\$4.51
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶	92.27	92.65	97.64	97.34	-	2.92	2.96	3.08	3.15	-
721	Personal services: Laundries and dry cleaning plants	107.80	109.55	116.51	117.22	-	3.08	3.13	3.31	3.33	-
722	Photographic studios	118.76	114.56	126.01	125.56	-	3.27	3.34	3.51	3.65	-
781	Motion pictures: Motion picture filming and distributing	261.30	263.59	280.69	279.71	-	6.70	6.69	6.78	6.74	-
806	Hospitals	138.85	138.11	145.01	146.97	-	4.06	4.05	4.24	4.31	-

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

² Beginning January 1965, data relate to line haul railroads with operating revenues of \$5,000,000 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 1975, such employees made up 30 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 1975, such employees made up 47 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

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

* Not available.

^p preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Nov. 1975	Dec. 1975	Oct. 1976	Nov. ^p 1976 ^p	Dec. ^p 1976 ^p	Nov. 1975	Dec. 1975	Oct. 1976	Nov. ^p 1976 ^p	Dec. ^p 1976 ^p
	SERVICES	33.7	33.6	33.5	33.4	33.5	—	—	—	—	—
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶	31.6	31.3	31.7	30.9	—	—	—	—	—	
	Personal services:										
721	Laundries and dry cleaning plants	35.0	35.0	35.2	35.2	—	—	—	—	—	
722	Photographic studios	35.4	34.3	35.9	34.4	—	—	—	—	—	
	Motion pictures:										
781	Motion picture filming and distributing ...	39.0	39.4	41.4	41.5	—	—	—	—	—	
806	Hospitals	34.2	34.1	34.2	34.1	—	—	—	—	—	

ESTABLISHMENT DATA HOURS AND EARNINGS

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

[F. employment in thousands—includes both supervisory and nonsupervisory employees]

Item	1975						1976						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Executive Branch													
Total employment	2,750.7	2,726.4	2,697.5	2,693.7	2,693.8	2,722.6	2,675.6	2,677.6	2,675.4	2,681.2	2,686.0	2,707.8	2,724.1
Average weekly hours	39.3	39.3	39.4	39.4	39.2	40.2	39.3	39.3	39.1	39.2	39.2	39.3	39.6
Average overtime hours	1.0	1.0	1.1	1.0	.9	1.8	1.0	.9	.9	.8	.9	.9	1.0
Indexes (1967=100):													
Average weekly earnings	181.2	181.4	186.5	193.5	192.8	201.3	195.2	195.2	193.9	195.5	196.6	195.7	196.1
Average hourly earnings	181.6	181.9	186.5	193.5	193.8	197.3	195.7	195.7	195.4	196.5	197.6	196.2	195.1
Department of Defense													
Total employment	972.4	961.2	949.6	949.0	947.5	945.6	941.1	937.1	934.1	930.7	930.2	936.7	938.5
Average weekly hours	39.8	39.9	39.7	39.8	40.0	39.9	39.9	39.9	39.6	39.8	39.8	40.0	40.1
Average overtime hours . . . . .	.7	.7	.7	.7	.7	.6	.6	.6	.5	.5	.6	.7	.6
Indexes (1967=100):													
Average weekly earnings	175.5	176.4	179.6	186.8	188.8	189.9	189.7	190.2	189.0	191.1	-	191.2	188.2
Average hourly earnings	177.7	178.2	182.3	189.1	190.2	191.8	191.6	192.1	192.4	193.5	-	192.6	189.1
Postal service													
Total employment	698.1	694.3	691.2	688.7	690.9	724.0	677.9	677.0	672.3	670.3	670.6	672.8	670.7
Average weekly hours	39.2	39.2	39.8	40.1	39.0	43.1	39.5	39.5	39.4	39.2	39.3	39.0	39.7
Average overtime hours	1.1	1.0	1.4	1.4	1.1	4.6	1.6	1.2	1.1	1.0	1.1	.9	1.0
Indexes (1967=100):													
Average weekly earnings	205.3	205.0	214.7	217.6	213.8	246.1	221.5	218.4	217.5	219.8	223.2	220.9	224.5
Average hourly earnings	202.1	201.8	208.2	209.5	211.6	220.4	214.3	213.4	213.1	216.5	219.2	218.6	218.3
Other agencies													
Total employment	1,080.2	1,070.9	1,056.7	1,056.0	1,055.4	1,053.0	1,056.6	1,063.5	1,069.0	1,080.2	1,085.2	1,098.3	1,114.9
Average weekly hours	39.0	-	38.8	38.7	38.6	38.6	38.5	38.6	38.6	38.7	38.7	38.9	39.1
Average overtime hours	1.1	1.2	1.2	1.1	1.1	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.2
Indexes (1967=100):													
Average weekly earnings	173.7	-	177.2	-	184.7	-	186.4	-	185.9	185.7	186.2	185.4	187.3
Average hourly earnings	172.8	172.8	177.2	-	185.6	-	187.9	-	186.9	186.1	186.6	184.9	185.9

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage-board employees. Since these

averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

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

Major industry group	Average hourly earnings excluding overtime ¹				
	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976P	Dec. 1976P
MANUFACTURING	\$4.76	\$4.82	\$5.08	\$5.13	\$5.20
DURABLE GOODS	5.11	5.19	5.40	5.46	5.54
Ordnance and accessories	5.26	5.37	5.71	5.78	-
Lumber and wood products	4.24	4.25	4.65	4.66	-
Furniture and fixtures	3.71	3.73	3.94	3.97	-
Stone, clay, and glass products	4.83	4.83	5.15	5.19	-
Primary metal industries	6.23	6.26	6.65	6.69	-
Fabricated metal products	5.04	5.11	5.27	5.32	-
Machinery, except electrical	5.34	5.40	5.61	5.66	-
Electrical equipment and supplies	4.57	4.64	4.88	4.92	-
Transportation equipment	6.02	6.12	6.27	6.37	-
Instruments and related products	4.52	4.60	4.80	4.84	-
Miscellaneous manufacturing industries	3.76	3.82	3.95	3.98	-
NONDURABLE GOODS	4.28	4.31	4.62	4.66	4.70
Food and kindred products	4.48	4.53	4.80	4.86	-
Tobacco manufactures	4.24	4.44	4.58	4.71	-
Textile mill products	3.37	3.38	3.65	3.66	-
Apparel and other textile products	3.18	3.20	3.43	3.44	-
Paper and allied products	4.95	4.95	5.28	5.33	-
Printing and publishing	(²)	(²)	(²)	(²)	-
Chemicals and allied products	5.37	5.41	5.81	5.86	-
Petroleum and coal products	6.39	6.43	6.91	6.98	-
Rubber and plastics products, nec	4.28	4.33	4.64	4.67	-
Leather and leather products	3.18	3.20	3.40	3.43	-

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

P = preliminary.

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-5. Gross and spendable average weekly earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry division, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Nov. 1975	Oct. 1976	Nov. 1976 ^p	Nov. 1975	Oct. 1976	Nov. 1976 ^p	Nov. 1975	Oct. 1976	Nov. 1976 ^p
TOTAL PRIVATE:									
Current dollars	\$ 169.42	\$ 180.28	\$ 180.50	\$ 137.56	\$ 146.78	\$ 146.94	\$ 152.41	\$ 159.50	\$ 159.67
1967 dollars	102.31	104.03	103.86	83.07	84.70	84.55	92.04	92.04	91.87
MINING:									
Current dollars	262.73	287.33	287.76	204.76	224.44	224.75	222.67	240.88	241.21
1967 dollars	158.65	165.80	165.57	123.65	129.51	129.32	134.46	139.00	138.79
CONTRACT CONSTRUCTION:									
Current dollars	270.44	299.87	289.25	210.43	233.07	225.78	228.64	250.70	242.34
1967 dollars	163.31	173.04	166.43	127.07	134.49	129.91	138.07	144.66	139.44
MANUFACTURING:									
Current dollars	197.69	211.20	215.20	157.18	169.24	172.23	173.30	182.74	185.74
1967 dollars	119.38	121.87	123.82	94.92	97.66	99.10	104.65	105.45	106.87
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	245.12	265.20	264.94	192.00	208.63	208.44	209.03	223.98	223.78
1967 dollars	148.02	153.03	152.44	115.94	120.39	119.93	126.23	129.24	128.76
WHOLESALE AND RETAIL TRADE:									
Current dollars	128.69	135.94	136.20	107.99	114.00	114.19	121.16	126.98	127.16
1967 dollars	77.71	78.44	78.37	65.21	65.78	65.70	73.16	73.27	73.16
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	155.18	161.85	161.41	127.37	133.47	133.14	141.35	145.39	145.05
1967 dollars	93.71	93.39	92.87	76.91	77.02	76.61	85.36	83.89	83.46
SERVICES:									
Current dollars	142.21	148.74	149.97	117.88	123.62	124.54	132.93	135.71	136.54
1967 dollars	85.88	85.83	86.29	71.18	71.33	71.66	80.27	78.31	78.56
CONSUMER PRICE INDEX (All items, 1967 = 100)	165.6	173.3	173.8	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

p = preliminary (applicable to earnings data only).

ESTABLISHMENT DATA HOURS AND EARNINGS

C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group

(1967 = 100)

Industry division and group	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^p	Dec. 1976 ^p
	Hours				
TOTAL	109.5	110.9	112.8	112.8	113.9
GOODS-PRODUCING	94.4	94.8	98.0	97.7	97.0
MINING	124.5	124.5	133.6	134.3	132.3
CONTRACT CONSTRUCTION	100.3	94.9	107.4	100.2	94.1
MANUFACTURING	92.3	93.8	95.2	96.0	96.3
DURABLE GOODS	89.4	91.7	93.6	95.4	96.3
Ordnance and accessories	41.6	42.9	39.2	39.8	41.1
Lumber and wood products	90.0	91.4	102.1	99.2	100.3
Furniture and fixtures	101.1	103.0	105.3	104.8	105.0
Stone, clay, and glass products	97.2	95.9	102.9	101.5	98.0
Primary metal industries	81.4	83.7	85.9	85.4	86.1
Fabricated metal products	94.6	96.6	98.6	100.1	101.3
Machinery, except electrical	92.6	95.3	93.7	97.9	101.3
Electrical equipment and supplies	87.6	89.8	94.0	95.5	96.3
Transportation equipment	85.4	91.4	88.3	94.2	95.5
Instruments and related products	103.4	105.0	108.9	110.7	112.3
Miscellaneous manufacturing	95.8	91.2	98.1	96.5	92.5
NONDURABLE GOODS	96.5	96.7	97.4	96.8	96.2
Food and kindred products	97.2	95.4	102.3	98.0	94.9
Tobacco manufactures	104.1	95.7	96.4	91.6	85.9
Textile mill products	98.8	99.8	95.7	96.6	98.0
Apparel and other textile products	92.1	91.4	88.2	88.1	85.3
Paper and allied products	93.9	96.0	97.0	98.3	98.5
Printing and publishing	93.0	95.7	93.8	94.4	96.9
Chemicals and allied products	97.7	98.6	99.8	100.2	101.3
Petroleum and coal products	112.5	109.7	115.4	114.2	113.2
Rubber and plastics products, nec	116.0	117.6	128.2	128.0	128.6
Leather and leather products	77.8	79.0	70.7	71.2	70.4
SERVICE-PRODUCING	120.0	122.0	123.0	123.2	125.8
TRANSPORTATION AND PUBLIC UTILITIES	101.8	101.7	103.4	102.7	102.8
WHOLESALE AND RETAIL TRADE	116.3	121.5	118.0	118.9	124.5
WHOLESALE TRADE	112.6	114.3	115.6	115.7	116.5
RETAIL TRADE	117.6	124.2	118.9	120.1	127.4
FINANCE, INSURANCE, AND REAL ESTATE	124.5	123.8	128.3	128.4	129.1
SERVICES	132.1	131.5	137.3	137.0	137.0

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

p = preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry division and major manufacturing group—Continued**

[1967 = 100]

Industry division and group	Nov. 1975	Dec. 1975	Oct. 1976	Nov. 1976 ^P	Dec. 1976 ^P
	Payrolls				
TOTAL	191.4	193.9	209.6	210.5	213.0
GOODS-PRODUCING	167.4	169.6	186.0	186.0	186.4
MINING	238.5	241.1	274.8	277.9	276.5
CONTRACT CONSTRUCTION	181.6	173.1	205.0	191.5	180.9
MANUFACTURING	161.0	165.9	177.7	181.1	184.3
DURABLE GOODS	157.5	164.3	175.1	180.5	185.4
Ordnance and accessories	71.0	74.6	72.5	74.6	77.4
Lumber and wood products	167.8	171.0	210.2	204.0	206.5
Furniture and fixtures	166.0	170.7	183.6	183.5	186.9
Stone, clay, and glass products	174.5	171.9	198.3	196.3	190.5
Primary metal industries	156.7	162.3	177.6	177.6	179.3
Fabricated metal products	165.9	171.8	181.8	186.3	191.4
Machinery, except electrical	161.0	168.1	171.4	181.3	190.0
Electrical equipment and supplies	148.4	154.7	170.5	174.7	179.6
Transportation equipment	155.4	170.0	169.1	183.5	192.3
Instruments and related products	168.4	174.8	189.2	193.8	200.0
Miscellaneous manufacturing	157.7	152.9	169.7	167.6	164.1
NONDURABLE GOODS	166.9	168.7	181.9	182.0	182.4
Food and kindred products	173.0	171.9	195.2	189.2	184.6
Tobacco manufactures	202.0	191.7	199.1	196.4	194.7
Textile mill products	169.7	172.3	176.4	178.4	181.7
Apparel and other textile products	147.5	147.1	151.7	151.8	148.2
Paper and allied products	170.4	174.6	188.0	192.2	192.9
Printing and publishing	155.3	160.7	165.1	167.2	173.2
Chemicals and allied products	175.1	178.1	194.4	196.3	199.1
Petroleum and coal products	209.5	204.5	232.1	231.5	230.7
Rubber and plastics products, nec	187.6	192.9	226.8	228.3	232.6
Leather and leather products	123.5	126.3	118.6	120.6	120.2
SERVICE-PRODUCING	212.1	214.7	230.2	231.5	235.9
TRANSPORTATION AND PUBLIC UTILITIES	194.8	194.2	211.8	211.0	211.4
WHOLESALE AND RETAIL TRADE	198.9	206.5	214.1	216.6	225.8
WHOLESALE TRADE	196.6	199.8	212.0	213.2	215.8
RETAIL TRADE	200.1	210.1	215.2	218.3	231.2
FINANCE, INSURANCE, AND REAL ESTATE	204.5	202.6	219.2	219.4	221.6
SERVICES	243.6	243.1	266.6	268.9	270.0

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

p = preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED HOURS

C-7. Average weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

Industry	1975		1976										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. P	Dec. P
TOTAL PRIVATE	36.4	36.4	36.4	36.2	36.1	36.3	36.2	36.2	36.1	36.0	36.1	36.2	36.3
MINING	42.9	43.0	43.0	42.8	42.8	42.4	42.2	42.6	41.2	43.5	43.3	43.3	43.7
CONTRACT CONSTRUCTION	37.2	37.6	37.7	36.0	37.4	37.1	37.3	36.9	36.8	35.9	37.3	37.4	37.3
MANUFACTURING	40.3	40.4	40.3	40.3	39.4	40.3	40.2	40.1	40.0	39.7	39.9	40.1	40.1
<i>Overtime hours</i>	3.0	3.1	3.1	3.1	2.6	3.3	3.2	3.1	3.0	3.0	2.9	3.1	3.2
DURABLE GOODS	40.7	40.8	40.7	40.7	39.8	40.9	40.9	40.9	40.8	40.2	40.5	40.8	40.6
<i>Overtime hours</i>	2.9	2.9	3.0	3.1	2.5	3.4	3.4	3.3	3.1	3.0	3.0	3.2	3.4
Ordnance and accessories	41.3	41.3	40.8	40.8	39.7	40.8	41.1	40.9	40.7	40.1	40.6	40.8	42.0
Lumber and wood products	40.1	40.9	40.3	40.0	40.0	40.1	39.8	40.6	40.2	39.8	40.3	40.3	40.6
Furniture and fixtures	39.4	39.3	39.3	39.2	38.4	39.0	38.6	38.6	38.5	38.0	38.4	38.6	38.6
Stone, clay, and glass products	41.2	41.4	41.4	40.8	41.1	41.4	41.4	41.0	41.1	40.9	41.4	41.3	41.2
Primary metal industries	40.2	40.3	40.6	40.6	40.6	41.0	41.2	41.2	40.9	40.3	40.2	40.3	40.1
Fabricated metal products	41.0	40.9	40.9	40.9	39.6	41.0	41.0	41.0	41.0	40.6	40.4	40.8	40.7
Machinery, except electrical	41.0	41.2	41.1	41.1	40.2	41.2	41.2	41.5	41.4	40.8	41.2	41.6	41.5
Electrical equipment and supplies	40.0	40.3	40.2	40.1	39.1	40.2	40.1	40.1	40.1	39.7	40.0	40.3	40.1
Transportation equipment	41.9	41.7	41.8	42.2	39.8	42.4	42.5	42.0	41.9	41.1	41.2	42.0	41.2
Instruments and related products	40.3	40.4	40.2	40.5	39.6	40.8	40.5	40.8	40.4	39.9	40.3	40.4	40.6
Miscellaneous manufacturing, Ind.	39.0	39.0	38.7	38.8	38.0	38.7	38.5	38.8	38.5	38.2	38.7	39.0	38.9
NONDURABLE GOODS	39.7	39.8	39.7	39.6	38.9	39.5	39.3	39.1	38.9	39.0	39.1	39.2	39.3
<i>Overtime hours</i>	3.2	3.3	3.2	3.2	2.8	3.1	2.9	2.9	2.8	2.9	2.8	3.0	3.0
Food and kindred products	40.5	40.6	40.4	40.3	40.1	40.2	40.1	40.0	40.1	40.2	40.3	40.4	40.2
Tobacco manufactures	38.0	39.0	39.2	39.0	38.6	38.6	38.3	35.0	36.8	37.1	37.5	36.9	36.7
Textile mill products	41.2	41.2	40.9	40.9	39.3	40.6	40.3	40.2	39.3	39.0	39.4	39.8	40.3
Apparel and other textile products	36.5	36.5	36.4	36.3	34.9	36.0	35.8	35.5	35.2	34.9	35.0	35.1	35.2
Paper and allied products	42.8	42.6	42.8	42.6	42.1	42.8	42.4	42.3	42.1	42.2	42.1	42.3	42.3
Printing and publishing	37.5	37.7	37.5	37.4	37.2	37.6	37.5	37.7	37.5	37.4	37.5	37.5	37.7
Chemicals and allied products	41.6	41.6	41.7	41.6	41.7	41.6	41.5	41.4	41.3	41.9	41.6	41.8	41.8
Petroleum and coal products	41.9	42.4	42.3	42.2	42.2	42.2	42.0	42.2	42.3	42.2	42.0	42.0	42.6
Rubber and plastics products, nec	40.6	40.8	40.7	40.8	39.6	40.7	40.3	40.3	40.0	40.5	41.1	41.2	41.5
Leather and leather products	38.8	38.8	38.4	38.3	37.7	38.2	37.0	37.0	36.7	36.5	36.4	36.5	36.3
TRANSPORTATION AND PUBLIC UTILITIES	39.9	39.6	39.8	39.9	39.8	39.7	39.8	39.8	40.0	39.9	39.8	39.9	40.1
WHOLESALE AND RETAIL TRADE	33.9	34.0	33.8	33.7	34.0	33.7	33.6	33.7	33.6	33.6	33.5	33.5	33.7
WHOLESALE TRADE	38.8	38.9	38.8	38.7	38.9	38.8	38.8	39.1	38.9	38.8	38.7	38.7	38.6
RETAIL TRADE	32.4	32.5	32.3	32.2	32.5	32.2	32.0	32.1	32.0	32.1	32.0	32.0	32.2
FINANCE, INSURANCE, AND REAL ESTATE	36.4	36.5	36.6	36.5	36.6	36.8	36.6	36.6	36.8	36.7	36.7	36.7	36.7
SERVICES	33.7	33.7	33.7	33.5	33.5	33.6	33.4	33.4	33.5	33.5	33.6	33.5	33.6

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

p = preliminary.

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

Industry	1975		1976										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. P	Dec. P
Average hourly earnings													
TOTAL PRIVATE	\$4.68	\$4.72	\$4.74	\$4.77	\$4.79	\$4.83	\$4.85	\$4.88	\$4.90	\$4.92	\$4.95	\$4.99	\$5.01
MINING	6.13	6.19	6.25	6.29	6.32	6.36	6.33	6.44	6.34	6.60	6.62	6.60	6.62
CONTRACT CONSTRUCTION	7.45	7.48	7.47	7.57	7.57	7.66	7.68	7.77	7.74	7.71	7.76	7.81	7.85
MANUFACTURING	4.96	5.00	5.04	5.08	5.08	5.13	5.16	5.21	5.25	5.29	5.29	5.34	5.37
TRANSPORTATION AND PUBLIC UTILITIES	6.17	6.23	6.29	6.33	6.38	6.44	6.47	6.48	6.52	6.54	6.58	6.61	6.64
WHOLESALE AND RETAIL TRADE	3.84	3.87	3.88	3.90	3.92	3.94	3.96	3.99	4.00	4.03	4.06	4.09	4.11
FINANCE, INSURANCE, AND REAL ESTATE	4.23	4.25	4.30	4.30	4.33	4.36	4.34	4.37	4.43	4.39	4.43	4.43	4.43
SERVICES	4.21	4.24	4.26	4.27	4.30	4.34	4.36	4.36	4.39	4.40	4.43	4.48	4.49
Average weekly earnings													
TOTAL PRIVATE:													
Current dollars	170.35	171.81	172.54	172.67	172.92	175.33	175.57	176.66	176.89	177.12	178.70	180.64	181.86
1967 dollars	102.37	102.82	103.13	103.03	102.74	103.56	103.22	103.37	102.96	102.68	103.24	104.06	-
Real spendable earnings (worker and 3 dependents, 1967 dollars)	92.02	91.60	91.83	91.73	91.46	92.01	91.69	91.74	91.36	91.09	91.46	92.03	-

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

p = preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

C-9. Indexes of aggregate weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

[1967 = 100]

Industry division and group	1975	1976											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. ^P	Dec. ^P
TOTAL	109.3	110.1	110.4	110.4	110.8	111.3	110.9	111.1	111.0	111.4	111.3	111.8	112.4
GOODS-PRODUCING	94.0	95.2	95.2	95.2	94.8	96.3	95.9	95.6	94.8	94.9	94.9	96.1	96.1
MINING	124.9	125.2	125.0	125.7	125.9	124.7	125.0	127.7	115.6	131.7	131.1	132.8	132.9
CONTRACT CONSTRUCTION	98.1	99.6	98.5	94.1	99.0	97.8	97.6	97.2	95.9	92.8	97.2	97.9	97.2
MANUFACTURING	92.2	93.4	93.6	94.3	93.0	95.1	94.6	94.2	93.9	94.0	93.2	94.5	94.6
DURABLE GOODS	89.6	91.0	91.4	92.4	90.9	94.0	93.8	93.5	93.6	93.2	92.0	94.0	94.1
Ordnance and accessories	42.1	41.5	41.0	41.0	39.9	41.0	40.7	40.0	39.8	38.6	38.5	38.7	39.9
Lumber and wood products	93.2	97.0	96.0	95.8	96.0	96.6	96.1	98.6	97.6	98.2	99.4	100.8	102.5
Furniture and fixtures	100.7	101.3	103.1	103.6	102.7	105.1	103.3	102.3	101.2	102.4	102.2	102.5	102.5
Stone, clay, and glass products	96.5	97.7	97.4	96.5	98.6	99.5	99.7	99.2	98.6	98.9	99.7	100.1	98.9
Primary metal industries	82.8	83.6	84.8	86.0	86.8	88.3	89.2	90.1	89.8	88.8	86.2	85.6	85.3
Fabricated metal products	94.5	95.3	96.4	97.2	94.9	98.7	98.4	98.0	98.6	98.6	96.5	98.3	99.2
Machinery, except electrical	91.8	92.8	93.0	93.3	91.7	94.9	94.5	95.9	95.9	95.9	94.0	97.1	97.6
Electrical equipment and supplies	87.2	88.6	89.3	90.4	89.0	92.2	91.9	90.5	92.2	91.5	92.1	93.6	93.5
Transportation equipment	87.4	89.2	89.2	91.8	86.9	92.8	92.6	90.3	90.7	89.1	86.1	92.0	91.2
Instruments and related products	103.0	104.7	105.2	106.7	105.7	109.6	109.1	110.3	108.1	107.2	107.9	108.5	110.1
Miscellaneous manufacturing, Ind.	91.2	94.4	94.3	95.4	93.1	95.4	94.7	93.1	91.8	92.2	92.0	91.8	92.4
NONDURABLE GOODS	95.9	96.8	96.8	97.1	96.0	96.6	95.8	95.2	94.2	95.2	95.0	95.3	95.3
Food and kindred products	95.5	96.7	96.8	96.0	96.1	96.6	96.8	97.0	96.5	96.4	96.2	96.0	95.0
Tobacco manufactures	88.1	89.0	88.1	84.9	85.4	85.4	83.4	82.3	84.0	82.1	83.0	80.3	78.6
Textile mill products	98.5	99.1	99.0	99.3	96.1	99.9	98.6	98.0	95.5	95.2	95.0	95.6	96.7
Apparel and other textile products	91.9	92.7	92.2	92.6	89.3	92.0	91.4	88.9	87.6	86.2	85.7	86.2	85.6
Paper and allied products	94.5	95.2	95.8	96.1	95.9	98.1	97.3	96.9	96.1	96.5	95.7	96.7	96.9
Printing and publishing	92.9	93.1	92.6	92.7	92.3	93.6	93.1	93.6	92.9	93.1	93.4	93.5	94.2
Chemicals and allied products	97.5	98.4	99.4	99.4	100.1	100.0	99.0	99.4	99.8	100.3	99.4	99.9	100.2
Petroleum and coal products	111.4	113.6	114.2	113.9	115.6	113.9	111.6	112.2	112.4	112.2	112.5	113.4	115.0
Rubber and plastics products, nec	115.9	117.7	117.9	121.7	121.3	108.8	107.0	106.2	105.2	124.3	125.6	125.2	126.8
Leather and leather products	78.3	79.7	79.2	79.3	78.4	79.8	76.0	74.7	72.5	72.1	71.0	70.5	69.8
SERVICE-PRODUCING	119.9	120.5	120.9	121.0	121.9	121.6	121.2	121.8	122.2	122.8	122.7	122.8	123.7
TRANSPORTATION AND PUBLIC UTILITIES	101.9	101.3	102.3	102.5	102.4	101.9	101.6	102.1	102.5	102.9	102.0	102.1	103.0
WHOLESALE AND RETAIL TRADE	115.5	116.6	116.8	117.0	118.4	117.5	117.0	117.8	117.6	118.3	117.9	117.6	118.6
WHOLESALE TRADE	112.4	113.2	113.4	113.2	114.3	114.3	114.1	115.3	114.7	114.9	114.8	115.0	114.7
RETAIL TRADE	116.6	117.9	118.0	118.4	120.0	118.8	118.1	118.8	118.7	119.6	119.0	118.6	120.0
FINANCE, INSURANCE, AND REAL ESTATE	124.5	125.1	125.4	125.5	126.1	126.3	126.3	126.6	127.3	127.7	128.3	129.1	129.8
SERVICES	132.8	133.3	133.9	133.7	134.3	134.9	134.6	135.0	136.2	136.8	137.2	137.4	138.4

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

p = preliminary.

C-10. Hours of wage and salary workers¹ in nonagricultural establishments, by industry division

Industry division	Annual rate Millions of hours ²			Percent change ³		
	1976	NOVEMBER 1976p	DECEMBER 1976p	Dec. 1975 to Dec. 1976	Oct. 1976 to Nov. 1976	Nov. 1976 to Dec. 1976
	TOTAL - ALL INDUSTRIES	152,097	151,896	152,953	2.6	-1.6	8.7
TOTAL - PRIVATE	121,728	122,253	122,865	2.9	5.3	6.2
MINING	1,801	1,819	1,832	7.2	12.7	8.4
CONTRACT CONSTRUCTION	6,478	6,521	6,496	-1.0	8.2	-4.5
MANUFACTURING	39,180	39,578	39,602	2.5	12.9	0.7
TRANSPORTATION AND PUBLIC UTILITIES	9,326	9,357	9,461	1.9	4.2	14.1
WHOLESALE AND RETAIL TRADE ..	30,798	30,750	31,044	2.9	-1.5	11.7
FINANCE, INSURANCE, AND REAL ESTATE	6,319	6,361	6,403	4.2	6.2	6.2
SERVICES	25,325	25,850	26,028	4.4	1.5	8.2
GOVERNMENT	30,369	29,645	30,089	1.2	-25.1	18.5

¹ Data refer to hours paid for 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—Chapter 25. Output Per Man-Hour Measures, Private Economy.*

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

³ Percent change compounded at annual rates.
p = preliminary.

**PRODUCTIVITY
SEASONALLY ADJUSTED**

**C-11. Indexes of output and compensation per hour, unit costs, and prices,
private business sector, seasonally adjusted**

[1967 = 100]

Item	Annual average		Quarterly indexes										
			1974				1975				1976		
	1974	1975	I	II	III	IV	I	II	III	IV	I	II	III
Private business sector:													
Output per hour of all persons	109.2	111.5	110.5	109.4	108.7	107.6	108.1	111.4	113.6	113.2	115.3	116.3	117.2
Output	120.8	118.1	123.0	121.8	120.6	117.7	114.2	116.7	120.1	121.2	124.2	125.8	126.9
Hours	110.6	105.9	111.3	111.3	110.9	109.3	105.7	104.8	105.7	107.0	107.7	108.2	108.2
Compensation per hour	164.3	180.2	157.1	161.8	166.7	170.7	176.0	179.0	181.3	185.0	189.8	193.3	196.7
Real compensation per hour	111.2	111.8	110.9	111.3	111.3	110.7	112.0	112.2	111.3	111.8	113.4	114.2	114.5
Unit labor costs	150.4	161.6	142.1	147.9	153.3	158.6	162.9	160.7	159.5	163.4	164.7	166.1	167.8
Unit nonlabor payments	131.1	149.5	128.4	129.4	131.9	134.9	138.6	146.6	156.2	156.2	156.1	159.3	160.8
Implicit price deflator	143.8	157.5	137.4	141.5	146.0	150.4	154.5	155.9	158.4	160.9	161.7	163.8	165.4
Nonfarm business sector:													
Output per hour of all persons	107.5	109.4	109.3	107.6	106.7	105.7	106.0	109.2	111.6	111.0	112.6	114.1	114.9
Output	121.1	118.0	123.7	122.1	121.0	117.9	114.4	116.6	119.9	121.3	124.3	126.0	127.1
Hours	112.7	107.9	113.2	113.5	113.3	111.5	107.9	106.7	107.4	109.2	110.4	110.4	110.6
Compensation per hour	162.0	177.7	155.3	159.6	164.0	168.3	173.1	176.4	179.3	182.2	186.4	190.4	193.4
Real compensation per hour	109.7	110.2	109.7	109.7	109.5	109.2	110.1	110.5	110.1	110.1	111.4	112.5	112.7
Unit labor costs	150.8	162.4	142.1	148.3	153.6	159.3	163.3	161.6	160.6	164.1	165.5	166.9	168.5
Unit nonlabor payments	125.2	144.7	120.3	124.2	127.0	129.7	136.0	142.2	149.9	150.1	152.4	153.9	157.7
Implicit price deflator	142.0	156.4	134.7	140.1	144.6	149.2	154.0	155.0	157.0	159.3	161.0	162.5	164.8
Manufacturing:													
Output per hour of all persons	114.7	114.9	114.7	115.5	115.5	112.6	109.0	113.1	118.6	119.4	120.9	123.5	124.9
Output	116.8	106.3	119.0	118.5	118.5	111.5	100.8	102.7	109.5	112.6	116.5	119.0	120.7
Hours	101.8	92.5	103.7	102.6	102.6	99.0	92.5	90.8	92.3	94.3	96.3	96.4	96.6
Compensation per hour	161.7	179.8	153.8	159.1	163.5	169.6	175.9	179.1	180.7	183.6	187.9	192.3	194.5
Real compensation per hour	109.5	111.5	108.6	109.4	109.2	110.1	111.9	112.2	111.0	111.0	112.3	113.7	113.3
Unit labor costs	140.9	156.4	134.1	137.7	141.6	150.7	161.3	158.3	152.3	153.7	155.4	155.8	155.8
Nonfinancial corporations:													
Output per all-employee hour	112.6	115.9	114.6	113.6	111.9	110.8	111.7	115.8	118.2	117.8	119.1	120.6	121.4
Output	128.0	124.0	131.4	129.7	127.7	123.7	119.7	122.4	126.2	127.5	130.8	133.0	134.1
Hours	113.6	107.0	114.6	114.2	114.1	111.7	107.1	105.7	106.8	108.3	109.8	110.3	110.5
Compensation per hour	167.2	184.8	160.4	165.0	169.4	174.2	180.2	183.5	186.1	189.4	193.5	197.4	200.5
Real compensation per hour	113.2	114.7	113.3	113.4	113.2	113.0	114.6	115.0	114.3	114.5	115.7	116.7	116.8
Total unit costs	152.0	166.8	142.4	148.5	155.2	162.0	167.4	165.9	165.4	168.7	169.6	171.0	172.7
Unit labor costs	148.4	159.4	139.9	145.2	151.4	157.3	161.3	158.5	157.5	160.8	162.5	163.7	165.2
Unit nonlabor costs	163.1	189.8	150.1	158.4	167.2	176.8	186.5	189.2	190.2	193.4	191.9	193.8	196.1
Unit profits	69.2	87.0	75.1	74.4	66.4	60.2	61.6	82.4	102.0	100.5	106.0	107.1	112.1
Implicit price deflator	139.7	155.0	132.4	137.5	142.0	146.9	151.7	153.5	156.0	158.6	160.2	161.5	163.7

p= preliminary.

r= revised.

NOTE: This table does not reflect the new seasonally adjusted establishment data. The new seasonal factors will be incorporated in fourth quarter measures released by the Office of Productivity and Technology on January 26, 1977.

**PRODUCTIVITY
SEASONALLY ADJUSTED**

C-12. 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					
	I 1975 to II 1975	II 1975 to III 1975	III 1975 to IV 1975	IV 1975 to I 1976	I 1976 to II 1976	II 1976 to III 1976	II 1974 to III 1975	III 1974 to IV 1975	IV 1974 to I 1975	I 1975 to I 1976	II 1975 to II 1976	III 1975 to III 1976
	Private business sector:											
Output per hour of all persons	12.7	8.5	-1.5	7.4	3.8	3.1	1.7	4.5	5.2	6.6	4.5	3.2
Output	8.9	12.3	3.6	10.2	5.5	3.4	-4.2	-0.4	3.0	8.7	7.8	5.6
Hours	-3.3	3.5	5.2	2.6	1.6	0.2	-5.9	-4.7	-2.1	1.9	3.2	2.4
Compensation per hour	6.9	5.2	8.3	10.9	7.5	7.3	10.6	8.8	8.4	7.8	8.0	8.5
Real compensation per hour	0.7	-2.9	1.6	6.1	2.8	1.1	0.8	0.0	0.9	1.3	1.8	2.9
Unit labor costs	-5.1	-3.0	10.0	3.2	3.6	4.1	8.7	4.1	3.0	1.1	3.3	5.2
Unit nonlabor payments	25.0	28.8	0.0	-0.2	8.5	3.7	13.3	18.4	15.7	12.6	8.7	3.0
Implicit price deflator	3.5	6.6	6.6	2.1	5.2	3.9	10.1	8.5	7.0	4.7	5.1	4.4
Nonfarm business sector:												
Output per hour of all persons	12.6	9.2	-2.2	5.8	5.4	2.9	1.5	4.6	5.1	6.2	4.5	2.9
Output	7.9	12.1	4.5	10.5	5.4	3.4	-4.6	-0.8	2.9	8.7	8.1	5.9
Hours	-4.1	2.5	6.9	4.4	0.1	0.5	-5.9	-5.2	-2.1	2.3	3.4	2.9
Compensation per hour	7.9	6.8	6.6	9.5	8.9	6.9	10.5	9.4	8.3	7.7	7.9	8.0
Real compensation per hour	1.6	-1.4	-0.0	4.8	4.1	0.7	0.7	0.6	0.8	1.2	1.8	2.4
Unit labor costs	-4.2	-2.2	9.0	3.5	3.3	3.9	8.9	4.6	3.1	1.4	3.3	4.9
Unit nonlabor payments	19.6	23.5	0.5	6.2	4.2	10.0	14.5	18.0	15.7	12.0	8.2	5.1
Implicit price deflator	2.6	5.3	6.2	4.3	3.6	5.8	10.6	8.6	6.8	4.6	4.9	5.0
Manufacturing:												
Output per hour of all persons	15.8	21.1	2.7	5.1	8.7	4.6	-2.1	2.8	6.1	10.9	9.2	5.3
Output	7.6	29.4	11.9	14.4	8.9	5.7	13.4	-7.6	1.0	15.6	15.9	10.2
Hours	-7.1	6.9	9.0	8.9	0.2	1.0	-11.5	-10.1	-4.7	4.2	6.2	4.7
Compensation per hour	7.4	3.8	6.5	9.7	9.9	4.6	12.6	10.5	8.2	6.8	7.4	7.6
Real compensation per hour	1.2	-4.2	-0.1	4.8	5.1	-1.4	2.6	1.6	0.8	0.4	1.3	2.1
Unit labor costs	-7.2	-14.3	3.7	4.3	1.1	-0.0	15.0	7.5	2.0	-3.7	-1.6	2.3
Nonfinancial corporations:												
Output per all-employee hour	15.4	8.5	-1.3	4.5	5.1	2.5	1.9	5.6	6.4	6.6	4.2	2.7
Output	9.5	13.1	4.2	10.6	6.8	3.6	-5.6	-1.1	3.1	9.3	8.6	6.3
Hours	-5.1	4.2	5.6	5.9	1.6	1.0	-7.4	-6.4	-3.1	2.5	4.3	3.5
Compensation per hour	7.5	5.9	7.2	9.0	8.4	6.3	11.2	9.9	8.7	7.4	7.6	7.7
Real compensation per hour	1.2	-2.2	0.5	4.3	3.6	0.2	1.4	1.0	1.3	0.9	1.5	2.1
Total unit costs	-3.6	-1.2	8.1	2.2	3.4	4.0	11.8	6.6	4.1	1.3	3.1	4.4
Unit labor costs	-6.9	-2.4	8.6	4.3	3.1	3.7	9.1	4.0	2.2	0.7	3.3	4.9
Unit nonlabor costs	5.8	2.1	7.1	-3.1	3.9	4.7	19.4	13.7	9.4	2.9	2.5	3.1
Unit profits	218.7	135.3	-5.9	23.8	4.2	20.2	10.7	53.5	66.9	71.9	30.0	9.9
Implicit price deflator	4.8	6.7	6.7	4.1	3.4	5.5	11.7	9.8	7.9	5.6	5.2	4.9

p= preliminary.
r= revised.

NOTE: This table does not reflect the new seasonally adjusted establishment data. The new seasonal factors will be incorporated in fourth quarter measures released by the Office of Productivity and Technology on January 26, 1977.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
ALABAMA	\$169.64	\$188.50	\$189.66	40.2	40.8	40.7	\$4.22	\$4.62	\$4.66
Birmingham	209.56	227.29	235.60	40.3	40.3	41.7	5.20	5.64	5.65
Mobile	200.88	229.14	221.20	39.7	40.7	39.5	5.06	5.63	5.60
ALASKA	270.13	334.62	(*)	34.9	39.0	(*)	7.74	8.58	(*)
ARIZONA	193.06	210.01	215.20	39.4	39.7	40.0	4.90	5.29	5.38
Phoenix	194.04	207.64	208.95	39.6	39.4	39.8	4.90	5.27	5.25
Tucson	(*)	212.51	216.06	(*)	39.5	39.0	(*)	5.38	5.54
ARKANSAS	141.68	160.80	156.74	38.5	40.1	38.7	3.68	4.01	4.05
Fayetteville—Springdale	133.43	144.91	144.32	38.9	39.7	38.9	3.43	3.65	3.71
Fort Smith	141.75	155.54	153.98	37.9	38.5	38.4	3.74	4.04	4.01
Little Rock—North Little Rock	160.78	189.13	190.00	38.1	39.9	39.5	4.22	4.74	4.81
Pine Bluff	184.54	208.92	207.46	39.6	41.7	41.0	4.66	5.01	5.06
CALIFORNIA	213.07	227.48	231.38	39.9	39.7	40.1	5.34	5.73	5.77
Anaheim—Santa Ana—Garden Grove	199.50	210.00	212.53	39.9	40.0	40.1	5.00	5.25	5.30
Bakersfield	217.65	230.68	228.80	41.3	40.4	40.0	5.27	5.71	5.72
Fresno	185.94	209.68	203.09	38.9	40.4	39.9	4.78	5.19	5.09
Los Angeles—Long Beach	201.00	213.07	217.22	40.2	39.9	40.3	5.00	5.34	5.39
Modesto	191.72	220.15	218.90	37.3	40.1	39.8	5.14	5.49	5.50
Oxnard—Simi Valley—Ventura	192.00	198.50	195.07	40.0	39.7	38.4	4.80	5.00	5.08
Riverside—San Bernardino—Ontario	211.46	232.46	236.22	39.6	39.4	39.7	5.34	5.90	5.95
Sacramento	227.76	245.07	244.20	38.8	38.9	38.7	5.87	6.30	6.31
Salinas—Seaside—Monterey	194.81	214.01	219.04	38.5	38.7	38.7	5.06	5.53	5.66
San Diego	205.50	216.93	220.52	38.7	38.6	39.1	5.31	5.62	5.64
San Francisco—Oakland	254.13	274.72	276.61	39.4	39.7	39.8	6.45	6.92	6.95
San Jose	234.21	252.89	264.31	39.9	39.7	40.6	5.87	6.37	6.51
Santa Barbara—Santa Maria—Lompoc	184.57	192.73	191.23	40.3	38.7	38.4	4.58	4.98	4.98
Santa Rosa	192.41	208.66	205.72	38.1	37.8	37.0	5.05	5.52	5.56
Stockton	235.22	235.13	245.70	39.6	37.5	39.0	5.94	6.27	6.30
Vallejo—Fairfield—Napa	216.40	225.60	230.12	38.3	37.6	38.1	5.65	6.00	6.04
COLORADO	206.56	214.52	211.97	39.8	39.8	39.4	5.19	5.39	5.38
Denver—Boulder	212.66	218.14	216.11	40.2	40.1	39.8	5.29	5.44	5.43
CONNECTICUT	202.45	215.25	218.59	41.4	41.0	41.4	4.89	5.25	5.28
Bridgeport	212.76	227.04	231.43	41.8	42.2	42.7	5.09	5.38	5.42
Hartford	231.74	237.69	242.60	42.6	41.7	41.9	5.44	5.70	5.79
New Britain	206.50	222.98	221.31	41.3	41.6	41.6	5.00	5.36	5.32
New Haven—West Haven	203.00	213.72	216.65	40.6	40.4	40.8	5.00	5.29	5.31
Stamford	202.91	223.13	219.34	40.1	42.5	41.7	5.06	5.25	5.26
Waterbury	175.54	184.95	186.68	41.5	41.1	41.3	4.23	4.50	4.52
DELAWARE	213.70	220.18	221.82	39.5	40.4	39.4	5.41	5.45	5.63
Wilmington	238.40	247.05	248.61	40.0	40.5	39.4	5.96	6.10	6.31
DISTRICT OF COLUMBIA:									
Washington SMSA	204.72	211.07	(*)	38.7	38.8	(*)	5.29	5.44	(*)
FLORIDA	167.68	181.97	183.75	40.6	40.8	41.2	4.13	4.46	4.46
Fort Lauderdale—Hollywood	157.21	179.01	179.58	37.7	40.5	41.0	4.17	4.42	4.38
Jacksonville	214.35	199.12	224.95	42.7	41.5	41.2	5.02	5.28	5.46
Miami	146.89	153.23	155.98	39.7	39.8	40.2	3.70	3.85	3.88
Orlando	164.41	186.37	195.81	40.1	41.6	42.2	4.10	4.48	4.64
Pensacola	213.00	221.54	231.13	41.2	40.5	42.1	5.17	5.47	5.49
Tampa—St. Petersburg	176.69	189.66	193.46	40.9	40.7	40.9	4.32	4.66	4.73
West Palm Beach—Boca Raton	211.41	214.76	240.38	43.5	41.7	45.7	4.86	5.15	5.26
GEORGIA	161.99	168.40	172.53	40.6	40.0	40.5	3.99	4.21	4.26
Atlanta	187.29	203.97	213.33	39.1	39.3	39.8	4.79	5.19	5.36
Savannah	201.29	236.18	240.11	42.2	43.9	44.3	4.77	5.38	5.42
HAWAII	189.64	207.19	212.70	39.1	38.8	39.1	4.85	5.34	5.44
Honolulu	187.02	199.43	206.82	38.8	37.7	38.3	4.82	5.29	5.40
IDAHO	182.51	213.89	213.72	37.4	38.4	39.0	4.88	5.57	5.48

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
ILLINOIS	\$222.88	\$234.12	\$242.68	40.1	39.8	40.5	\$5.55	\$5.89	\$6.00
INDIANA	227.53	246.44	251.12	40.2	40.4	40.7	5.66	6.10	6.17
Indianapolis	229.14	232.41	(*)	40.2	41.8	(*)	5.70	5.56	(*)
IOWA	221.35	232.93	240.77	40.1	40.3	39.6	5.52	5.78	6.08
Cedar Rapids	211.60	242.11	246.00	39.7	42.7	40.0	5.33	5.67	6.15
Des Moines	236.01	253.68	245.99	39.8	39.7	38.8	5.93	6.39	6.34
Dubuque	271.76	253.05	273.77	40.5	37.6	36.6	6.71	6.73	7.48
Sioux City	190.61	217.48	223.26	38.9	40.2	40.3	4.90	5.41	5.54
Waterloo—Cedar Falls	280.26	246.44	296.04	40.5	40.6	38.8	6.92	6.07	7.63
KANSAS	199.51	209.66	208.54	41.1	41.0	40.7	4.86	5.12	5.12
Topeka	204.17	201.90	197.99	40.5	38.5	37.5	5.04	5.24	5.28
Wichita	224.56	227.05	231.71	42.4	41.9	42.5	5.30	5.42	5.46
KENTUCKY	191.44	201.11	211.05	39.8	38.9	40.2	4.81	5.17	5.25
Louisville	225.76	229.90	251.94	40.1	38.9	40.9	5.63	5.91	6.16
LOUISIANA	211.86	229.50	227.84	42.8	41.5	41.5	4.95	5.53	5.49
Baton Rouge	255.55	291.36	284.99	42.1	43.1	42.6	6.07	6.76	6.69
New Orleans	209.42	220.70	219.45	41.8	40.2	39.9	5.01	5.49	5.50
Shreveport	186.86	198.21	198.53	40.8	40.7	40.6	4.58	4.87	4.89
MAINE	156.82	171.86	170.77	39.7	39.6	38.9	3.95	4.34	4.39
Lewiston—Auburn	128.48	137.20	135.42	37.9	37.9	36.9	3.39	3.62	3.67
Portland	165.97	172.22	173.76	39.8	38.7	38.7	4.17	4.45	4.49
MARYLAND	203.45	219.18	222.22	39.2	39.0	39.4	5.19	5.62	5.64
Baltimore	215.03	230.89	233.45	39.6	39.2	39.5	5.43	5.89	5.91
MASSACHUSETTS	180.39	193.26	196.52	39.3	39.2	39.7	4.59	4.93	4.95
Boston	199.50	212.37	218.40	39.9	39.4	40.0	5.00	5.39	5.46
Brockton	148.58	153.34	157.44	38.0	37.4	38.4	3.91	4.10	4.10
Fall River	131.71	132.44	126.81	35.5	33.7	32.6	3.71	3.93	3.89
Lawrence—Haverhill	172.87	180.78	189.77	38.5	37.9	39.7	4.49	4.77	4.78
Lowell	160.55	167.96	171.20	38.5	38.0	38.3	4.17	4.42	4.47
New Bedford	144.99	157.18	155.05	35.8	36.3	35.4	4.05	4.33	4.38
Springfield—Chicopee—Holyoke	180.58	203.18	206.67	39.6	40.8	41.5	4.56	4.98	4.98
Worcester	180.03	194.82	198.10	38.8	39.2	39.7	4.64	4.97	4.99
MICHIGAN	262.96	289.29	313.17	41.1	42.0	45.1	6.40	6.89	6.94
Ann Arbor	278.31	278.19	342.74	41.0	38.3	45.3	6.79	7.27	7.57
Battle Creek	270.05	295.13	288.01	41.4	42.0	41.5	6.52	7.03	6.94
Bay City	269.72	306.87	323.30	44.1	46.8	48.8	6.12	6.56	6.63
Detroit	281.54	300.41	327.08	41.5	40.5	44.2	6.78	7.57	7.40
Flint	295.60	359.76	355.49	41.5	47.6	47.5	7.12	7.56	7.48
Grand Rapids	208.25	239.08	237.52	39.1	41.4	41.2	5.33	5.78	5.77
Jackson	230.56	245.96	259.88	40.3	41.0	41.0	5.72	6.00	6.12
Kalamazoo—Portage	236.41	260.90	264.39	41.0	41.4	41.8	5.77	6.30	6.33
Lansing—East Lansing	276.67	320.11	312.58	41.3	44.3	43.3	6.70	7.23	7.22
Muskegon—Norton Shore—Muskegon Heights	223.78	250.64	252.64	40.4	41.4	41.6	5.54	6.05	6.07
Saginaw	313.65	357.42	352.19	42.5	45.7	45.1	7.38	7.82	7.81
MINNESOTA	209.22	221.53	225.60	39.7	39.7	40.0	5.27	5.58	5.64
Duluth—Superior	186.72	207.38	207.90	38.9	39.5	39.6	4.80	5.25	5.25
Minneapolis—St. Paul	224.32	234.43	239.80	40.2	39.6	40.1	5.58	5.92	5.98
MISSISSIPPI	147.42	156.77	158.39	40.5	40.3	40.2	3.64	3.89	3.94
Jackson	151.40	164.02	165.23	40.7	40.4	40.3	3.72	4.06	4.10
MISSOURI	193.34	208.68	211.87	39.7	39.9	39.9	4.87	5.23	5.31
Kansas City	221.13	240.08	245.40	39.7	40.9	40.9	5.57	5.87	6.00
St. Joseph	191.60	188.37	194.33	40.0	38.6	39.1	4.79	4.88	4.97
St. Louis	229.55	247.85	246.65	40.6	40.9	40.5	5.65	6.06	6.09
Springfield	162.43	170.17	174.15	38.4	37.9	38.7	4.23	4.49	4.50
MONTANA	205.69	258.92	256.87	36.6	42.1	41.7	5.62	6.15	6.16

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
NEBRASKA	\$192.21	\$206.89	\$206.41	41.0	41.0	40.6	\$4.69	\$5.05	\$5.08
Lincoln	176.22	198.07	199.97	39.2	40.2	40.3	4.50	4.93	4.96
Omaha	219.13	235.11	238.69	41.9	42.5	43.0	5.22	5.53	5.55
NEVADA	194.94	232.22	(*)	38.0	39.9	(*)	5.13	5.82	(*)
Las Vegas	251.77	290.76	(*)	39.9	42.2	(*)	6.31	6.89	(*)
NEW HAMPSHIRE	160.37	172.97	174.20	39.5	39.4	39.5	4.06	4.39	4.41
Manchester	145.53	155.94	155.47	38.5	38.6	38.2	3.78	4.04	4.07
Nashua	181.65	199.66	199.48	40.1	40.5	40.3	4.53	4.93	4.95
NEW JERSEY	210.82	224.80	232.39	41.5	41.4	42.1	5.08	5.43	5.52
Atlantic City	156.71	162.98	170.50	36.7	35.2	36.2	4.27	4.63	4.71
Camden ²	188.81	203.62	204.22	39.5	40.4	40.6	4.78	5.04	5.03
Hackensack ³	200.80	203.81	218.12	40.0	40.2	41.0	5.02	5.07	5.32
Jersey City ³	199.00	204.61	208.28	41.2	39.5	39.9	4.83	5.18	5.22
New Brunswick—Perth Amboy—Sayreville ¹	222.77	234.50	243.26	40.8	40.5	41.3	5.46	5.79	5.89
Newark ³	217.85	237.54	245.34	42.3	42.8	43.5	5.15	5.55	5.64
Paterson—Clifton—Passaic ³	197.76	209.73	230.04	41.2	42.2	46.1	4.80	4.97	4.99
Trenton	250.16	262.16	260.82	45.9	46.4	46.0	5.45	5.65	5.67
NEW MEXICO	157.49	164.74	160.74	40.8	39.6	38.0	3.86	4.16	4.23
Albuquerque	160.13	169.30	167.14	41.7	39.1	38.6	3.84	4.33	4.33
NEW YORK	198.69	211.97	217.46	39.5	39.4	39.9	5.03	5.38	5.45
Albany—Schenectady—Troy	210.94	227.77	240.03	40.8	40.6	41.6	5.17	5.61	5.77
Binghamton	196.32	195.54	193.44	40.9	40.4	40.3	4.80	4.84	4.80
Buffalo	249.89	268.13	283.82	40.5	39.9	41.8	6.17	6.72	6.79
Elmira	192.32	209.48	213.06	39.9	39.9	40.2	4.82	5.25	5.30
Monroe County ⁴	250.85	275.40	278.63	41.6	42.5	42.8	6.03	6.48	6.51
Nassau—Suffolk ⁵	191.84	197.46	201.28	39.8	39.1	39.7	4.82	5.05	5.07
New York—Northeastern New Jersey	193.64	205.01	(*)	39.6	39.5	(*)	4.89	5.19	(*)
New York and Nassau—Suffolk ³	181.45	191.02	194.06	38.2	37.9	38.2	4.75	5.04	5.08
New York SMSA ⁵	179.65	189.13	192.53	37.9	37.6	37.9	4.74	5.03	5.08
New York City ⁶	178.70	186.87	189.88	37.7	37.3	37.6	4.74	5.01	5.05
Poughkeepsie	209.41	229.19	232.20	40.9	43.0	43.0	5.12	5.33	5.40
Rochester	237.64	258.07	262.65	41.4	42.1	42.5	5.74	6.13	6.18
Rockland County ⁶	202.19	214.97	220.15	42.3	42.4	42.5	4.78	5.07	5.18
Syracuse	212.79	234.62	237.89	41.0	41.6	41.3	5.19	5.64	5.76
Utica—Rome	177.75	202.05	201.78	39.5	40.9	40.6	4.50	4.94	4.97
Westchester County ⁶	185.57	207.24	210.67	39.4	39.4	39.6	4.71	5.26	5.32
NORTH CAROLINA	146.25	152.88	155.24	40.4	39.1	39.4	3.62	3.91	3.94
Asheville	147.03	149.69	153.54	41.3	39.6	40.3	3.56	3.78	3.81
Charlotte—Gastonia	148.42	156.80	160.74	41.0	40.0	40.9	3.62	3.92	3.93
Greensboro—Winston-Salem—High Point	158.80	165.39	169.12	40.1	39.1	39.7	3.96	4.23	4.26
Raleigh—Durham	158.79	173.01	172.92	39.5	39.5	39.3	4.02	4.38	4.40
NORTH DAKOTA	175.76	193.85	188.37	38.8	39.4	38.6	4.53	4.92	4.88
Fargo—Moorhead	189.21	208.40	205.35	39.5	39.1	38.6	4.79	5.33	5.32
OHIO	236.16	251.94	262.92	41.0	40.9	41.8	5.76	6.16	6.29
Akron	245.27	265.85	265.64	41.5	42.4	42.3	5.91	6.27	6.28
Canton	229.47	242.95	252.70	39.7	38.2	39.3	5.78	6.36	6.43
Cincinnati	221.20	228.17	247.80	41.5	40.6	42.0	5.33	5.62	5.90
Cleveland	240.85	255.23	275.40	41.1	41.5	42.5	5.86	6.15	6.48
Columbus	218.40	234.00	237.15	40.0	40.0	40.4	5.46	5.85	5.87
Dayton	255.31	276.25	279.24	42.2	43.3	43.7	6.05	6.38	6.39
Toledo	241.98	270.45	278.83	40.6	41.8	42.7	5.96	6.47	6.53
Youngstown—Warren	262.64	290.80	292.00	39.2	40.0	40.0	6.70	7.27	7.30
OKLAHOMA	186.55	196.89	200.98	41.0	40.1	41.1	4.55	4.91	4.89
Oklahoma City	180.32	202.50	208.98	39.2	40.5	41.3	4.60	5.00	5.06
Tulsa	205.32	215.32	223.04	40.9	39.8	40.7	5.02	5.41	5.48
OREGON	216.59	242.35	240.91	37.8	38.9	38.3	5.73	6.23	6.29
Eugene—Springfield	229.25	266.59	254.37	38.4	40.7	38.6	5.97	6.55	6.59
Jackson County	214.32	241.88	243.66	38.0	38.7	38.8	5.64	6.25	6.28
Portland	220.02	238.32	239.94	38.6	38.5	38.7	5.70	6.19	6.20

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
PENNSYLVANIA	\$199.80	\$214.50	\$221.45	39.1	39.0	39.9	\$5.11	\$5.50	\$5.55
Allentown—Bethlehem—Easton	197.34	210.52	213.29	39.0	38.0	38.5	5.06	5.54	5.54
Altoona	160.32	178.42	178.22	37.9	37.8	38.0	4.23	4.72	4.69
Delaware Valley	212.12	226.51	231.55	39.5	39.6	40.2	5.37	5.72	5.76
Erie	209.92	221.20	226.95	41.0	40.0	40.6	5.12	5.53	5.59
Harrisburg	181.09	194.93	197.81	39.8	39.3	39.8	4.55	4.96	4.97
Johnstown	227.46	231.62	237.51	38.1	37.6	37.7	5.97	6.16	6.30
Lancaster	179.90	202.80	203.12	39.8	41.9	41.2	4.52	4.84	4.93
Northeast Pennsylvania	146.86	151.55	155.57	36.9	35.0	35.6	3.98	4.33	4.37
Philadelphia SMSA	208.96	223.51	227.53	39.5	39.7	40.2	5.29	5.63	5.66
Pittsburgh	240.37	258.84	263.86	39.6	39.7	40.1	6.07	6.52	6.58
Reading	180.39	196.39	199.36	39.3	39.2	39.4	4.59	5.01	5.06
Scranton	146.55	146.70	149.10	37.1	34.6	35.0	3.95	4.24	4.26
Wilkes-Barre—Hazleton	144.94	153.39	158.15	36.6	35.1	35.7	3.96	4.37	4.43
Williamsport	178.54	189.92	190.80	39.5	39.9	40.0	4.52	4.76	4.77
York	187.65	197.41	204.25	41.7	41.3	42.2	4.50	4.78	4.84
RHODE ISLAND	154.44	166.27	169.15	39.6	39.4	39.8	3.90	4.22	4.25
Providence—Warwick—Pawtucket	154.44	167.96	171.25	39.6	39.8	40.2	3.90	4.22	4.26
SOUTH CAROLINA ¹	153.64	162.41	165.24	41.3	40.2	40.6	3.72	4.04	4.07
Charleston—North Charleston	174.72	184.37	189.15	41.5	40.7	41.3	4.21	4.53	4.58
Columbia	149.27	162.38	161.56	39.7	39.8	39.5	3.76	4.08	4.09
Greenville—Spartanburg	155.29	159.19	163.22	41.3	39.6	40.3	3.76	4.02	4.05
SOUTH DAKOTA	173.75	190.54	184.40	40.5	40.8	40.0	4.29	4.67	4.61
Sioux Falls	228.66	248.98	240.54	41.5	43.3	42.2	5.51	5.75	5.70
TENNESSEE	163.19	172.94	178.30	40.9	40.5	40.8	3.99	4.27	4.37
Chattanooga	181.47	183.20	181.30	42.3	40.0	39.5	4.29	4.58	4.59
Knoxville	179.49	205.60	211.75	38.6	40.0	40.8	4.65	5.14	5.19
Memphis	192.10	206.74	210.31	40.7	40.3	40.6	4.72	5.13	5.18
Nashville—Davidson	165.48	171.30	187.73	39.4	39.2	40.2	4.20	4.37	4.67
TEXAS	193.64	206.41	207.14	41.2	41.2	41.1	4.70	5.01	5.04
Amarillo	177.66	194.04	196.89	42.0	39.2	40.1	4.23	4.95	4.91
Austin	166.46	175.91	177.19	40.9	41.1	41.4	4.07	4.28	4.28
Beaumont—Port Arthur—Orange	259.72	279.20	272.65	40.9	40.0	39.4	6.35	6.98	6.92
Corpus Christi	203.92	199.11	200.39	40.3	36.4	36.5	5.06	5.47	5.49
Dallas—Fort Worth	179.08	190.01	190.41	40.7	40.6	40.6	4.40	4.68	4.69
El Paso	137.94	145.96	140.99	39.3	36.4	37.3	3.51	4.01	3.78
Galveston—Texas City	301.78	340.95	318.66	43.8	43.6	41.6	6.89	7.82	7.66
Houston	237.05	252.45	253.47	43.1	42.5	42.6	5.50	5.94	5.95
Lubbock	147.26	152.85	151.16	41.6	41.2	41.3	3.54	3.71	3.66
San Antonio	150.06	154.84	154.83	41.8	39.4	39.7	3.59	3.93	3.90
Waco	173.06	178.04	181.02	41.7	41.5	42.0	4.15	4.29	4.31
Wichita Falls	170.85	186.73	185.40	40.2	39.9	39.7	4.25	4.68	4.67
UTAH	156.72	159.47	157.87	38.6	38.8	38.6	4.06	4.11	4.09
Salt Lake City—Ogden	157.55	160.75	159.56	38.9	39.4	39.3	4.05	4.08	4.06
VERMONT	168.45	184.50	183.06	40.3	41.0	40.5	4.18	4.50	4.52
Burlington	196.93	221.62	221.45	41.9	43.2	43.0	4.70	5.13	5.15
Springfield	186.81	191.60	194.17	40.7	40.0	40.2	4.59	4.79	4.83
VIRGINIA	163.21	176.00	178.04	40.2	40.0	40.1	4.06	4.40	4.44
Lynchburg	168.09	178.40	183.11	41.3	40.0	40.6	4.07	4.46	4.51
Norfolk—Virginia Beach—Portsmouth	167.02	169.34	195.62	39.3	37.8	40.5	4.25	4.48	4.83
Northern Virginia	200.00	197.21	195.82	40.0	39.6	39.8	5.00	4.98	4.92
Richmond	194.21	205.44	206.76	40.8	40.6	40.7	4.76	5.06	5.08
Roanoke	141.60	163.20	161.60	38.9	40.8	39.9	3.64	4.00	4.05
WASHINGTON	231.21	257.26	254.93	38.6	39.7	39.1	5.99	6.48	6.52
Seattle—Everett	242.48	261.89	262.13	39.3	39.5	39.3	6.17	6.63	6.67
Spokane	214.19	224.26	227.57	39.3	38.4	38.9	5.45	5.84	5.85
Tacoma	227.29	253.52	252.46	38.2	39.2	38.9	5.95	6.47	6.49
WEST VIRGINIA	201.33	218.74	(*)	39.4	39.2	(*)	5.11	5.58	(*)
Charleston	232.93	263.45	(*)	41.3	41.1	(*)	5.64	6.41	(*)
Huntington—Ashland	222.48	238.37	(*)	39.8	39.4	(*)	5.59	6.05	(*)
Parkersburg—Marietta	223.99	237.96	(*)	40.8	40.4	(*)	5.49	5.89	(*)

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS**

C-13. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P	NOV. 1975	OCT. 1976	NOV. 1976P
WEST VIRGINIA—Continued									
Wheeling	\$219.22	\$222.08	(*)	40.9	39.8	(*)	5.36	\$5.58	(*)
WISCONSIN	223.57	238.46	\$242.31	41.0	40.7	41.2	5.46	5.86	\$5.88
Appleton—Oshkosh	212.32	225.95	230.87	41.5	41.0	41.5	5.11	5.51	5.56
Green Bay	234.36	243.59	244.52	42.5	43.4	42.6	5.51	5.62	5.73
Kenosha	260.93	270.38	257.84	39.5	39.6	39.4	6.60	6.83	6.55
La Crosse	195.95	202.87	208.57	42.1	40.5	40.9	4.65	5.01	5.10
Madison	248.39	257.07	259.04	41.2	40.1	39.9	6.03	6.41	6.49
Milwaukee	241.93	257.67	263.12	40.7	40.1	40.8	5.95	6.42	6.45
Racine	237.51	248.77	257.02	40.2	40.1	40.7	5.91	6.21	6.32
WYOMING	207.75	219.89	227.92	40.5	40.2	40.7	5.13	5.47	5.60
Casper	258.38	268.62	311.42	41.9	41.2	43.8	6.17	6.52	7.11
Cheyenne	213.18	232.85	227.17	39.8	39.4	38.7	5.36	5.91	5.87

¹ Based on 1972 Standard Industrial Classification.
² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
³ Subarea of New York—Northeastern New Jersey.
⁴ Subarea of Rochester Standard Metropolitan Statistical Area.
⁵ Area included in New York and Nassau—Suffolk combined SMSA's.
⁶ Subarea of New York Standard Metropolitan Statistical Area.
⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.
⁸ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

⁹ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
¹⁰ 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 1965 to date

[Per 100 employees]

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1965	4.3	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1
1966	5.0	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9
1967	4.4	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8
1968	4.6	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1
1969	4.7	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9
1970	4.0	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4
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	4.4	4.1	3.7	4.0	4.0	4.9	5.3	4.6	6.0	5.3	4.8	3.6	2.7
1973	4.8	4.6	4.0	4.4	4.5	5.3	5.9	5.1	6.2	5.7	5.2	3.8	2.6
1974	4.2	4.2	3.6	4.0	4.4	5.1	5.4	4.8	5.4	4.9	3.8	2.4	1.8
1975	3.7	3.0	2.7	3.2	3.7	3.9	4.5	4.5	5.1	4.6	3.7	2.8	2.2
1976		3.8	3.5	4.2	3.9	4.4	4.8	4.2	5.1	4.4	3.5	2.9 ^P	
New hires													
1965	3.1	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2
1966	3.8	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1
1967	3.3	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0
1968	3.5	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2
1969	3.7	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1
1970	2.8	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4
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	2.4	2.7	2.9	3.6	4.1	3.4	4.4	4.3	3.8	2.9	2.0
1973	3.9	3.5	3.1	3.5	3.6	4.4	5.0	4.1	5.0	4.7	4.3	3.0	2.0
1974	3.2	3.2	2.7	3.0	3.3	3.9	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	3.0	2.4	1.7	1.3
1976		2.1	2.1	2.6	2.5	3.0	3.6	2.8	3.5	3.2	2.5	1.9 ^P	
Total separations													
1965	4.1	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1
1966	4.6	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2
1967	4.6	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9
1968	4.6	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8
1969	4.9	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2
1970	4.8	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1
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	4.2	4.0	3.5	3.8	3.8	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.7
1973	4.6	4.3	3.7	4.2	4.1	4.4	4.5	5.1	6.5	5.7	4.9	4.2	3.9
1974	4.8	4.9	4.0	4.4	4.2	4.4	4.2	4.9	6.1	5.4	5.0	5.0	5.2
1975	4.2	6.2	4.5	4.2	4.0	3.9	3.6	4.4	4.6	4.3	4.0	3.5	3.4
1976		3.7	3.1	3.5	3.5	3.4	3.5	4.3	4.9	4.6	4.1	3.4 ^P	
Quits													
1965	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
1967	2.3	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5
1968	2.5	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6
1969	2.7	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6
1970	2.1	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2
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	2.2	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	1.9	1.6
1973	2.7	2.2	2.1	2.5	2.5	2.7	2.8	2.8	4.5	3.9	3.0	2.2	1.6
1974	2.3	2.2	1.9	2.3	2.4	2.6	2.5	2.5	4.0	3.2	2.2	1.4	.9
1975	1.4	1.1	.9	1.0	1.1	1.3	1.3	1.5	2.4	2.0	1.6	1.2	.9
1976		1.3	1.2	1.5	1.6	1.7	1.8	1.8	2.8	2.4	1.7	1.2 ^P	
Layoffs													
1965	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966	1.2	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7
1967	1.4	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6
1968	1.2	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4
1969	1.2	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8
1970	1.8	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2
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	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9	.9	1.0	1.5
1973	.9	1.0	.7	.8	.7	.6	.6	1.4	.8	.7	.8	1.1	1.5
1974	1.5	1.7	1.2	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975	2.1	4.1	2.9	2.5	2.1	1.8	1.5	2.0	1.3	1.4	1.6	1.7	1.9
1976		1.6	1.1	1.1	1.1	.9	.9	1.6	1.1	1.3	1.5	1.5 ^P	

p=preliminary.

ESTABLISHMENT DATA LABOR TURNOVER

D-2. Labor turnover rates, by industry

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p
-	MANUFACTURING	3.5	2.9	2.5	1.9	4.1	3.4	1.7	1.2	1.5	1.5
19,24,25,32-39	DURABLE GOODS	3.1	2.6	2.1	1.7	3.6	3.0	1.4	1.0	1.3	1.4
20-23,26-31	NONDURABLE GOODS	4.1	3.4	3.0	2.2	4.7	3.9	2.2	1.5	1.8	1.7
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	1.8	-	.9	-	1.8	-	.5	-	.8	-
192	Ammunition, except for small arms	1.8	-	.7	-	1.5	-	.4	-	.6	-
24	LUMBER AND WOOD PRODUCTS	4.5	3.5	3.7	2.8	5.4	4.7	2.9	2.1	1.5	1.8
242	Sawmills and planing mills	4.1	-	3.5	-	4.8	-	2.7	-	1.2	-
2421	Sawmills and planing mills, general	3.7	-	3.2	-	4.5	-	2.5	-	1.2	-
243	Millwork, plywood and related products	4.7	-	3.7	-	5.7	-	2.8	-	1.9	-
2431	Millwork	4.9	-	4.3	-	6.6	-	3.0	-	2.4	-
2432	Veneer and plywood	3.3	-	3.1	-	3.7	-	2.2	-	.6	-
244	Wooden containers	6.5	-	5.3	-	7.1	-	4.1	-	2.1	-
2441,2	Wooden boxes, shooks, and crates	6.0	-	5.2	-	6.4	-	3.7	-	1.9	-
249	Miscellaneous wood products	4.9	-	4.2	-	6.0	-	3.2	-	1.7	-
25	FURNITURE AND FIXTURES	4.9	4.2	4.0	3.1	5.4	4.4	2.9	2.1	1.4	1.5
251	Household furniture	4.8	-	4.2	-	5.6	-	3.3	-	1.2	-
2511	Wood household furniture	5.2	-	4.7	-	6.3	-	3.7	-	1.4	-
2512	Upholstered household furniture	4.0	-	3.6	-	4.9	-	3.0	-	.9	-
2515	Mattresses and bedsprings	3.2	-	2.5	-	3.8	-	1.8	-	1.0	-
252	Office furniture	3.7	-	3.3	-	3.0	-	1.3	-	.7	-
32	STONE, CLAY, AND GLASS PRODUCTS	2.9	2.3	2.2	1.5	3.8	3.8	1.4	1.1	1.5	2.0
321	Flat glass	1.8	-	1.3	-	.8	-	.2	-	.2	-
322	Glass and glassware, pressed or blown	2.2	-	1.4	-	2.9	-	.9	-	1.1	-
3221	Glass containers	2.2	-	1.5	-	2.7	-	1.1	-	1.0	-
3229	Pressed and blown glass, nec	2.2	-	1.1	-	3.1	-	.6	-	1.3	-
324	Cement, hydraulic	.8	-	.5	-	1.2	-	.4	-	.2	-
325	Structural clay products	3.8	-	3.3	-	5.5	-	2.7	-	1.9	-
3251	Brick and structural clay tile	5.1	-	4.6	-	7.6	-	4.1	-	2.5	-
326	Pottery and related products	2.3	-	1.9	-	3.1	-	1.1	-	1.0	-
3291	Abrasive products	2.7	-	2.0	-	2.1	-	.9	-	.5	-
33	PRIMARY METAL INDUSTRIES	2.0	1.9	.9	.7	3.7	2.9	.6	.4	2.2	1.9
331	Blast furnace and basic steel products	1.7	-	.3	-	4.7	-	.3	-	3.5	-
3312	Blast furnaces and steel mills	1.7	-	.2	-	4.8	-	.2	-	3.7	-
332	Iron and steel foundries	2.7	-	1.3	-	3.1	-	1.1	-	1.2	-
3321	Gray iron foundries	2.7	-	1.4	-	2.8	-	1.2	-	.9	-
3322	Malleable iron foundries	3.1	-	.9	-	4.0	-	.9	-	2.2	-
3323	Steel foundries	2.5	-	1.3	-	3.2	-	.9	-	1.4	-
333,4	Nonferrous metals	1.8	-	1.4	-	2.8	-	.7	-	.7	-
335	Nonferrous rolling and drawing	1.5	-	1.0	-	2.1	-	.6	-	.9	-
3351	Copper rolling and drawing	1.5	-	1.1	-	2.1	-	.6	-	.9	-
3352	Aluminum rolling and drawing	1.3	-	.7	-	2.2	-	.5	-	1.1	-
3357	Nonferrous wire drawing, and insulating	1.6	-	1.1	-	2.1	-	.6	-	.8	-
336	Nonferrous foundries	3.8	-	2.9	-	4.1	-	1.7	-	1.7	-
3361	Aluminum castings	4.2	-	3.4	-	4.0	-	1.9	-	1.5	-
3362,9	Other nonferrous castings	3.4	-	2.3	-	4.2	-	1.5	-	1.9	-
339	Miscellaneous primary metal products	2.0	-	1.3	-	2.6	-	.7	-	1.1	-
3391	Iron and steel forgings	1.7	-	1.3	-	2.9	-	.6	-	1.6	-
34	FABRICATED METAL PRODUCTS	3.6	-	2.7	-	4.3	-	1.6	-	1.7	-
341	Metal cans	3.7	-	.8	-	8.9	-	.5	-	6.7	-
342	Cutlery, hand tools, and hardware	3.2	-	2.6	-	3.1	-	1.4	-	1.0	-
3421,3,5	Cutlery and hand tools, incl. saws	3.3	-	2.7	-	3.2	-	1.5	-	1.0	-
3429	Hardware, nec	3.1	-	2.5	-	3.1	-	1.4	-	1.0	-
343	Plumbing and heating, except electric	3.2	-	2.3	-	3.5	-	1.6	-	1.2	-
3431,2	Sanitary ware and plumbers' brass goods	3.5	-	2.1	-	3.2	-	1.4	-	1.0	-
3433	Heating equipment, except electric	3.0	-	2.4	-	3.8	-	1.7	-	1.3	-
344	Fabricated structural metal products	3.6	-	2.8	-	4.4	-	1.8	-	1.8	-
3441	Fabricated structural steel	3.2	-	2.4	-	4.9	-	1.6	-	2.2	-
3443	Fabricated plate work (boiler shops)	2.1	-	1.7	-	3.0	-	1.0	-	1.4	-
3446,9	Architectural and misc. metal work	3.9	-	2.8	-	4.5	-	2.2	-	1.7	-
345	Screw machine products, bolts, etc.	3.1	-	2.7	-	3.6	-	1.6	-	.4	-
3452	Bolts, nuts, rivets, and washers	2.4	-	2.0	-	3.7	-	1.2	-	.3	-

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P
	DURABLE GOODS — Continued										
	FABRICATED METAL PRODUCTS — Continued										
346	Metal stampings	2.9	-	2.1	-	3.6	-	1.2	-	1.1	-
348	Miscellaneous fabricated wire products	3.8	-	3.0	-	5.1	-	2.0	-	2.3	-
349	Miscellaneous fabricated metal products	3.1	-	2.3	-	3.1	-	1.3	-	1.1	-
3494,8	Valves, pipe, and pipe fittings	2.8	-	2.1	-	3.1	-	1.2	-	1.2	-
35	MACHINERY, EXCEPT ELECTRICAL	2.5	2.1	1.7	1.5	2.5	1.9	1.0	0.7	.7	0.6
351	Engines and turbines	1.7	-	.7	-	2.6	-	.4	-	1.0	-
3511	Steam engines and turbines	1.4	-	.7	-	1.6	-	.3	-	.1	-
3519	Internal combustion engines, nec	1.9	-	.7	-	3.2	-	.5	-	1.6	-
352	Farm machinery	3.1	-	1.9	-	3.1	-	1.2	-	.9	-
353	Construction and related machinery	1.8	-	1.3	-	2.6	-	1.0	-	.9	-
3531,2	Construction and mining machinery	1.6	-	.9	-	2.5	-	.8	-	1.1	-
3533	Oil field machinery	2.1	-	1.7	-	3.1	-	1.7	-	.5	-
3535,6	Conveyors, hoists, cranes, monorails	1.7	-	1.4	-	2.2	-	.8	-	.9	-
354	Metal working machinery	2.7	-	2.0	-	2.3	-	1.0	-	.6	-
3541	Machine tools, metal cutting types	1.8	-	1.3	-	1.6	-	.6	-	.1	-
3545	Machine tool accessories	2.2	-	1.9	-	1.8	-	.9	-	.4	-
3542,8	Miscellaneous metal working machinery	2.5	-	1.6	-	2.4	-	.9	-	1.0	-
355	Special industry machinery	2.1	-	1.5	-	2.4	-	.9	-	.9	-
3551	Food products machinery	2.2	-	1.6	-	2.3	-	.9	-	.9	-
3552	Textile machinery	2.7	-	1.7	-	3.1	-	1.1	-	1.3	-
356	General industrial machinery	2.0	-	1.5	-	2.0	-	.8	-	.6	-
3561	Pumps and compressors	1.8	-	1.3	-	2.3	-	.8	-	.8	-
3562	Bell and roller bearings	1.7	-	1.2	-	1.4	-	.5	-	.4	-
3566	Power transmission equipment	1.9	-	1.5	-	2.1	-	.7	-	.9	-
357	Office and computing machines	2.8	-	2.1	-	2.0	-	1.0	-	.2	-
3573	Electronic computing equipment	2.8	-	2.1	-	1.9	-	1.0	-	.2	-
358	Service industry machines	2.8	-	1.8	-	3.2	-	1.1	-	.9	-
3585	Refrigeration machinery	2.8	-	1.5	-	3.4	-	1.1	-	1.1	-
36	ELECTRICAL EQUIPMENT AND SUPPLIES	2.7	-	1.8	-	3.0	-	1.2	-	.9	-
361	Electric test and distributing equipment	2.5	-	1.6	-	2.4	-	1.2	-	.4	-
3611	Electric measuring instruments	2.4	-	1.3	-	2.3	-	1.7	-	.2	-
3612	Transformers	2.7	-	1.5	-	3.5	-	.9	-	1.3	-
3613	Switchgear and switchboard apparatus	2.6	-	2.0	-	1.9	-	1.0	-	.1	-
362	Electrical industrial apparatus	2.4	-	1.6	-	2.8	-	1.1	-	.9	-
3621	Motors and generators	2.5	-	1.5	-	2.9	-	1.1	-	.8	-
3622	Industrial controls	2.3	-	1.6	-	2.8	-	1.1	-	.7	-
363	Household appliances	3.9	-	2.1	-	4.1	-	1.5	-	1.3	-
3632	Household refrigerators and freezers	5.0	-	.1	-	3.9	-	.5	-	1.4	-
3633	Household laundry equipment	.8	-	.2	-	3.0	-	.3	-	1.7	-
3634	Electric housewares and fans	5.8	-	4.3	-	4.9	-	2.8	-	1.1	-
364	Electric lighting and wiring equipment	3.2	-	2.3	-	3.3	-	1.3	-	1.1	-
3641	Electric lamps	2.3	-	1.3	-	2.1	-	.7	-	.7	-
3642	Lighting fixtures	3.2	-	2.5	-	3.8	-	1.7	-	1.3	-
3643,4	Wiring devices	3.5	-	2.6	-	3.4	-	1.3	-	1.2	-
365	Radio and TV receiving equipment	2.7	-	1.3	-	6.0	-	1.4	-	3.1	-
366	Communication equipment	1.9	-	1.1	-	1.6	-	.6	-	.5	-
3661	Telephone and telegraph apparatus	2.0	-	1.0	-	1.1	-	.4	-	.3	-
3662	Radio and TV communication equipment	1.8	-	1.2	-	1.9	-	.7	-	.6	-
367	Electronic components and accessories	3.6	-	2.7	-	3.5	-	1.7	-	.9	-
3671-3	Electron tubes	2.5	-	1.2	-	3.4	-	.7	-	1.7	-
3674,9	Other electronic components	3.7	-	2.9	-	3.6	-	1.8	-	.7	-
369	Miscellaneous electrical equipment and supplies	2.1	-	1.7	-	2.3	-	1.0	-	.5	-
3694	Engine electrical equipment	1.7	-	1.2	-	2.1	-	.8	-	.5	-
37	TRANSPORTATION EQUIPMENT	3.3	-	2.1	-	3.6	-	1.1	-	1.5	-
371	Motor vehicles and equipment	2.8	-	1.6	-	2.9	-	.7	-	1.1	-
3711	Motor vehicles	2.4	-	1.6	-	2.3	-	.6	-	.7	-
3712	Passenger car bodies	2.3	-	1.9	-	1.5	-	.3	-	.2	-
3713	Truck and bus bodies	6.2	-	2.5	-	5.5	-	2.1	-	2.3	-
3714	Motor vehicle parts and accessories	2.6	-	1.4	-	3.2	-	.7	-	1.6	-
372	Aircraft and parts	1.6	-	1.0	-	1.9	-	.5	-	.8	-
3721	Aircraft	1.7	-	1.0	-	1.8	-	.5	-	1.0	-
3722	Aircraft engines and engine parts	1.1	-	.5	-	1.3	-	.4	-	.3	-
3723,9	Other aircraft parts and equipment	2.4	-	1.6	-	2.8	-	.8	-	1.4	-
373	Ship and boat building and repairing	6.5	-	4.5	-	6.0	-	2.3	-	2.5	-
3731	Ship building and repairing	6.6	-	4.1	-	5.8	-	2.0	-	2.6	-
374	Railroad equipment	5.6	-	.7	-	3.5	-	.5	-	2.0	-
375,9	Other transportation equipment	6.6	-	4.9	-	10.1	-	3.7	-	4.6	-

See footnotes at end of table.

ESTABLISHMENT DATA LABOR TURNOVER

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

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p
DURABLE GOODS — Continued											
38	INSTRUMENTS AND RELATED PRODUCTS	2.4	2.0	1.9	1.5	2.8	1.7	1.3	0.8	0.8	0.4
381	Engineering and scientific instruments	1.4	-	1.1	-	2.2	-	.9	-	.8	-
382	Mechanical measuring and control devices	2.7	-	2.0	-	3.0	-	1.0	-	1.1	-
3821	Mechanical measuring devices	2.5	-	2.0	-	1.9	-	.9	-	.4	-
3822	Automatic temperature controls	3.0	-	1.9	-	4.9	-	1.1	-	2.4	-
383,5	Optical and ophthalmic goods	2.6	-	2.2	-	2.3	-	1.3	-	.4	-
384	Medical instruments and supplies	2.8	-	2.4	-	3.5	-	1.7	-	1.2	-
386	Photographic equipment and supplies	1.6	-	1.5	-	1.9	-	1.3	-	.2	-
387	Watches, clocks, and watchcases	4.0	-	2.2	-	4.8	-	2.3	-	1.3	-
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	5.0	3.8	3.9	3.0	5.6	5.7	2.5	2.0	1.7	3.0
391	Jewelry, silverware, and plated ware	5.9	-	4.8	-	4.3	-	2.8	-	.8	-
394	Toys and sporting goods	5.9	-	4.6	-	9.4	-	3.5	-	3.3	-
3941.3	Games, toys, dolls and play vehicles	6.9	-	5.7	-	13.0	-	4.6	-	4.7	-
3949	Sporting and athletic goods, nec	4.5	-	3.1	-	4.5	-	2.1	-	1.5	-
395	Pens, pencils, office and art supplies	4.2	-	3.3	-	2.9	-	1.6	-	.6	-
396	Costume jewelry and notions	5.0	-	4.2	-	4.8	-	2.8	-	1.3	-
393,9	Other manufacturing industries	4.0	-	3.0	-	3.6	-	1.7	-	1.1	-
NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	6.0	4.6	4.0	2.8	7.5	5.7	2.8	2.0	3.8	2.9
201	Meat products	6.4	-	5.0	-	5.9	-	3.7	-	1.3	-
2011	Meat packing plants	4.9	-	3.0	-	4.8	-	1.6	-	2.2	-
2015	Poultry dressing plants	10.0	-	8.8	-	8.8	-	7.6	-	.2	-
204	Grain mill products	2.9	-	2.3	-	3.5	-	1.6	-	1.2	-
2041	Flour and other grain mill products	2.8	-	1.9	-	2.9	-	1.3	-	.9	-
2042	Prepared feeds for animals and fowls	3.4	-	3.1	-	4.0	-	2.3	-	1.0	-
205	Bakery products	2.9	-	2.5	-	3.0	-	1.7	-	.8	-
2051	Bread, cake, and related products	2.6	-	2.3	-	3.0	-	1.8	-	.6	-
2052	Cookies and crackers	4.3	-	3.3	-	3.4	-	1.4	-	1.3	-
207	Confectionery and related products	6.2	-	3.6	-	5.5	-	2.1	-	2.5	-
2071	Confectionery products	7.1	-	4.4	-	6.4	-	2.5	-	2.9	-
208	Beverages	3.8	-	2.6	-	4.9	-	2.1	-	1.9	-
2082	Malt liquors	2.8	-	1.2	-	4.5	-	.5	-	3.2	-
21	TOBACCO MANUFACTURES	3.8	-	3.0	-	3.0	-	1.2	-	1.2	-
211	Cigarettes	.2	-	.1	-	.6	-	.1	-	(¹)	-
212	Cigars	3.3	-	2.5	-	3.0	-	1.9	-	.6	-
22	TEXTILE MILL PRODUCTS	4.2	3.4	3.2	2.5	4.8	4.0	2.7	1.9	1.2	1.3
221	Weaving mills, cotton	4.1	-	3.1	-	4.3	-	2.9	-	.3	-
222	Weaving mills, synthetics	4.0	-	3.4	-	4.1	-	2.9	-	.4	-
223	Weaving and finishing mills, wool	3.9	-	2.7	-	6.4	-	2.5	-	3.2	-
224	Narrow fabric mills	3.6	-	2.9	-	5.1	-	2.7	-	1.6	-
225	Knitting mills	4.1	-	3.0	-	5.5	-	2.6	-	2.0	-
2251	Women's hosiery, except socks	4.0	-	3.4	-	4.9	-	2.7	-	1.3	-
2252	Hosiery, nec	3.4	-	2.9	-	4.4	-	2.8	-	1.0	-
2254	Knit underwear mills	3.9	-	3.2	-	4.2	-	2.6	-	.8	-
226	Textile finishing, except wool	2.8	-	2.0	-	3.9	-	1.6	-	1.4	-
227	Floor covering mills	4.7	-	3.4	-	4.2	-	2.4	-	.7	-
228	Yarn and thread mills	5.2	-	4.2	-	5.4	-	3.5	-	.8	-
229	Miscellaneous textile goods	4.0	-	2.8	-	4.3	-	1.7	-	1.6	-
23	APPAREL AND OTHER TEXTILE PRODUCTS	5.1	4.1	3.5	2.6	5.9	5.3	3.0	2.0	2.0	2.5
231	Men's and boys' suits and coats	4.0	-	2.9	-	4.4	-	1.9	-	1.8	-
232	Men's and boys' furnishings	4.8	-	3.9	-	6.0	-	3.8	-	1.4	-
2321	Men's and boys' shirts and nightwear	4.5	-	3.4	-	5.2	-	3.4	-	1.0	-
2327	Men's and boys' separate trousers	3.6	-	3.1	-	5.4	-	3.5	-	1.2	-
2328	Men's and boys' work clothing	6.9	-	5.9	-	6.6	-	5.0	-	.6	-
234	Women's and children's undergarments	5.4	-	4.0	-	5.7	-	3.6	-	1.2	-
2341	Women's and children's underwear	6.0	-	4.5	-	6.4	-	4.3	-	1.3	-
2342	Corsets and allied garments	3.6	-	2.5	-	3.6	-	1.7	-	1.0	-
26	PAPER AND ALLIED PRODUCTS	2.4	2.0	1.7	1.3	2.9	2.5	1.1	.8	1.1	1.2
261,2,6	Paper and pulp mills	1.3	-	.9	-	1.9	-	.6	-	.8	-
263	Paperboard mills	1.6	-	1.2	-	1.6	-	.8	-	.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p
	NONDURABLE GOODS—Continued										
	PAPER AND ALLIED PRODUCTS—Continued										
264	Miscellaneous converted paper products	2.9	-	2.1	-	3.8	-	1.4	-	1.7	-
2643	Bags, except textile bags	3.3	-	2.8	-	3.8	-	1.6	-	1.3	-
265	Paperboard containers and boxes	3.3	-	2.4	-	3.4	-	1.4	-	1.2	-
2651,2	Folding and setup paperboard boxes	4.0	-	3.1	-	3.8	-	1.5	-	1.4	-
2653	Corrugated and solid fiber boxes	2.7	-	2.2	-	2.8	-	1.3	-	1.7	-
27	PRINTING AND PUBLISHING	3.0	2.8	2.5	2.1	3.1	2.7	1.7	1.4	.8	0.8
28	CHEMICALS AND ALLIED PRODUCTS	1.6	1.3	1.2	1.0	1.6	1.4	.6	.4	.5	.6
281	Industrial chemicals	1.2	-	.9	-	1.1	-	.4	-	.3	-
282	Plastics materials and synthetics	1.4	-	.8	-	1.7	-	.5	-	.8	-
2821	Plastics materials and resins	1.4	-	1.1	-	1.5	-	.5	-	.5	-
2823,4	Synthetic fibers	1.3	-	.5	-	1.9	-	.5	-	1.1	-
283	Drugs	1.5	-	1.3	-	1.3	-	.7	-	.2	-
2834	Pharmaceutical preparations	1.5	-	1.4	-	1.4	-	.7	-	.3	-
284	Soap, cleaners, and toilet goods	2.7	-	2.3	-	2.5	-	.9	-	.7	-
2841	Soap and other detergents	1.6	-	1.2	-	1.6	-	.3	-	.6	-
2844	Toilet preparations	4.1	-	3.6	-	3.6	-	1.5	-	1.0	-
285	Paints and allied products	1.6	-	1.3	-	2.0	-	.9	-	.6	-
286,9	Other chemical products	2.2	-	1.6	-	2.2	-	.8	-	.7	-
29	PETROLEUM AND COAL PRODUCTS	1.7	1.8	1.4	1.6	1.8	2.6	.6	.4	.7	1.6
291	Petroleum refining	1.4	-	1.3	-	1.3	-	.3	-	.6	-
295,9	Other petroleum and coal products	2.5	-	2.0	-	3.5	-	1.6	-	1.1	-
30	RUBBER AND PLASTICS PRODUCTS, NEC	4.6	3.6	3.5	2.5	4.7	3.8	2.2	1.5	1.4	1.4
301	Tires and inner tubes	2.3	-	1.3	-	1.3	-	.5	-	.2	-
302,3,6	Other rubber products	4.3	-	3.5	-	4.0	-	1.9	-	1.0	-
307	Miscellaneous plastics products	5.5	-	4.2	-	6.1	-	2.9	-	2.1	-
31	LEATHER AND LEATHER PRODUCTS	5.8	2.9	3.9	1.9	7.2	5.5	3.6	2.5	2.4	2.0
311	Leather tanning and finishing	2.7	-	1.9	-	5.1	-	1.6	-	2.7	-
314	Footwear, except rubber	6.2	-	4.0	-	7.6	-	4.0	-	2.4	-
	NONMANUFACTURING										
10	METAL MINING	2.6	1.6	2.0	1.3	2.7	1.2	1.1	.5	.6	.1
101	Iron ores	2.2	-	.9	-	3.2	-	.5	-	1.3	-
102	Copper ores	2.4	-	1.8	-	2.0	-	.8	-	.4	-
11,12	COAL MINING	1.9	1.5	1.5	1.2	1.5	1.3	.9	.5	.3	.4
12	Bituminous coal and lignite mining	1.9	-	1.5	-	1.5	-	.8	-	.3	-
	COMMUNICATION:										
481	Telephone communication .....	.7	-	-	-	.7	-	.3	-	.1	-
482	Telegraph communication ²	(*)	-	-	-	(*)	-	(*)	-	(*)	-

¹ Less than 0.05.

² Data relate to all employees except messengers.

^p = preliminary.
* = Not available.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED LABOR TURNOVER

D-3. Labor turnover rates in manufacturing, 1965 to date, seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1965	4.1	4.2	4.3	4.1	4.1	4.2	4.2	4.3	4.5	4.4	4.7	4.9
1966	4.9	5.0	5.3	5.1	5.0	4.9	4.9	5.0	5.0	4.9	4.7	4.7
1967	4.5	4.4	4.3	4.3	4.4	4.5	4.4	4.3	4.4	4.4	4.5	4.6
1968	4.4	4.4	4.6	4.6	4.6	4.5	4.5	4.7	4.6	4.8	4.9	4.9
1969	4.9	4.8	4.9	4.9	4.7	5.0	4.7	4.5	4.7	4.6	4.5	4.6
1970	4.4	4.4	4.0	4.0	4.1	4.1	4.1	3.9	3.9	3.8	3.7	3.8
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	4.3	4.4	4.2	4.3	4.4	4.4	4.5	4.5	4.9
1973	5.0	5.1	5.0	4.8	4.7	4.6	4.6	4.7	4.6	4.8	4.9	4.7
1974	4.6	4.5	4.5	4.6	4.6	4.3	4.3	4.1	3.9	3.6	3.1	3.1
1975	3.1	3.2	3.2	3.7	3.6	3.7	4.0	3.9	3.8	3.7	3.7	3.9
1976	4.1	4.2	4.4	4.1	4.0	3.8	3.8	3.8	3.6	3.5	3.7 ^P	
1977												
New hires												
1965	2.9	3.0	3.1	2.9	2.9	3.0	3.0	3.1	3.1	3.3	3.5	3.7
1966	3.7	3.8	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.9	3.7	3.6
1967	3.4	3.4	3.2	3.1	3.1	3.3	3.2	3.1	3.3	3.3	3.4	3.5
1968	3.3	3.3	3.4	3.5	3.5	3.4	3.4	3.5	3.6	3.6	3.6	3.7
1969	3.7	3.8	3.9	3.8	3.7	3.9	3.6	3.5	3.7	3.6	3.5	3.5
1970	3.4	3.2	2.9	2.8	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4
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	3.0	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.6	3.8
1973	4.0	4.2	4.1	3.9	3.9	3.8	3.7	3.7	3.6	3.8	3.9	3.8
1974	3.7	3.6	3.6	3.6	3.5	3.3	3.3	3.1	2.9	2.6	2.2	1.9
1975	1.6	1.6	1.5	1.7	1.8	1.9	2.3	2.3	2.2	2.2	2.2	2.5
1976	2.6	2.8	3.0	2.8	2.7	2.7	2.5	2.5	2.4	2.3	2.4 ^P	
1977												
Total separations												
1965	3.8	3.8	3.8	4.0	4.0	4.0	3.9	4.4	4.1	4.3	4.3	4.5
1966	4.3	4.3	4.5	4.5	4.6	4.7	4.9	4.8	4.6	4.6	4.8	4.9
1967	4.8	4.9	4.9	4.7	4.6	4.6	4.5	4.3	4.5	4.5	4.4	4.5
1968	4.7	4.6	4.5	4.5	4.4	4.5	4.6	4.7	4.7	4.6	4.6	4.6
1969	4.6	4.9	4.9	4.8	4.8	5.0	4.8	4.9	4.9	5.0	4.9	4.9
1970	5.0	5.2	4.9	5.2	5.0	4.8	4.5	4.8	4.8	5.0	4.7	4.4
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	4.0	4.3	4.2	4.5	4.4	4.1	4.0	4.2	4.2	4.5
1973	4.5	4.6	4.6	4.5	4.6	4.6	4.7	4.6	4.5	4.7	4.7	4.7
1974	4.9	4.9	4.8	4.7	4.6	4.6	4.5	4.5	4.5	4.9	5.1	4.9
1975	5.2	5.0	4.5	4.4	4.6	4.3	3.9	3.8	3.9	3.8	3.8	3.6
1976	3.5	3.6	3.8	3.8	3.8	3.9	3.9	4.0	4.1	4.0	3.6 ^P	
1977												
Quits												
1965	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7
1967	2.5	2.5	2.4	2.4	2.3	2.4	2.2	2.2	2.3	2.3	2.3	2.4
1968	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.6	2.6
1969	2.7	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6
1970	2.5	2.5	2.3	2.3	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.9
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	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.6
1973	2.7	2.9	2.8	2.8	2.7	2.7	2.8	2.7	2.6	2.8	2.8	2.7
1974	2.7	2.7	2.7	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.8	1.6
1975	1.4	1.3	1.2	1.2	1.3	1.3	1.4	1.4	1.3	1.4	1.6	1.6
1976	1.6	1.7	1.8	1.8	1.7	1.8	1.7	1.7	1.6	1.5	1.5 ^P	
1977												
Layoffs												
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.4	1.4	1.4
1966	1.2	1.1	1.1	1.1	1.1	1.2	1.5	1.2	1.0	1.1	1.2	1.3
1967	1.4	1.5	1.6	1.5	1.4	1.3	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.1	1.1
1969	1.0	1.1	1.1	1.0	1.1	1.3	1.1	1.2	1.2	1.3	1.3	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.6	1.9	1.9	2.2	2.0	1.7
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	1.1	1.4	1.3	1.1	1.0	1.0	.9	.9
1973	.8	.7	.8	.8	.8	.8	1.1	.9	.9	.9	.9	1.0
1974	1.3	1.2	1.1	1.0	1.1	1.2	1.2	1.3	1.5	2.0	2.4	2.4
1975	2.9	2.9	2.6	2.4	2.5	2.2	1.7	1.6	1.8	1.7	1.5	1.3
1976	1.1	1.0	1.1	1.2	1.3	1.3	1.4	1.4	1.7	1.6	1.3 ^P	
1977												

p=preliminary.

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		Total		Quits		Layoffs		
	Sept. 1976	Oct. 1976 ^P	Sept. 1976	Oct. 1976 ^P	Sept. 1976	Oct. 1976 ^P	Sept. 1976	Oct. 1976 ^P	Sept. 1976	Oct. 1976 ^P	
ALABAMA:											
Birmingham	3.1	1.9	1.8	1.1	3.1	2.9	1.3	0.9	1.1	1.4	
Mobile ¹	7.5	6.5	3.9	3.3	6.8	7.4	3.1	2.3	3.0	4.2	
ALASKA	14.2	10.2	12.3	9.6	22.1	15.6	11.8	9.9	8.6	4.7	
ARIZONA	5.5	4.2	3.8	3.4	3.9	4.1	2.2	1.9	.7	1.2	
Phoenix	4.8	4.3	3.5	3.4	3.6	3.8	2.0	1.8	.7	1.0	
ARKANSAS	6.9	5.7	5.9	4.8	6.6	6.2	4.7	3.8	.8	1.3	
Fort Smith	8.4	5.6	6.5	4.0	6.9	5.2	3.9	3.4	.7	.3	
Little Rock—North Little Rock	5.4	5.4	4.8	4.4	7.1	5.2	3.8	3.1	2.0	1.1	
Pine Bluff	5.3	5.1	4.5	4.5	6.9	4.6	4.4	3.7	2.0	.5	
COLORADO	4.2	6.7	3.3	4.0	4.8	4.2	3.2	2.3	.8	1.0	
Denver—Boulder	3.7	3.1	3.1	2.6	6.8	3.6	2.9	2.4	2.3	.5	
CONNECTICUT	2.6	2.2	1.9	1.6	2.9	2.7	1.5	1.0	.6	1.0	
Hartford	1.4	1.5	.9	1.1	1.9	2.4	.9	.9	.4	.7	
DELAWARE¹	2.3	2.2	1.1	1.1	2.7	2.3	1.1	.8	.8	.9	
Wilmington ¹	2.3	2.1	1.1	.9	3.1	2.1	1.1	.8	1.2	.7	
DISTRICT OF COLUMBIA:											
Washington SMSA	2.3	1.6	2.1	1.5	2.1	1.5	1.6	.7	.1	.2	
FLORIDA	5.3	(*)	4.2	(*)	4.8	(*)	3.0	(*)	.8	(*)	
Fort Lauderdale—Hollywood	6.4	(*)	5.6	(*)	5.7	(*)	3.3	(*)	1.3	(*)	
Jacksonville	4.3	(*)	3.3	(*)	4.9	(*)	2.3	(*)	1.1	(*)	
Miami	5.3	(*)	4.4	(*)	4.5	(*)	2.7	(*)	.8	(*)	
Orlando	5.6	(*)	3.8	(*)	3.9	(*)	2.5	(*)	.4	(*)	
Pensacola	1.5	(*)	1.4	(*)	2.6	(*)	1.8	(*)	.4	(*)	
Tampa—St. Petersburg	6.3	(*)	4.6	(*)	6.1	(*)	3.4	(*)	1.5	(*)	
West Palm Beach—Boca Raton	3.3	(*)	2.6	(*)	3.1	(*)	2.1	(*)	.4	(*)	
GEORGIA	4.5	4.0	3.8	3.2	5.0	4.1	3.3	2.6	.8	.7	
Atlanta ²	3.0	2.7	2.4	2.1	3.6	3.0	2.1	1.5	.7	.8	
HAWAII³	2.2	1.8	1.7	1.6	2.6	1.9	1.1	.9	.6	.4	
IDAHO^{4 5}	5.3	3.1	4.9	2.7	7.4	4.9	4.2	3.1	2.0	1.0	
ILLINOIS:											
Chicago SMSA	3.4	2.9	2.9	2.3	3.4	3.2	1.9	1.5	.5	.7	
INDIANA	3.3	2.8	2.1	1.6	3.5	3.4	1.5	1.0	1.1	1.3	
Indianapolis ⁶	2.4	1.7	1.4	.8	2.7	2.6	1.1	.8	.6	.9	
IOWA	4.3	3.4	3.5	2.8	4.0	4.2	2.5	2.0	.7	1.3	
Cedar Rapids	3.1	3.5	1.6	1.9	5.4	4.7	1.3	1.0	3.4	3.2	
Des Moines	4.4	3.1	3.5	2.3	4.1	3.5	2.8	1.6	.2	.4	
KANSAS	5.8	4.8	5.2	4.3	5.4	4.7	3.5	2.9	.8	.8	
Topeka	2.8	2.4	2.6	2.1	4.4	2.9	1.8	1.6	1.2	.7	
Wichita	5.7	5.4	5.1	5.0	5.1	4.5	3.0	2.8	.9	.8	
KENTUCKY	3.7	3.0	2.4	1.8	4.1	3.6	1.7	1.3	1.2	1.4	
Louisville	3.0	2.0	1.3	1.1	3.9	2.7	1.0	.6	1.4	1.1	
LOUISIANA											
New Orleans	4.2	3.7	3.5	3.2	4.1	4.4	2.6	1.9	.4	1.4	
MAINE	6.7	5.1	4.9	3.8	8.6	6.4	4.7	2.9	2.9	2.6	
Portland	3.5	2.9	2.7	2.3	5.0	3.4	2.9	1.9	1.5	1.0	
MARYLAND	3.0	2.5	2.1	1.5	3.7	3.1	1.5	1.0	1.4	1.5	
Baltimore	2.6	2.3	1.7	1.3	3.7	3.0	1.3	.9	1.6	1.5	
MASSACHUSETTS	3.8	3.3	2.9	2.4	4.2	3.8	2.2	1.5	1.2	1.5	
Boston	3.0	2.9	2.3	2.1	3.8	3.6	1.9	1.3	1.3	1.7	
MICHIGAN	2.9	2.4	1.9	1.7	2.5	2.4	1.3	.9	.4	.6	
Detroit	3.2	2.5	2.0	1.5	3.0	2.5	1.2	.8	1.0	.9	
Flint	2.2	1.7	1.8	1.3	2.6	2.0	.5	.4	1.1	.1	
Grand Rapids	4.6	3.1	3.0	1.6	5.2	2.7	2.1	.8	2.1	1.1	
Lansing—East Lansing	2.2	2.4	1.9	1.8	2.2	1.6	1.0	.6	.3	.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		Total		Quits		Layoffs	
	Sept. 1976	Oct. 1976 P	Sept. 1976	Oct. 1976 P	Sept. 1976	Oct. 1976 P	Sept. 1976	Oct. 1976 P	Sept. 1976	Oct. 1976 P
MINNESOTA	4.4	3.4	3.6	2.8	5.4	4.7	3.3	1.9	1.4	2.2
Minneapolis—St. Paul	3.1	2.8	2.6	2.2	3.9	3.2	2.5	1.6	.7	1.0
MISSISSIPPI:										
Jackson	4.0	3.1	3.5	2.4	3.1	3.7	2.0	1.7	.5	1.5
MISSOURI	3.8	3.1	2.9	2.4	3.9	3.6	2.0	1.6	1.1	1.2
Kansas City	3.4	2.7	2.8	2.2	3.3	3.3	1.8	1.7	.7	.9
St. Louis	3.1	2.3	2.2	1.7	3.1	3.0	1.2	.9	1.1	1.5
MONTANA	5.4	4.4	5.0	4.0	4.4	3.1	3.3	1.8	.4	.5
NEBRASKA	4.4	4.5	3.9	3.6	4.3	4.1	3.0	2.6	.5	.8
NEVADA	6.2	7.9	5.4	6.8	5.9	8.1	3.9	4.7	.3	1.4
NEW HAMPSHIRE	4.9	4.4	4.1	3.6	5.1	4.5	3.8	2.7	.5	1.1
NEW JERSEY:										
Camden ⁷	3.2	2.3	2.3	1.4	4.0	2.7	1.6	.6	1.3	1.2
Hackensack	4.3	3.2	3.4	2.4	4.4	4.0	2.3	1.3	.9	1.8
Jersey City	4.4	2.4	2.8	1.6	3.4	4.9	1.4	1.0	1.1	3.0
Newark	3.4	2.6	2.5	1.9	3.7	3.0	1.7	.9	1.3	1.2
New Brunswick—Perth Amboy—Sayreville	4.0	2.8	3.1	2.0	5.2	3.9	1.9	1.0	1.7	2.1
Paterson—Clifton—Passaic	3.7	2.6	2.6	1.7	4.0	2.9	1.4	.9	1.6	1.2
Trenton	3.3	2.7	2.5	2.2	2.9	2.4	1.5	1.0	.7	.6
NEW YORK	4.6	3.4	2.8	2.1	4.1	3.9	1.7	1.2	1.5	1.9
Albany—Schenectady—Troy	3.1	2.4	2.0	1.6	2.8	3.0	1.2	.9	.6	1.1
Binghamton	2.6	1.7	2.1	1.3	2.4	2.1	1.5	.8	.2	.8
Buffalo	3.7	2.2	1.9	1.2	2.8	3.0	1.2	.5	.9	1.7
Elmira	7.3	2.9	1.9	2.2	3.4	2.5	1.3	.8	1.0	.8
Monroe County ⁸	2.3	2.1	1.7	1.7	3.0	2.0	2.2	1.2	.3	.4
Nassau—Suffolk ⁹	4.9	4.7	4.1	3.2	5.2	4.0	2.8	1.8	1.4	1.2
New York and Nassau—Suffolk	5.4	4.2	3.5	2.7	4.6	4.6	1.8	1.3	1.9	2.4
New York SMSA ⁹	5.6	4.1	3.3	2.6	4.5	4.8	1.6	1.2	2.0	2.6
New York City ¹⁰	5.6	4.2	3.4	2.6	4.7	5.1	1.6	1.2	2.2	2.9
Rochester	3.6	2.8	2.6	2.1	4.0	2.5	2.6	1.6	.9	.4
Syracuse	2.3	2.0	1.5	1.4	2.9	3.0	1.2	1.1	1.1	1.2
Utica—Rome	3.7	2.6	1.6	1.3	3.3	2.4	1.0	.6	1.7	1.3
Westchester County ¹⁰	5.7	3.4	2.7	2.2	3.1	2.6	1.5	1.2	.8	.7
NORTH CAROLINA	5.0	4.0	4.0	3.3	4.8	3.9	3.4	2.6	.5	.5
Charlotte—Gastonia	4.4	3.5	3.8	3.1	4.5	3.7	3.4	2.6	.3	.3
Greensboro—Winston-Salem—High Point	4.9	3.8	4.2	3.3	4.6	3.7	3.3	2.5	.4	.4
NORTH DAKOTA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Fargo—Moorhead	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
OHIO	2.8	2.1	1.9	1.2	3.7	3.8	1.7	.9	1.1	2.1
Akron	2.0	1.3	.8	.6	2.1	1.8	.7	.5	.9	.8
Canton	2.5	2.0	1.1	.8	3.9	3.5	1.5	.8	1.2	1.6
Cincinnati	2.5	1.9	1.9	1.4	3.0	2.8	1.7	.8	.6	1.1
Cleveland	2.7	2.3	1.9	1.6	3.2	2.8	1.7	1.0	.7	.9
Columbus	2.2	2.2	1.6	1.6	2.6	3.5	1.3	1.0	.5	1.8
Dayton	2.1	1.9	1.6	1.4	2.6	2.4	1.2	.9	.4	.6
Toledo	2.8	2.0	1.8	1.4	3.0	2.4	1.5	.7	.7	.9
Youngstown—Warren	2.2	2.1	.4	.5	4.4	4.8	.6	.4	2.6	3.5
OKLAHOMA	5.8	4.8	5.1	4.1	5.5	4.8	3.9	3.2	.6	.6
Oklahoma City	5.9	4.8	4.6	3.9	4.7	4.2	3.1	2.8	.6	.6
Tulsa ¹¹	5.6	4.6	5.1	3.9	5.9	4.7	3.9	3.0	.8	.7
OREGON ¹	5.2	4.9	4.3	3.7	6.2	5.3	4.1	2.6	1.0	1.7
Portland ¹	5.1	4.8	4.0	3.5	5.4	5.2	3.4	2.5	1.1	1.9
PENNSYLVANIA	3.1	2.5	1.7	1.3	3.7	3.7	1.4	.8	1.6	2.2
Allentown—Bethlehem—Easton	3.0	2.0	1.5	.9	3.6	2.4	1.3	.7	1.8	1.2
Altoona	4.0	1.8	2.4	1.1	4.7	3.3	2.5	1.2	1.5	1.7
Erie	3.3	2.4	2.0	.8	3.0	4.7	1.3	.8	.7	3.1
Harrisburg	2.7	2.3	1.9	1.4	3.2	3.0	1.9	.9	.9	1.4
Johnstown	2.7	7.1	.8	.4	6.0	3.6	1.0	.6	3.8	1.8
Lancaster	2.6	2.4	2.1	1.9	3.3	2.4	2.2	1.4	.5	.5

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		Total		Quits		Layoffs	
	Sept. 1976	Oct. 1976 ^P	Sept. 1976	Oct. 1976 ^P	Sept. 1976	Oct. 1976 ^P	Sept. 1976	Oct. 1976 ^P	Sept. 1976	Oct. 1976 ^P
PENNSYLVANIA—Continued										
Northeast Pennsylvania	4.7	3.9	1.8	1.2	5.1	5.4	1.4	1.1	3.0	3.8
Philadelphia SMSA	3.0	2.5	2.0	1.6	3.3	3.1	1.4	.8	1.1	1.6
Pittsburgh	2.5	1.8	1.0	.6	3.7	4.5	1.1	.4	1.8	3.3
Reading	4.4	3.3	2.6	2.2	3.7	3.1	1.9	1.1	.9	1.3
Scranton	3.1	2.7	1.9	1.3	4.1	3.6	1.4	1.0	2.2	2.3
Wilkes-Barre—Hazleton ¹²	5.3	4.4	1.6	1.0	5.6	6.3	1.4	1.2	3.4	4.3
Williamsport	3.1	1.8	1.4	1.1	5.1	4.5	1.1	.9	3.6	3.2
York	5.8	3.5	3.1	2.7	3.9	3.5	2.3	1.6	.9	1.2
RHODE ISLAND										
Providence—Warwick—Pawtucket	6.6	5.6	5.0	4.5	6.2	4.9	4.0	2.6	1.1	1.4
	7.0	5.7	4.3	4.7	6.4	4.8	4.4	2.7	1.0	1.2
SOUTH CAROLINA:										
Greenville—Spartanburg ⁵	5.0	4.8	4.4	4.1	5.0	4.5	3.5	3.1	.3	.2
SOUTH DAKOTA										
Sioux Falls	4.7	4.9	4.5	4.4	6.3	3.5	3.8	2.6	1.6	.2
	3.4	4.4	3.3	4.1	3.6	2.5	2.4	1.6	(¹³)	(¹³)
TENNESSEE:										
Memphis	4.6	3.8	3.3	2.4	4.7	3.3	2.3	1.4	1.3	.9
TEXAS:										
Dallas—Fort Worth	5.1	4.4	4.9	4.0	5.2	4.2	3.4	2.8	.5	.4
Houston	4.4	3.7	4.0	3.3	4.4	3.7	3.0	2.4	.5	.4
San Antonio	4.6	4.1	4.2	3.7	4.6	4.2	3.3	2.6	.4	.9
UTAH⁴										
Salt Lake City—Ogden ⁴	5.5	4.3	4.7	3.7	6.3	4.3	4.4	3.0	.8	.5
	5.2	4.0	4.8	3.6	6.4	4.0	4.4	2.9	.8	.3
VERMONT										
Burlington	3.8	4.2	2.3	2.1	4.2	4.2	1.9	1.4	1.7	2.0
Springfield	2.1	3.1	1.5	2.4	1.9	1.6	.7	.6	.8	.6
	3.9	3.2	1.4	1.1	3.7	3.2	.8	.3	2.5	2.1
VIRGINIA										
Richmond	4.1	3.3	3.2	2.6	3.8	3.0	2.4	1.6	.6	.6
	2.2	2.2	1.9	1.8	2.6	2.3	1.5	1.0	.2	.6
WASHINGTON:										
Seattle—Everett ¹⁴	4.0	3.7	2.6	2.1	3.8	3.7	2.0	1.4	1.2	1.7
WISCONSIN										
Milwaukee	3.8	2.5	2.6	1.6	4.7	3.7	2.2	1.1	1.7	1.8
	3.0	2.5	2.2	1.4	3.2	2.9	1.6	.9	.7	1.0
WYOMING										
	8.7	7.7	6.3	5.4	7.2	5.4	5.1	3.1	.7	1.1

¹ Excludes canning and preserving.

² Excludes agricultural chemicals, and miscellaneous manufacturing.

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

⁴ Excludes canning and preserving, and sugar.

⁵ Based on the 1972 Standard Industrial Classification.

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 Less than 0.05.

¹⁴ Excludes canning and preserving, printing and publishing.

^P Not available.

^P preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

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	
	OCT. 1976	NOV. 1976	OCT. 1976	NOV. 1976	OCT. 1976	NOV. 1976
ALABAMA	1,479.4	1,467.8	92.4	93.1	6.2	6.3
Birmingham	347.4	346.3	21.0	20.1	6.1	5.8
Huntsville	122.8	121.3	8.7	8.4	7.1	6.9
Mobile	162.5	161.7	10.0	10.4	6.1	6.4
Montgomery	102.8	102.0	5.3	5.2	5.1	5.1
Tuscaloosa	51.1	51.2	2.7	2.9	5.2	5.6
ALASKA	198.1	184.2	17.8	20.7	9.0	11.2
ARIZONA	872.9	879.5	56.2	54.0	6.4	6.1
Phoenix	508.7	512.4	32.8	30.4	6.4	5.9
Tucson	167.7	168.4	8.9	8.6	5.3	5.1
ARKANSAS	862.7	865.6	44.2	48.6	5.1	5.6
Fayetteville-Springdale	61.4	61.7	2.3	2.8	3.8	4.6
Fort Smith ¹	74.3	74.3	5.1	5.1	6.8	6.8
Little Rock-North Little Rock	160.5	159.9	7.1	7.2	4.4	4.5
Pine Bluff	32.2	31.7	2.0	2.1	6.3	6.6
CALIFORNIA	9,540.2	9,485.8	632.6	650.6	8.7	9.0
Anaheim-Santa Ana-Garden Grove	824.4	827.5	49.1	47.9	6.0	5.8
Bakersfield	144.0	143.4	11.3	13.8	7.8	9.6
Fresno	214.5	204.8	15.2	17.8	7.1	8.7
Los Angeles-Long Beach	3,224.8	3,224.6	269.7	265.3	8.4	8.2
Modesto	110.3	107.3	11.1	15.6	10.1	14.5
Oxnard-Simi Valley-Ventura	175.1	174.4	14.3	15.5	8.2	8.9
Riverside-San Bernardino-Ontario	489.6	494.3	42.8	44.4	8.7	9.0
Sacramento	380.3	378.9	33.7	34.1	8.9	9.0
Salinas-Seaside-Monterey	101.1	98.0	6.8	8.2	6.7	8.4
San Diego	637.2	637.3	68.7	68.0	10.8	10.7
San Francisco-Oakland	1,480.1	1,473.9	159.2	155.5	10.8	10.6
San Jose	597.9	594.3	43.4	43.6	7.3	7.3
Santa Barbara-Santa Maria-Lompoc	118.0	118.7	8.3	9.1	7.0	7.6
Santa Rosa	102.8	99.1	9.8	9.7	9.5	9.8
Stockton	134.7	130.8	12.7	14.6	9.4	11.2
Vallejo-Fairfield-Napa	104.6	103.5	7.7	9.0	7.4	8.7
COLORADO	1,185.4	1,175.2	63.6	70.9	5.4	6.0
Denver-Boulder	695.0	700.2	43.4	48.2	6.2	6.9
CONNECTICUT	1,451.1	1,449.3	119.6	117.7	8.2	8.1
Bridgeport	181.4	180.5	17.2	16.6	9.5	9.2
Hartford	342.5	340.2	25.0	24.5	7.3	7.2
New Britain	69.1	69.1	6.5	6.1	9.5	8.8
New Haven-West Haven	194.8	194.3	17.9	17.3	9.2	8.9
Stamford	106.0	106.2	6.7	7.1	6.3	6.6
Waterbury	104.0	104.8	9.5	9.5	9.2	9.0
DELAWARE	247.2	248.3	18.0	18.9	7.3	7.6
Wilmington ¹	223.4	225.3	16.5	17.9	7.4	8.0
DISTRICT OF COLUMBIA	345.1	344.9	24.6	23.8	7.1	6.9
Washington SMSA ¹	1,454.5	1,454.6	74.6	72.3	5.1	5.0
FLORIDA	3,325.3	3,377.6	319.9	310.8	9.6	9.2
Fort Lauderdale-Hollywood	318.6	324.6	36.2	35.5	11.4	10.9
Jacksonville	290.9	292.9	20.0	20.3	6.9	6.9
Miami	673.0	678.5	65.9	62.9	9.8	9.3
Orlando	258.1	259.8	24.9	24.3	9.6	9.3
Pensacola	103.0	103.9	6.7	6.8	6.5	6.6
Tampa-St. Petersburg	520.0	523.4	53.1	51.5	10.2	9.8
West Palm Beach-Boca Raton	181.3	188.5	20.3	19.2	11.2	10.2
GEORGIA	2,123.4	2,094.2	125.6	122.0	5.9	5.8
Atlanta	796.1	797.1	53.8	51.7	6.8	6.5
Augusta ¹	118.7	120.0	6.8	7.4	5.8	6.2
Columbus ¹	84.7	84.6	4.9	4.8	5.7	5.7
Macon	96.0	96.0	6.6	6.5	6.9	6.8
Savannah	80.5	80.9	4.4	4.2	5.5	5.2

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	
	OCT. 1976	NOV. 1976	OCT. 1976	NOV. 1976	OCT. 1976	NOV. 1976
HAWAII	361.2	362.5	31.7	31.0	8.8	8.5
Honolulu	289.8	290.9	25.2	24.3	8.7	8.4
IDAHO	391.2	387.2	17.7	20.8	4.5	5.4
Boise City	74.6	74.7	2.5	3.0	3.4	4.0
ILLINOIS	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bloomington—Normal	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Champaign—Urbana—Rantoul	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Chicago	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Davenport—Rock Island—Moline ¹	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Decatur	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Peoria	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Rockford	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Springfield	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
INDIANA	2,378.7	2,367.3	109.9	106.7	4.6	4.5
Evansville ¹	122.7	121.6	5.7	5.1	4.6	4.2
Fort Wayne	173.6	173.7	7.6	7.0	4.4	4.0
Gary—Hammond—East Chicago	274.6	273.1	16.1	15.9	5.9	5.8
Indianapolis	524.0	521.7	20.3	19.1	3.9	3.7
Muncie	53.8	54.0	2.5	2.5	4.6	4.6
South Bend	130.4	130.0	6.2	6.0	4.7	4.6
Terre Haute	76.0	75.5	3.5	3.5	4.6	4.7
IOWA	1,335.4	1,311.9	51.1	52.8	3.8	4.0
Cedar Rapids	77.2	77.2	3.0	3.0	3.8	3.9
Des Moines	160.4	159.5	7.3	7.2	4.6	4.5
Dubuque	40.7	40.5	2.3	2.2	5.8	5.4
Sioux City ¹	55.1	55.2	2.1	2.4	3.8	4.3
Waterloo—Cedar Falls	61.3	60.6	3.5	3.3	5.8	5.5
KANSAS	1,069.6	1,067.4	38.9	40.7	3.6	3.8
Topeka	83.3	83.2	3.5	3.4	4.2	4.1
Wichita	189.7	190.2	8.6	8.9	4.6	4.7
KENTUCKY	1,445.3	1,430.5	74.3	77.4	5.1	5.4
Lexington—Fayette	152.3	147.4	4.4	4.5	2.9	3.1
Louisville ¹	382.1	382.0	24.6	24.3	6.4	6.4
LOUISIANA	1,471.7	1,451.0	105.3	109.7	7.2	7.6
Baton Rouge	174.2	173.3	11.6	12.0	6.6	6.9
Lake Charles	58.0	57.9	4.7	4.3	8.1	7.5
Monroe	46.9	46.3	3.7	3.7	7.8	8.1
New Orleans	432.6	432.2	35.4	36.5	8.2	8.5
Shreveport	139.5	138.7	9.9	10.3	7.1	7.5
MAINE	440.6	438.4	32.0	34.9	7.3	8.0
Lewiston—Auburn	34.1	34.0	2.2	2.5	6.5	7.4
Portland	77.8	78.2	5.4	5.7	6.9	7.3
MARYLAND	1,857.6	1,865.6	103.0	109.1	5.5	5.8
Baltimore	937.2	942.1	60.3	63.1	6.4	6.7
MASSACHUSETTS	2,631.2	2,624.2	160.5	149.3	6.1	5.7
Boston	1,287.8	1,285.9	79.8	72.9	6.2	5.7
Brockton	74.5	74.5	5.0	4.5	6.6	6.0
Fall River ¹	68.5	68.4	4.5	4.4	6.6	6.5
Lawrence—Haverhill ¹	122.4	121.2	9.6	8.6	7.8	7.1
Lowell ¹	99.5	99.8	6.2	6.2	6.3	6.2
New Bedford	74.3	73.6	5.7	5.5	7.6	7.5
Springfield—Chicopee—Holyoke ¹	255.3	255.9	13.6	12.7	5.3	5.0
Worcester	178.9	179.2	9.4	8.8	5.3	4.9
MICHIGAN	3,888.5	3,920.0	343.3	344.2	8.8	8.8
Ann Arbor	126.7	128.0	8.7	8.4	6.9	6.5
Battle Creek	80.0	80.4	6.6	6.4	8.2	8.0
Bay City	49.9	50.0	4.0	4.0	8.0	8.0
Detroit	1,834.9	1,856.0	172.8	171.8	9.4	9.3
Flint	207.5	210.2	17.0	16.6	8.2	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	
	OCT. 1976	NOV. 1976	OCT. 1976	NOV. 1976	OCT. 1976	NOV. 1976
MICHIGAN—Continued						
Grand Rapids	261.3	263.3	18.4	17.7	7.0	6.7
Jackson	64.3	64.3	6.1	5.9	9.5	9.1
Kalamazoo—Portage	124.8	125.5	8.6	8.2	6.9	6.5
Lansing—East Lansing	210.6	212.3	14.1	14.2	6.7	6.7
Muskegon—Norton Shores—Muskegon Heights	74.3	74.9	6.3	6.3	8.5	8.4
Saginaw	97.4	97.7	7.1	6.7	7.3	6.8
MINNESOTA	1,825.7	1,822.6	76.2	83.5	4.2	4.6
Duluth—Superior	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Minneapolis—St. Paul	979.8	986.1	50.6	52.8	5.2	5.4
MISSISSIPPI	935.2	911.6	50.6	50.0	5.4	5.5
Jackson	128.3	126.9	6.3	6.1	4.9	4.8
MISSOURI	2,068.5	2,032.7	92.2	92.7	4.5	4.6
Kansas City ¹	605.6	604.0	33.3	33.0	5.5	5.5
St. Joseph	44.3	42.8	1.7	1.9	3.9	4.4
St. Louis ¹	1,005.6	1,000.0	59.9	57.8	6.0	5.8
Springfield	90.5	89.9	2.6	2.9	2.9	3.2
MONTANA	317.0	320.1	16.9	20.4	5.3	6.4
Billings	49.0	49.5	2.0	2.2	4.0	4.4
Great Falls	32.4	33.0	1.8	2.0	5.6	6.2
NEBRASKA	702.7	713.9	27.0	29.4	3.8	4.1
Lincoln	99.2	100.0	3.0	3.4	3.0	3.4
Omaha ¹	251.7	252.3	15.5	15.2	6.2	6.0
NEVADA	302.5	299.6	23.0	23.4	7.6	7.8
Las Vegas	162.3	161.3	14.7	14.4	9.1	8.9
Reno	82.7	82.4	4.1	4.6	4.9	5.6
NEW HAMPSHIRE	373.1	370.7	10.4	11.5	2.8	3.1
Manchester	62.0	62.1	2.0	1.9	3.1	3.1
NEW JERSEY	3,175.6	3,178.3	260.0	255.4	8.2	8.0
Atlantic City	71.2	70.9	6.8	7.5	9.5	10.7
Jersey City	246.1	245.7	24.6	23.1	10.0	9.4
Long Branch—Asbury Park	201.1	200.2	14.5	14.1	7.2	7.1
Newark	876.3	879.9	68.1	67.4	7.8	7.7
New Brunswick—Perth Amboy—Sayreville	275.3	275.3	21.5	19.9	7.8	7.2
Paterson—Clifton—Passaic	196.3	195.7	18.4	17.4	9.4	8.9
Trenton	150.5	151.2	8.8	8.1	5.8	5.4
Vineland—Millville—Bridgeton	53.1	53.3	5.0	5.1	9.4	9.5
NEW MEXICO	460.4	456.6	30.4	30.5	6.6	6.7
Albuquerque	173.3	172.9	12.7	13.0	7.3	7.5
NEW YORK	7,480.8	7,467.9	629.1	637.5	8.4	8.5
Albany—Schenectady—Troy	341.4	342.9	23.1	24.2	6.8	7.1
Binghamton ¹	127.7	128.8	8.2	9.3	6.4	7.2
Buffalo	554.5	558.5	50.4	54.1	9.1	9.7
Elmira	40.9	41.1	3.0	3.3	7.4	8.0
Nassau—Suffolk	1,125.1	1,128.4	79.5	78.9	7.1	7.0
New York	3,467.3	3,473.4	327.7	319.1	9.5	9.2
Poughkeepsie	95.2	95.3	5.0	5.1	5.3	5.3
Rochester	457.0	457.1	27.3	28.7	6.0	6.3
Syracuse	285.2	285.3	21.4	21.5	7.5	7.5
Utica—Rome	127.1	125.1	11.6	12.3	9.1	9.8
NORTH CAROLINA	2,432.9	2,411.5	148.3	144.6	6.1	6.0
Asheville	75.0	74.8	3.7	3.9	4.9	5.2
Charlotte—Gastonia	297.1	298.8	15.3	16.4	5.2	5.5
Greensboro—Winston-Salem—High Point	377.9	377.9	19.2	19.1	5.1	5.1
Raleigh—Durham	239.9	241.3	9.0	9.3	3.7	3.8
NORTH DAKOTA	283.6	274.6	11.2	14.9	4.0	5.4
Fargo—Moorhead ¹	65.8	65.8	2.0	2.6	3.0	3.9

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	
	OCT. 1976	NOV. 1976	OCT. 1976	NOV. 1976	OCT. 1976	NOV. 1976
OHIO	4,709.6	4,688.4	297.3	309.5	6.3	6.6
Akron	285.0	285.9	19.7	20.1	6.9	7.0
Canton	177.3	177.5	12.7	13.7	7.2	7.7
Cincinnati ¹	607.8	606.9	40.8	41.4	6.7	6.8
Cleveland	885.5	882.9	49.4	50.8	5.6	5.8
Columbus	502.5	503.0	28.6	28.6	5.7	5.7
Dayton	352.6	354.0	18.9	18.8	5.4	5.3
Toledo ¹	336.5	336.7	20.4	21.4	6.1	6.4
Youngstown—Warren	231.8	232.2	19.8	23.5	8.5	10.1
OKLAHOMA	1,190.7	1,184.6	81.5	79.6	6.8	6.7
Oklahoma City	362.6	361.2	25.0	24.1	6.9	6.7
Tulsa	276.4	276.2	19.0	18.5	6.9	6.7
OREGON	1,078.1	1,070.9	84.5	90.5	7.8	8.5
Eugene—Springfield	111.3	111.7	9.9	10.7	8.9	9.5
Portland ¹	518.9	523.7	40.3	42.0	7.8	8.0
Salem	98.5	94.1	6.8	7.3	6.9	7.8
PENNSYLVANIA	5,041.0	5,044.0	378.0	393.0	7.5	7.8
Allentown—Bethlehem—Easton ¹	296.0	295.5	22.9	23.4	7.7	7.9
Altoona	54.5	54.3	3.8	3.9	7.0	7.3
Erie	120.1	117.8	10.6	10.3	8.8	8.7
Harrisburg	206.3	205.8	9.9	10.5	4.8	5.1
Johnstown	104.3	104.6	7.8	7.8	7.5	7.4
Lancaster	161.8	160.5	7.4	7.7	4.6	4.8
Northeast Pennsylvania	270.8	270.4	26.3	27.3	9.7	10.1
Philadelphia ¹	2,014.2	2,024.8	166.0	167.6	8.2	8.3
Pittsburgh	966.5	971.3	74.7	79.3	7.7	8.2
Reading	144.8	145.2	7.5	7.6	5.2	5.2
Williamsport	49.4	48.9	4.3	4.3	8.7	8.9
York	153.7	152.7	8.5	9.8	5.5	6.4
RHODE ISLAND	411.2	413.9	34.1	33.9	8.3	8.2
Providence—Warwick—Pawtucket ¹	416.3	419.3	34.1	33.5	8.2	8.0
SOUTH CAROLINA	1,191.0	1,182.5	61.9	62.8	5.2	5.3
Charleston—North Charleston	130.2	129.8	7.4	7.3	5.7	5.7
Columbia	147.1	147.7	6.4	6.3	4.4	4.3
Greenville—Spartanburg	230.9	231.2	10.4	10.8	4.5	4.7
SOUTH DAKOTA	289.4	282.5	11.5	11.2	4.0	3.9
Sioux Falls	49.8	49.9	1.7	1.6	3.4	3.1
TENNESSEE	1,846.8	1,801.1	114.0	111.7	6.2	6.2
Chattanooga ¹	178.6	178.7	8.7	8.8	4.9	4.9
Knoxville	189.2	186.5	11.0	9.4	5.8	5.1
Memphis ¹	353.9	349.1	23.7	23.2	6.7	6.6
Nashville—Davidson	349.6	346.3	17.6	17.1	5.0	4.9
TEXAS	5,414.3	5,422.7	285.3	291.0	5.3	5.4
Amarillo	83.0	82.9	2.7	2.7	3.2	3.3
Austin	197.2	196.9	8.7	9.1	4.4	4.6
Beaumont—Port Arthur—Orange	166.4	166.1	11.7	12.1	7.1	7.3
Corpus Christi	124.9	125.0	7.5	7.7	6.0	6.2
Dallas—Fort Worth	1,197.4	1,203.2	51.4	51.5	4.3	4.3
El Paso	156.6	155.9	18.7	19.9	12.0	12.7
Galveston—Texas City	82.7	82.5	5.1	5.3	6.1	6.5
Houston	1,108.8	1,117.0	57.9	59.7	5.2	5.3
Lubbock	91.7	93.9	2.9	2.5	3.1	2.7
San Antonio	381.8	380.5	27.1	26.4	7.1	6.9
Waco	71.2	72.1	3.2	3.3	4.5	4.6
Wichita Falls	57.6	57.6	2.4	2.4	4.2	4.1
UTAH	527.1	525.2	25.0	25.3	4.7	4.8
Salt Lake City—Ogden	348.3	348.6	17.1	16.7	4.9	4.8
VERMONT	203.4	201.3	15.1	16.2	7.4	8.1

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	
	OCT. 1976	NOV. 1976	OCT. 1976 ¹	NOV. 1976	OCT. 1976	NOV. 1976
VIRGINIA	2,272.5	2,269.9	113.0	113.7	5.0	5.0
Lynchburg	68.0	68.2	2.8	2.5	4.1	3.6
Newport News—Hampton	151.0	151.0	9.1	9.4	6.0	6.2
Norfolk—Virginia Beach—Portsmouth	298.0	298.5	17.1	16.8	5.7	5.6
Richmond	292.3	292.9	10.6	10.2	3.6	3.5
Roanoke	105.9	106.3	5.3	5.1	5.0	4.8
WASHINGTON	1,547.2	1,547.0	119.1	120.4	7.7	7.8
Seattle—Everett	678.0	682.3	51.4	50.6	7.6	7.4
Spokane	126.3	124.9	9.2	8.4	7.3	6.7
Tacoma	151.1	151.9	14.6	14.4	9.6	9.5
WEST VIRGINIA	651.0	652.3	32.9	35.9	5.1	5.5
Charleston	104.9	104.9	4.1	3.8	3.9	3.7
Huntington—Ashland	107.0	107.6	5.9	6.0	5.5	5.5
Parkersburg—Marietta	59.2	58.8	3.2	3.3	3.3	5.6
Wheeling	72.6	72.9	3.8	4.6	5.2	6.3
WISCONSIN	2,122.7	2,130.8	97.0	119.8	4.6	5.6
Appleton—Oshkosh	138.2	139.3	5.8	8.0	4.2	5.7
Green Bay	85.5	85.6	4.2	4.9	4.9	5.7
Kenosha	61.8	58.7	3.1	8.4	5.1	14.3
La Crosse	42.1	42.0	2.0	2.2	4.6	5.2
Madison	168.3	170.5	5.7	6.2	3.4	3.7
Milwaukee	644.3	650.2	30.1	32.7	4.7	5.0
Racine	85.7	87.8	4.4	6.6	5.1	7.5
WYOMING	196.3	192.8	6.1	7.6	3.1	4.0

¹ Includes interstate portion of Area located in adjacent State(s).

N.A.=not available.

NOTE: All data are provisional. They are subject to revision as new benchmark information becomes available. Data refer to place of residence.

SOURCE: Cooperating State Employment Security Agencies listed on the inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161. When ordering please, specify "CETA Area Employment and Unemployment, January-October 1976 (NTISUB/B/143-76/012)", "State and County Employment and Unemployment January-October 1976" (NTISUB/B/144-76/012) or "Unemployment Rates for States and Identifiable Local Governments, Third Quarter, 1976" (PB261360). Tabulations are available at \$16.25 per set for printed copies of CETA Areas, \$19.25 for States and Counties, \$5.00 for Identifiable Local Governments, or \$3.00 per set for microfiche copies of each publication.

UNEMPLOYMENT INSURANCE DATA

F-1. Insured unemployment under State programs

[Week including the 12th of the month]

State	Number (in thousands)					Rate (percent of average covered employment)		
	Dec. 1975	Nov. 1976	Dec. 1976	Change from ¹		Dec. 1975	Nov. 1976	Dec. 1976
				Dec. 1975	Nov. 1976			
TOTAL^{2, 3}	3, 313.9	2, 690.3	3, 005.3	-309.6	315.0	5.0	4.1	4.5
SEASONALLY ADJUSTED	3, 294.2	3, 330.6	3, 034.9	-259.3	-295.7	5.9	5.1	4.6
Alabama	43.2	39.4	42.2	-.9	2.8	4.7	4.3	4.6
Alaska	9.2	10.4	9.2	.0	-1.2	9.7	8.4	7.4
Arizona	32.3	24.0	23.4	-8.8	-.5	5.2	3.9	3.9
Arkansas	30.6	25.1	30.3	-.3	5.3	5.7	4.8	5.8
California*	367.4	329.9	342.3	-25.1	12.4	5.6	4.9	5.1
Colorado	22.7	20.4	28.4	5.6	7.9	3.0	2.7	3.7
Connecticut	71.2	57.2	57.7	-13.5	.5	5.9	4.9	4.9
Delaware	10.1	7.9	8.2	-2.0	.3	4.7	3.8	4.0
District of Columbia	13.5	11.0	11.7	-1.7	.7	3.7	3.1	3.3
Florida	114.6	90.4	88.9	-25.7	-1.5	4.4	3.5	3.4
Georgia	59.0	44.1	48.0	-11.1	3.9	4.1	3.1	3.4
Hawaii	18.0	14.9	13.7	-4.3	-1.2	5.8	4.6	4.3
Idaho	11.4	7.5	10.4	-1.1	2.8	5.3	3.4	4.6
Illinois	229.6	161.9	176.2	-53.5	14.3	6.0	4.4	4.8
Indiana	54.2	34.5	42.2	-12.0	7.7	3.2	2.1	2.6
Iowa	31.9	17.4	25.3	-6.6	7.9	3.9	2.2	3.2
Kansas	18.5	15.2	18.6	.1	3.5	3.0	2.4	3.0
Kentucky	40.6	28.8	38.1	-2.5	9.4	4.8	3.4	4.5
Louisiana	36.9	37.8	41.7	4.8	3.9	3.6	3.6	3.9
Maine	19.4	16.7	20.9	1.5	4.2	6.8	5.8	7.3
Maryland	48.9	39.4	44.2	-4.8	4.8	4.3	3.5	4.0
Massachusetts	125.4	83.5	91.3	-34.2	7.7	6.3	4.4	4.8
Michigan	186.6	139.8	179.5	-7.1	39.7	6.7	4.9	6.2
Minnesota	58.4	40.7	58.6	.1	17.9	4.2	2.9	4.2
Mississippi	17.8	16.4	19.6	1.8	3.2	3.3	3.0	3.6
Missouri	71.3	53.5	61.9	-9.4	8.4	4.9	3.8	4.3
Montana	11.3	8.4	10.8	-.5	2.4	6.6	4.2	5.4
Nebraska	14.1	7.6	9.9	-4.1	2.4	3.2	1.7	2.3
Nevada	13.1	12.2	11.6	-1.4	-.5	6.1	5.5	5.3
New Hampshire	11.1	7.2	8.1	-3.0	1.0	4.3	2.9	3.2
New Jersey	148.3	122.0	138.4	-9.8	16.4	6.5	5.5	6.3
New Mexico	12.5	12.0	11.2	-1.3	-.8	4.8	4.4	4.1
New York	334.9	289.9	309.2	-25.8	19.3	5.7	5.1	5.5
North Carolina	61.6	57.8	68.2	6.6	10.4	3.6	3.5	4.1
North Dakota	4.4	3.2	6.0	1.6	2.8	3.1	2.1	4.0
Ohio	135.8	107.7	128.4	-7.4	20.7	3.5	2.9	3.5
Oklahoma	28.0	21.8	23.1	-4.9	1.3	3.9	3.0	3.2
Oregon	53.3	38.5	44.3	-9.0	5.8	7.0	5.0	5.7
Pennsylvania	239.5	218.4	241.1	1.5	22.6	6.2	5.8	6.4
Puerto Rico ²	66.5	76.8	68.1	1.6	-8.7	11.8	12.9	12.4
Rhode Island	22.0	15.6	18.0	-4.0	2.4	6.9	5.0	5.8
South Carolina	37.1	26.8	31.8	-5.4	5.0	4.6	3.4	4.0
South Dakota	4.6	3.1	4.6	-.1	1.5	3.0	2.0	2.9
Tennessee	55.7	44.1	50.5	-5.3	6.3	4.4	3.5	4.1
Texas	73.6	63.0	65.7	-7.9	2.7	2.0	1.7	1.8
Utah	14.7	10.5	12.8	-1.9	2.3	4.3	3.0	3.7
Vermont	8.7	7.2	8.3	-.4	1.1	6.6	5.4	6.2
Virginia	31.1	26.1	30.3	-.7	4.2	2.2	1.9	2.2
Washington	84.6	68.4	76.9	-7.7	8.4	8.6	6.8	7.6
West Virginia	23.2	17.8	23.4	.3	5.7	5.0	3.7	4.9
Wisconsin	79.4	55.2	69.9	-9.5	14.8	5.0	3.5	4.4
Wyoming	2.0	1.5	2.3	.3	.8	2.0	1.3	2.1

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

³ Figures do not include claimants receiving benefits under extended benefit provisions.

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

UNEMPLOYMENT INSURANCE DATA

F-2. Insured unemployment¹ in 150 major labor areas²

[In thousands, for week including the 12th of the month]

State and area	Dec. 1975	Dec. 1976	State and area	Dec. 1975	Dec. 1976	State and area	Dec. 1975	Dec. 1976	State and area	Dec. 1975	Dec. 1976
ALABAMA			INDIANA—			NEW JERSEY			PENNSYLVANIA—		
Birmingham	11.2	9.2	Continued			Atlantic City	6.6	6.1	Continued		
Mobile	4.1	5.5	Gary-Hammond—			Jersey City	14.8	15.9	Northeast		
ARIZONA			East Chicago	7.7	6.1	New Brunswick—			Pennsylvania	20.8	22.8
Phoenix	19.5	12.3	Indianapolis	9.7	7.7	Perth Amboy—			Philadelphia	89.8	87.9
ARKANSAS			South Bend	2.4	2.6	Sayreville	12.2	10.6	Pittsburgh	41.2	37.0
Little Rock—			Terre Haute	1.8	1.7	Paterson—Clifton—			Reading	5.6	4.4
North Little			IOWA			Passaic	11.8	10.9	York	6.9	6.3
Rock	5.1	3.6	Cedar Rapids	2.0	1.6	Trenton	4.3	4.0	PUERTO RICO		
CALIFORNIA			Des Moines	3.8	3.4	NEW MEXICO			Mayaguez	2.7	2.4
Anaheim—S. Ana—			KANSAS			Albuquerque	5.6	5.3	Ponce	4.3	5.2
Garden Grove	26.2	21.9	Wichita	4.3	4.8	NEW YORK			San Juan	14.1	14.8
Fresno	8.3	10.0	KENTUCKY			Albany—			RHODE ISLAND		
Los Angeles—Long			Louisville	14.2	11.9	Schenectady—			Providence—		
Beach	122.7	120.4	LOUISIANA			Troy	11.0	10.7	Warwick—		
Riverside—San			Baton Rouge	3.4	4.1	Binghamton	5.3	3.3	Pawtucket	22.2	17.8
Bernardino—			New Orleans	12.1	10.9	Buffalo	26.5	21.0	SOUTH CAROLINA		
Ontario	21.1	20.6	Shreveport	4.6	3.9	New York City			Charleston	4.5	2.6
Sacramento	16.3	18.0	MAINE			Combined Areas...	221.0	196.0	Greenville—		
San Diego	29.2	29.3	Portland	2.1	2.7	(a) N.Y. City			Spartanburg	7.0	5.8
San Francisco—			MARYLAND			plus Rockland,			TENNESSEE		
Oakland	57.1	56.2	Baltimore	31.0	24.3	Putnam, and			Chattanooga	4.2	4.6
San Jose	20.0	18.2	MASSACHUSETTS			Westchester Cos..	172.8	153.8	Knoxville	6.4	5.5
Stockton	8.1	8.4	Boston	56.0	37.3	(b) Nassau—			Memphis	13.2	13.0
COLORADO			Brockton	3.4	2.6	Suffolk	48.2	42.3	Nashville—		
Denver—Boulder ..	14.2	8.7	Fall River	5.1	4.4	Rochester	16.2	11.6	Davidson	9.6	5.9
CONNECTICUT			Lawrence—			Syracuse	10.9	8.4	TEXAS		
Bridgeport	9.9	8.1	Haverhill	7.8	5.4	Utica—Rome	7.2	5.9	Austin	2.9	2.5
Hartford	14.2	13.2	Lowell	4.6	3.5	NORTH CAROLINA			Beaumont—		
New Britain	3.5	3.6	New Bedford	5.4	5.1	Asheville	2.2	1.6	Port Arthur—		
New Haven—			Springfield—			Charlotte—			Orange	2.8	3.0
West Haven	8.3	8.7	Chicopee—			Gastonia	8.0	5.7	Corpus Christi	1.7	1.9
Stamford	6.6	5.0	Holyoke	13.2	7.7	Greensboro—			Dallas	13.6	8.8
Waterbury	3.6	3.4	Worcester	8.2	4.5	Winston-Salem—			El Paso	4.6	7.4
DELAWARE			MICHIGAN			High Point	7.9	6.2	Fort Worth	6.4	4.2
Wilmington	6.8	7.4	Battle Creek	4.2	4.7	Raleigh—Durham ..	3.3	3.1	Houston	9.5	9.6
DIST. OF COL.			Detroit	90.3	81.9	OHIO			San Antonio	7.6	5.7
Washington	26.0	22.6	Flint	9.4	8.3	Akron	9.4	8.5	UTAH		
FLORIDA			Grand Rapids	8.9	8.5	Canton	7.0	6.3	Salt Lake City—		
Jacksonville	5.2	4.9	Kalamazoo—			Cincinnati	13.7	13.7	Ogden	7.4	6.3
Miami	26.4	18.1	Portage	4.2	3.5	Cleveland	24.6	21.9	VIRGINIA		
Tampa—St.			Lansing—East			Columbus	11.7	11.3	Newport News—		
Petersburg	21.8	18.9	Lansing	8.3	7.5	Dayton	9.0	8.0	Hampton	2.5	2.9
GEORGIA			Muskegon—			Hamilton—			Norfolk—		
Atlanta	24.2	13.6	Muskegon—			Middletown	3.5	4.1	Virginia Beach—		
Augusta	4.3	3.1	Heights	5.1	4.4	Lorain—			Portsmouth	5.8	5.7
Columbus	3.5	2.2	Saginaw	3.3	2.9	Elyria	6.0	3.3	Richmond	2.9	3.2
Macon	3.1	2.3	MINNESOTA			Steubenville—			Roanoke	1.8	1.9
Savannah	2.5	1.6	Duluth—			Weirton	1.6	1.7	WASHINGTON		
HAWAII			Superior	4.0	4.0	Toledo	9.7	14.0	Seattle	38.0	29.6
Honolulu	15.3	12.0	Minneapolis—			Youngstown—			Spokane	6.1	5.9
ILLINOIS			St. Paul	28.0	22.9	Warren	9.4	8.5	Tacoma	10.9	9.5
Chicago	136.8	111.8	MISSISSIPPI			OKLAHOMA			WEST VIRGINIA		
Davenport—Rock			Jackson	2.0	1.9	Oklahoma City	8.1	6.1	Charleston	2.8	2.2
Island—			MISSOURI			Tulsa	6.2	5.7	Huntington—		
Moline	5.5	4.2	Kansas City	20.5	14.9	OREGON			Ashland	4.0	3.7
Peoria	3.5	4.7	St. Louis	41.1	36.7	Portland	23.6	17.9	Wheeling	3.1	3.0
Rockford	7.0	3.8	NEBRASKA			PENNSYLVANIA			WISCONSIN		
INDIANA			Omaha	8.0	5.1	Allentown—			Kenosha	4.2	4.1
Evansville	3.3	2.0	NEW HAMPSHIRE			Bethlehem—			Madison	6.1	5.7
Ft. Wayne	3.9	2.5	Manchester	2.3	1.6	Easton	15.9	15.0	Milwaukee	18.1	15.0
						Altoona	3.7	2.5	Racine	3.5	3.2
						Erie	6.3	5.6			
						Harrisburg	6.5	6.6			
						Johnstown	4.7	5.2			
						Lancaster	6.0	5.0			

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

² For full name of labor area and definition of area, see Area Trends in Employment and Unemployment published by the Employment and Training Administration.

* Information not available.

Annual Averages

HOUSEHOLD DATA ANNUAL AVERAGES

1. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Sex, age, and race	1976										
	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	58,397	78.1	56,359	52,391	3,968	7.0	16,341	271	3,872	1,834	10,364
16 to 21 years	8,569	67.9	7,842	6,493	1,349	17.2	4,045	17	3,174	39	815
16 to 19 years	5,178	61.0	4,832	3,904	928	19.2	3,307	14	2,634	22	637
16 to 17 years	2,067	48.9	2,037	1,601	437	21.4	2,164	8	1,768	8	380
18 to 19 years	3,111	73.1	2,795	2,303	491	17.6	1,143	6	867	14	257
20 to 64 years	51,403	89.7	49,711	46,764	2,947	5.9	5,883	114	1,237	1,318	3,216
20 to 24 years	8,421	86.4	7,666	6,742	924	12.0	1,330	9	911	51	358
25 to 54 years	36,010	94.3	35,075	33,346	1,729	4.9	2,165	62	319	719	1,065
25 to 29 years	8,224	94.6	7,848	7,287	561	7.1	470	12	211	59	188
30 to 34 years	6,766	96.5	6,535	6,208	326	5.0	244	8	49	63	124
35 to 39 years	5,530	96.0	5,332	5,101	231	4.3	229	7	22	83	116
40 to 44 years	5,130	95.0	5,038	4,841	196	3.9	271	9	16	113	133
45 to 49 years	5,244	93.3	5,213	5,005	208	4.0	375	14	12	163	187
50 to 54 years	5,116	89.9	5,109	4,904	206	4.0	576	13	8	238	317
55 to 64 years	6,972	74.5	6,971	6,677	294	4.2	2,389	43	6	547	1,792
55 to 59 years	4,236	83.6	4,235	4,066	169	4.0	833	18	4	282	529
60 to 64 years	2,736	63.7	2,736	2,611	125	4.6	1,556	25	2	265	1,264
65 years and over	1,816	20.3	1,816	1,722	94	5.2	7,151	143	1	495	6,511
65 to 69 years	1,048	29.3	1,048	984	64	6.1	2,525	35	1	181	2,307
70 years and over	768	14.2	768	738	31	4.0	4,626	108	--	315	4,203
White											
16 years and over	52,201	79.0	50,506	47,282	3,223	6.4	13,916	222	3,132	1,451	9,111
16 to 21 years	7,558	70.1	6,959	5,884	1,075	15.4	3,221	12	2,554	29	626
16 to 19 years	4,619	63.9	4,327	3,578	749	17.3	2,612	9	2,094	16	492
16 to 17 years	1,871	52.1	1,844	1,481	364	19.7	1,718	6	1,404	6	302
18 to 19 years	2,748	75.5	2,483	2,098	385	15.5	894	4	690	10	190
20 to 64 years	45,939	90.4	44,535	42,139	2,396	5.4	4,854	88	1,036	1,038	2,692
20 to 24 years	7,366	87.2	6,758	6,022	736	10.9	1,080	8	772	35	265
25 to 54 years	32,176	95.0	31,381	29,979	1,402	4.5	1,686	49	259	548	831
25 to 34 years	13,325	96.0	12,813	12,098	715	5.6	550	16	210	86	238
35 to 44 years	9,489	96.1	9,241	8,896	345	3.7	383	11	34	151	157
45 to 54 years	9,361	92.6	9,327	8,985	342	3.7	753	21	15	311	406
55 to 64 years	6,397	75.4	6,396	6,137	258	4.0	2,088	31	6	454	1,597
55 to 59 years	3,879	84.5	3,878	3,733	146	3.8	710	13	3	234	460
60 to 64 years	2,518	64.6	2,518	2,405	113	4.5	1,378	18	2	221	1,137
65 years and over	1,643	20.3	1,643	1,565	78	4.8	6,450	125	1	397	5,927
Black and other											
16 years and over	6,196	71.9	5,853	5,108	745	12.7	2,425	49	740	383	1,252
16 to 21 years	1,010	55.1	883	608	274	31.1	824	5	620	19	189
16 to 19 years	560	44.6	505	326	179	35.4	695	5	540	6	145
16 to 17 years	197	30.6	193	120	73	37.7	446	3	364	2	78
18 to 19 years	363	59.3	311	206	106	34.0	249	2	176	4	67
20 to 64 years	5,465	84.2	5,177	4,626	550	10.6	1,029	26	200	280	524
20 to 24 years	1,055	80.9	908	720	188	20.7	250	1	139	16	94
25 to 54 years	3,834	88.9	3,693	3,366	327	8.9	480	13	60	171	234
25 to 34 years	1,664	91.1	1,570	1,398	172	11.0	163	4	51	36	73
35 to 44 years	1,171	90.9	1,128	1,045	82	7.3	118	5	5	45	63
45 to 54 years	999	83.4	995	923	72	7.2	199	5	5	90	98
55 to 64 years	575	65.7	575	540	36	6.2	300	12	1	93	195
55 to 59 years	357	74.5	357	334	23	6.6	122	5	1	48	69
60 to 64 years	218	55.1	218	206	12	5.6	178	7	--	45	127
65 years and over	172	19.7	172	156	16	9.3	701	18	--	98	584

**HOUSEHOLD DATA
ANNUAL AVERAGES**

1. Employment status of the noninstitutional population by sex, age, and race—Continued

(Numbers in thousands)

Sex, age, and race	1976										
	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	38,520	47.4	38,414	35,095	3,320	8.6	42,789	34,070	3,780	1,000	3,939
16 to 21 years	6,740	54.6	6,691	5,594	1,097	16.4	5,615	1,593	3,253	22	746
16 to 19 years	4,158	50.1	4,138	3,365	773	18.7	4,148	783	2,745	12	608
16 to 17 years	1,673	40.7	1,672	1,325	347	20.7	2,435	226	1,819	5	385
18 to 19 years	2,486	59.2	2,466	2,040	426	17.3	1,713	557	927	7	222
20 to 64 years	33,304	55.3	33,218	30,724	2,493	7.5	26,869	23,764	1,028	441	1,637
20 to 24 years	6,339	65.2	6,280	5,534	746	11.9	3,385	2,374	730	21	259
25 to 54 years	22,657	56.7	22,629	21,093	1,537	6.8	17,303	15,929	289	220	865
25 to 29 years	5,244	59.3	5,225	4,774	451	8.6	3,605	3,280	135	25	166
30 to 34 years	3,940	54.6	3,935	3,612	323	8.2	3,275	3,042	64	21	148
35 to 39 years	3,477	57.2	3,476	3,252	223	6.4	2,599	2,422	35	22	121
40 to 44 years	3,326	58.5	3,325	3,130	195	5.8	2,362	2,192	23	36	111
45 to 49 years	3,393	57.0	3,392	3,212	180	5.3	2,560	2,356	18	48	139
50 to 54 years	3,277	53.1	3,277	3,112	165	5.0	2,900	2,637	14	69	180
55 to 64 years	4,308	41.1	4,308	4,097	211	4.9	6,182	5,461	8	199	513
55 to 59 years	2,684	48.1	2,684	2,550	133	5.0	2,896	2,592	5	99	200
60 to 64 years	1,624	33.1	1,624	1,547	77	4.8	3,285	2,869	3	101	313
65 years and over	1,058	8.2	1,058	1,006	53	5.0	11,772	9,523	7	547	1,695
65 to 69 years	677	14.9	677	639	38	5.7	3,853	3,277	2	87	486
70 years and over	381	4.6	381	367	14	3.8	7,919	6,245	5	461	1,209
White											
16 years and over	33,458	47.0	33,371	30,739	2,632	7.9	37,776	30,574	3,016	798	3,388
16 to 21 years	5,988	57.2	5,947	5,095	852	14.3	4,485	1,290	2,593	18	584
16 to 19 years	3,728	53.0	3,711	3,105	607	16.4	3,302	636	2,178	10	478
16 to 17 years	1,518	43.8	1,518	1,242	276	18.2	1,945	186	1,444	4	311
18 to 19 years	2,210	62.0	2,193	1,863	331	15.1	1,357	450	733	6	167
20 to 64 years	28,800	54.8	28,730	26,754	1,976	6.9	23,731	21,178	832	332	1,389
20 to 24 years	5,505	66.4	5,457	4,890	568	10.4	2,785	1,976	595	16	198
25 to 54 years	19,435	55.9	19,412	18,189	1,222	6.3	15,347	14,222	229	161	734
25 to 29 years	7,749	55.9	7,729	7,141	588	7.6	6,122	5,672	156	35	258
30 to 34 years	5,817	57.2	5,814	5,476	338	5.8	4,361	4,078	45	39	199
35 to 44 years	5,869	54.7	5,868	5,572	296	5.0	4,864	4,472	28	88	277
55 to 64 years	3,861	40.8	3,861	3,675	186	4.8	5,599	4,980	8	153	457
55 to 59 years	2,406	47.9	2,406	2,290	116	4.8	2,618	2,364	5	74	175
60 to 64 years	1,455	32.8	1,455	1,385	70	4.8	2,981	2,616	3	80	283
65 years and over	929	8.0	929	880	49	5.3	10,744	8,760	7	456	1,521
Black and other											
16 years and over	5,062	50.2	5,044	4,356	688	13.6	5,013	3,496	763	202	551
16 to 21 years	752	40.0	744	499	245	33.0	1,130	304	660	4	162
16 to 19 years	430	33.7	427	260	166	39.0	847	147	568	3	130
16 to 17 years	154	23.9	154	83	71	46.0	490	40	374	1	74
18 to 19 years	276	43.6	273	177	96	35.0	357	107	193	1	55
20 to 64 years	4,503	58.9	4,488	3,970	518	11.5	3,138	2,586	196	109	248
20 to 24 years	834	58.2	823	644	179	21.7	600	398	135	5	61
25 to 54 years	3,222	62.2	3,217	2,904	314	9.8	1,955	1,707	60	58	131
25 to 29 years	1,435	65.4	1,431	1,245	186	13.0	759	650	42	11	56
30 to 34 years	987	62.2	987	907	80	8.1	601	536	13	18	33
35 to 44 years	801	57.3	800	752	49	6.1	596	521	5	29	42
55 to 64 years	447	43.4	447	422	25	5.5	583	481	--	46	56
55 to 59 years	278	49.9	278	260	17	6.2	279	228	--	25	25
60 to 64 years	170	35.8	170	162	7	4.4	304	253	--	21	30
65 years and over	129	11.2	129	126	3	2.6	1,028	763	--	91	174

HOUSEHOLD DATA ANNUAL AVERAGES

2. 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	
	1975	1976	1975	1976	1975	1976	1975	1976
MALES								
16 years and over	57,706	58,397	78.5	78.1	55,615	56,359	77.9	77.5
16 to 19 years	5,127	5,178	60.9	61.0	4,760	4,832	59.2	59.4
16 to 17 years	2,077	2,067	49.0	48.9	2,039	2,037	48.6	48.5
18 to 19 years	3,050	3,111	73.0	73.1	2,721	2,795	70.7	71.0
20 to 24 years	8,186	8,421	85.9	86.4	7,398	7,666	84.6	85.2
25 to 54 years	35,503	36,010	94.5	94.3	34,568	35,075	94.4	94.2
25 to 34 years	14,456	14,990	95.5	95.5	13,854	14,383	95.3	95.3
35 to 44 years	10,583	10,660	95.8	95.5	10,288	10,369	95.7	95.4
45 to 54 years	10,464	10,360	92.1	91.6	10,426	10,322	92.1	91.6
55 to 64 years	6,984	6,972	75.8	74.5	6,982	6,971	75.8	74.5
55 to 59 years	4,187	4,236	84.4	83.6	4,185	4,235	84.4	83.6
60 to 64 years	2,798	2,736	65.7	63.7	2,797	2,736	65.7	63.7
65 years and over	1,906	1,816	21.7	20.3	1,906	1,816	21.7	20.3
White								
16 years and over	51,629	52,201	79.3	79.0	49,881	50,506	78.7	78.4
16 to 19 years	4,566	4,619	63.5	63.9	4,264	4,327	61.9	62.4
16 to 17 years	1,883	1,871	52.3	52.1	1,851	1,844	51.8	51.8
18 to 19 years	2,683	2,748	74.9	75.5	2,413	2,483	72.8	73.5
20 to 24 years	7,174	7,366	86.6	87.2	6,531	6,758	85.5	86.2
25 to 54 years	31,767	32,176	95.2	95.0	30,965	31,381	95.1	94.9
25 to 34 years	12,859	13,325	96.0	96.0	12,345	12,813	95.8	95.9
35 to 44 years	9,443	9,489	96.5	96.1	9,190	9,241	96.4	96.0
45 to 54 years	9,465	9,361	93.0	92.6	9,431	9,327	92.9	92.5
55 to 64 years	6,392	6,397	76.5	75.4	6,390	6,396	76.5	75.4
55 to 59 years	3,833	3,879	85.2	84.5	3,832	3,878	85.2	84.5
60 to 64 years	2,559	2,518	66.4	64.6	2,558	2,518	66.4	64.6
65 years and over	1,731	1,643	21.8	20.3	1,731	1,643	21.8	20.3
Black and other								
16 years and over	6,077	6,196	72.7	71.9	5,734	5,853	71.5	70.7
16 to 19 years	561	560	45.8	44.6	496	505	42.7	42.1
16 to 17 years	194	197	30.7	30.6	189	193	30.1	30.2
18 to 19 years	367	363	61.8	59.3	307	311	57.5	55.6
20 to 24 years	1,012	1,055	80.9	80.9	867	908	78.4	78.4
25 to 54 years	3,736	3,834	89.4	88.9	3,603	3,693	89.0	88.5
25 to 34 years	1,597	1,664	91.9	91.1	1,509	1,570	91.4	90.6
35 to 44 years	1,140	1,171	90.3	90.9	1,098	1,128	90.0	90.6
45 to 54 years	999	999	84.7	83.4	995	995	84.6	83.4
55 to 64 years	592	575	68.7	65.7	592	575	68.7	65.7
55 to 59 years	353	357	76.9	74.5	353	357	76.9	74.5
60 to 64 years	239	218	59.3	55.1	239	218	59.3	55.0
65 years and over	176	172	20.9	19.7	176	172	20.9	19.7

**HOUSEHOLD DATA
ANNUAL AVERAGES**

2. 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	
	1975	1976	1975	1976	1975	1976	1975	1976
FEMALES								
16 years and over	37,087	38,520	46.4	47.4	36,998	38,414	46.3	47.3
16 to 19 years	4,059	4,158	49.3	50.1	4,038	4,138	49.3	49.9
16 to 17 years	1,652	1,673	40.2	40.7	1,652	1,672	40.2	40.7
18 to 19 years	2,407	2,486	58.3	59.2	2,387	2,466	58.1	59.0
20 to 24 years	6,116	6,339	64.3	65.2	6,069	6,280	64.1	65.0
25 to 54 years	21,636	22,657	55.0	56.7	21,614	22,629	55.0	56.7
25 to 34 years	8,473	9,183	54.6	57.2	8,456	9,160	54.6	57.1
35 to 44 years	6,496	6,804	55.8	57.8	6,493	6,800	55.8	57.8
45 to 54 years	6,667	6,670	54.6	55.0	6,665	6,669	54.6	55.0
55 to 64 years	4,244	4,308	41.0	41.1	4,244	4,308	41.0	41.1
55 to 59 years	2,618	2,684	47.9	48.1	2,618	2,684	47.9	48.1
60 to 64 years	1,626	1,624	33.3	33.1	1,626	1,624	33.3	33.1
65 years and over	1,033	1,058	8.3	8.2	1,033	1,058	8.3	8.2
White								
16 years and over	32,277	33,458	46.0	47.0	32,203	33,371	45.9	46.9
16 to 19 years	3,611	3,728	51.7	53.0	3,594	3,711	51.6	52.9
16 to 17 years	1,485	1,518	42.7	43.8	1,484	1,518	42.7	43.8
18 to 19 years	2,127	2,210	60.6	62.0	2,110	2,193	60.4	61.8
20 to 24 years	5,335	5,505	65.6	66.4	5,296	5,457	65.4	66.2
25 to 54 years	18,613	19,435	54.2	55.9	18,595	19,412	54.2	55.8
25 to 34 years	7,191	7,749	53.6	55.9	7,176	7,729	53.5	55.8
35 to 44 years	5,538	5,817	54.9	57.2	5,535	5,814	54.9	57.1
45 to 54 years	5,885	5,869	54.3	54.7	5,884	5,868	54.3	54.7
55 to 64 years	3,800	3,861	40.7	40.8	3,800	3,861	40.7	40.8
55 to 59 years	2,340	2,406	47.5	47.9	2,340	2,406	47.5 ^c	47.9
60 to 64 years	1,460	1,455	33.2	32.8	1,460	1,455	33.2	32.8
65 years and over	917	929	8.0	8.0	917	929	8.0	8.0
Black and other								
16 years and over	4,810	5,062	49.3	50.2	4,795	5,044	49.2	50.2
16 to 19 years	447	430	35.8	33.7	444	427	35.6	33.5
16 to 17 years	167	154	26.5	23.9	167	154	26.5	23.9
18 to 19 years	280	276	45.4	43.6	277	273	45.1	43.3
20 to 24 years	781	834	56.5	58.2	772	823	56.2	57.9
25 to 54 years	3,021	3,222	60.3	62.2	3,018	3,217	60.2	62.2
25 to 34 years	1,283	1,435	61.5	65.4	1,280	1,431	61.4	65.3
35 to 44 years	958	987	61.7	62.2	957	987	61.7	62.2
45 to 54 years	781	801	56.8	57.3	781	800	56.8	57.3
55 to 64 years	444	447	43.8	43.4	444	447	43.8	43.4
55 to 59 years	279	278	52.1	49.9	279	278	52.1	49.9
60 to 64 years	165	170	34.6	35.8	165	170	34.6	35.8
65 years and over	116	129	10.5	11.2	116	129	10.5	11.2

c = corrected.

HOUSEHOLD DATA ANNUAL AVERAGES

3. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	1976						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Total								Number	Percent of labor force
Total							
16 years and over	9,393	8,093	226	7,867	1,301	13.8	6,552
16 to 19 years	820	497	24	473	323	39.3	1,407
16 to 17 years	301	168	12	157	133	44.1	854
18 to 19 years	518	329	13	316	190	36.6	553
20 to 24 years	1,480	1,145	25	1,120	335	22.6	736
25 to 54 years	5,904	5,330	114	5,216	573	9.7	2,059
25 to 34 years	2,539	2,216	40	2,176	323	12.7	741
35 to 44 years	1,821	1,675	34	1,641	146	8.0	612
45 to 54 years	1,544	1,439	40	1,399	104	6.8	705
55 to 64 years	919	865	42	823	54	5.8	801
55 to 59 years	563	529	20	509	35	6.2	363
60 to 64 years	355	337	22	314	19	5.3	438
65 years and over	271	255	20	235	16	6.1	1,550
Males							
16 years and over	5,025	4,345	192	4,153	680	13.5	2,155
16 to 19 years	443	277	19	258	166	37.4	635
16 to 17 years	167	99	9	90	68	40.6	409
18 to 19 years	276	178	11	168	98	35.5	226
20 to 24 years	781	606	21	585	175	22.4	207
25 to 54 years	3,140	2,846	96	2,750	294	9.4	424
25 to 34 years	1,320	1,163	35	1,128	157	11.9	133
35 to 44 years	964	891	28	863	73	7.6	108
45 to 54 years	855	792	33	759	63	7.4	183
55 to 64 years	510	478	37	441	31	6.2	274
55 to 59 years	311	291	17	274	20	6.5	113
60 to 64 years	198	187	20	167	11	5.7	160
65 years and over	152	139	19	119	13	8.6	615
Females							
16 years and over	4,369	3,748	34	3,714	621	14.2	4,397
16 to 19 years	377	220	5	215	157	41.6	772
16 to 17 years	134	69	3	66	65	48.4	445
18 to 19 years	242	151	2	149	91	37.8	327
20 to 24 years	699	540	4	535	159	22.8	529
25 to 54 years	2,764	2,484	18	2,466	279	10.1	1,634
25 to 34 years	1,218	1,053	5	1,049	165	13.6	608
35 to 44 years	858	784	6	778	73	8.5	503
45 to 54 years	688	647	7	640	41	6.0	522
55 to 64 years	409	387	5	382	22	5.4	528
55 to 59 years	252	238	3	235	15	5.8	250
60 to 64 years	157	150	2	147	7	4.8	278
65 years and over	120	116	1	115	3	2.8	935

NOTE: According to the 1970 Census, black workers comprised about 89 percent of the "black and other" population group.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

4. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	1975	1976	1975	1976	1975	1976	1975	1976
TOTAL								
Total noninstitutional population	153,449	156,048	65,082	66,253	71,719	73,003	16,648	16,792
Total labor force	94,793	96,917	52,579	53,219	33,028	34,362	9,186	9,337
Percent of population	61.8	62.1	80.8	80.3	46.1	47.1	55.2	55.6
Civilian labor force	92,613	94,773	50,855	51,527	32,959	34,276	8,799	8,970
Employed	84,783	87,485	47,427	48,486	30,310	31,730	7,046	7,269
Agriculture	3,380	3,297	2,422	2,359	505	511	453	427
Nonagricultural industries	81,403	84,188	45,005	46,128	29,805	31,218	6,593	6,842
Unemployed	7,830	7,288	3,428	3,041	2,649	2,546	1,752	1,701
Percent of labor force	8.5	7.7	6.7	5.9	8.0	7.4	19.9	19.0
Not in labor force	58,655	59,130	12,502	13,034	38,691	38,641	7,462	7,455
White								
Total noninstitutional population	135,323	137,351	57,947	58,886	63,202	64,204	14,173	14,261
Total labor force	83,906	85,659	47,063	47,582	28,666	29,729	8,177	8,347
Percent of population	62.0	62.4	81.2	80.8	45.4	46.3	57.7	58.5
Civilian labor force	82,084	83,876	45,617	46,178	28,609	29,659	7,858	8,039
Employed	75,713	78,021	42,801	43,704	26,459	27,634	6,452	6,683
Agriculture	3,097	3,029	2,216	2,153	467	477	414	399
Nonagricultural industries	72,616	74,992	40,585	41,551	25,993	27,157	6,038	6,284
Unemployed	6,371	5,855	2,816	2,474	2,149	2,025	1,406	1,356
Percent of labor force	7.8	7.0	6.2	5.4	7.5	6.8	17.9	16.9
Not in labor force	51,416	51,692	10,884	11,304	34,537	34,475	5,996	5,914
Black and other								
Total noninstitutional population	18,126	18,696	7,134	7,367	8,516	8,798	2,475	2,531
Total labor force	10,887	11,258	5,516	5,637	4,362	4,632	1,008	990
Percent of population	60.1	60.2	77.3	76.5	51.2	52.7	40.7	39.1
Civilian labor force	10,529	10,897	5,238	5,349	4,351	4,617	940	931
Employed	9,070	9,464	4,626	4,782	3,851	4,096	594	586
Agriculture	284	268	206	206	39	34	39	28
Nonagricultural industries	8,787	9,196	4,419	4,576	3,812	4,061	555	558
Unemployed	1,459	1,433	612	566	500	521	347	345
Percent of labor force	13.9	13.1	11.7	10.6	11.5	11.3	36.9	37.1
Not in labor force	7,239	7,438	1,618	1,730	4,154	4,166	1,467	1,542

5. Employment status of the noninstitutional population 16-21 years of age by race and sex

[Numbers in thousands]

Employment status	1976								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,969	12,614	12,355	21,253	10,780	10,473	3,716	1,834	1,882
Total labor force	15,309	8,569	6,740	13,546	7,558	5,988	1,763	1,010	752
Percent of population	61.3	67.9	54.6	63.7	70.1	57.2	47.4	55.1	40.0
Civilian labor force	14,533	7,842	6,691	12,906	6,959	5,947	1,627	883	744
Employed	12,087	6,493	5,594	10,980	5,884	5,095	1,107	608	499
Agriculture	585	487	98	541	452	88	44	35	9
Nonagricultural industries	11,502	6,005	5,497	10,439	5,432	5,007	1,063	574	489
Unemployed	2,446	1,349	1,097	1,926	1,075	852	520	274	245
Percent of labor force	16.8	17.2	16.4	14.9	15.4	14.3	31.9	31.1	33.0
Looking for full-time work	1,629	913	716	1,252	710	542	377	203	174
Looking for part-time work	817	436	381	674	365	310	142	71	71
Not in labor force	9,660	4,045	5,615	7,706	3,221	4,485	1,954	824	1,130
MAJOR ACTIVITY: GOING TO SCHOOL									
Civilian labor force	3,301	1,765	1,536	3,016	1,615	1,401	285	150	135
Employed	2,614	1,377	1,237	2,448	1,291	1,158	165	86	79
Agriculture	132	113	19	129	110	18	3	2	1
Nonagricultural industries	2,482	1,264	1,218	2,320	1,180	1,139	162	84	78
Unemployed	687	388	299	568	324	243	120	64	56
Percent of labor force	20.8	22.0	19.5	18.8	20.1	17.4	42.0	42.7	41.3
Looking for full-time work	122	68	54	91	52	40	31	17	14
Looking for part-time work	565	320	246	476	273	204	89	47	42
Not in labor force	6,427	3,174	3,253	5,147	2,554	2,593	1,280	620	660
MAJOR ACTIVITY: OTHER									
Civilian labor force	11,232	6,076	5,155	9,890	5,344	4,546	1,342	732	609
Employed	9,473	5,116	4,357	8,531	4,594	3,938	942	522	420
Agriculture	453	375	78	412	342	70	41	32	8
Nonagricultural industries	9,020	4,741	4,279	8,119	4,251	3,868	901	440	411
Unemployed	1,758	960	798	1,359	750	608	400	210	190
Percent of labor force	15.7	15.8	15.5	13.7	14.0	13.4	29.8	28.7	31.1
Looking for full-time work	1,507	845	663	1,161	659	502	347	186	161
Looking for part-time work	251	116	136	198	92	106	53	24	29
Not in labor force	3,233	871	2,362	2,559	667	1,892	673	204	469

HOUSEHOLD DATA ANNUAL AVERAGES

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

[Numbers in thousands]

Race, sex, and age	1976								
	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	80,831	71,417	3,540	5,874	7.3	13,942	12,528	1,414	10.1
16 to 21 years	9,459	6,802	1,028	1,629	17.2	5,074	4,257	817	16.1
16 to 19 years	4,883	3,188	706	989	20.3	4,087	3,376	712	17.4
16 to 17 years	1,155	608	263	284	24.6	2,555	2,055	500	19.6
18 to 19 years	3,728	2,580	443	705	18.9	1,533	1,321	212	13.8
20 years and over	75,948	68,229	2,834	4,885	6.4	9,855	9,153	702	7.1
20 to 24 years	12,077	9,930	681	1,466	12.1	1,869	1,664	205	10.9
25 years and over	63,871	58,299	2,154	3,420	5.4	7,986	7,489	498	6.2
25 to 54 years	52,371	47,758	1,697	2,916	5.6	5,333	4,984	350	6.6
55 years and over	11,501	10,541	456	504	4.4	2,652	2,505	148	5.6
Males, 16 years and over	51,720	46,572	1,787	3,361	6.5	4,639	4,032	607	13.1
16 to 21 years	5,349	3,904	531	913	17.1	2,493	2,058	436	17.5
16 to 19 years	2,761	1,853	363	544	19.7	2,071	1,688	383	18.5
20 years and over	48,959	44,718	1,424	2,817	5.8	2,568	2,344	224	8.7
20 to 24 years	6,881	5,688	362	832	12.1	784	692	92	11.7
25 years and over	42,078	39,031	1,062	1,986	4.7	1,783	1,651	132	7.4
25 to 54 years	34,400	31,909	825	1,667	4.8	674	612	62	9.2
55 years and over	7,678	7,121	237	319	4.2	1,109	1,039	70	6.3
Females, 16 years and over	29,111	24,845	1,753	2,513	8.6	9,303	8,496	807	8.7
16 to 21 years	4,111	2,898	497	716	17.4	2,580	2,199	381	14.8
16 to 19 years	3,122	1,334	343	445	21.0	2,016	1,688	329	16.3
20 years and over	26,989	23,511	1,410	2,068	7.7	7,287	6,809	479	6.6
20 to 24 years	5,196	4,243	319	634	12.2	1,085	972	113	10.4
25 years and over	21,793	19,267	1,091	1,434	6.6	6,203	5,836	366	5.9
25 to 54 years	17,970	15,849	873	1,249	7.0	4,660	4,371	288	6.2
55 years and over	3,823	3,418	219	185	4.8	1,543	1,465	78	5.1
White									
Males, 16 years and over	46,341	42,152	1,468	2,721	5.9	4,165	3,662	503	12.1
16 to 21 years	4,692	3,538	444	710	15.1	2,267	1,902	365	16.1
16 to 19 years	2,442	1,706	307	429	17.6	1,885	1,565	320	17.0
20 years and over	43,899	40,445	1,162	2,292	5.2	2,279	2,097	183	8.0
20 to 24 years	6,051	5,090	306	656	10.8	706	627	80	11.3
25 years and over	37,848	35,355	855	1,636	4.3	1,574	1,471	103	6.5
25 to 54 years	30,806	28,788	662	1,357	4.4	576	530	46	8.0
55 years and over	7,042	6,568	194	279	4.0	998	941	57	5.7
Females, 16 years and over	24,914	21,534	1,427	1,953	7.8	8,457	7,777	679	8.0
16 to 21 years	3,594	2,621	431	542	15.1	2,353	2,043	310	13.2
16 to 19 years	1,867	1,227	300	340	18.2	1,844	1,577	267	14.5
20 years and over	23,046	20,306	1,127	1,613	7.0	6,613	6,200	412	6.2
20 to 24 years	4,477	3,735	268	475	10.6	980	887	93	9.5
25 years and over	18,570	16,571	859	1,138	6.1	5,632	5,313	319	5.7
25 to 54 years	15,129	13,466	691	971	6.4	4,283	4,032	251	5.9
55 years and over	3,441	3,105	168	167	4.9	1,350	1,281	68	5.0
Black and other									
Males, 16 years and over	5,379	4,420	319	640	11.9	474	369	105	22.1
16 to 21 years	656	367	87	203	31.0	226	155	71	31.3
16 to 19 years	319	147	56	115	36.2	186	123	63	34.1
20 years and over	5,060	4,273	262	525	10.4	288	247	41	14.3
20 to 24 years	830	598	56	176	21.2	78	65	12	16.0
25 years and over	4,231	3,674	206	350	8.3	210	182	30	14.3
25 to 54 years	3,595	3,121	163	310	8.6	99	83	17	17.2
55 years and over	636	554	43	40	6.3	111	99	13	11.7
Females, 16 years and over	4,197	3,311	326	560	13.3	847	719	128	15.1
16 to 21 years	517	276	66	174	33.7	228	156	71	31.3
16 to 19 years	255	107	43	105	41.1	172	111	62	35.8
20 years and over	3,942	3,204	283	455	11.5	675	608	66	9.8
20 to 24 years	718	508	51	159	22.2	105	85	20	18.7
25 years and over	3,224	2,697	231	295	9.2	569	523	46	8.1
25 to 54 years	2,841	2,383	180	277	9.8	376	339	37	9.8
55 years and over	383	314	51	18	4.7	194	184	10	5.2

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

HOUSEHOLD DATA ANNUAL AVERAGES

7. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	1975	1976	1975	1976	1975	1976	1975	1976
Total, 16 years and over	4,385	3,968	7.9	7.0	3,445	3,320	9.3	8.6
16 to 19 years	957	928	20.1	19.2	795	773	19.7	18.7
16 to 17 years	440	437	21.6	21.4	390	347	21.2	20.7
18 to 19 years	517	491	19.0	17.6	446	426	18.7	17.3
20 years and over	3,428	3,041	6.7	5.9	2,649	2,546	8.0	7.4
20 to 24 years	1,059	924	14.3	12.0	769	746	12.7	11.9
25 years and over	2,369	2,117	5.5	4.8	1,880	1,800	7.0	6.4
25 to 34 years	963	888	7.0	6.2	773	774	9.1	8.5
35 to 44 years	502	427	4.9	4.1	445	418	6.9	6.1
45 to 54 years	501	414	4.8	4.0	394	345	5.9	5.2
55 to 64 years	300	294	4.3	4.2	216	211	5.1	4.9
55 to 59 years	175	169	4.2	4.0	131	133	5.0	5.0
60 to 64 years	124	125	4.4	4.6	85	77	5.2	4.8
65 years and over	103	94	5.4	5.2	52	53	5.1	5.0
Household heads, 16 years and over	2,433	2,111	5.4	4.7	628	652	7.6	7.5
16 to 24 years	443	354	10.7	8.5	125	130	11.2	11.0
25 to 54 years	1,606	1,389	5.5	4.3	382	407	7.8	7.7
55 years and over	384	368	4.4	4.3	121	114	5.5	5.2

8. Unemployed persons by marital status, sex, age, and race

Marital status, sex, age, and race	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	1975	1976	1975	1976	1975	1976	1975	1976
Total, 16 years and over	4,385	3,968	7.9	7.0	3,445	3,320	9.3	8.6
Married, spouse present	2,044	1,687	5.1	4.2	1,680	1,558	7.9	7.1
Widowed, divorced, or separated	401	239	11.0	9.1	601	396	8.9	7.3
Single (never married)	1,939	1,903	16.1	15.0	1,164	1,151	13.0	12.1
White, 16 years and over	3,597	3,223	7.2	6.4	2,774	2,632	8.6	7.9
Married, spouse present	1,751	1,444	4.8	4.0	1,454	1,337	7.6	6.8
Widowed, divorced, or separated	290	197	9.9	8.8	448	324	8.2	7.0
Single (never married)	1,556	1,499	14.8	13.5	872	848	11.3	10.4
Black and other, 16 years and over	787	745	13.7	12.7	671	688	14.0	13.6
Married, spouse present	293	243	8.3	7.0	226	221	10.3	9.6
Widowed, divorced, or separated	112	42	15.3	11.1	152	72	11.4	8.9
Single (never married)	383	405	25.6	25.1	293	304	23.2	22.2
Total, 20 to 64 years of age	3,325	2,947	6.8	5.9	2,597	2,494	8.1	7.5
Married, spouse present	1,927	1,582	5.1	4.2	1,558	1,454	7.6	6.9
Widowed, divorced, or separated	378	222	11.2	9.2	548	357	8.9	7.4
Single (never married)	1,019	1,009	13.6	12.5	491	481	9.2	8.3
White, 20 to 64 years of age	2,730	2,396	6.2	5.4	2,100	1,976	7.6	6.9
Married, spouse present	1,647	1,351	4.7	3.9	1,351	1,246	7.4	6.6
Widowed, divorced, or separated	274	184	10.2	8.9	402	289	8.2	7.0
Single (never married)	809	782	12.5	11.3	348	328	7.7	6.8
Black and other, 20 to 64 years of age	595	550	11.8	10.6	496	519	11.7	11.6
Married, spouse present	280	231	8.3	6.9	208	209	9.8	9.4
Widowed, divorced, or separated	104	37	15.2	10.7	146	70	11.7	9.6
Single (never married)	211	227	20.8	20.4	143	152	16.6	15.7

HOUSEHOLD DATA ANNUAL AVERAGES

9. Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	1975	1976	1975	1976	1975	1976	1975	1976
Total	7,830	7,288	8.5	7.7	7.9	7.0	9.3	8.6
White-collar workers	2,100	2,110	4.7	4.6	3.4	3.3	6.1	5.9
Professional and technical	425	440	3.2	3.2	2.8	2.6	3.8	4.0
Managers and administrators, except farm	276	296	3.0	3.1	2.7	2.6	4.5	4.8
Sales workers	336	312	5.8	5.4	4.3	3.8	7.8	7.4
Clerical workers	1,063	1,062	6.6	6.4	5.3	5.6	6.9	6.6
Blue-collar workers	3,713	3,009	11.7	9.4	10.7	8.8	16.5	12.2
Craft and kindred workers	994	831	8.3	6.9	8.2	6.8	10.5	7.9
Carpenters and other construction craft	520	432	13.9	11.5	13.9	11.6	(1)	(1)
All other	474	399	5.8	4.8	5.5	4.5	10.1	7.7
Operatives, except transport	1,658	1,220	14.7	10.8	12.5	9.3	17.9	13.0
Transport equipment operatives	297	273	8.5	7.7	8.5	7.8	7.4	6.0
Nonfarm laborers	756	685	15.6	13.7	15.8	13.8	13.4	12.1
Construction laborers	243	217	25.5	22.8	25.4	22.9	(1)	(1)
All other	522	468	15.2	11.5	13.3	11.5	12.8	11.9
Service workers	1,091	1,151	8.6	8.7	8.5	8.5	8.6	8.9
Private household	67	68	5.4	5.7	(1)	(1)	5.3	5.7
All other	1,024	1,084	8.9	9.1	8.5	8.6	9.2	9.4
Farm workers	108	132	3.5	4.5	3.3	3.7	4.9	8.3
No previous work experience	817	885	--	--	--	--	--	--
16 to 19 years	632	678	--	--	--	--	--	--
20 to 24 years	120	139	--	--	--	--	--	--
25 years and over	65	68	--	--	--	--	--	--

¹ Percent not shown where base is less than 35,000

10. Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	1975	1976	1975	1976	1975	1976	1975	1976
Total	100.0	100.0	8.5	7.7	7.9	7.0	9.3	8.6
Nonagricultural private wage and salary workers	78.3	74.4	9.2	7.9	8.8	7.4	9.8	8.7
Mining	.4	.5	4.0	4.7	4.0	4.7	3.4	4.5
Construction	10.2	9.4	18.1	15.6	18.7	16.0	8.4	8.5
Manufacturing	29.5	23.0	10.9	7.9	9.1	6.5	15.2	11.0
Durable goods	18.1	13.4	11.3	7.7	9.7	6.8	16.4	10.8
Lumber and wood products	1.1	.9	13.7	9.5	12.9	9.1	19.3	12.4
Furniture and fixtures	.9	.7	12.4	9.6	10.6	9.8	16.8	9.2
Stone, clay, and glass products	.9	.7	10.0	7.1	9.4	7.2	12.3	6.6
Primary metal industries	1.8	1.4	10.4	7.5	9.7	7.2	17.0	10.8
Fabricated metal products	2.3	1.8	11.7	8.7	10.6	8.2	15.8	10.7
Machinery, except electrical equipment	2.7	2.0	8.7	6.3	7.6	5.8	14.1	8.5
Electrical equipment	3.4	2.2	12.3	7.3	8.6	4.6	17.8	11.1
Transportation equipment	3.4	2.0	13.1	7.3	12.2	6.5	18.1	11.7
Automobiles	2.2	.9	16.0	6.0	15.9	5.6	17.2	7.9
Other transportation equipment	1.2	1.2	9.8	8.7	8.0	7.5	18.7	15.4
Instruments and related products	.5	.4	6.9	6.0	3.6	3.5	11.6	9.6
Other durable goods industries	1.3	1.1	13.9	11.8	10.4	9.0	18.6	15.8
Nondurable goods	11.4	9.7	10.4	8.1	7.7	6.0	14.3	11.3
Food and kindred products	2.5	2.4	10.6	9.6	8.2	7.6	16.6	14.6
Textile mill products	1.5	1.1	13.8	8.9	10.2	6.7	17.7	11.2
Apparel and other textile products	2.6	2.1	14.6	11.1	13.8	8.5	14.9	11.8
Paper and allied products	.8	.7	9.2	6.9	7.9	5.8	14.1	10.6
Printing and publishing	1.1	1.0	6.5	5.7	5.9	4.5	7.6	7.6
Chemicals and allied products	1.0	.9	6.7	5.3	5.5	4.0	10.4	8.8
Rubber and plastics products	1.1	.8	13.3	9.0	9.8	6.6	19.6	13.7
Other nondurable goods industries	.7	.6	9.0	7.4	5.1	4.8	14.3	10.9
Transportation and public utilities	3.5	3.3	5.6	5.0	5.6	5.0	5.7	5.0
Railroads and railway express	.3	.3	3.5	3.7	3.6	3.6	1.4	5.3
Other transportation	2.5	2.3	8.5	7.3	8.7	7.6	7.8	6.1
Communication and other public utilities	.8	.7	3.0	2.7	2.1	1.8	4.7	4.3
Wholesale and retail trade	18.8	20.6	8.7	8.6	7.5	7.2	10.2	10.3
Finance, insurance, and real estate	2.7	2.7	4.9	4.4	4.1	3.6	5.5	5.0
Service industries	13.1	14.9	7.1	7.2	7.0	7.2	7.2	7.1
Professional services	5.4	6.1	5.2	5.2	4.4	4.5	5.6	5.6
All other service industries	7.7	8.8	6.6	9.6	9.2	9.5	9.7	9.7
Agricultural wage and salary workers	1.9	2.4	10.3	11.7	10.0	10.5	12.1	16.5
All other classes of workers	9.4	11.0	3.1	3.4	2.7	2.9	3.8	4.0
No previous work experience	10.4	12.1	--	--	--	--	--	--

**HOUSEHOLD DATA
ANNUAL AVERAGES**

11. 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	
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976
UNEMPLOYMENT LEVEL												
Total unemployed, in thousands	7,830	7,288	3,428	3,041	2,649	2,546	1,752	1,701	6,371	5,855	1,459	1,433
Job losers	4,341	3,625	2,569	2,133	1,325	1,108	447	384	3,570	2,972	771c	653
On layoff	1,662	1,039	986	618	544	325	132	97	1,417	893	245	147
Other job losers	2,679	2,585	1,583	1,515	781	783	315	287	2,152	2,079	526	506
Job leavers	812	886	291	315	369	420	153	151	697	756	115	130
Reentrants	1,865	1,895	496	510	845	896	524	490	1,494	1,468	371	427
New entrants	812	882	73	83	111	123	628	676	611	659	201	223
Total unemployed, percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	55.4	49.8	75.0	70.1	50.0	43.5	25.6	22.6	56.0	50.7	52.9	45.5
On layoff	21.2	14.3	28.8	20.3	20.5	12.7	7.6	5.7	22.2	15.2	16.8	10.2
Other job losers	34.2	35.5	46.2	49.8	29.5	30.8	18.0	16.9	33.8	35.5	36.1	35.3
Job leavers	10.4	12.2	8.5	10.4	13.9	16.5	8.7	8.9	10.9	12.9	7.9	9.1
Reentrants	23.8	26.0	14.5	16.8	31.9	35.2	29.9	28.8	23.4	25.1	25.4	29.8
New entrants	10.4	12.1	2.1	2.7	4.2	4.8	35.8	39.7	9.6	11.3	13.8	15.6
UNEMPLOYMENT RATE												
Total unemployment rate	8.5	7.7	6.7	5.9	8.0	7.4	19.9	19.0	7.8	7.0	13.9	13.1
Job loser rate ¹	4.7c	3.8	5.0c	4.1	4.0c	3.2	5.1c	4.3	4.3c	3.6	7.3c	5.9
Job leaver rate ¹	.9	.9	.6	.6	1.1	1.2	1.7	1.7	.8	.9	1.1	1.2
Reentrant rate ¹	2.0	2.0	1.0	1.0	2.6	2.6	6.0	5.5	1.8	1.8	3.5	3.9
New entrant rate ¹	.9	.9	.1	.2	.3	.4	7.1	7.5	.7	.8	1.9	2.0

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

12. Unemployed persons by reason for unemployment, duration, sex, and age

[Percent distribution]

Reason, sex, and age	1976						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over	7,288	100.0	38.3	29.6	32.1	13.8	18.3
Job losers	3,625	100.0	29.7	28.3	42.0	16.5	25.5
On layoff	1,039	100.0	42.7	27.4	29.9	14.0	15.9
Other job losers	2,585	100.0	24.5	28.6	46.9	17.5	29.4
Job leavers	886	100.0	41.9	29.8	28.3	13.3	15.0
Reentrants	1,895	100.0	48.2	31.1	20.7	10.5	10.2
New entrants	882	100.0	48.5	31.9	19.7	9.9	9.8
Males, 20 years and over	3,041	100.0	30.5	28.7	40.8	16.0	24.8
Job losers	2,133	100.0	4.4	27.5	45.0	16.9	28.1
On layoff	618	100.0	41.4	27.0	31.5	15.5	16.0
Other job losers	1,515	100.0	21.8	27.7	50.5	17.4	33.1
Job leavers	315	100.0	38.1	30.2	31.7	14.6	17.1
Reentrants	510	100.0	38.3	32.4	29.2	14.1	15.1
New entrants	83	100.0	32.1	32.1	35.7	9.5	26.2
Females, 20 years and over	2,546	100.0	39.9	28.7	31.4	13.3	18.1
Job losers	1,108	100.0	29.0	27.9	43.2	16.9	26.3
On layoff	325	100.0	40.9	28.0	31.1	12.9	18.2
Other job losers	783	100.0	24.0	27.8	48.1	18.5	29.6
Job leavers	420	100.0	39.0	30.5	30.3	13.6	16.7
Reentrants	896	100.0	52.1	28.9	19.0	9.3	9.7
New entrants	123	100.0	52.0	29.3	18.7	8.9	9.8
Both sexes, 16 to 19 years	1,701	100.0	49.8	32.6	17.6	10.5	7.1
Job losers	384	100.0	44.5	33.3	22.1	13.5	8.6
On layoff	97	100.0	57.3	27.1	15.6	9.4	6.2
Other job losers	287	100.0	40.3	35.5	24.3	15.3	9.0
Job leavers	151	100.0	57.6	27.8	14.6	9.3	5.3
Reentrants	490	100.0	51.5	33.4	15.1	9.0	6.1
New entrants	676	100.0	49.9	32.3	17.8	10.1	7.7

HOUSEHOLD DATA ANNUAL AVERAGES

13. Unemployed jobseekers by the jobsearch methods used, sex, age, and race

Sex, age, and race	1976								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	7,288	6,112	28.1	6.4	72.0	30.4	14.9	6.3	1.58
16 to 19 years	1,701	1,572	17.6	3.8	79.1	25.6	13.4	4.4	1.44
20 to 24 years	1,670	1,431	31.9	6.8	71.8	34.0	14.7	4.8	1.64
25 to 34 years	1,662	1,341	32.9	8.1	70.2	32.6	15.3	7.1	1.66
35 to 44 years	845	666	33.0	8.1	68.3	31.4	15.3	7.4	1.64
45 to 54 years	759	581	30.8	7.4	65.4	31.5	16.7	9.5	1.61
55 to 64 years	305	390	29.5	5.6	68.5	27.9	15.6	9.5	1.57
65 years and over	147	129	19.4	3.9	65.9	25.6	20.9	7.8	1.44
Males, 16 years and over	3,968	3,212	30.5	6.5	73.1	28.3	17.4	8.2	1.64
16 to 19 years	928	847	17.4	3.1	80.9	24.2	15.6	4.4	1.46
20 to 24 years	924	760	34.2	6.2	73.7	31.4	17.6	5.8	1.69
25 to 34 years	888	670	38.5	8.7	70.3	31.9	18.4	9.9	1.78
35 to 44 years	427	323	39.6	10.8	69.0	27.9	16.7	11.8	1.76
45 to 54 years	414	306	32.4	8.8	66.0	29.4	19.9	14.4	1.71
55 to 64 years	294	222	32.9	5.4	67.1	25.7	17.6	12.6	1.61
65 years and over	94	84	17.9	2.4	69.0	16.7	21.4	9.5	1.37
Females, 16 years and over	3,320	2,900	25.3	6.2	70.8	32.8	12.2	4.1	1.51
16 to 19 years	773	726	18.0	4.7	76.9	27.1	10.7	4.4	1.42
20 to 24 years	746	672	29.3	7.4	69.8	36.9	11.5	3.6	1.59
25 to 34 years	774	671	27.3	7.5	70.0	33.2	12.4	4.3	1.55
35 to 44 years	418	343	26.8	5.2	67.6	34.7	14.0	3.2	1.52
45 to 54 years	345	275	29.1	5.8	64.7	33.5	13.1	4.4	1.51
55 to 64 years	211	168	25.0	6.0	70.2	31.0	13.7	5.4	1.51
65 years and over	53	46	21.7	6.5	58.7	41.3	19.6	4.3	1.52
White	5,855	4,836	26.2	6.4	73.0	32.2	14.8	6.4	1.59
Males	3,223	2,568	28.9	6.5	73.9	29.9	17.3	8.6	1.65
Females	2,632	2,267	23.2	6.3	71.9	34.8	12.0	3.9	1.52
Black and other	1,433	1,276	35.0	6.3	68.2	23.9	15.4	5.7	1.55
Males	745	644	36.8	6.5	69.9	22.2	17.9	6.7	1.60
Females	688	633	33.0	6.0	66.4	25.6	13.0	4.6	1.49

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.

14. Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment

Sex and reason	1976								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total jobseekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
Total, 16 years and over	7,288	6,112	28.1	6.4	72.0	30.4	14.9	6.3	1.58
Job losers	3,625	2,580	35.9	7.4	70.1	32.7	17.2	7.5	1.71
Job leavers	886	881	28.9	7.0	73.8	33.5	13.4	3.3	1.60
Reentrants	1,895	1,784	22.0	5.6	70.5	29.0	13.1	6.8	1.47
New entrants	882	866	16.2	4.2	78.9	23.7	13.6	4.5	1.41
Males, 16 years and over	3,968	3,212	30.5	6.5	73.1	28.3	17.4	8.2	1.64
Job losers	2,389	1,698	36.7	7.2	70.8	30.7	18.6	9.7	1.74
Job leavers	393	389	30.6	6.9	76.6	30.3	15.9	4.1	1.64
Reentrants	768	713	24.1	6.2	71.9	25.8	16.0	9.0	1.53
New entrants	418	411	16.3	3.6	81.3	20.9	16.3	4.6	1.43
Females, 16 years and over	3,320	2,900	25.3	6.2	70.8	32.8	12.2	4.1	1.51
Job losers	1,235	883	34.3	7.9	68.7	36.4	14.3	3.2	1.65
Job leavers	493	492	27.6	7.1	71.5	36.2	11.4	2.6	1.56
Reentrants	1,128	1,071	20.8	5.1	69.6	31.2	11.1	5.4	1.43
New entrants	464	455	15.8	4.6	76.7	25.9	11.4	4.4	1.39

NOTE: See note, table 13.

HOUSEHOLD DATA ANNUAL AVERAGES

15. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	1975	1976	1975	1976	1975	1976	1975	1976
Total	7,830	7,288	100.0	100.0	3,061	2,763	100.0	100.0
Less than 5 weeks	2,894	2,790	37.0	38.3	950	877	31.0	31.7
5 to 14 weeks	2,452	2,159	31.3	29.6	950	778	31.0	28.2
5 to 10 weeks	1,738	1,534	22.2	21.0	659	543	21.5	19.7
11 to 14 weeks	714	625	9.1	8.6	291	235	9.5	8.5
15 weeks and over	2,483	2,339	31.7	32.1	1,161	1,107	37.9	40.1
15 to 26 weeks	1,290	1,003	16.5	13.8	566	441	18.5	16.0
27 weeks and over	1,193	1,336	15.2	18.3	594	667	19.4	24.1
27 to 51 weeks	776	698	9.9	9.6	384	354	12.5	12.8
52 weeks and over	418	638	5.3	8.8	211	313	6.9	11.3
Average (mean) duration	14.1	15.8	--	--	16.4	19.1	--	--

16. Unemployed persons by duration, sex, age, race, and marital status

Sex, age, race, and marital status	Thousands of persons					Average (mean) 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		1975	1976	1975	1976
	1976						1975	1976	1975	1976
Total, 16 years and over	7,288	2,790	2,159	1,003	1,336	15.8	37.0	38.3	31.7	32.1
16 to 21 years	2,446	1,154	786	281	225	10.7	45.5	47.2	21.5	20.7
16 to 19 years	1,701	848	554	178	122	9.4	48.3	49.8	18.2	17.6
20 to 24 years	1,670	663	512	233	262	14.4	37.8	39.7	30.8	29.6
25 to 34 years	1,662	594	491	243	333	16.7	33.8	35.7	35.0	34.7
35 to 44 years	845	283	247	123	192	18.4	32.4	33.5	36.8	37.2
45 to 54 years	759	226	201	111	221	21.7	30.2	29.8	39.3	43.8
55 to 64 years	505	139	116	87	163	23.7	29.7	27.4	41.9	49.5
65 years and over	147	38	37	29	44	23.3	25.2	25.6	51.0	49.3
Males, 16 years and over	3,968	1,371	1,183	592	822	17.3	33.3	34.5	34.8	35.6
16 to 21 years	1,349	597	443	173	136	11.4	42.5	44.3	24.4	22.9
16 to 19 years	928	444	310	105	68	9.8	46.4	47.9	20.0	18.7
20 to 24 years	924	326	285	143	169	16.0	33.0	35.3	35.0	33.8
25 to 34 years	888	278	269	134	207	18.6	29.2	31.3	38.2	38.4
35 to 44 years	427	121	120	71	116	21.1	27.6	28.2	40.9	43.7
45 to 54 years	414	104	109	66	135	24.1	27.6	25.2	41.6	48.5
55 to 64 years	294	75	65	53	101	25.1	26.4	25.4	43.5	52.6
65 years and over	94	23	25	19	26	22.4	26.5	24.5	51.3	48.6
Females, 16 years and over	3,320	1,419	975	411	514	14.0	41.7	42.7	27.8	27.9
16 to 21 years	1,097	557	344	108	89	9.7	49.3	50.8	18.0	17.9
16 to 19 years	773	403	244	73	53	9.0	50.5	52.1	16.0	16.3
20 to 24 years	746	337	227	89	93	12.4	44.3	45.1	24.9	24.5
25 to 34 years	774	316	222	109	126	14.5	39.6	40.9	31.0	30.4
35 to 44 years	418	163	127	52	76	15.6	37.8	38.9	32.1	30.6
45 to 54 years	345	122	92	46	86	18.9	33.6	35.3	36.4	38.1
55 to 64 years	211	64	52	34	62	21.8	34.2	30.2	39.6	45.3
65 years and over	53	14	12	9	18	24.9	22.8	27.5	50.3	50.7
White	5,855	2,259	1,720	814	1,063	15.6	37.2	38.6	31.3	32.0
Males	3,223	1,131	956	480	656	17.0	33.7	35.1	34.3	35.3
Females	2,632	1,128	764	333	406	13.9	41.7	42.9	27.5	28.1
Black and other	1,433	531	438	189	274	16.7	35.9	37.1	33.4	32.3
Males	745	240	227	112	166	18.8	31.2	32.3	37.2	37.2
Females	688	291	211	78	108	14.3	41.3	42.3	29.1	27.0
Males:										
Married, spouse present	1,687	493	492	269	433	19.9	29.5	29.2	38.7	41.6
Widowed, divorced, or separated	379	105	102	62	109	22.4	25.6	27.7	43.4	45.4
Single (never married)	1,903	774	589	260	280	14.0	38.8	40.7	28.9	28.4
Females:										
Married, spouse present	1,558	642	448	199	269	14.9	39.8	41.2	30.7	30.1
Widowed, divorced, or separated	610	232	174	82	123	16.5	38.1	37.9	31.0	33.6
Single (never married)	1,151	546	353	130	122	11.3	46.1	47.4	21.8	21.9

HOUSEHOLD DATA ANNUAL AVERAGES

17. Unemployed persons by duration, occupation, and industry of last job

Occupation and industry	Thousands of persons					Average (mean) 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		1975	1976	1975	1976
1976										
OCCUPATION										
White-collar workers	2,110	777	610	311	412	16.3	37.1	36.8	32.7	34.2
Professional and managerial	736	244	207	125	160	17.8	35.2	33.2	35.7	38.7
Sales workers	312	132	90	42	49	14.5	39.1	42.1	30.4	29.0
Clerical workers	1,062	402	313	145	208	15.9	38.1	37.8	31.9	32.7
Blue-collar workers	3,009	1,024	886	446	653	17.8	32.3	34.0	35.9	36.5
Craft and kindred workers	831	258	251	134	188	18.4	31.2	31.0	36.1	38.7
Operatives, except transport	1,220	424	352	171	274	18.0	32.5	34.8	36.6	36.4
Transport equipment operatives	273	96	76	39	63	18.0	29.7	35.0	36.0	37.2
Nonfarm laborers	685	247	207	103	129	16.6	34.2	36.0	34.1	33.8
Service workers	1,151	492	341	145	174	14.1	42.7	42.7	26.3	27.7
INDUSTRY¹										
Agriculture	175	81	55	39	16	10.8	49.9	46.2	21.0	22.2
Construction	718	245	217	256	145	17.1	32.1	34.1	35.1	35.6
Manufacturing	1,683	549	453	252	429	19.6	30.8	32.6	38.7	40.5
Durable goods	980	288	261	145	286	21.3	28.1	29.4	41.3	44.0
Non-durable goods	702	261	192	107	143	17.2	35.0	37.1	34.4	35.5
Transportation and public utilities	270	91	74	42	64	18.5	32.9	33.6	36.4	39.1
Wholesale and retail trade	1,511	597	458	213	244	14.8	38.6	39.5	29.3	30.2
Finance and service industries	1,583	619	479	213	269	15.1	40.7	39.1	28.8	30.4
Public administration	222	71	69	32	50	18.2	35.7	32.1	33.6	36.8
No previous work experience	885	431	281	87	86	10.8	47.6	48.7	19.5	19.5

¹ Includes wage and salary workers only.

18. Employed persons by sex and age

[In thousands]

Age and type of industry	Total		Males		Females	
	1975	1976	1975	1976	1975	1976
All industries	84,783	87,485	51,230	52,391	33,553	35,095
16 to 19 years	7,046	7,269	3,803	3,904	3,243	3,365
16 to 17 years	2,902	2,926	1,600	1,601	1,302	1,325
18 to 19 years	4,145	4,343	2,204	2,303	1,941	2,040
20 to 24 years	11,638	12,276	6,339	6,742	5,299	5,534
25 to 54 years	52,605	54,438	32,602	33,346	20,002	21,093
25 to 34 years	20,574	21,881	12,891	13,495	7,683	8,386
35 to 44 years	15,833	16,325	9,785	9,942	6,047	6,383
45 to 54 years	16,197	16,232	9,925	9,908	6,272	6,324
55 to 64 years	10,711	10,774	6,683	6,677	4,028	4,097
55 to 59 years	6,497	6,617	4,010	4,066	2,488	2,550
60 to 64 years	4,213	4,158	2,673	2,611	1,540	1,547
65 years and over	2,784	2,727	1,803	1,722	980	1,006
Nonagricultural industries	81,403	84,188	48,429	49,675	32,973	34,513
16 to 19 years	6,593	6,842	3,424	3,547	3,169	3,295
16 to 17 years	2,650	2,698	1,392	1,410	1,258	1,288
18 to 19 years	3,943	4,144	2,032	2,137	1,911	2,007
20 to 24 years	11,294	11,910	6,047	6,415	5,246	5,475
25 to 54 years	50,956	52,801	31,283	32,046	19,673	20,755
25 to 34 years	20,054	21,330	12,469	13,049	7,584	8,251
35 to 44 years	15,332	15,843	9,397	9,568	5,936	6,275
45 to 54 years	15,570	15,628	9,417	9,429	6,152	6,199
55 to 64 years	10,134	10,244	6,192	6,228	3,942	4,016
55 to 59 years	6,186	6,328	3,752	3,828	2,434	2,500
60 to 64 years	3,948	3,916	2,440	2,400	1,507	1,515
65 years and over	2,426	2,392	1,482	1,419	944	973
Agriculture	3,380	3,297	2,801	2,716	579	582
16 to 19 years	453	427	379	357	74	70
16 to 17 years	251	228	207	191	44	37
18 to 19 years	202	199	172	166	30	33
20 to 24 years	345	366	292	307	53	59
25 to 54 years	1,649	1,637	1,319	1,300	330	338
25 to 34 years	521	551	422	446	99	105
35 to 44 years	500	482	389	374	112	108
45 to 54 years	627	604	508	479	119	125
55 to 64 years	577	531	491	449	87	82
55 to 59 years	311	289	258	238	53	50
60 to 64 years	266	242	233	211	33	32
65 years and over	357	336	321	303	36	33

**HOUSEHOLD DATA
ANNUAL AVERAGES**

19. 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	
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976
TOTAL	84,783	87,485	47,427	48,486	30,310	31,730	3,803	3,904	3,243	3,365
White-collar workers	42,227	43,700	20,516	20,917	19,454	20,496	618	634	1,638	1,652
Professional and technical	12,748	13,329	7,387	7,645	5,183	5,510	94	80	84	93
Health workers	2,170	2,310	775	804	1,379	1,489	2	2	13	15
Teachers, except college	3,022	3,099	881	895	2,118	2,177	6	6	17	21
Other professional and technical	7,556	7,920	5,731	5,946	1,686	1,844	86	72	54	57
Managers and administrators, except farm	8,891	9,315	7,115	7,314	1,706	1,919	47	59	23	23
Salaried workers	7,135	7,541	5,716	5,916	1,353	1,550	43	52	23	22
Self-employed workers in retail trade	912	903	671	648	238	251	2	3	1	--
Self-employed workers, except retail trade	845	871	727	749	115	118	2	4	--	--
Sales workers	5,460	5,497	2,918	2,896	1,937	1,968	219	244	387	389
Retail trade	3,052	3,018	962	935	1,546	1,538	179	188	365	357
Other industries	2,408	2,479	1,955	1,960	391	431	40	56	22	32
Clerical workers	15,128	15,558	3,097	3,063	10,628	11,098	258	251	1,144	1,147
Stenographers, typists, and secretaries	4,371	4,468	64	68	3,940	4,047	7	7	359	346
Other clerical workers	10,757	11,090	3,033	2,995	6,688	7,051	251	244	785	801
Blue collar workers	27,962	28,958	21,171	21,782	4,433	4,721	2,049	2,070	309	385
Craft and kindred workers	10,972	11,278	10,108	10,358	476	507	364	375	24	38
Carpenters	988	1,021	935	961	6	5	47	53	--	2
Construction craft, except carpenters	2,225	2,297	2,107	2,181	22	20	93	93	3	2
Mechanics and repairers	2,897	2,977	2,730	2,807	24	29	140	138	2	3
Metal craft	1,151	1,199	1,100	1,139	24	32	27	25	1	2
Blue-collar worker supervisors, not elsewhere classified	1,393	1,443	1,269	1,317	119	117	4	6	1	3
All other	2,318	2,342	1,967	1,952	281	304	53	61	16	26
Operatives, except transport	9,637	10,085	5,356	5,543	3,502	3,701	578	592	201	248
Durable goods manufacturing	4,144	4,496	2,709	2,878	1,224	1,373	158	173	52	74
Nondurable goods manufacturing	3,106	3,232	1,217	1,252	1,699	1,761	93	99	97	120
Other industries	2,387	2,355	1,430	1,415	579	568	327	319	52	54
Transport equipment operatives	3,219	3,271	2,858	2,893	168	194	179	169	14	15
Drivers, motor vehicles	2,748	2,757	2,420	2,424	163	181	153	140	12	13
All other	471	513	438	469	5	12	26	29	2	2
Nonfarm laborers	4,134	4,325	2,849	2,988	287	319	928	934	70	84
Construction	712	732	567	585	6	8	136	135	4	3
Manufacturing	989	1,049	759	817	106	120	115	104	10	7
Other industries	2,433	2,544	1,524	1,585	175	190	678	694	57	75
Service workers	11,657	12,005	3,589	3,726	6,020	6,110	811	896	1,238	1,274
Private household workers	1,171	1,125	18	19	872	838	11	11	269	257
Service workers, except private household	10,486	10,880	3,570	3,707	5,148	5,272	800	885	969	1,017
Food service workers	3,640	3,919	650	707	1,911	2,023	455	520	624	669
Protective service workers	1,290	1,302	1,188	1,195	78	77	22	23	3	6
All other	5,556	5,659	1,732	1,805	3,159	3,172	323	342	342	342
Farm workers	2,936	2,822	2,151	2,061	403	404	325	304	57	54
Farmers and farm managers	1,593	1,514	1,472	1,408	99	88	20	15	2	2
Farm laborers and supervisors	1,343	1,309	680	653	303	315	305	289	55	52
Paid workers	976	983	635	615	99	118	207	214	35	37
Unpaid family workers	367	326	44	38	204	198	98	75	20	15

HOUSEHOLD DATA ANNUAL AVERAGES

20. Employed persons by occupation, sex, and race

[Percent distribution]

Occupation and race	Total		Males		Females	
	1975	1976	1975	1976	1975	1976
TOTAL						
Total employed (thousands)	84,783	87,485	51,230	52,391	33,553	35,095
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	49.8	49.9	41.3	41.1	62.9	63.1
Professional and technical	15.0	15.2	14.6	14.7	15.7	16.0
Managers and administrators, except farm	10.5	10.6	14.0	14.1	5.2	5.5
Sales workers	6.4	6.3	6.1	6.0	6.9	6.7
Clerical workers	17.8	17.8	6.5	6.3	35.1	34.9
Blue-collar workers	33.0	33.1	45.3	45.5	14.1	14.5
Craft and kindred workers	12.9	12.9	20.4	20.5	1.5	1.6
Operatives, except transport	11.4	11.5	11.6	11.7	11.0	11.3
Transport equipment operatives	3.8	3.7	5.9	5.8	.5	.6
Nonfarm laborers	4.9	4.9	7.4	7.5	1.1	1.1
Service workers	13.7	13.7	8.6	8.8	21.6	21.0
Private household workers	1.4	1.3	.1	.1	3.4	3.1
Other service workers	12.4	12.4	8.5	8.8	18.2	17.9
Farm workers	3.5	3.2	4.8	4.5	1.4	1.3
Farmers and farm managers	1.9	1.7	2.9	2.7	.3	.3
Farm laborers and supervisors	1.6	1.5	1.9	1.8	1.1	1.0
White						
Total employed (thousands)	75,713	78,021	46,284	47,282	29,429	30,739
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	51.7	51.8	42.9	42.8	65.5	65.6
Professional and technical	15.5	15.7	15.1	15.3	16.0	16.2
Managers and administrators, except farm	11.2	11.4	14.8	15.0	5.5	5.9
Sales workers	6.9	6.7	6.5	6.4	7.5	7.3
Clerical workers	18.1	18.0	6.4	6.2	36.5	36.2
Blue-collar workers	32.4	32.6	44.4	44.6	13.6	14.0
Craft and kindred workers	13.4	13.4	21.0	21.1	1.5	1.6
Operatives, except transport	10.9	11.0	11.2	11.3	10.5	10.7
Transport equipment operatives	3.7	3.6	5.6	5.5	.6	.6
Nonfarm laborers	4.4	4.5	6.6	6.8	1.1	1.1
Service workers	12.3	12.3	7.8	8.0	19.5	19.0
Private household workers	1.0	.9	(1)	(1)	2.4	2.2
Other service workers	11.3	11.4	7.7	7.9	17.1	16.8
Farm workers	3.6	3.3	4.9	4.6	1.4	1.4
Farmers and farm managers	2.0	1.9	3.1	2.9	.3	.3
Farm laborers and supervisors	1.5	1.5	1.8	1.7	1.1	1.1
Black and other						
Total employed (thousands)	9,070	9,464	4,947	5,108	4,124	4,356
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	34.2	34.7	26.0	25.4	44.1	45.5
Professional and technical	11.4	11.7	9.9	9.6	13.3	14.2
Managers and administrators, except farm	4.4	4.4	5.9	5.8	2.6	2.8
Sales workers	2.7	2.5	2.4	2.4	3.0	2.5
Clerical workers	15.7	16.1	7.9	7.6	25.1	26.0
Blue-collar workers	37.4	37.6	53.8	54.2	17.8	18.2
Craft and kindred workers	8.8	8.7	15.0	15.3	1.3	1.1
Operatives, except transport	15.0	15.6	15.1	15.9	14.9	15.3
Transport equipment operatives	5.0	4.9	8.7	8.8	.5	.4
Nonfarm laborers	8.7	8.3	14.9	14.3	1.1	1.4
Service workers	25.8	25.4	16.2	16.8	37.1	35.4
Private household workers	4.9	4.4	.1	.2	10.6	9.4
Other service workers	20.9	21.0	16.2	16.6	26.6	26.0
Farm workers	2.6	2.3	3.9	3.6	1.0	.9
Farmers and farm managers .....	.6	.5	1.1	.9	(1)	(1)
Farm laborers and supervisors	2.0	1.8	2.8	2.7	1.0	.8

¹ Less than 0.05 percent.

HOUSEHOLD DATA ANNUAL AVERAGES

21. Employed persons by class of worker, age, and sex

[In thousands]

Age and sex	1976								
	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	78,041	1,358	14,953	61,731	5,689	458	1,318	1,637	342
16 to 19 years	6,707	349	587	5,772	98	37	307	30	90
16 to 17 years	2,636	265	185	2,186	42	20	160	13	55
18 to 19 years	4,071	84	402	3,586	56	17	147	17	35
20 to 24 years	11,614	93	1,693	9,828	272	24	247	91	29
25 to 34 years	20,086	132	4,237	15,116	1,166	79	267	238	46
35 to 44 years	14,492	155	3,079	11,259	1,239	112	161	268	54
45 to 54 years	14,125	193	3,091	10,841	1,386	118	157	381	66
55 to 64 years	9,140	253	1,967	6,921	1,036	67	122	368	42
55 to 59 years	5,693	127	1,251	4,315	594	41	64	201	24
60 to 64 years	3,447	126	715	2,606	442	26	58	167	18
65 years and over	1,876	182	300	1,395	493	22	58	263	15
Males, 16 years and over	45,456	195	7,692	37,569	4,168	51	1,076	1,525	115
16 to 19 years	3,463	87	268	3,107	64	21	255	26	76
16 to 17 years	1,374	68	94	1,213	24	11	133	12	46
18 to 19 years	2,088	19	175	1,895	39	9	122	14	30
20 to 24 years	6,245	17	709	5,519	180	10	202	87	18
25 to 34 years	12,221	15	2,205	10,001	823	5	217	222	8
35 to 44 years	8,642	12	1,595	7,035	925	2	127	244	3
45 to 54 years	8,380	17	1,647	6,716	1,046	3	119	357	4
55 to 64 years	5,450	18	1,092	4,341	772	6	104	343	2
55 to 59 years	3,385	8	688	2,689	442	1	52	185	1
60 to 64 years	2,065	10	404	1,651	330	5	52	158	1
65 years and over	1,055	29	176	850	359	5	52	246	5
Females, 16 years and over	32,585	1,163	7,261	24,161	1,520	407	243	112	227
16 to 19 years	3,244	262	318	2,664	34	16	52	3	15
16 to 17 years	1,265	197	91	973	17	9	27	1	10
18 to 19 years	1,983	64	227	1,691	17	8	25	2	5
20 to 24 years	5,369	76	984	4,309	92	14	45	4	10
25 to 34 years	7,865	117	2,032	5,715	342	74	50	16	38
35 to 44 years	5,851	143	1,483	4,224	314	110	34	23	51
45 to 54 years	5,745	176	1,444	4,124	340	115	38	24	62
55 to 64 years	3,690	235	875	2,580	264	61	17	25	40
55 to 59 years	2,308	119	564	1,626	152	39	11	16	23
60 to 64 years	1,382	116	311	954	112	22	6	9	17
65 years and over	822	153	124	544	134	18	6	16	10

22. Employed persons by industry and occupation

[In thousands]

Industry	1976											
	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	3,297	62	30	7	68	42	9	35	213	--	8	1,514
Mining	770	94	64	3	73	224	239	47	18	--	9	--
Construction	5,162	176	612	18	376	2,848	209	169	732	--	23	--
Manufacturing	20,044	2,012	1,345	439	2,418	3,881	7,729	759	1,049	--	412	--
Durable goods	11,965	1,321	773	153	1,368	2,597	4,496	373	649	--	235	--
Nondurable goods	8,079	692	572	286	1,050	1,284	3,232	386	401	--	177	--
Transportation and public utilities	5,652	459	523	41	1,292	1,266	154	1,320	432	--	165	--
Wholesale and retail trade	18,025	357	3,463	3,821	3,067	1,389	1,038	697	1,108	--	3,085	--
Wholesale trade	3,462	124	691	803	738	297	185	343	254	--	28	--
Retail trade	14,563	232	2,772	3,018	2,329	1,092	853	354	854	--	3,057	--
Finance, insurance, and real estate	4,793	257	950	1,032	2,125	98	5	8	71	--	248	--
Services	24,948	9,031	1,732	134	4,381	1,246	657	188	542	1,125	5,913	--
Private households	1,382	9	1	--	13	6	2	3	160	1,125	64	--
Other service industries	23,566	9,022	1,731	134	4,368	1,240	655	185	382	--	5,849	--
Public administration	4,793	882	596	3	1,759	284	44	48	159	--	1,018	--

HOUSEHOLD DATA ANNUAL AVERAGES

23. Employed persons in nonagricultural industries by class of worker and sex

(In thousands)

Industry	1976					
	Total employed	Wage and salary workers			Self-employed workers	Unpaid family workers
		Total	Government	Private industries		
Total						
Mining	770	743	1	742	24	2
Construction	5,162	4,256	547	3,709	863	43
Manufacturing	20,044	19,739	138	19,601	282	23
Durable goods	11,965	11,777	103	11,674	177	12
Nondurable goods	8,079	7,962	35	7,927	106	11
Transportation and public utilities	5,652	5,425	824	4,601	216	11
Wholesale and retail trade	18,025	16,117	109	16,008	1,662	247
Wholesale trade	3,462	3,199	3	3,195	246	18
Retail trade	14,563	12,918	106	12,812	1,416	229
Finance, insurance, and real estate	4,793	4,453	133	4,320	318	22
Services	24,948	22,515	8,408	14,107	2,324	109
Private households	1,382	1,358	--	1,358	24	--
Other service industries	23,566	21,157	8,408	12,749	2,300	109
Business repair	2,959	2,330	31	2,299	582	47
Personal	2,407	1,676	17	1,659	705	25
Entertainment and recreation	922	807	115	692	110	5
Professional	17,158	16,254	8,189	8,064	875	30
Medical, except hospital	2,554	2,225	416	1,809	313	15
Hospitals	3,568	3,565	1,200	2,366	3	--
Welfare and religion	1,321	1,297	490	807	23	--
Education	7,541	7,406	5,976	1,429	134	2
Other	2,174	1,760	108	1,653	401	12
Forestry and fisheries	119	90	55	35	27	2
Public administration	4,793	4,793	4,793	--	--	--
Males						
Mining	696	673	--	673	23	--
Construction	4,823	3,971	515	3,456	848	4
Manufacturing	14,166	13,922	108	13,815	242	1
Durable goods	9,263	9,102	84	9,018	161	--
Nondurable goods	4,902	4,820	23	4,797	81	1
Transportation and public utilities	4,390	4,187	667	3,520	201	1
Wholesale and retail trade	10,147	8,944	58	8,885	1,171	32
Wholesale trade	2,655	2,422	3	2,419	231	2
Retail trade	7,492	6,521	55	6,466	940	30
Finance, insurance, and real estate	2,275	2,025	80	1,945	249	1
Services	9,913	8,468	2,997	5,470	1,435	11
Private households	196	195	--	195	1	--
Other service industries	9,717	8,273	2,997	5,275	1,434	11
Business repair	2,073	1,581	17	1,564	435	7
Personal	847	620	8	612	226	2
Entertainment and recreation	595	518	71	446	76	1
Professional	6,100	5,478	2,856	2,622	621	--
Medical, except hospital	686	422	135	288	263	--
Hospitals	848	847	359	488	2	--
Welfare and religion	588	573	137	437	14	--
Education	2,696	2,673	2,154	519	22	--
Other	1,282	962	72	890	320	--
Forestry and fisheries	102	76	45	31	25	1
Public administration	3,266	3,266	3,266	--	--	--
Females						
Mining	73	70	--	70	1	2
Construction	339	285	32	253	15	39
Manufacturing	5,879	5,817	30	5,787	41	21
Durable goods	2,702	2,675	18	2,657	16	11
Nondurable goods	3,177	3,142	12	3,130	25	10
Transportation and public utilities	1,263	1,239	158	1,081	14	10
Wholesale and retail trade	7,879	7,173	51	7,123	491	214
Wholesale trade	807	776	--	776	15	15
Retail trade	7,072	6,397	50	6,347	476	199
Finance, insurance, and real estate	2,518	2,428	52	2,375	69	22
Services	15,035	14,047	5,410	8,637	890	98
Private households	1,187	1,163	--	1,163	24	--
Other service industries	13,848	12,884	5,410	7,474	866	98
Business repair	886	749	14	735	97	40
Personal	1,560	1,057	9	1,048	480	23
Entertainment and recreation	327	289	43	246	34	4
Professional	11,058	10,776	5,333	5,442	253	29
Medical, except hospital	1,868	1,803	281	1,522	50	15
Hospitals	2,719	2,718	841	1,877	1	--
Welfare and religion	733	724	354	370	9	--
Education	4,845	4,732	3,822	910	112	2
Other	892	799	36	763	81	12
Forestry and fisheries	17	14	10	4	2	1
Public administration	1,528	1,528	1,528	--	--	--

**HOUSEHOLD DATA
ANNUAL AVERAGES**

24. Employed persons by industry, occupation, and sex

(Percent distribution)

Industry and sex	1976												Farm workers
	Total employed		White-collar workers				Blue-collar workers				Service workers		
	Numbers (in thousands)	Percent	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	
Total													
Agriculture	3,297	100.0	1.9	.9	.2	2.1	1.3	.3	1.1	6.5	--	.2	85.6
Mining	770	100.0	12.2	8.3	.4	9.5	29.1	31.0	6.1	2.3	--	1.2	--
Construction	5,162	100.0	3.4	11.9	.3	7.3	55.2	4.0	3.3	14.2	--	.4	--
Manufacturing	20,044	100.0	10.0	6.7	2.2	12.1	19.4	38.6	3.8	5.2	--	2.1	--
Durable goods	11,965	100.0	11.0	6.5	1.3	11.4	21.7	37.6	3.1	5.4	--	2.0	--
Nondurable goods	8,079	100.0	8.6	7.1	3.5	13.0	15.9	40.0	4.8	5.0	--	2.2	--
Transportation and public utilities	5,652	100.0	8.1	9.3	.7	22.9	22.4	2.7	23.4	7.6	--	2.9	--
Wholesale and retail trade	18,025	100.0	2.0	19.2	21.2	17.0	7.7	5.8	3.9	6.1	--	17.1	--
Wholesale trade	3,462	100.0	3.6	20.0	23.2	21.3	8.6	5.3	9.9	7.3	--	.8	--
Retail trade	14,563	100.0	1.6	19.0	20.7	16.0	7.5	5.9	2.4	5.9	--	21.0	--
Finance, insurance, and real estate	4,793	100.0	5.4	19.8	21.5	44.3	2.0	.1	.2	1.5	--	5.2	--
Services	24,948	100.0	36.2	6.9	.5	17.6	5.0	2.6	.8	2.2	4.5	23.7	--
Private households	1,382	100.0	.7	.1	--	.9	.4	-.1	-.2	11.6	81.3	4.6	--
Other service industries	23,566	100.0	38.3	7.3	.6	18.5	5.3	2.8	.8	1.6	--	24.8	--
Public administration	4,793	100.0	18.4	12.4	.1	36.7	5.9	.9	1.0	3.3	--	21.2	--
Males													
Agriculture	2,716	100.0	1.8	1.0	.1	.3	1.5	.3	1.2	6.5	--	.2	87.1
Mining	696	100.0	12.5	8.6	.3	2.3	32.2	34.1	6.6	2.6	--	.9	--
Construction	4,823	100.0	3.5	12.3	.3	2.2	58.7	4.3	3.5	14.9	--	.4	--
Manufacturing	14,166	100.0	12.3	8.7	2.7	5.6	25.5	31.1	5.2	6.5	--	2.4	--
Durable goods	9,263	100.0	13.1	7.8	1.5	5.4	26.8	32.9	4.0	6.3	--	2.2	--
Nondurable goods	4,902	100.0	10.7	10.4	4.9	5.9	23.1	27.6	7.6	6.9	--	3.0	--
Transportation and public utilities	4,390	100.0	9.0	10.3	.6	9.6	28.4	3.3	26.8	9.6	--	2.4	--
Wholesale and retail trade	10,147	100.0	2.5	26.7	18.4	4.9	12.3	7.7	6.7	9.4	--	11.4	--
Wholesale trade	2,655	100.0	3.8	23.8	28.1	6.8	10.9	4.6	12.8	8.5	--	.8	--
Retail trade	7,492	100.0	2.1	27.7	15.0	4.2	12.9	8.8	4.5	9.7	--	15.2	--
Finance, insurance, and real estate	2,275	100.0	7.5	29.6	33.1	13.7	4.1	.1	.4	3.1	--	8.4	--
Services	9,913	100.0	42.2	11.8	.8	4.8	11.6	3.2	1.7	4.9	.3	18.6	--
Private households	196	100.0	.5	.5	--	--	2.6	.5	1.5	77.0	15.3	2.0	--
Other service industries	9,717	100.0	43.1	12.0	.9	4.9	11.8	3.3	1.7	3.4	--	18.9	--
Public administration	3,266	100.0	20.6	14.2	.1	21.1	8.6	1.2	1.4	4.7	--	28.2	--
Females													
Agriculture	582	100.0	2.1	.5	.5	10.5	.2	.3	.5	6.0	--	.5	78.8
Mining	73	100.0	9.6	5.5	--	76.7	--	2.7	1.4	--	--	4.1	--
Construction	339	100.0	2.1	6.2	.3	79.9	5.6	.6	.6	3.3	--	1.5	--
Manufacturing	5,879	100.0	4.7	1.9	1.0	27.7	4.6	56.6	.3	2.2	--	1.1	--
Durable goods	2,702	100.0	4.0	1.7	.5	32.0	4.4	53.5	.2	2.3	--	1.2	--
Nondurable goods	3,177	100.0	5.3	2.0	1.4	24.0	4.7	59.2	.3	2.0	--	1.0	--
Transportation and public utilities	1,263	100.0	5.0	5.7	1.0	68.9	1.6	.8	11.5	.8	--	4.8	--
Wholesale and retail trade	7,879	100.0	1.3	9.6	24.8	32.6	1.7	3.3	.3	2.0	--	24.5	--
Wholesale trade	807	100.0	3.1	7.2	7.2	69.1	1.0	7.5	.5	3.6	--	.9	--
Retail trade	7,072	100.0	1.1	9.9	26.8	28.5	1.8	2.8	.2	1.8	--	27.1	--
Finance, insurance, and real estate	2,518	100.0	3.4	11.0	11.0	72.0	.2	.1	--	.1	--	2.3	--
Services	15,035	100.0	32.2	3.8	.3	26.0	.6	2.3	.1	.4	7.3	27.1	--
Private households	1,187	100.0	.7	--	--	1.1	.1	.1	.1	.8	92.2	5.1	--
Other service industries	13,848	100.0	34.9	4.1	.4	28.1	.7	2.4	.1	.3	--	28.9	--
Public administration	1,528	100.0	13.6	8.8	.1	70.1	.2	.4	.1	.4	--	6.4	--

HOUSEHOLD DATA ANNUAL AVERAGES

25. Employed persons by industry, occupation, and race

(Percent distribution)

Industry and race	1976												Farm workers
	Total employed		White-collar workers				Blue-collar workers			Service workers			
	Numbers (in thousands)	Percent	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	
WHITE													
Agriculture	3,029	100.0	2.0	1.0	.2	2.2	1.2	.3	1.0	5.9	--	.3	85.9
Mining	743	100.0	12.1	8.5	.4	9.4	29.5	30.7	6.1	2.2	--	1.2	--
Construction	4,774	100.0	3.5	12.5	.4	7.6	55.9	4.1	3.2	12.5	--	.3	--
Manufacturing	17,814	100.0	10.7	7.4	2.4	12.6	20.1	36.8	3.6	4.7	--	1.8	--
Durable goods	10,715	100.0	11.8	7.1	1.4	11.9	22.4	36.1	2.8	4.8	--	1.7	--
Nondurable goods	7,099	100.0	9.0	7.9	3.8	13.7	16.6	37.8	4.7	4.6	--	1.8	--
Transportation and public utilities	5,002	100.0	8.6	10.1	.8	22.7	23.4	2.7	22.9	6.3	--	2.5	--
Wholesale and retail trade	16,641	100.0	2.0	20.0	21.9	17.1	7.8	5.5	3.6	5.8	--	16.3	--
Wholesale trade	3,211	100.0	3.5	21.0	24.3	21.6	8.5	4.6	9.1	6.7	--	.7	--
Retail trade	13,430	100.0	1.6	19.7	21.3	16.0	7.6	5.7	2.3	5.6	--	20.0	--
Finance, insurance, and real estate	4,409	100.0	5.3	20.5	22.6	44.0	1.9	.1	.2	1.4	--	4.1	--
Services	21,508	100.0	38.1	7.5	.6	18.3	5.3	2.5	.7	2.1	3.3	21.6	--
Private households	908	100.0	.8	--	--	1.2	.6	.2	.2	14.1	77.9	5.1	--
Other service industries	20,600	100.0	39.8	7.8	.6	19.0	5.6	2.5	.8	1.5	--	22.3	--
Public administration	4,102	100.0	19.5	13.4	.1	35.0	6.0	.8	.8	2.8	--	21.6	--
BLACK AND OTHER													
Agriculture	268	100.0	--	.4	--	.7	1.9	.4	1.5	12.4	--	--	82.8
Mining	26	100.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Construction	388	100.0	2.3	3.6	--	3.6	45.9	3.6	4.6	34.5	--	1.8	--
Manufacturing	2,231	100.0	4.8	1.3	.7	7.5	13.7	52.5	5.5	9.5	--	4.5	--
Durable goods	1,250	100.0	4.7	1.3	.1	7.3	15.9	50.0	5.8	10.9	--	4.2	--
Nondurable goods	981	100.0	5.1	1.3	1.3	7.8	10.8	55.8	5.1	7.8	--	4.9	--
Transportation and public utilities	650	100.0	4.8	2.8	.3	24.0	14.6	3.2	26.6	17.8	--	5.8	--
Wholesale and retail trade	1,385	100.0	1.7	10.3	12.6	15.8	6.5	8.7	7.1	10.3	--	26.9	--
Wholesale trade	251	100.0	4.8	7.1	8.7	17.9	8.7	13.9	20.2	15.9	--	2.8	--
Retail trade	1,134	100.0	1.0	10.9	13.5	15.3	6.0	7.5	4.3	9.2	--	32.3	--
Finance, insurance, and real estate	385	100.0	5.7	12.2	9.4	48.7	3.9	.3	.3	2.6	--	16.9	--
Services	3,440	100.0	24.0	3.5	.1	13.1	2.8	3.8	.9	2.8	12.1	36.9	--
Private households	474	100.0	.4	.2	--	.4	.2	--	.4	6.7	87.8	3.8	--
Other service industries	2,966	100.0	27.8	4.0	.1	15.1	3.2	4.4	1.0	2.1	--	42.2	--
Public administration	692	100.0	11.7	6.9	--	46.7	5.5	1.6	2.3	6.4	--	18.9	--

¹ Percent not shown where base is less than 35,000

**HOUSEHOLD DATA
ANNUAL AVERAGES**

26. Employed persons in nonagricultural industries by sex, age, and race

(Percent distribution)

Age, sex, and race	1976									
	Mining	Construction	Manufacturing			Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Service industries ¹	Public administration
			Total	Durable goods	Non-durable goods					
TOTAL										
Total, 16 years and over (in thousands)	770	5,162	20,044	11,965	8,079	5,652	18,025	4,793	23,566	4,793
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
16 to 19 years	3.4	6.2	4.7	3.9	6.0	2.8	17.3	5.1	6.5	3.1
20 years and over	96.6	93.8	95.3	96.1	94.0	97.2	82.7	94.9	93.5	96.9
20 to 24 years	15.1	14.6	13.4	13.4	13.5	11.6	16.5	15.6	14.5	9.8
25 years and over	81.6	79.2	81.8	82.7	80.5	85.6	66.2	79.3	79.1	87.1
25 to 54 years	67.9	65.2	67.2	68.3	65.7	72.4	52.3	63.3	63.5	71.5
55 years and over	13.6	14.0	14.6	14.4	14.9	13.2	14.0	16.1	15.5	15.6
Males, 16 years and over	90.4	93.4	70.7	77.4	60.7	77.7	56.3	47.5	41.2	68.1
16 to 19 years	3.0	5.7	3.0	2.7	3.5	1.9	9.1	1.4	2.8	1.5
20 years and over	87.4	87.7	67.6	74.7	57.1	75.7	47.2	46.1	38.5	66.6
20 to 24 years	13.8	13.7	9.0	9.8	7.8	7.9	9.2	4.2	5.3	5.0
25 years and over	73.6	74.0	58.6	64.9	49.3	67.9	38.0	42.0	33.2	61.7
25 to 54 years	60.8	60.8	48.1	53.4	40.2	56.8	30.1	31.9	26.2	50.4
55 years and over	12.9	13.2	10.5	11.5	9.1	11.1	7.9	10.1	7.0	11.2
Females, 16 years and over	9.6	6.5	29.3	22.6	39.3	22.3	43.7	52.5	58.8	31.9
16 to 19 years .....	.4	.5	1.7	1.2	2.5	.8	8.2	3.7	3.7	1.6
20 years and over	9.2	6.1	27.6	21.4	36.8	21.5	35.5	48.9	55.1	30.3
20 to 24 years	1.3	.9	4.4	3.6	5.7	3.8	7.2	11.5	9.2	4.8
25 years and over	7.9	5.2	23.2	17.8	31.2	17.7	28.2	37.4	45.9	25.5
25 to 54 years	7.1	4.5	19.2	15.0	25.4	15.7	22.1	31.4	37.3	21.0
55 years and over .....	.8	.7	4.1	2.9	5.8	2.1	6.1	6.0	8.6	4.4
White										
Males, 16 years and over	87.4	86.2	63.2	69.4	54.0	68.8	51.7	43.7	36.8	59.9
16 to 19 years	2.7	5.3	2.8	2.5	3.2	1.7	8.4	1.3	2.5	1.2
20 years and over	84.7	80.9	60.4	66.9	50.8	67.1	43.3	42.4	34.3	58.6
20 to 24 years	13.2	12.8	7.9	8.7	6.6	6.8	8.4	3.7	4.7	4.3
25 years and over	71.4	68.1	52.6	58.2	44.2	60.3	34.9	38.7	29.7	54.4
25 to 54 years	58.7	55.8	42.8	47.6	35.7	50.4	27.5	29.3	23.4	44.2
55 years and over	12.7	12.2	9.8	10.6	8.5	9.9	7.4	9.5	6.2	10.2
Females, 16 years and over	9.1	6.3	25.6	20.1	33.8	19.7	40.6	48.4	50.6	25.7
16 to 19 years .....	.4	.4	1.5	1.1	2.2	.8	7.8	3.5	3.3	1.3
20 years and over	8.7	5.9	24.1	19.0	31.6	18.9	32.9	44.8	47.3	24.4
20 to 24 years	1.2	.8	3.8	3.2	4.6	3.1	6.6	10.4	8.1	3.9
25 years and over	7.5	5.0	20.3	15.8	27.0	15.8	26.2	34.5	39.2	20.5
25 to 54 years	6.8	4.3	16.5	13.0	21.7	13.9	20.4	28.6	31.5	16.6
55 years and over .....	.8	.7	3.8	2.8	5.3	2.0	5.8	5.8	7.7	3.9
Black and other										
Males, 16 years and over	3.0	7.2	7.4	8.0	6.6	8.9	4.6	3.8	4.4	8.2
16 to 19 years .....	.1	.4	.2	.2	.3	.2	.7	.1	.3	.3
20 years and over	2.9	6.8	7.2	7.8	6.3	8.7	3.9	3.7	4.1	7.9
20 to 24 years .....	.5	.9	1.1	1.1	1.2	1.1	.8	.4	.6	.7
25 years and over	2.3	5.9	6.0	6.6	5.2	7.6	3.1	3.3	3.5	7.3
25 to 54 years	2.2	4.9	5.3	5.8	4.5	6.4	2.6	2.6	2.8	6.2
55 years and over .....	.1	1.0	.8	.9	.6	1.1	.5	.6	.7	1.0
Females, 16 years and over .....	.4	.3	3.7	2.5	5.5	2.6	3.1	4.3	8.2	6.2
16 to 19 years	--	--	.2	.1	.3	.1	.5	.2	.4	.3
20 years and over .....	.4	.2	3.5	2.4	5.2	2.5	2.6	4.0	7.8	5.9
20 to 24 years .....	.1	--	.6	.4	1.0	.7	.6	1.1	1.1	.9
25 years and over .....	.3	.2	2.9	2.0	4.2	1.9	2.0	2.9	6.7	4.9
25 to 54 years .....	.3	.2	2.6	1.9	3.7	1.8	1.7	2.7	5.8	4.4
55 years and over	--	--	.3	.1	.5	.1	.2	.2	.9	.5

¹ Excludes private households.

HOUSEHOLD DATA ANNUAL AVERAGES

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

[In thousands]

Reason not working	All industries		Nonagricultural industries					
			Total		Wage and salary workers ¹			
					Paid absences ²		Unpaid absences ²	
	1975	1976	1975	1976	1975	1976	1975	1976
Total	5,171	5,307	5,007	5,164	2,515	2,570	2,012	2,134
Vacation	2,788	2,898	2,749	2,858	1,873	1,899	726	799
Illness	1,332	1,387	1,285	1,345	502	529	670	702
Bad weather	138	99	98	76	--	--	--	--
Industrial dispute	94	115	94	115	--	--	--	--
All other reasons	819	808	782	770	140	142	616	633
Males	2,872	2,854	2,722	2,730	1,523	1,549	893	905
Vacation	1,479	1,501	1,445	1,466	1,115	1,131	238	245
Illness	786	791	743	753	324	332	353	358
All other reasons ³	607	563	534	510	84	86	302	302
Females	2,299	2,453	2,285	2,434	993	1,022	1,118	1,228
Vacation	1,309	1,398	1,304	1,392	758	768	487	553
Illness	545	596	542	592	178	198	317	344
All other reasons ³	445	459	439	450	56	56	314	331

¹Excludes private household.

³Includes bad weather and industrial dispute, not shown separately.

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

28. Persons at work by type of industry and hours of work

Hours of work	1976					
	Thousands of persons			Percent distribution		
	All industries	Nonagri-cultural industries	Agri-culture	All industries	Nonagri-cultural industries	Agri-culture
Total at work	82,178	79,024	3,154	100.0	100.0	100.0
1-34 hours	20,583	19,615	968	25.0	24.8	30.7
1-4 hours	798	751	46	1.0	1.0	1.5
5-14 hours	3,869	3,625	244	4.7	4.6	7.7
15-29 hours	9,747	9,263	485	11.9	11.7	15.4
30-34 hours	6,169	5,976	193	7.5	7.6	6.1
35 hours and over	61,596	59,410	2,186	75.0	75.2	69.3
35-39 hours	5,729	5,579	150	7.0	7.1	4.8
40 hours	34,440	33,986	454	41.9	43.0	14.4
41 hours and over	21,427	19,845	1,582	26.1	25.1	50.2
41 to 48 hours	8,534	8,276	258	10.4	10.5	8.2
49 to 59 hours	7,142	6,725	417	8.7	8.5	13.2
60 hours and over	5,751	4,844	907	7.0	6.1	28.8
Average hours, total at work	38.7	38.4	44.6	--	--	--
Average hours, workers on full-time schedules	43.0	42.6	53.4	--	--	--

HOUSEHOLD DATA ANNUAL AVERAGES

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

[Numbers in thousands]

Reason for working less than 35 hours	1976					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	20,583	7,044	13,539	19,615	6,719	12,897
Economic reasons	3,540	1,468	2,072	3,272	1,317	1,955
Slack work	1,719	1,107	612	1,518	969	549
Material shortages or repairs to plant and equipment	57	57	--	55	55	--
New job started during week	212	212	--	205	205	--
Job terminated during week	91	91	--	88	88	--
Could find only part-time work	1,460	--	1,460	1,406	--	1,406
Other reasons	17,042	5,575	11,467	16,343	5,401	10,942
Does not want, or unavailable for, full-time work	9,420	--	9,420	9,022	--	9,022
Vacation	852	852	--	835	835	--
Illness	1,738	1,542	196	1,678	1,515	163
Bad weather	427	427	--	345	345	--
Industrial dispute	49	49	--	49	49	--
Legal or religious holiday	1,421	1,421	--	1,417	1,417	--
Full time for this job	1,334	--	1,334	1,296	--	1,296
All other reasons	1,801	1,284	517	1,701	1,240	461
Average hours:						
Economic reasons	21.2	23.7	19.4	21.3	23.9	19.5
Other reasons	21.2	26.9	18.4	21.3	27.1	18.5
Worked 30 to 34 hours:						
Economic reasons	1,002	591	411	937	544	393
Other reasons	5,167	3,260	1,907	5,039	3,204	1,835

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

[Numbers in thousands]

Industry	1976								Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	Full- or part-time status								
		On part time for economic reasons	On voluntary part time	On full-time schedules						
				Total	40 hours or less	41 to 48 hours	49 hours or more			
Total ¹	79,024	3,272	10,942	64,810	44,965	8,276	11,569	38.4	42.6	
Wage and salary workers	73,276	2,946	9,892	60,438	43,123	7,769	9,546	38.1	42.1	
Construction	4,054	301	180	3,573	2,689	380	504	38.8	41.2	
Manufacturing	18,534	542	567	17,425	12,577	2,587	2,261	40.6	41.7	
Durable goods	11,034	212	223	10,599	7,664	1,551	1,384	41.0	41.8	
Nondurable goods	7,500	330	344	6,826	4,913	1,036	877	39.9	41.7	
Transportation and public utilities	5,058	142	296	4,620	3,326	528	766	40.7	42.6	
Wholesale and retail trade	15,343	879	3,684	10,780	6,716	1,830	2,234	36.4	43.4	
Finance, insurance, and real estate	4,246	68	429	3,749	2,785	393	571	39.0	41.5	
Service industries	20,812	945	4,474	15,393	11,299	1,564	2,530	35.8	42.1	
Private households	1,296	205	694	397	266	38	93	23.0	44.8	
All other industries	19,516	740	3,780	14,996	11,033	1,526	2,437	36.6	41.9	
Public administration	4,539	58	248	4,233	3,331	392	510	39.8	41.3	
Self-employed workers	5,290	313	867	4,110	1,705	478	1,927	42.3	49.6	
Unpaid family workers	458	12	183	263	139	29	95	36.5	47.3	

¹ Includes mining not shown separately.

HOUSEHOLD DATA ANNUAL AVERAGES

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

[Numbers in thousands]

Sex, age, race, and marital status	1976							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 hours or more			
TOTAL									
Both sexes, 16 years and over	79,024	3,272	10,942	64,810	44,965	19,845	38.4	42.6	
16 to 21 years	11,075	959	3,875	6,241	4,849	1,392	30.6	40.7	
16 to 19 years	6,608	655	3,070	2,883	2,282	601	27.2	40.3	
16 to 17 years	2,608	237	1,860	511	418	93	20.4	39.1	
18 to 19 years	3,999	418	1,211	2,370	1,862	508	31.6	40.5	
20 years and over	72,417	2,617	7,871	61,929	42,685	19,244	29.3	42.7	
20 to 24 years	11,379	647	1,517	9,215	6,867	2,348	37.3	41.4	
25 years and over	61,038	1,970	6,355	52,713	35,816	16,897	39.8	43.0	
25 to 44 years	34,913	1,122	3,087	30,704	20,517	10,187	40.3	43.1	
45 to 64 years	23,941	769	2,260	20,912	14,551	6,361	39.9	42.8	
65 years and over	2,184	79	1,008	1,097	749	348	29.8	43.0	
Males, 16 years and over	46,945	1,583	3,379	41,983	26,218	15,765	41.4	44.0	
16 to 21 years	5,792	478	1,816	3,498	2,487	1,011	32.3	41.7	
16 to 19 years	3,430	324	1,483	1,623	1,196	427	28.7	41.1	
16 to 17 years	1,361	127	917	317	249	68	21.9	39.7	
18 to 19 years	2,069	196	566	1,307	948	359	33.1	41.4	
20 years and over	43,515	1,259	1,896	40,360	25,022	15,338	42.4	44.1	
20 to 24 years	6,189	336	628	5,225	3,478	1,747	39.2	42.8	
25 years and over	37,327	923	1,268	35,136	21,545	13,591	42.9	44.3	
25 to 44 years	21,463	537	367	20,559	12,269	8,290	43.6	44.5	
45 to 64 years	14,566	342	375	13,849	8,790	5,059	42.9	44.0	
65 years and over	1,297	44	525	728	486	242	31.5	43.1	
Females, 16 years and over	32,079	1,689	7,563	22,827	18,748	4,079	34.1	40.1	
16 to 21 years	5,283	480	2,059	2,744	2,365	379	28.8	39.4	
16 to 19 years	3,177	331	1,587	1,259	1,086	173	25.6	39.2	
16 to 17 years	1,248	110	942	196	170	26	18.8	38.2	
18 to 19 years	1,930	221	645	1,064	916	148	29.9	39.3	
20 years and over	28,902	1,358	5,976	21,568	17,662	3,906	35.0	40.2	
20 to 24 years	5,191	310	889	3,992	3,391	601	35.1	39.6	
25 years and over	23,711	1,046	5,087	17,578	14,273	3,305	35.0	40.3	
25 to 44 years	13,448	585	2,720	10,143	8,245	1,898	35.2	40.1	
45 to 64 years	9,375	427	1,885	7,063	5,760	1,303	35.4	40.3	
65 years and over	887	35	482	370	265	105	27.2	42.8	
RACE									
White	70,429	2,683	10,005	57,741	39,118	18,623	38.6	42.9	
Males	42,350	1,303	3,074	37,973	23,092	14,881	41.6	44.2	
Females	28,079	1,379	6,931	19,769	16,027	3,742	33.9	40.2	
Black and other	8,595	590	937	7,068	5,846	1,222	37.0	40.7	
Males	4,595	279	305	4,011	3,126	885	38.9	41.7	
Females	4,000	311	632	3,057	2,720	337	34.8	39.4	
MARITAL STATUS									
Males:									
Married, spouse present	34,169	774	1,040	32,355	19,591	12,764	43.1	44.4	
Widowed, divorced, or separated	3,128	142	176	2,810	1,770	1,040	41.5	44.1	
Single (never married)	9,648	667	2,162	6,819	4,858	1,961	35.2	42.2	
Females:									
Married, spouse present	18,268	815	4,419	13,034	10,804	2,230	34.2	39.9	
Widowed, divorced, or separated	5,934	333	914	4,687	3,719	968	36.3	40.6	
Single (never married)	7,877	543	2,230	5,104	4,223	881	32.1	40.1	

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupational group and sex	1976								
	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									
White-collar workers	41,027	960	5,684	34,383	23,187	4,018	7,178	39.2	43.1
Professional and technical	12,252	225	1,391	10,636	7,107	1,238	2,291	39.7	43.1
Managers and administrators, except farm	8,846	96	376	8,374	3,981	1,208	3,185	46.0	47.4
Sales workers	5,199	210	1,276	3,713	2,191	526	996	36.9	44.1
Clerical workers	14,730	429	2,641	11,660	9,907	1,046	707	35.6	39.7
Blue-collar workers	27,159	1,486	1,802	23,871	16,793	3,514	3,564	39.5	42.1
Craft and kindred workers	10,611	450	344	9,817	6,682	1,492	1,643	40.9	42.6
Operatives, except transport	9,413	525	542	8,346	6,276	1,210	860	39.0	41.2
Transport equipment operatives	3,048	147	247	2,654	1,506	416	732	41.7	45.1
Nonfarm laborers	4,086	364	669	3,053	2,327	396	330	35.1	40.9
Service workers	11,283	871	3,538	6,874	5,152	790	932	32.8	42.1
Private household	1,072	152	592	328	224	30	74	23.1	44.4
Other service workers	10,211	719	2,946	6,546	4,928	760	858	33.8	42.0
Males									
White-collar workers	20,458	287	1,229	18,942	10,513	2,594	5,835	43.5	45.6
Professional and technical	7,282	94	418	6,770	4,165	806	1,799	42.6	44.5
Managers and administrators, except farm	7,021	68	168	6,785	2,970	996	2,819	47.3	48.2
Sales workers	3,016	57	334	2,625	1,327	420	878	42.1	45.7
Clerical workers	3,139	68	309	2,762	2,052	372	338	38.8	41.6
Blue-collar workers	22,428	1,101	1,296	20,031	13,607	3,060	3,364	40.2	42.6
Craft and kindred workers	10,108	420	266	9,422	6,379	1,435	1,608	41.2	42.6
Operatives, except transport	5,751	223	291	5,237	3,653	857	727	40.4	42.3
Transport equipment operatives	2,865	131	157	2,577	1,450	408	719	42.6	45.2
Nonfarm laborers	3,704	327	582	2,795	2,124	360	311	35.3	40.9
Service workers	4,388	232	897	3,259	2,221	441	597	37.0	43.6
Private household	29	4	12	13	8	1	4	27.0	47.2
Other service workers	4,359	228	885	3,246	2,213	440	593	37.1	43.6
Females									
White-collar workers	20,570	673	4,455	15,442	12,674	1,424	1,344	34.9	40.1
Professional and technical	4,970	131	973	3,866	2,942	432	492	35.5	40.6
Managers and administrators, except farm	1,825	28	208	1,589	1,012	211	366	41.0	44.1
Sales workers	2,183	154	942	1,087	863	106	118	29.7	40.3
Clerical workers	11,591	359	2,332	8,900	7,856	675	369	34.7	39.2
Blue-collar workers	4,730	386	506	3,838	3,183	454	201	36.1	39.6
Craft and kindred workers	503	31	79	393	301	57	35	36.3	40.8
Operatives, except transport	3,662	302	251	3,109	2,623	353	133	36.8	39.4
Transport equipment operatives	183	16	90	77	56	8	13	27.9	41.1
Nonfarm laborers	382	37	87	258	203	36	19	33.3	40.1
Service workers	6,895	641	2,641	3,613	2,929	349	335	30.0	40.7
Private household	1,043	148	580	315	217	28	70	22.9	44.2
Other service workers	5,852	493	2,061	3,298	2,713	320	265	31.3	40.4

HOUSEHOLD DATA ANNUAL AVERAGES

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

[Numbers in thousands]

Employment status	1976								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	8,426	4,288	4,138	7,111	3,628	3,483	1,315	660	655
Civilian labor force	1,595	898	697	1,460	818	642	135	80	55
Employed	1,359	753	606	1,282	706	576	77	47	30
Agriculture	187	157	30	175	148	27	12	9	3
Nonagricultural industries	1,172	596	576	1,107	558	550	64	38	26
Unemployed	236	145	91	178	112	66	58	33	25
Unemployment rate	14.8	16.2	13.1	12.2	13.7	10.3	43.0	41.3	45.5
Not in labor force	6,831	3,390	3,441	5,651	2,810	2,841	1,180	580	600
Keeping house	121	12	109	96	10	86	25	2	23
Going to school	5,471	2,756	2,714	4,516	2,277	2,239	954	479	475
Unable to work	8	4	4	7	4	3	1	1	--
All other reasons	1,231	617	614	1,031	519	512	200	98	102

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

Characteristics	1976					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,359	753	606	100.0	100.0	100.0
Nonagricultural industries	1,172	596	576	86.2	79.2	95.0
Wage and salary workers	1,070	512	558	78.7	70.0	92.0
Private household workers	480	123	356	35.3	16.3	58.7
Government workers	62	33	29	4.6	4.5	4.8
Other wage and salary workers	528	356	172	38.9	47.3	28.4
Self-employed workers	84	71	12	6.2	9.4	2.0
Unpaid family workers	18	12	6	1.3	1.6	1.0
Agriculture	187	157	30	13.7	20.8	4.8
Wage and salary workers	108	88	20	8.0	11.7	3.3
Self-employed workers	17	16	1	1.3	2.1	.2
Unpaid family workers	61	53	8	4.5	7.0	1.3
OCCUPATION						
Total	1,359	753	606	100.0	100.0	100.0
White-collar workers	303	208	94	22.2	27.5	15.6
Professional and technical	17	8	9	1.3	1.1	1.5
Managers and administrators, except farm	3	2	1	.2	.3	.2
Sales workers	225	183	42	16.6	24.3	7.0
Clerical workers	57	14	43	4.2	1.9	7.1
Blue-collar workers	277	252	24	20.4	33.5	4.1
Craft and kindred workers	15	14	1	1.1	1.9	.2
Operatives, except transport	41	32	10	3.0	4.3	1.6
Transport equipment operatives	5	4	1	.4	.5	.2
Nonfarm laborers	216	203	13	15.9	27.0	2.1
Service workers	615	155	460	45.3	20.6	75.7
Private household workers	379	25	354	27.9	3.3	58.2
Other service workers	236	130	106	17.4	17.3	17.4
Farm workers	164	137	27	12.1	18.2	4.6
Farmers and farm managers	4	4	1	.3	.5	.2
Farm laborers and supervisors	160	133	27	11.8	17.7	4.4

HOUSEHOLD DATA ANNUAL AVERAGES

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

[In thousands]

Reasons for not seeking work	Total		Age in years								
			16-19		20-24		25-59		60 and over		
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	
Total											
Total not in labor force	58,648	59,125	7,462	7,455	4,752	4,715	23,377	23,197	23,057	23,760	
Do not want a job now	53,452	53,984	5,985	6,005	3,904 ^c	3,927	21,017	20,790	22,546	23,260	
Current activity:											
Going to school	6,291	6,386	4,393	4,406	1,397	1,450	489	516	14	13	
Ill, disabled	4,789	4,713	54	50	123	124	2,242	2,300	2,526	2,240	
Keeping house	31,334	30,763	670	615	2,004	1,955	16,686	16,168	12,008	12,025	
Retired	7,851	8,596	--	--	--	--	164	171	7,686	8,425	
Other	3,187	3,526	866	937	381	396	1,438	1,638	502	555	
Want a job now	5,196	5,141	1,477	1,450	848 ^c	788	2,360	2,407	511	500	
Reason not looking:											
School attendance	1,439	1,441	1,047	1,048	258	248	133	145	2	2	
Ill health, disability	672	648	25	21	49	49	443	443	155	135	
Home responsibilities	1,109	1,171	75	82	222	209	783	842	28	38	
Think cannot get job	1,082	910	178	141	167	121	539	454	198	196	
Job-market factors	854	643	137	101	144	98	478	364	111	80	
Personal factors	226	267	42	39	21	22	60	89	88	114	
Other reasons ¹	894	971	152	158	152 ^c	161	462	523	128	129	
Males											
Total not in labor force	15,787	16,341	3,286	3,307	1,349	1,330	2,820	2,998	8,333	8,707	
Do not want a job now	14,145	14,745	2,595	2,636	1,069	1,085	2,398	2,566	8,081	8,462	
Current activity:											
Going to school	3,191	3,207	2,146	2,142	788	787	254	276	2	2	
Ill, disabled	2,554	2,588	26	29	68	66	1,207	1,283	1,253	1,210	
Keeping house	219	221	16	12	10	5	54	54	141	150	
Retired	6,428	6,816	--	--	--	--	142	148	6,284	6,666	
Other	1,753	1,913	407	454	203	223	741	801	401	434	
Want a job now	1,642	1,596	690	671	281	245	421	432	251	245	
Reason not looking:											
School attendance	736	722	535	527	146	136	55	57	1	2	
Ill health, disability	299	280	13	11	28	20	170	174	88	74	
Think cannot get job	359	321	88	68	57	45	106	108	109	100	
Other reasons ¹	248	273	54	65	50	44	90	93	53	69	
Females											
Total not in labor force	42,861	42,784	4,177	4,148	3,403	3,385	20,559	20,198	14,722	15,053	
Do not want a job now	39,307	39,236	3,388	3,369	2,836	2,843	18,621	18,225	14,461	14,799	
Current activity:											
Going to school	3,100	3,177	2,247	2,263	609	663	235	240	9	11	
Ill, disabled	2,235	2,126	27	20	55	58	1,036	1,015	1,119	1,030	
Keeping house	31,115	30,542	656	602	1,995	1,950	16,632	16,113	11,833	11,876	
Retired	1,423	1,780	--	--	--	--	21	22	1,402	1,759	
Other	1,434	1,612	458	483	177	172	697	836	101	122	
Want a job now	3,553	3,548	787	779	567	542	1,939	1,973	259	254	
Reason not looking:											
School attendance	703	720	512	521	112	112	78	86	1	--	
Ill health, disability	373	368	12	10	21	29	273	269	67	61	
Home responsibilities	1,109	1,171	75	82	222	209	783	842	28	38	
Think cannot get job	722	590	90	73	110	75	433	346	88	95	
Other reasons	646	699	98	93	102	117	372	430	75	60	

¹ Includes small number of men not looking for work because of "home responsibilities."

c=corrected.

HOUSEHOLD DATA ANNUAL AVERAGES

36. Job desire of persons not in labor force and reasons for not seeking work by age, race, and sex

(In thousands)

Reasons for not seeking work	Total		Age in years						Males		Females	
			16-24		25-59		60 and over		1975	1976	1975	1976
	1975	1976	1975	1976	1975	1976	1975	1976				
WHITE												
Total not in labor force	51,416	51,692	9,909	9,778	20,581	20,361	20,930	21,553	13,504	13,916	37,912	37,776
Do not want a job now	47,425	47,754	8,189	8,139	18,740	18,488	20,497	21,125	12,233	12,699	35,192	35,055
Current activity:												
Going to school	5,142	5,175	4,745	4,742	386	423	11	13	2,617	2,619	2,529	2,556
Ill, disabled	3,863	3,778	139	139	1,760	1,784	1,964	1,857	2,092	2,094	1,771	1,684
Keeping house	28,532	28,044	2,300	2,209	15,202	14,757	11,027	11,080	175	192	28,357	27,852
Retired	7,198	7,832	--	--	154	157	7,043	7,675	5,895	6,231	1,303	1,601
Other	2,685	2,925	1,002	1,051	1,235	1,374	449	500	1,454	1,563	1,231	1,362
Want a job now	3,991	3,938	1,720	1,639	1,841	1,873	433	428	1,271	1,217	2,720	2,721
Reason not looking:												
School attendance	1,107	1,084	1,003	977	104	105	2	2	571	554	536	530
Ill health, disability	487	455	52	45	307	306	129	103	230	207	257	248
Home responsibilities ¹	854	896	194	193	636	672	24	31	--	--	854	896
Think cannot get job	776	683	222	171	390	339	164	173	258	232	518	451
Other reasons	767	820	249	253	404	451	114	119	212	224	555	596
BLACK AND OTHER												
Total not in labor force	7,232	7,433	2,306	2,391	2,800	2,836	2,127	2,207	2,283	2,425	4,949	5,008
Do not want a job now	6,028	6,230	1,698	1,779	2,279	2,307	2,051	2,132	1,912	2,047	4,116	4,183
Current activity:												
Going to school	1,145	1,209	1,043	1,115	102	95	1	1	574	588	571	621
Ill, disabled	926	937	39	36	482	517	406	382	462	494	464	443
Keeping house	2,802	2,719	374	361	1,483	1,414	947	947	44	29	2,758	2,690
Retired	653	764	--	--	10	13	643	751	533	585	120	179
Other	503	600	245	282	204	265	54	54	299	350	204	250
Want a job now	1,204	1,203	608	600	521	529	76	75	371	378	833	825
Reason not looking:												
School attendance	331	358	302	319	30	37	--	--	165	168	166	190
Ill health, disability	185	192	21	25	137	136	27	33	69	73	116	119
Home responsibilities ¹	255	275	104	100	148	168	4	7	--	--	255	275
Think cannot get job	306	227	123	90	148	115	33	23	101	89	205	138
Other reasons	127	151	58	66	58	73	12	12	36	48	91	103

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

37. Persons not in labor force who desire work but think they cannot get jobs by age, race, sex, and detailed reason

(In thousands)

1976

Detailed reason for not seeking work	Total	Age in years				Race	
		16-19	20-24	25-59	60 and over	White	Black and other
TOTAL							
Personal factors:							
Employers think too young or old	146	21	--	19	105	133	13
Lacks education or training	78	11	16	44	5	61	18
Other personal handicap	43	7	6	26	4	32	10
Job-market factors:							
Could not find job	367	75	63	194	35	235	133
Thinks no job available	276	26	35	170	45	223	53
Males							
Personal factors:							
Employers think too young or old	66	9	--	7	51	59	7
Lacks education or training	21	5	6	10	--	12	9
Other personal handicap	18	4	3	10	2	13	4
Job-market factors:							
Could not find job	139	37	27	53	22	83	56
Thinks no job available	77	13	9	28	26	65	12
Females							
Personal factors:							
Employers think too young or old	80	12	--	14	55	74	6
Lacks education or training	57	7	11	36	5	49	9
Other personal handicap	25	4	3	16	3	19	6
Job-market factors:							
Could not find job	228	38	16	142	13	152	77
Thinks no job available	199	13	26	141	20	158	41

HOUSEHOLD DATA ANNUAL AVERAGES

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

(Numbers in thousands)

Most recent work experience and reason for leaving job	Total		Age in years						White		Black and other	
			16-24		25-59		60 and over		1975	1976	1975	1976
	1975	1976	1975	1976	1975	1976	1975	1976				
Total, not in labor force	58,648	59,125	12,214	12,170	23,379	23,197	23,057	23,760	51,416	51,692	7,232	7,433
Never worked	9,907	9,925	4,901	5,012	2,341	2,299	2,665	2,614	8,228	8,112	1,679	1,813
Last worked over 5 years ago	27,526	28,088	334	343	12,015	11,893	15,178	15,852	29,677	25,189	2,849	2,899
Last worked 1 to 5 years ago	11,103	11,427	1,969	2,048	5,353	5,505	3,779	3,874	9,745	10,000	1,358	1,428
Left job during previous 12 months	10,111	9,684	5,009	4,768	3,668	3,498	1,434	1,418	8,765	8,391	1,346	1,293
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	44.4	43.3	60.5	59.2	37.5	36.9	6.2	5.8	45.2	44.4	40.1	36.8
Ill health, disability	8.7	8.9	1.9	2.1	14.5	15.1	17.5	16.6	8.2	8.1	12.0	13.7
Retirement, old age	7.9	8.4	--	--	3.0	3.0	47.7	49.8	8.5	8.9	3.7	4.8
Economic reasons	21.4	20.8	19.2	19.4	25.2	23.5	19.0	18.8	20.5	19.9	27.3	26.4
End of seasonal job	8.5	8.9	9.0	9.8	8.3	8.5	7.3	7.1	7.9	8.5	12.2	11.7
Slack work	7.2	5.8	5.6	4.2	9.9	8.0	6.0	5.4	6.8	5.5	9.5	7.2
End of temporary job	5.7	6.1	4.7	5.5	7.1	7.0	5.8	6.2	5.7	5.9	5.7	7.5
All other reasons	17.6	18.6	18.3	19.3	19.7	21.5	9.6	9.0	17.7	18.7	16.7	18.3
Males, not in labor force	15,787	16,341	4,635	4,637	2,820	2,998	8,333	8,707	13,504	13,916	2,283	2,425
Never worked	2,056	2,222	1,833	1,948	194	224	29	50	1,548	1,649	508	573
Last worked over 5 years ago	6,323	6,622	40	37	931	1,018	5,352	5,567	5,541	5,792	781	830
Last worked 1 to 5 years ago	3,515	3,774	434	490	955	1,047	2,125	2,237	3,045	3,287	470	487
Left job during previous 12 months	3,893	3,723	2,328	2,161	738	709	827	853	3,370	3,188	523	535
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	38.9	37.4	58.7	57.1	16.8	19.2	3.1	2.5	39.5	37.9	35.4	34.6
Ill health, disability	10.5	11.2	2.0	2.3	30.8	31.2	16.5	17.0	10.1	10.5	13.4	15.3
Retirement, old age	13.7	14.4	--	--	9.2	8.3	56.2	55.7	14.7	15.4	6.9	7.9
Economic reasons	19.5	19.5	20.2	20.4	19.4	19.5	17.1	17.4	18.4	18.6	26.6	24.3
End of seasonal job	8.7	9.0	10.2	10.8	5.4	5.6	7.5	7.4	8.0	8.9	13.2	9.7
Slack work	6.7	5.7	5.8	4.5	11.3	10.3	4.7	5.0	6.3	5.4	8.8	7.9
End of temporary job	4.1	4.7	4.2	5.0	2.7	3.5	5.0	4.9	4.0	4.4	4.6	6.7
All other reasons	17.4	17.6	19.1	20.2	23.7	21.8	7.0	7.5	17.3	17.5	17.8	17.9
Females, not in labor force	42,861	42,784	7,580	7,533	20,559	20,198	14,722	15,053	37,912	37,776	4,949	5,008
Never worked	7,851	7,703	3,069	3,063	2,147	2,075	2,635	2,564	6,680	6,463	1,171	1,240
Last worked over 5 years ago	21,204	21,466	294	305	11,084	10,875	9,826	10,285	19,136	19,397	2,068	2,069
Last worked 1 to 5 years ago	7,588	7,654	1,534	1,559	4,398	4,458	1,654	1,638	6,700	6,713	888	941
Left job during previous 12 months	6,218	5,961	2,682	2,606	2,930	2,790	606	565	5,395	5,203	823	758
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	47.9	47.1	62.1	61.0	42.6	41.4	10.4	11.0	48.7	48.3	43.1	38.4
Ill health, disability	7.6	7.4	1.9	1.8	10.5	11.0	18.8	15.9	7.0	6.7	11.2	12.5
Retirement, old age	4.2	4.6	--	--	1.4	1.7	36.3	40.5	4.6	4.9	1.7	2.6
Economic reasons	22.6	21.6	18.4	18.6	26.7	24.5	21.5	21.2	21.8	20.7	27.9	27.8
End of seasonal job	8.3	8.8	7.9	8.9	9.0	9.2	6.9	6.9	7.8	8.2	11.5	13.1
Slack work	7.6	5.8	5.4	4.0	9.5	7.4	7.6	6.0	7.2	5.6	10.0	6.7
End of temporary job	6.7	7.0	5.0	5.8	8.2	7.9	6.9	6.3	6.7	6.9	6.4	8.0
All other reasons	17.7	19.2	17.6	18.6	18.8	21.5	13.0	11.5	18.0	19.3	16.0	18.6

39. Work-seeking intentions of persons not in labor force and work history of those who intend to seek work within next 12 months by age, race, and sex

(In thousands)

Work-seeking intentions and work history	Total		Age in years						White		Black and other	
			16-24		25-59		60 and over		1975	1976	1975	1976
	1975	1976	1975	1976	1975	1976	1975	1976				
Total	49,383	50,064	6,754	6,922	20,090	19,890	22,541	23,251	43,948	44,376	5,435	5,688
Do not intend to seek work	9,265	9,060	5,460	5,247	3,289	3,305	516	508	7,468	7,314	1,797	1,745
Intend to seek work in the next 12 months	1,699	1,690	1,584	1,577	107	110	8	3	1,257	1,263	441	427
Never worked	1,026	1,055	45	48	874	890	106	117	847	879	179	177
Last worked over 5 years ago	1,908	2,064	734	773	995	1,094	180	197	1,477	1,604	431	460
Last worked 1 to 5 years ago	4,633	4,250	3,097	2,847	1,314	1,212	223	191	3,886	3,569	747	681
Worked during previous 12 months												
Males	12,416	13,124	2,108	2,288	2,236	2,395	8,072	8,440	10,745	11,312	1,672	1,813
Do not intend to seek work	3,371	3,216	2,527	2,347	584	602	261	265	2,759	2,603	611	612
Intend to seek work in the next 12 months	687	685	673	667	14	18	--	--	508	508	177	177
Never worked	102	120	8	11	55	66	40	44	80	92	22	28
Last worked over 5 years ago	538	571	252	258	188	209	98	103	414	456	124	115
Last worked 1 to 5 years ago	2,045	1,840	1,594	1,411	327	311	123	119	1,757	1,548	288	292
Worked during previous 12 months												
Females	36,966	36,939	4,647	4,633	17,853	17,496	14,466	14,810	33,203	33,064	3,763	3,875
Do not intend to seek work	5,895	5,844	2,933	2,899	2,706	2,702	256	242	4,709	4,711	1,186	1,133
Intend to seek work in the next 12 months	1,013	1,005	912	910	94	92	8	3	749	755	264	250
Never worked	923	935	38	39	818	824	66	73	767	787	157	149
Last worked over 5 years ago	1,370	1,494	480	515	807	884	82	95	1,063	1,148	307	345
Last worked 1 to 5 years ago	2,588	2,410	1,503	1,436	986	901	100	72	2,129	2,021	459	389
Worked during previous 12 months												

**HOUSEHOLD DATA
ANNUAL AVERAGES**

4 0. Employment status of the civilian noninstitutional population and the white, black, and Spanish origin components by sex and age

[Numbers in thousands]

Employment status	Total		White		Black ¹		Spanish origin ²	
	1975	1976	1975	1976	1975	1976	1975	1976
TOTAL								
Civilian noninstitutional population	151,268	153,904	133,501	135,569	15,541	15,945	6,689	6,843
Civilian labor force	92,613	94,773	82,084	83,876	9,213	9,393	4,058	4,146
Percent of population	61.2	61.6	61.5	61.9	58.7	58.9	60.7	60.6
Employment	84,783	87,485	75,713	78,021	7,782	8,093	3,561	3,668
Agriculture	3,380	3,297	3,097	3,029	240	226	195	204
Nonagricultural industries	81,403	84,188	72,616	74,992	7,541	7,867	3,366	3,465
Unemployment	7,830	7,288	6,371	5,855	1,341	1,301	497	478
Unemployment rate	8.5	7.5	7.8	7.0	14.7	13.8	12.2	11.5
Not in labor force	58,655	59,130	51,416	51,692	6,418	6,552	2,632	2,697
Males, 20 years and over								
Civilian noninstitutional population	63,357	64,561	56,501	57,482	5,954	6,101	2,664	2,720
Civilian labor force	50,855	51,527	45,617	46,178	4,514	4,582	2,278	2,288
Percent of population	80.3	79.8	80.7	80.3	75.8	75.1	85.5	84.1
Employment	47,427	48,486	42,801	43,704	3,955	4,068	2,057	2,076
Agriculture	2,422	2,359	2,216	2,153	178	173	150	145
Nonagricultural industries	45,005	46,128	40,585	41,551	3,777	3,895	1,907	1,931
Unemployment	3,428	3,041	2,816	2,474	559	514	220	212
Unemployment rate	6.7	5.9	6.2	5.4	12.4	11.2	9.7	9.3
Not in labor force	12,502	13,034	10,884	11,304	1,440	1,519	386	432
Females, 20 years and over								
Civilian noninstitutional population	71,650	72,917	63,145	64,134	7,427	7,618	3,083	3,171
Civilian labor force	32,959	34,276	28,609	29,659	3,786	3,992	1,345	1,408
Percent of population	46.0	47.0	45.3	46.2	51.0	52.4	43.6	44.4
Employment	30,310	31,730	26,459	27,634	3,328	3,528	1,189	1,246
Agriculture	505	511	467	477	30	29	19	31
Nonagricultural industries	29,805	31,218	25,993	27,157	3,299	3,499	1,171	1,216
Unemployment	2,649	2,546	2,149	2,025	458	464	156	162
Unemployment rate	8.0	7.4	7.5	6.8	12.1	11.6	11.6	11.5
Not in labor force	38,691	38,641	34,537	34,475	3,641	3,626	1,738	1,763
Both sexes, 16-19 years								
Civilian noninstitutional population	16,261	16,426	13,854	13,952	2,160	2,227	943	952
Civilian labor force	8,799	8,970	7,858	8,039	823	820	435	450
Percent of population	54.1	54.6	56.7	57.6	38.1	36.8	46.1	47.3
Employment	7,046	7,269	6,452	6,683	498	497	315	346
Agriculture	453	427	414	399	33	24	26	28
Nonagricultural industries	6,593	6,842	6,038	6,284	465	473	289	318
Unemployment	1,752	1,701	1,406	1,356	324	323	121	104
Unemployment rate	19.9	19.0	17.9	16.9	39.4	39.3	27.7	23.1
Not in labor force	7,462	7,455	5,996	5,914	1,338	1,407	508	503

¹ According to the 1970 Census, black workers comprised about 89 percent of the "black and other" population group.

means that they are also included in the data for white and black workers. At the time of the 1970 Census, approximately 96 percent of their population was white.

² Data on persons of Spanish origin are tabulated separately, without regard to race, which

**HOUSEHOLD DATA
ANNUAL AVERAGES**

41. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

[Numbers in thousands]

Employment status	Total			White			Black and other		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
VETERANS¹									
Total, 20 to 34 years:									
Civilian noninstitutional population	6,156	6,467	6,704	5,558	5,825	6,006	598	642	698
Civilian labor force	5,820	6,065	6,318	5,278	5,493	5,697	542	572	621
Employed	5,510	5,500	5,817	5,028	5,019	5,290	481	481	527
Unemployed	310	565	501	249	474	407	61	91	94
Unemployment rate	5.3	9.3	7.9	4.7	8.6	7.1	11.3	15.9	15.1
20 to 24 years									
Civilian noninstitutional population	1,376	1,175	1,086	1,210	1,014	914	166	161	172
Civilian labor force	1,234	1,019	941	1,093	893	810	141	126	131
Employed	1,099	817	777	988	730	681	111	87	96
Unemployed	135	202	164	105	163	129	30	39	35
Unemployment rate	10.9	19.8	17.4	9.6	18.3	15.9	21.0	31.0	26.7
25 to 29 years									
Civilian noninstitutional population	3,420	3,481	3,296	3,114	3,166	2,985	306	315	311
Civilian labor force	3,259	3,290	3,117	2,978	3,000	2,830	281	290	287
Employed	3,120	3,030	2,888	2,862	2,775	2,637	257	255	251
Unemployed	139	260	229	116	225	193	23	35	36
Unemployment rate	4.3	7.9	7.3	3.9	7.5	6.8	8.2	12.1	12.5
30 to 34 years									
Civilian noninstitutional population	1,360	1,811	2,322	1,233	1,645	2,107	126	166	215
Civilian labor force	1,327	1,756	2,260	1,207	1,600	2,057	121	156	203
Employed	1,291	1,652	2,152	1,178	1,514	1,972	112	139	180
Unemployed	36	103	108	28	86	85	8	17	23
Unemployment rate	2.7	5.9	4.8	2.9	5.4	4.1	6.7	10.9	11.3
NONVETERANS									
Total, 20 to 34 years:									
Civilian noninstitutional population	14,992	15,879	16,726	13,033	13,812	14,572	1,959	2,067	2,154
Civilian labor force	13,590	14,279	15,094	11,884	12,522	13,272	1,706	1,757	1,822
Employed	12,777	12,874	13,817	11,243	11,398	12,259	1,534	1,476	1,558
Unemployed	813	1,405	1,277	641	1,124	1,013	172	281	264
Unemployment rate	6.0	9.8	8.5	5.4	9.0	7.6	10.1	16.0	14.5
20 to 24 years									
Civilian noninstitutional population	7,060	7,572	7,909	6,165	6,626	6,923	895	946	986
Civilian labor force	6,018	6,379	6,725	5,289	5,638	5,948	730	741	777
Employed	5,523	5,522	5,966	4,898	4,940	5,342	625	582	624
Unemployed	496	857	759	391	698	606	105	159	153
Unemployment rate	8.2	13.4	11.3	7.4	12.4	10.2	14.3	21.5	19.7
25 to 29 years									
Civilian noninstitutional population	4,100	4,437	5,010	3,570	3,858	4,365	530	579	645
Civilian labor force	3,884	4,193	4,720	3,405	3,675	4,150	478	518	570
Employed	3,693	3,857	4,389	3,252	3,409	3,889	441	448	500
Unemployed	190	336	331	153	266	261	37	70	70
Unemployment rate	4.9	8.0	7.0	4.5	7.2	6.3	7.8	13.5	12.3
30 to 34 years									
Civilian noninstitutional population	3,832	3,870	3,807	3,298	3,328	3,284	534	542	523
Civilian labor force	3,687	3,707	3,649	3,190	3,209	3,174	498	498	475
Employed	3,561	3,495	3,462	3,093	3,049	3,028	468	446	434
Unemployed	127	212	187	97	160	146	30	52	41
Unemployment rate	3.4	5.7	5.1	3.0	5.0	4.6	6.0	10.4	8.6

¹ Vietnam-era veterans are those who served between August 5, 1964, and April 30, 1975.

HOUSEHOLD DATA ANNUAL AVERAGES

42. Employment status of the population in metropolitan and nonmetropolitan areas by sex, age, and race

(Numbers in thousands)

Employment status	Metropolitan areas						Nonmetropolitan areas					
	Total		Central cities		Suburbs		Total		Farm		Nonfarm	
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976
Total												
Civilian noninstitutional population	103,355	104,893	44,956	45,178	58,399	59,715	47,913	49,011	5,250	4,862	42,663	44,149
Civilian labor force	64,227	65,584	27,076	27,353	37,151	38,231	28,386	29,190	3,238	2,999	25,148	26,191
Percent of population	62.1	62.5	60.2	60.5	63.6	64.0	59.2	59.6	61.7	61.7	58.9	59.3
Employed	58,657	60,335	24,465	24,835	34,192	35,500	26,126	27,150	3,129	2,920	22,997	24,230
Unemployed	5,570	5,248	2,612	2,518	2,958	2,730	2,260	2,040	109	79	2,151	1,961
Unemployment rate	8.7	8.0	9.6	9.2	8.0	7.1	8.0	7.0	3.4	2.6	8.6	7.5
Not in labor force	39,129	39,309	17,879	17,825	21,250	21,484	19,527	19,821	2,012	1,863	17,515	17,958
Males, 20 years and over												
Civilian noninstitutional population	43,139	43,826	18,403	18,541	24,736	25,285	20,218	20,735	2,360	2,188	17,858	18,547
Civilian labor force	35,060	35,440	14,408	14,427	20,652	21,013	15,795	16,087	2,008	1,845	13,787	14,242
Percent of population	81.3	80.9	78.3	77.8	83.5	83.1	78.1	77.6	85.1	84.3	77.2	76.8
Employed	32,568	33,213	13,201	13,287	19,367	19,926	14,859	15,273	1,968	1,816	12,891	13,457
Unemployed	2,492	2,227	1,207	1,140	1,285	1,087	936	813	40	29	896	784
Unemployment rate	7.1	6.3	8.4	7.9	6.2	5.2	5.9	5.1	2.0	1.6	6.5	5.5
Not in labor force	8,079	8,386	3,995	4,114	4,084	4,272	4,423	4,649	352	343	4,071	4,306
Females, 20 years and over												
Civilian noninstitutional population	49,188	49,895	22,012	22,116	27,176	27,779	22,462	23,022	2,216	2,075	20,246	20,947
Civilian labor force	23,147	24,015	10,375	10,642	12,772	13,373	9,812	10,261	867	835	8,945	9,496
Percent of population	47.1	48.1	47.1	48.1	47.0	48.1	43.7	44.6	39.1	40.2	44.2	45.0
Employed	21,328	22,216	9,531	9,797	11,797	12,419	8,982	9,513	825	805	8,157	8,708
Unemployed	1,820	1,799	844	843	976	956	830	748	42	30	788	718
Unemployment rate	7.9	7.5	8.1	7.9	7.6	7.1	8.5	7.3	4.9	3.6	8.8	7.6
Not in labor force	26,041	25,880	11,638	11,475	14,403	14,405	12,650	12,761	1,349	1,240	11,301	11,521
Both sexes, 16-19 years												
Civilian noninstitutional population	11,028	11,172	4,541	4,521	6,487	6,651	5,233	5,253	674	600	4,559	4,653
Civilian labor force	6,020	6,128	2,294	2,285	3,726	3,843	2,779	2,842	363	320	2,416	2,522
Percent of population	54.6	54.9	50.5	50.5	57.4	57.8	53.1	54.1	53.9	53.3	53.0	54.2
Employed	4,761	4,906	1,732	1,751	3,029	3,155	2,285	2,363	336	300	1,949	2,063
Unemployed	1,259	1,222	562	535	697	687	494	479	27	20	467	459
Unemployment rate	20.9	19.9	24.5	23.4	18.7	17.9	17.8	16.8	7.4	6.3	19.3	18.2
Not in labor force	5,008	5,044	2,247	2,236	2,761	2,808	2,454	2,411	311	280	2,143	2,131
White												
Civilian noninstitutional population	89,662	90,814	34,796	34,855	54,866	55,959	43,839	44,755	4,886	4,559	38,953	40,196
Civilian labor force	56,026	57,091	21,130	21,321	34,896	35,770	26,058	26,785	3,029	2,841	23,029	23,944
Percent of population	62.5	62.9	60.7	61.2	63.6	63.9	59.4	59.8	62.0	62.3	59.1	59.6
Employed	51,588	52,971	19,335	19,642	32,233	33,329	24,125	25,050	2,937	2,771	21,188	22,279
Unemployed	4,438	4,120	1,775	1,680	2,663	2,440	1,933	1,735	93	69	1,840	1,666
Unemployment rate	7.9	7.2	8.4	7.9	7.6	6.8	7.4	6.5	3.1	2.4	8.0	7.0
Not in labor force	33,636	33,723	13,666	13,534	19,970	20,189	17,781	17,969	1,857	1,718	15,924	16,251
Black and other												
Civilian noninstitutional population	13,693	14,079	10,160	10,322	3,533	3,757	4,074	4,256	364	303	3,710	3,953
Civilian labor force	8,201	8,492	5,945	6,033	2,256	2,459	2,328	2,405	208	159	2,120	2,246
Percent of population	59.9	60.3	58.5	58.4	63.9	65.5	57.1	56.5	57.3	52.3	57.1	56.8
Employed	7,069	7,364	5,110	5,193	1,959	2,171	2,001	2,100	192	149	1,809	1,951
Unemployed	1,131	1,129	836	840	295	289	327	304	16	10	311	294
Unemployment rate	13.8	13.3	14.1	13.9	13.1	11.8	14.1	12.7	7.9	6.1	14.7	13.1
Not in labor force	5,493	5,586	4,214	4,290	1,279	1,296	1,746	1,852	155	145	1,591	1,707

**HOUSEHOLD DATA
ANNUAL AVERAGES**

43. Employment status of the population in poverty and nonpoverty areas by race

(Number in thousands)

Employment status	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976
Total												
Civilian noninstitutional population	28,901	29,083	122,367	124,821	11,713	11,634	91,642	93,258	17,188	17,448	30,725	31,563
Civilian labor force	15,702	15,821	76,911	78,952	6,147	6,078	58,079	59,506	9,555	9,743	18,831	19,446
Percent of population	54.3	54.4	62.9	63.3	52.5	52.2	63.4	63.8	55.6	55.8	61.3	61.6
Employed	14,051	14,308	70,732	73,177	5,299	5,258	53,358	55,077	8,753	9,050	17,374	18,100
Unemployed	1,651	1,513	6,179	5,775	849	820	4,721	4,428	802	693	1,458	1,346
Unemployment rate	10.5	9.6	8.0	7.3	13.8	13.5	8.1	7.4	8.4	7.1	7.7	6.9
Not in labor force	13,199	13,261	45,456	45,869	5,566	5,557	33,563	33,753	7,633	7,705	11,894	12,116
White												
Civilian noninstitutional population	20,398	20,479	113,103	115,090	6,051	5,983	83,611	84,831	14,347	14,496	29,491	30,259
Civilian labor force	11,269	11,378	70,815	72,498	3,260	3,211	52,766	53,881	8,009	8,168	18,049	18,617
Percent of population	55.2	55.6	62.6	63.0	53.9	53.7	63.1	63.5	55.8	56.3	61.2	61.5
Employed	10,329	10,541	65,384	67,480	2,910	2,874	48,677	50,097	7,419	7,667	16,706	17,383
Unemployed	939	837	5,432	5,018	350	337	4,089	3,783	590	501	1,343	1,235
Unemployment rate	8.3	7.4	7.7	6.9	10.7	10.5	7.7	7.0	7.4	6.1	7.4	6.6
Not in labor force	9,129	9,100	42,287	42,592	2,790	2,772	30,845	30,950	6,339	6,328	11,442	11,641
Black and other												
Civilian noninstitutional population	8,503	8,604	9,264	9,731	5,663	5,651	8,031	8,427	2,841	2,952	1,234	1,304
Civilian labor force	4,433	4,443	6,095	6,454	2,887	2,867	5,314	5,625	1,546	1,576	782	829
Percent of population	52.1	51.6	65.8	66.3	51.0	50.7	66.2	66.7	54.4	53.4	63.4	63.6
Employed	3,722	3,767	5,348	5,697	2,388	2,384	4,681	4,980	1,334	1,383	667	717
Unemployed	711	676	747	757	499	483	633	645	213	192	114	112
Unemployment rate	16.0	15.2	12.3	11.7	17.3	16.9	11.9	11.5	13.8	12.2	14.6	13.5
Not in labor force	4,070	4,161	3,169	3,277	2,776	2,784	2,717	2,802	1,295	1,377	452	475

44. Unemployment rates for selected labor force groups in poverty and nonpoverty areas by sex, age, and race

Sex, age, and race	Total United States				Metropolitan areas				Nonmetropolitan areas			
	Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas		Poverty areas		Nonpoverty areas	
	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976	1975	1976
Total												
Both sexes, 16 years and over	10.5	9.6	8.0	7.3	13.8	13.5	8.1	7.4	8.4	7.1	7.7	6.9
Males, 20 years and over	8.6	7.5	6.4	5.6	12.4	11.9	6.6	5.7	6.3	4.8	5.7	5.2
Females, 20 years and over	9.5	8.9	7.7	7.1	10.5	10.9	7.6	7.1	8.7	7.6	8.3	7.2
Both sexes, 16-19 years	25.9	24.1	18.7	17.9	36.0	33.2	19.4	18.6	19.6	18.6	16.9	16.0
White												
Both sexes, 16 years and over	8.3	7.4	7.7	6.9	10.7	10.5	7.7	7.0	7.4	6.1	7.4	6.6
Males, 20 years and over	6.8	5.8	6.1	5.3	9.7	9.4	6.3	5.4	5.6	4.4	5.5	5.0
Females, 20 years and over	8.1	7.2	7.4	6.8	8.6	9.1	7.2	6.7	7.9	6.4	8.0	6.9
Both sexes, 16-19 years	19.1	17.6	17.7	16.8	26.2	22.9	18.2	17.3	16.4	15.7	16.3	15.3
Black and other												
Both sexes, 16 years and over	16.0	15.2	12.3	11.7	17.3	16.9	11.9	11.5	13.8	12.2	14.6	13.5
Males, 20 years and over	13.8	12.4	10.2	9.4	15.8	15.1	10.0	9.2	10.2	7.7	11.1	10.5
Females, 20 years and over	12.4	12.6	10.8	10.4	12.3	12.6	10.3	10.1	12.7	12.7	14.6	12.8
Both sexes, 16-19 years	40.7	40.0	33.2	34.5	45.5	43.3	33.5	35.2	32.9	33.8	31.4	30.8

ESTABLISHMENT DATA ANNUAL AVERAGES

1. Employees on nonagricultural payrolls, by industry and major manufacturing group

[In thousands]

Industry	1973	1974	1975	1976p	Change from	
					1974-75	1975-76p
TOTAL	76,896	78,413	76,985#	79,115#	-1,428#	2,130#
GOODS-PRODUCING	24,727	24,697	22,549#	23,107#	-2,148#	558#
MINING	644	694	745	783	51	38
CONTRACT CONSTRUCTION	4,015	3,957	3,457#	3,370#	-500#	-87#
MANUFACTURING	20,068	20,046	18,347	18,954	-1,699	607
DURABLE GOODS	11,839	11,895	10,679	11,028	-1,216	349
Ordnance and accessories	182.6	176.5	170.6	158.2	-5.9	-12.4
Lumber and wood products	642.8	626.2	556.9	605.5	-69.3	48.6
Furniture and fixtures	535.5	516.7	450.7	489.1	-66.0	38.4
Stone, clay, and glass products	691.4	690.2	613.5	626.1	-76.7	12.6
Primary metal industries	1,323.7	1,343.5	1,179.7	1,189.9	-163.8	10.2
Fabricated metal products	1,499.9	1,505.3	1,335.8	1,387.8	-169.5	52.0
Machinery, except electrical	2,092.1	2,217.8	2,068.8	2,075.1	-149.0	6.3
Electrical equipment and supplies	2,020.3	2,030.2	1,760.6	1,834.1	-269.6	73.5
Transportation equipment	1,903.7	1,821.1	1,649.1	1,733.5	-172.0	84.4
Instruments and related products	496.6	519.5	488.8	509.4	-30.7	20.6
Miscellaneous manufacturing industries	450.7	447.6	404.4	421.0	-43.2	16.6
NONDURABLE GOODS	8,229	8,151	7,668	7,926	-483	258
Food and kindred products	1,718.5	1,712.5	1,676.4	1,707.7	-36.1	31.3
Tobacco manufactures	79.0	79.5	78.3	76.3	-1.2	-2.0
Textile mill products	1,026.2	988.1	901.5	966.3	-86.6	64.8
Apparel and other textile products	1,405.5	1,347.7	1,235.1	1,298.5	-112.6	63.4
Paper and allied products	701.3	701.8	642.7	676.0	-59.1	33.3
Printing and publishing	1,104.4	1,112.3	1,079.3	1,080.3	-33.0	1.0
Chemicals and allied products	1,032.5	1,056.6	1,012.5	1,033.4	-44.1	20.9
Petroleum and coal products	193.4	198.6	197.4	202.8	-1.2	5.4
Rubber and plastics products, nec	677.1	675.9	587.6	613.6	-88.3	26.0
Leather and leather products	290.8	277.9	256.8	271.4	-21.1	14.6
SERVICE-PRODUCING	52,169	53,715	54,436#	56,008#	721#	1,572#
TRANSPORTATION AND PUBLIC UTILITIES	4,644	4,696	4,498	4,507	-198	9
WHOLESALE AND RETAIL TRADE	16,674	17,017	16,947#	17,490#	-70#	543#
WHOLESALE TRADE	4,107	4,223	4,177	4,264	-46	87
RETAIL TRADE	12,568	12,794	12,771#	13,227#	-23#	456#
FINANCE, INSURANCE, AND REAL ESTATE	4,091	4,208	4,223	4,316	15	93
SERVICES	13,021	13,617	13,995#	14,607#	378#	612#
GOVERNMENT	13,739	14,177	14,773#	15,088#	596#	315#
FEDERAL	2,663	2,724	2,748	2,736	24	-12
STATE AND LOCAL	11,075	11,453	12,025#	12,352#	572#	327#

p: preliminary.

Data for this series are being revised from July 1975 forward. Revised historical data, along with a discussion of the revision, will be published in the February 1977 issue of *Employment and Earnings*.

**ESTABLISHMENT DATA
ANNUAL AVERAGES**

**2. Production or nonsupervisory workers¹ on private nonagricultural payrolls,
by industry division and major manufacturing group**

[In thousands]

Industry	1973	1974	1975	1976 _p	Change from	
					1974-75	1975-76 _p
TOTAL PRIVATE	52, 334	53, 029	51, 046#	52, 654#	-1, 983#	1, 608#
MINING	488	527	565	592	38	27
CONTRACT CONSTRUCTION	3, 315	3, 234	2, 762#	2, 672#	-472#	-90#
MANUFACTURING	14, 760	14, 613	13, 070	13, 626	-1, 543	556
DURABLE GOODS	8, 691	8, 641	7, 543	7, 869	-1, 098	326
Ordnance and accessories	92.1	84.9	79.7	71.4	-5.2	-8.3
Lumber and wood products	554.0	533.2	463.8	507.7	-69.4	43.9
Furniture and fixtures	442.2	423.1	364.3	401.5	-58.8	37.2
Stone, clay, and glass products	553.4	552.4	484.5	498.2	-67.9	13.7
Primary metal industries	1, 064.5	1, 074.1	919.0	932.9	-155.1	13.9
Fabricated metal products	1, 155.9	1, 150.0	996.0	1, 046.2	-154.0	50.2
Machinery, except electrical	1, 415.7	1, 494.7	1, 346.0	1, 340.3	-148.7	-5.7
Electrical equipment and supplies	1, 386.7	1, 372.2	1, 139.7	1, 211.3	-232.5	71.6
Transportation equipment	1, 367.7	1, 284.6	1, 147.9	1, 227.2	-136.7	79.3
Instruments and related products	305.7	321.8	293.0	310.1	-28.8	17.1
Miscellaneous manufacturing industries	352.9	350.2	308.7	322.2	-41.5	13.5
NONDURABLE GOODS	6, 069	5, 972	5, 528	5, 757	-444	229
Food and kindred products	1, 163.3	1, 164.4	1, 136.0	1, 162.6	-28.4	26.6
Tobacco manufactures	65.6	65.8	64.8	63.2	-1.0	-1.6
Textile mill products	901.0	862.4	782.1	843.5	-80.3	61.4
Apparel and other textile products	1, 220.7	1, 163.0	1, 061.3	1, 116.8	-101.7	55.5
Paper and allied products	543.6	539.6	482.6	512.3	-57.0	29.7
Printing and publishing	669.5	670.7	636.3	630.4	-34.4	-5.9
Chemicals and allied products	600.2	611.8	569.8	589.0	-42.0	19.2
Petroleum and coal products	122.4	126.2	124.9	131.3	-1.3	6.4
Rubber and plastics products, nec	533.6	530.4	450.4	474.2	-80.0	23.8
Leather and leather products	248.9	237.4	219.4	233.6	-18.0	14.2
TRANSPORTATION AND PUBLIC UTILITIES	4, 019	4, 058	3, 857	3, 858	-201	1
WHOLESALE AND RETAIL TRADE	14, 799	15, 065	14, 964#	15, 451#	-101#	487#
WHOLESALE TRADE	3, 433	3, 526	3, 462	3, 529	-64	67
RETAIL TRADE	11, 366	11, 540	11, 502#	11, 922#	-38#	420#
FINANCE, INSURANCE, AND REAL ESTATE	3, 184	3, 240	3, 221	3, 293	-19	72
SERVICES	11, 769	12, 293	12, 607#	13, 156#	314#	549#

¹ For coverage of series, see footnote 1, table B-2 (page 77).

p=preliminary.

See footnote, table 1 (page 170).

**ESTABLISHMENT DATA
ANNUAL AVERAGES**

**3. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls,
by industry division and major manufacturing group**

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1973	1974	1975	1976 ^P	1973	1974	1975	1976 ^P	1973	1974	1975	1976 ^P
TOTAL PRIVATE	37.1	36.6	36.1#	36.2#	\$3.92	\$4.22	\$4.54#	\$4.86#	\$145.43	\$154.45	\$163.89#	\$175.93#
MINING	42.5	42.4	42.3	42.8	4.73	5.21	5.90	6.41	201.03	220.90	249.57	274.35
CONTRACT CONSTRUCTION ...	37.0	36.9	36.6#	37.1#	6.37	6.75	7.25#	7.67#	235.69	249.08	265.35#	284.56#
MANUFACTURING	40.7	40.0	39.4	40.1	4.08	4.41	4.81	5.19	166.06	176.40	189.51	208.12
<i>Overtime hours</i>	3.8	3.2	2.6	3.1	-	-	-	-	-	-	-	-
DURABLE GOODS	41.5	40.7	39.9	40.6	4.34	4.69	5.14	5.54	180.11	190.88	205.09	224.92
<i>Overtime hours</i>	4.1	3.4	2.5	3.1	-	-	-	-	-	-	-	-
Ordnance and accessories	41.8	41.7	41.3	40.8	4.35	4.71	5.23	5.73	181.83	196.41	216.00	233.78
Lumber and wood products	40.7	39.7	39.1	40.2	3.64	3.91	4.28	4.70	148.15	155.23	167.35	188.94
Furniture and fixtures	39.9	39.0	37.9	38.7	3.26	3.50	3.75	3.98	130.07	136.50	142.13	154.03
Stone, clay, and glass products	42.1	41.4	40.6	41.2	4.21	4.52	4.89	5.29	177.24	187.13	198.53	217.95
Primary metal industries	42.4	41.7	40.0	40.6	5.04	5.60	6.17	6.79	213.70	233.52	246.80	275.67
Fabricated metal products	41.6	40.8	40.0	40.7	4.26	4.59	5.04	5.43	177.22	187.27	201.60	221.00
Machinery, except electrical	42.6	42.3	40.9	41.2	4.56	4.92	5.36	5.75	194.26	208.12	219.22	236.90
Electrical equipment and supplies	40.4	39.8	39.5	40.0	3.89	4.17	4.58	4.91	157.16	165.97	180.91	196.40
Transportation equipment	41.9	40.1	40.3	41.7	5.07	5.48	6.02	6.53	212.43	219.75	242.61	272.30
Instruments and related products	40.8	40.2	39.5	40.4	3.90	4.20	4.56	4.87	159.12	168.84	180.12	196.75
Miscellaneous manufacturing industries	38.9	38.5	38.3	38.7	3.27	3.50	3.79	4.01	127.20	134.75	145.16	155.19
NONDURABLE GOODS	39.6	39.1	38.8	39.3	3.68	3.99	4.35	4.68	145.73	156.01	168.78	183.92
<i>Overtime hours</i>	3.4	3.0	2.7	3.0	-	-	-	-	-	-	-	-
Food and kindred products	40.4	40.4	40.3	40.2	3.82	4.16	4.57	4.95	154.33	168.06	184.17	198.99
Tobacco manufactures	38.5	38.0	38.0	37.7	3.74	4.10	4.51	4.93	143.99	155.80	171.38	185.86
Textile mill products	40.9	39.4	39.2	40.1	2.95	3.19	3.40	3.67	120.66	125.69	133.28	147.17
Apparel and other textile products	35.8	35.1	35.1	35.6	2.78	2.99	3.19	3.42	99.52	104.95	111.97	121.75
Paper and allied products	42.7	42.1	41.6	42.4	4.19	4.51	4.99	5.42	178.91	189.87	207.58	229.81
Printing and publishing	37.9	37.6	37.0	37.5	4.68	4.97	5.36	5.69	177.37	186.87	198.32	213.38
Chemicals and allied products	41.9	41.6	40.9	41.6	4.48	4.85	5.37	5.88	187.71	201.76	219.63	244.61
Petroleum and coal products	42.3	42.5	41.6	42.2	5.21	5.61	6.42	7.14	220.38	238.43	267.07	301.31
Rubber and plastics products, nec	41.1	40.4	39.7	40.6	3.80	4.03	4.35	4.60	156.18	162.81	172.70	186.76
Leather and leather products	37.9	37.2	37.4	37.3	2.81	3.01	3.23	3.44	106.50	111.97	120.80	128.31
TRANSPORTATION AND PUBLIC UTILITIES	40.6	40.2	39.6	39.8	5.04	5.43	5.92	6.46	204.62	218.29	234.43	257.11
WHOLESALE AND RETAIL TRADE	34.7	34.1	33.8#	33.7#	3.20	3.47	3.75#	3.98#	111.04	118.33	126.75#	134.13#
WHOLESALE TRADE	39.5	38.9	38.6	38.8	4.12	4.49	3.89	5.18	162.74	174.66	188.75	200.98
RETAIL TRADE	33.3	32.7	32.4#	32.2#	2.87	3.09	3.34#	3.55#	95.57	101.04	108.22#	114.31#
FINANCE, INSURANCE, AND REAL ESTATE	36.9	36.7	36.5	36.6	3.58	3.82	4.13	4.36	132.10	140.19	150.75	159.58
SERVICES	34.0	33.9	33.8#	33.5#	3.46	3.76	4.06#	4.36#	117.64	127.46	137.23#	146.06#

¹For coverage of series, see footnote 1, table B-2 (page 77).

p=preliminary unweighted averages.

See footnote, table 1 (page 170).

Explanatory Notes

Introduction

Household Data (A tables)

Establishment Data (B, C, and D tables)

State and Area Unemployment Data (E table)

Unemployment Insurance Data (F tables)

Seasonal Adjustment

Introduction

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

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, race, household 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 47,000 households, representing 461 areas in 923 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 surveys are designed to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The 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 of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

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

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 records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

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. Reprints of this article are available upon request from the Bureau of Labor Statistics.

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers.

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

COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the 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 (agriculture, some State and local government, domestic service, self-employment, unpaid family work, and religious organizations).

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*. Reprints of this article may be obtained upon request.

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 the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in 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, churches and most local government activities are not covered by unemployment insurance whereas these are included in BLS establishment statistics.

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 Manpower Statistics from the Current Population Survey*, BLS Report 313. This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. 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 obtained from the Department of Defense.

Each month, 47,000 occupied units are eligible for interview. About 2,000 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 8,000 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.

CONCEPTS

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

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

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

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

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

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

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff, (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Re-entrants 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, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the non-institutional 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.

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 data derived from the CPS household interviews are defined as in the 1970 Census of Population. In-

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

Full- and part-time labor force. The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (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.

Race. White and black and other are terms used to describe the race of workers. The black and other category, which until

recently had been identified as "Negro and other races" and prior to 1969 as "nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1970 Census of Population, 89 percent of the black and other population group were black; the remainder were American Indians, Eskimos, Orientals, and all other non-white groups. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Spanish 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 other Spanish origin or descent. According to the 1970 Census, approximately 96 percent of their population is white.

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

Household head. One person in each household is designated as the head. The head is usually the person regarded as the head by the members of the group. If a husband and wife family occupy the unit, the husband is designated as the head. The number of heads is equal to the number of households.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and April 30, 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.

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.

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. At the same time, several definitions were sharpened to clear up ambiguities. The principal definitional changes were: (1) Counting as unemployed only persons who were currently available for work and who had engaged in some specific jobseeking activity within the past 4 weeks, an exception to the latter condition is made for persons waiting to start a new job in 30 days or waiting to be recalled from layoff; in the past, the current availability test was not applied and the time period for jobseeking was ambiguous; (2) counting as employed persons who were absent from their jobs in the survey week because of strikes, bad weather, etc. and were also looking for other jobs; previously, these persons had been classified as unemployed; (3) sharpening the questions on hours of work, dura-

tion of unemployment, and self-employment in order to increase their reliability.

These changes did not affect the unemployment rate by more than one-fifth of a percentage point in either direction, although the distribution of unemployment by sex was affected. The number of employed was reduced about 1 million because of the exclusion of 14- and 15-year-olds. For persons 16 years and over, the only employment series appreciably affected were those relating to hours of work and class of worker. A detailed discussion of the changes and their effect on the various series is contained in "New Definitions of Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints may be obtained upon request.

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning 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 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 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 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 20-24 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.

Changes in 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*.

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. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or

unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas 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 3 to 5 percent depending on weather, vacations, etc.

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

a. *First-stage ratio estimate.* This is a procedure in which the sample proportions are weighted by the known 1970 Census data on the race-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 census between the race-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are applied to independent current estimates of the population by age, sex, and race. Prior to January 1974 these estimates were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries.

Beginning in 1974, the "inflation-deflation" method of deriving independent population controls was introduced into the CPS estimation procedures. In this procedure, the most recent census population adjusted to include estimated net census undercount by age, sex, and race (i.e., "inflated") is carried forward to each subsequent month and later age by adding births, subtracting deaths, and adding net migration. These postcensal population estimates are then "deflated" to census level to reflect the pattern of net undercount in the most recent census by age, sex, and race. The actual percent change over time in the population in any age group is preserved.

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

Rounding of estimates

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

Reliability of the estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were

possible to take a complete census using the same schedules and procedures.

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

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

Table A. Average standard error of major employment status categories

[In thousands]		
Employment status and sex	Average standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
BOTH SEXES		
Labor force	205	150
Total employment	210	155
Agriculture	95	60
Nonagricultural employment	210	155
Unemployment	109	106
MALES		
Labor force	115	95
Total employment	125	100
Agriculture	85	55
Nonagricultural employment	130	105
Unemployment	81	89
FEMALES		
Labor force	140	110
Total employment	140	110
Agriculture	35	25
Nonagricultural employment	140	110
Unemployment	74	83

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

The standard error of the change in an item from one month to the next month is more closely related to the standard error

Table B. Standard error of level of monthly estimates

(In thousands)

Size of estimate	Both sexes		Males		Females	
	Total or white	Black and other	Total or white	Black and other	Total or white	Black and other
10	4	4	6	4	6	4
50	9	9	11	9	11	9
100	12	12	16	12	16	12
250	20	17	25	17	25	17
500	30	25	34	25	34	25
1,000	40	35	50	35	50	35
2,500	60	40	75	40	75	40
5,000	85	45	90	—	90	—
10,000	115	—	115	—	115	—
20,000	150	—	125	—	125	—
30,000	170	—	—	—	—	—
40,000	180	—	—	—	—	—

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

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

monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for unemployment percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000. Table E shows the standard error of percentage of monthly levels and consecutive month change for frequently analyzed unemployment rate series. These errors are computed from data for recent months. Errors on change for nonconsecutive months are slightly greater (by roughly a factor of 1.1 times the month-to-month error).

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

[In thousands]

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

Table D. Standard error of unemployment percentages

Base of percentages (thousands)	Estimated percentage									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50	
75	1.5	2.1	3.2	4.5	5.4	6.1	6.7	7.5	8.3	
150	1.1	1.5	2.4	3.3	4.0	4.5	4.9	5.5	6.1	
250	.9	1.3	2.0	2.8	3.3	3.7	4.1	4.6	5.1	
500	.6	.8	1.3	1.7	2.1	2.4	2.6	2.9	3.2	
1,000	.4	.6	.9	1.2	1.5	1.7	1.8	2.1	2.3	
2,000	.3	.4	.6	.9	1.0	1.2	1.3	1.5	1.6	
3,000	.2	.3	.5	.7	.9	1.0	1.1	1.2	1.3	
5,000	.2	.3	.4	.6	.7	.7	.8	.9	1.0	
10,000	.1	.2	.3	.4	.5	.5	.6	.7	.7	
25,000	.1	.1	.2	.3	.3	.3	.4	.4	.4	
50,000	.1	.1	.1	.2	.2	.2	.3	.3	.3	
75,000	.1	.1	.1	.1	.2	.2	.2	.2	.3	

Table E. Standard error of percentages for major unemployment rates

Selected categories	Monthly level	Consecutive month change	Selected categories	Monthly level	Consecutive month change
Total (all civilian workers) . . . . .	.12	.14	OCCUPATION—Continued		
Males, 20 years and over . . . . .	.14	.17	Blue-collar workers . . . . .	.23	.28
Females, 20 years and over . . . . .	.19	.24	Craft and kindred workers . . . . .	.32	.39
Both sexes, 16-19 years . . . . .	.56	.72	Operatives . . . . .	.36	.46
White workers . . . . .	.12	.15	Nonfarm laborers . . . . .	.66	.84
Black (and other) workers . . . . .	.43	.55	Service workers . . . . .	.32	.40
Household heads . . . . .	.12	.15	Farm workers . . . . .	.43	.53
Married men . . . . .	.13	.16	INDUSTRY		
Full-time workers . . . . .	.12	.15	Nonagricultural private wage and salary workers . . . . .	.14	.17
Part-time workers . . . . .	.35	.44	Construction . . . . .	.75	.95
Unemployed 15 weeks and over . . . . .	.06	.07	Manufacturing . . . . .	.27	.34
Labor force time lost . . . . .	.12	.15	Durable goods . . . . .	.36	.45
OCCUPATION			Nondurable goods . . . . .	.43	.54
White-collar workers . . . . .	.13	.15	Transportation and public utilities . . . . .	.41	.52
Professional and technical . . . . .	.20	.24	Wholesale and retail trade . . . . .	.28	.35
Managers and administrators except farm . . . . .	.23	.28	Finance and service industries . . . . .	.23	.29
Sales workers . . . . .	.39	.48	Government wage and salary workers . . . . .	.19	.24
Clerical workers . . . . .	.24	.30	Agricultural wage and salary workers	1.11	1.39

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

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

Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. These

schedules are of the “shuttle” type, with space for each month of the calendar year. The collection agency returns the schedule to the respondent each month so that the next month’s data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, 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.

CONCEPTS

Industrial classification

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

under the industry indicated by the most important product or activity.

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

Industry employment

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

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

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period or who are hired but have not been paid 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 contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

Production and related workers include working 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 contract construction division: Working supervisors, qualified craft workers, mechanic's 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 similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

Payroll covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in 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 cover hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross average hourly and weekly earnings

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

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

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying causes, 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 service 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 the portion of the gross average weekly hours which were in excess of regular hours and for which overtime premiums were paid. If an employee worked on a paid holiday at regular rates, receiving as total compensation his holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

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

Hours and earnings for total private nonagricultural industries

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

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

Railroad hours and earnings

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

Spendable average weekly earnings

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable

earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflects the spendable earnings of only those workers, with either none 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 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. Schwab, "Two Measures of Purchasing Power Contrasted," in the *Monthly Labor Review* for April 1971. Reprints of this article are available upon request from the Bureau of Labor Statistics.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. This is done for gross average weekly earnings and for spendable average weekly earnings. The level of earnings is thus adjusted for changes in purchasing power since the base period (1967).

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. 537-540). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of aggregate weekly payrolls and hours

The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. 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 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 non-agricultural 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. Transfers to another establishment of the company are included, beginning with January 1959.

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

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

Other accessions, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from other establishments of the company and employees recalled from layoff.

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

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

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

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

Relationship of labor turnover to employment series

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

ESTIMATING METHODS

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

The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table F. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover.

Size and regional stratification

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

Benchmark adjustments

Employment estimates are 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 1974 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover nearly nine-tenths of the total nonagricultural employment 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 relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions due to benchmark adjustment for the last 3 years is shown in table G.

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

Table F. Summary of methods for computing industry statistics on employment, hours, 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 employees estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all employee estimates for component cells.
Production or nonsupervisory workers, women employees	All employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers.	Average, weighted by production or nonsupervisory employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production worker overtime hours divided by number of production workers.	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours.	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 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 (production or nonsupervisory worker employment multiplied by weekly earnings) divided by annual aggregate hours.	Annual total of 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	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1971, 1973, and 1974

Industry division	1971	1973 ¹	1974
Total	100.2	98.4	99.9
Mining	99.8	96.5	97.0
Contract construction	96.9	90.4	100.6
Manufacturing	100.4	98.9	99.9
Transportation and public utilities	100.9	99.3	100.0
Wholesale and retail trade	100.3	97.8	100.1
Finance, insurance, and real estate	100.2	99.5	98.9
Services	100.4	99.1	99.3
Government	100.0	99.5	100.6

¹ 2-year 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. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the 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 percentage 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 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 accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

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

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table H 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 I shows the approximate coverage, in terms of employment, of the labor turnover sample.

Table H. Approximate size and coverage of BLS employment and payrolls sample, March 1974¹

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total	158,400	31,637,000	41
Mining	2,100	307,000	46
Contract construction ..	16,500	771,000	20
Manufacturing	47,000	11,821,000	59
Transportation and public utilities:			
Railroad transportation (ICC) ..	95	537,000	94
Other transportation and public utilities	7,300	2,181,000	53
Wholesale and retail trade	38,200	3,050,000	18
Finance, insurance, and real estate	10,100	1,507,000	36
Services	23,500	2,740,000	20
Government:			
Federal (Civil Service Commission) ²	3,200	2,691,000	100
State and local	10,400	6,032,000	52

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

² National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,200 reports covering about 53 percent of employment in Federal establishments.

Table I. Approximate size and coverage of BLS labor turnover sample, March 1974

Industry	Employees	
	Number reported	Percent of total
Total	10,873,730	52
Manufacturing	10,007,800	51
Metal mining	61,850	66
Coal mining	56,770	35
Communication:		
Telephone	734,270	74
Telegraph	13,040	61

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 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. Improvements brought about by the most recent expansion in unemployment insurance coverage were the major cause of differences in the March 1973 benchmark adjustments. (See article by Carol M. Utter, "BLS Establishment Estimates Revised to March 1973 Benchmark Levels", in the December 1974 issue.) Table J 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 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 J and for individual industries with the specified number of employees in table K. 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 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).

Table J. Average benchmark percent revision in employment estimates and relative errors¹ for average weekly hours and average hourly earnings by industry division

Industry division	Average benchmark revision in estimates of employment ²	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.2	-	-
Total private . . . . .	.1	0.1	0.2
Mining	1.2	.5	.5
Construction	1.2	.2	.3
Manufacturing . . . . .	.3	.1	.1
Durable goods . . . . .	.4	.1	.1
Nondurable goods . . . . .	.3	.1	.1
Transportation and public utilities . . . . .	.4	.7	.4
Trade . . . . .	.3	.1	.2
Wholesale	1.0	.2	.3
Retail . . . . .	.2	.2	.2
Finance, insurance, and real estate . . . . .	.4	.2	.4
Services . . . . .	.6	.4	.8
Government ³ . . . . .	.6	-	-

¹ Relative errors relate to March 1971 data.

² The average percent revision in employment for the 1967-71 and 1974 benchmarks.

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

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 experience of the last 6 years) of differences between final estimates and benchmarks are presented in table K.

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 L 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 .1 of an hour for weekly hours and 1 cent for hourly earnings.

Table K. 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 (in percent)	
		Average weekly hours	Average hourly earnings
50,000	1,900	0.9	1.5
100,000	2,700	.7	1.1
200,000	4,100	.5	.9
500,000	9,600	.4	.8
1,000,000	13,000	.3	.5
2,000,000	16,800	.3	.5

¹ Assuming 12-month intervals between benchmark revisions.

Table L. Errors of preliminary employment estimates

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	600	600
100,000	1,000	900
200,000	1,700	1,700
500,000	2,600	2,400
1,000,000	5,000	4,900
2,000,000	9,000	8,700
10,000,000	29,000	26,000
Total nonagricultural employment	98,000	87,000
Mining	5,000	5,000
Contract construction	20,000	21,000
Manufacturing	45,000	42,000
Transportation and public utilities	13,000	11,000
Wholesale and retail trade	35,000	32,000
Finance, insurance, and real estate	7,000	7,000
Services	29,000	23,000
Government	44,000	42,000

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 compensation 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.

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* includes 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 households and institutions, owner-occupied, housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the Gross Domestic Product of nonfinancial corporate businesses.

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 hour data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and area unemployment data

(E table)

Since November 1972, the Bureau of Labor Statistics has been responsible for developing the concepts and methods used by State employment security agencies to estimate State and local area labor force, employment, and unemployment. In December 1975, the Office of Management and Budget extended this responsibility to include the publication of State and local area labor force and unemployment estimates. Prior to 1972, State agencies prepared estimates using a method developed by the Department of Labor in 1950, generally referred to as the Handbook method (BES Report No. R-185). The new system combines the Handbook method with a set of procedures based on the concepts and definitions used in the national Current Population Survey (CPS). Improvements have been in two areas: (1) The estimating methodology previously used by State agencies has been modified to more closely approximate CPS definitions; and (2) The State-prepared monthly estimates are benchmarked to annual average totals from the CPS.

Federal-State cooperative program

Labor force and unemployment estimates for States, labor market areas (LMA), and other areas specifically defined for fund allocation purposes are developed under a Federal-State cooperative program and transmitted each month to BLS. The local area unemployment estimates approved by BLS are the basis for determining eligibility of an area for benefits under Federal economic assistance programs, such as those established by the Comprehensive Employment and Training Act (CETA).

ESTIMATING METHODS

Monthly employment and unemployment estimates 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 residence as used in the Current Population Survey. Adjustment factors for the major categories of employment by class of worker and industry have been developed 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.

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 the current ratio of covered unemployment to covered employment to the employment estimate for each industry or class of worker subgroup in the State, 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) the 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. *Adjustment for additivity.* Using the Handbook method, States prepare independent employment and unemployment estimates for the State, and for many substate areas. An adjustment is applied to all substate estimates to ensure that the substate estimates add to the independent State totals. Specific additivity adjustment procedures vary from State to State, but are generally one of the three following basic methods: (a) If a State is comprised of mutually exclusive and exhaustive LMA's, then the difference between the independent State estimate and the sum of the estimates for the LMA's is prorated over all LMA's in the State, to produce a set of substate estimates which add to the independent State estimate; (b) If the mutually exclusive LMA's do not exhaust the geographic area of the State, then the difference between the independent State estimate and the sum of the LMA estimates, or residual, becomes the balance-of-State estimate; (c) If a State contains LMA's which are benchmarked independently (see below), estimates for these areas are subtracted from the independent State estimate and the additivity adjustment is then applied to the remaining areas in the balance of the State.

4. *Benchmark correction and extrapolation procedures.* Once each year all monthly estimates prepared by State employment security agencies under the Handbook method are adjusted, or benchmarked, by BLS to the annual average estimates resulting from the CPS. This adjustment is necessary because

the State-prepared estimates are not as reliable as the CPS estimates, due to differences in State UI laws, the structural limitations of the Handbook method, and errors in the UI data.

The benchmarked estimates are produced in three stages. First, the monthly Handbook estimates are adjusted by the ratio of the CPS and Handbook 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.

The benchmarked estimates are extrapolated into the current year by applying the latest relevant correction factor to the current Handbook estimates of employment and unemployment. The employment factor used in year (t) is the quotient of the December employment benchmarked and Handbook estimates in year (t-1). The unemployment factor for year (t) is the algebraic difference between the December unemployment benchmarked and Handbook estimates in year (t-1). The preliminary estimate in the current year is then the result of applying the correction factor by multiplication (for employment), or by addition (for unemployment) to the current Handbook estimate.

Unemployment insurance data

(F tables)

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, some State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured unemployment is

the number of insured unemployed expressed as a percent of average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continued to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitations of unemployment insurance data should address their inquiries to Employment and Training Administration, Washington, D.C. 20210.

Seasonal adjustment

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

The seasonal adjustment methods used for these series are an adaptation of the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns. A detailed description of the method is given in the two publications, *BLS Seasonal Factor Method (1966)* and *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Data for the household series are seasonally adjusted utilizing the Census Bureau's X-11 Method. Each January, seasonal ad-

justment factors for unemployment and other labor force series are revised to take into account data from the previous year. In January 1976, in addition to the routine annual revisions, the Bureau introduced a modification in the procedure for seasonally adjusting teenage unemployment and those few other unemployment series (e.g., unemployed new entrants) of which teenagers are the exclusive or major part. All other series are adjusted following past procedures.

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 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 series for major components of the labor force based on data through December 1975, new

seasonal factors for the 12 major components of the civilian labor force, and a description of the seasonal adjustment methodology are published in the February 1976 *Employment and Earnings*. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

For establishment data, seasonally adjusted series for all employees, production workers, hours, and earnings, are computed using the BLS Seasonal Factor Method. 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 average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. 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 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and nondurable goods 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 1967 base.

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 Census X-11 Method using the trading day option. 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 August 1976. Seasonal factors to be used for current adjustment appear in the December 1976 issue of *Employment and Earnings*.

Additional information concerning the preparation of the labor force, employment, hours, earnings, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in the *Handbook of Methods, BLS Bulletin 1910*.

U.S. Department of Labor

Bureau of Labor Statistics

REGION I - BOSTON John Fitzgerald Kennedy Federal Bldg. Government Center - Room 1603 A Boston, Mass. 02202	REGION II - NEW YORK 1515 Broadway—Suite 3400 New York, N.Y. 10036	REGION III - PHILADELPHIA 3535 Market Street P.O. Box 13309 (Zip 19101) Philadelphia, Pa.	REGION IV - ATLANTA 1371 Peachtree Street, N.E. Atlanta, Ga. 30309
REGION V - CHICAGO 230 S. Dearborn Street Chicago, Ill. 60604	REGION VI - DALLAS 555 Griffin Sq., 2nd Fl. Dallas, Tex. 75202	REGIONS VII & VIII - KANSAS CITY 911 Walnut Street Kansas City, Mo. 64106	REGIONS IX & X - SAN FRANCISCO 450 Golden Gate Avenue, Box 36017 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	Cooperating State Agency
IV ALABAMA	-Department of Industrial Relations, Industrial Relations Building, Montgomery 36104
X ALASKA	-Employment Security Division, Department of Labor, P.O. Box 3-7000, Juneau 99801
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 (LAUS and CES).
VIII COLORADO	-Division of Employment, Department of Labor and Employment, Room 222, 1210 Sherman Street, Denver 80203
I CONNECTICUT	-Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109
III DELAWARE	-Department of Labor, 205 West 14th Street, Wilmington 19899
III DIST. OF COL.	-Office of Administration and Management Service, D.C. Manpower Administration, Room 626, 500 C Street, N.W., Washington 20001
IV FLORIDA	-Division of Employment Security, Department of Commerce, Caldwell Building, Tallahassee 32304
IV GEORGIA	-Employment Security Agency, 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 7189, Boise 83707
V ILLINOIS	-Bureau of Employment Security, Department of Labor, 165 North Canal Street, Chicago 60606
V INDIANA	-Employment Security Division, 10 North Senate Avenue, Indianapolis 46204
VII IOWA	-Employment Security Commission, 1000 East Grand Avenue, Des Moines 50319
VII KANSAS	-Employment Security Division, Department of Labor, 401 Topeka Avenue, Topeka 66603
IV KENTUCKY	-Department of Human Resources, 275 East Main Street, Frankfort, Kentucky 40601
VI LOUISIANA	-Department of Employment Security, P.O. Box 44094, Capitol Station, Baton Rouge 70804
I MAINE	-Employment Security Commission, Department of Manpower Affairs, 20 Union Street, Augusta 04330
III MARYLAND	-Department of Employment and Social Services, 1100 North Eutaw Street, Baltimore 21201
I MASSACHUSETTS	-Division of Employment Security, Charles F. Hurley Employment Security Building, Government Center Boston 02114
V MICHIGAN	-Employment Security Commission, Department of Labor, 7310 Woodward Avenue, Detroit 48202
V MINNESOTA	-Department of Employment Services, 390 North Robert Street, St. Paul 55101
IV MISSISSIPPI	-Employment Security Commission, P.O. Box 1699, Jackson 39205
VII 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, State House Station, Lincoln 68509
IX NEVADA	-Employment Security Department, P.O. Box 602, Carson City 89701
I NEW HAMPSHIRE	-Department of Employment Security, 32 South Main Street, Concord 03301
II NEW JERSEY	-Department of Labor and Industry, 202 John Fitch Plaza, Trenton 08625
VI NEW MEXICO	-Employment Security Commission, P.O. Box 1928, Albuquerque 87103
II NEW YORK	-Division of Employment, N.Y. State Department of Labor, State Campus—Building 12, Albany 12201
IV NORTH CAROLINA	-Employment Security Commission, P.O. Box 25903, Raleigh 27611
VIII NORTH DAKOTA	-Employment Security Bureau, P.O. Box 1537, Bismarck 58505
V OHIO	-Division of Research and Statistics, Bureau of Employment Services, 145S. Front St., Columbus 43216
VI OKLAHOMA	-Employment Security Commission, Will Rogers Memorial Office Building, Oklahoma City 73105
X OREGON	-Employment Division, Department of Human Resources, Room 402, Labor and Industries Building, Salem 97310
III PENNSYLVANIA	-Bureau of Employment Security, Department of Labor and Industry, Seventh and Forster Streets, Harrisburg 17121
I RHODE ISLAND	-Division of Statistics and Census, Department of Labor, Room 117, 235 Promenade Street, Providence 02908 (CES). Department of Employment Security, 24 Mason Street, Providence 02903 (LAUS and LTS)
IV SOUTH CAROLINA	-Employment Security Commission, P.O. Box 995, Columbia 29202
VIII SOUTH DAKOTA	-Department of Labor, P.O. Box 1730, Aberdeen 57401
IV TENNESSEE	-Department of Employment Security, Room 519, Cordell Hull Office Building, Nashville 37219
VI TEXAS	-Employment Commission, TEC Building, 15th and Congress Avenue, Austin 78778
VIII UTAH	-Department of Employment Security, P.O. Box 11249, Salt Lake City 84147
I 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 23211 (LAUS and LTS)
X WASHINGTON	-Employment Security Department, P.O. Box 367, Olympia 98504
III WEST VIRGINIA	-Department of Employment Security, State Office Building, 112 California Avenue, Charleston 25305
V WISCONSIN	-Department of Industry, Labor, and Human Relations, P.O. Box 608, Madison 53701
VIII WYOMING	-Employment Security Commission, P.O. Box 2760, Casper 82601