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# Preface

This report is the latest in a series presenting labor force data from the Current Population Survey (CPS) for States, large metropolitan areas, and central cities. It provides 1979 annual average demographic and economic characteristics of the labor force in the States and similar data for 30 large Standard Metropolitan Statistical Areas and 11 large cities. Data for earlier years are published in the following reports: *Geographic Profile of Employment and Unemployment, 1971* (Report 402); *1972* (Report 421); *1973* (Report 431); *1974* (Report 452); *1975* (Report 481); *1976* (Report 504); *State Profile of Employment and Unemployment, 1977* (Report 539); and *Geographic Profile of Employment and Unemployment: States, 1978, Metropolitan Areas, 1977-78* (Report 571).

The official BLS estimates presented in section IV are developed from a Federal-State cooperative pro-

gram and are used in the administration of Federal fund allocation programs. However, the data from the CPS for metropolitan areas and cities shown in section III are also used in the administration of section 202 (F) (2) (B) of the Comprehensive Employment and Training Act Amendments of 1978.

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# Contents

	<i>Page</i>
Section I. Review of demographic changes, 1979 .....	2
Labor force changes in the States .....	2
Employment changes in the States .....	4
Unemployment rates in the States .....	5
Unemployment in 30 large metropolitan areas by race and Hispanic origin .....	9
Charts:	
1. Unemployment rates by State, 1979 annual averages .....	5
2. States ranked by unemployment rate, 1979 annual averages .....	6
3. Percent unemployed 15 weeks or more, by State, 1979 annual averages .....	8
Text tables:	
1. Civilian labor force in the 10 largest States, ranked by size, 1979 annual averages .....	2
2. States with significant labor force growth from 1978 to 1979, ranked by rate of growth .....	2
3. States with significant labor force growth for white workers from 1978 to 1979, ranked by rate of growth .....	3
4. Civilian labor force participation rates for major demographic groups by State, 1979 annual averages .....	3
5. Employment-population ratios by State, 1978 and 1979 annual averages .....	4
6. Unemployment rates in 30 large metropolitan areas by race, 1978 and 1979 annual averages .....	9
7. Unemployment rates of the Hispanic-origin population, six Standard Metropolitan Statistical Areas, 1976-79 annual averages .....	10
Section II. State estimates from the Current Population Survey .....	11
Tables:	
1979 annual averages:	
1. Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race .....	12
2. Labor force status of the Hispanic-origin population by sex and age, selected States .....	23
3. Full- and part-time status of the civilian labor force 16 years and over by State and race .....	24
4. Labor force status by State and occupation .....	26
5. Occupational distribution of employment by State, sex, race, and Hispanic origin .....	30
6. Unemployed persons by State, duration of unemployment, sex, and race .....	34
7. Unemployed persons by State, reason for unemployment, sex, and age .....	36
Section III. Metropolitan area and city estimates from the Current Population Survey ...	37
Tables:	
1979 annual averages:	
8. Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race .....	38

## Contents—Continued

	<i>Page</i>
9. Labor force status of the Hispanic-origin population by sex and age for selected Standard Metropolitan Statistical Areas .....	47
10. Full- and part-time status of the civilian labor force 16 years and over in 30 large Standard Metropolitan Statistical Areas by race .....	48
11. Labor force status by occupation in 30 large Standard Metropolitan Statistical Areas .....	50
12. Labor force status by major occupational category in 11 large cities .....	52
13. Occupational distribution of employment in 30 large Standard Metropolitan Statistical Areas by sex, race, and Hispanic origin .....	53
14. Occupational distribution of employment in 11 large cities by sex and race .....	56
15. Unemployed persons by duration of unemployment in selected large Standard Metropolitan Statistical Areas by sex and race .....	57
16. Unemployed persons by duration of unemployment in selected large cities by sex and race .....	58
17. Unemployed persons by reason for unemployment in selected large Standard Metropolitan Statistical Areas by sex .....	58
Section IV. Unemployment estimates for States and large Labor Market Areas .....	59
Tables:	
18. Monthly CPS unemployment rates for 10 large States, 1970–79 .....	60
19. Monthly unemployment rates for 40 States and the District of Columbia, 1976–79, from the Federal-State Cooperative Program .....	62
20. Labor force and unemployment estimates for States and 214 large Labor Market Areas, 1978 and 1979 annual averages, from the Federal-State Cooperative Program .....	65
Appendixes:	
A. Definitions for data based on the Current Population Survey .....	69
B. Reliability of estimates and sampling error tables for CPS estimates .....	71
C. Boundary definitions for 30 large metropolitan areas .....	88
D. Procedures for estimating employment and unemployment under the Federal-State Cooperative Program .....	91

# Geographic Profile of Employment and Unemployment, 1979

Data about unemployment in States and sub-State areas are available from two major sources—the Current Population Survey (CPS) and the Federal-State Cooperative Program.

The CPS is the regular monthly survey of about 56,000 households from which the national unemployment rate is derived. (See appendix A for CPS definitions.) Annual average estimates of the demographic characteristics of the labor force (age, sex, and race) and the economic characteristics of the employed and unemployed are published for the 50 States, 30 large Standard Metropolitan Statistical Areas (SMSA's), and 11 large cities, if they meet BLS standards of reliability for publication. Estimates for the States are shown in section II and for the SMSA's and cities in section III.

Since these estimates are based on a survey rather than on a complete census of the population, they are

subject to sampling error. Error ranges have been provided, at a 90-percent confidence interval, for the unemployment rates in the first table of sections II and III. In addition, appendix B provides tables from which the sampling error ranges can be obtained for the data in other tables in these sections.

The Federal-State Cooperative Program provides monthly and annual average labor force and unemployment estimates for the 50 States and for 214 major labor market areas (section IV.) These estimates are largely based upon administrative statistics from the unemployment insurance system, adjusted to conform to CPS annual estimates for the States. For the 10 largest States, both the monthly and annual estimates are obtained from the CPS. Appendix D describes the procedures for estimating employment and unemployment under this program.

# Section I. Review of Demographic Changes, 1979

## Labor force changes in the States

In 1979, the national civilian labor force totaled almost 103 million workers. Over half resided in the 10 most populous States and about one-fourth lived in just three of these large States—California, New York, and Texas. (See text table 1.)

The national civilian labor force grew by 2.5 percent from 1978 to 1979. This was a slower rate of growth than the 2.9-percent rate from 1977 to 1978, but was about the same as the average growth rate for the preceding 10 years.

There was wide variation in civilian labor force growth among the States. The labor force increased significantly<sup>1</sup> in 19 States from 1978 to 1979. The growth rates in these States ranged from 2.1 percent in New York to over 7 percent in a number of Western States. (See text table 2.) There were no States where the labor force dropped significantly.

*Labor force growth by demographic group.* The national civilian labor force of white workers grew by 2.4 percent from 1978 to 1979. However, gains were significant in only 19 States, where gains for whites ranged from about 3 percent in Wisconsin to almost 20 percent in Hawaii. (See text table 3.) There were no States with significant decreases in the white labor force.

The national civilian labor force of black and other workers (a group which includes not only black persons, but Asians and Pacific Islanders, Alaskan Natives, American Indians, and all races other than white) grew by almost 3 percent from 1978 to 1979. Significant labor force gains for this group occurred in five States—New York, Pennsylvania, Nevada, Massachusetts, and Colorado. In the latter three States, the increases were considerably above the national average. By contrast, there were significant labor force decreases for black and other workers in three States—Hawaii, Alaska, and Oklahoma—and also in the District of Columbia.

The national civilian labor force of adult men (20 years and over) grew by just under 2 percent from 1978

<sup>1</sup> The word "significant" in this report means that a statistical test of significance (the Z transformation) has been performed on the data and that the year-to-year change in a sample estimate or the difference between two sample estimates has been found to be "statistically significant." This method takes into account the statistical error (sampling variability) of estimates, based on the sample in each State. See appendix B for further discussion.

to 1979. Four States had significant gains for adult men—Texas (4.1 percent), Idaho (7.4 percent), Washington (8.6 percent), and Wyoming (8.7 percent). In no States were there significant declines in the adult male labor force.

**Text table 1. Civilian labor force in the 10 largest States, ranked by size, 1979 annual averages**

[Numbers in thousands]

State	Civilian labor force	Percent of national total
United States .....	102,908	100.0
California .....	10,968	10.7
New York .....	8,008	7.8
Texas .....	6,244	6.1
Illinois .....	5,331	5.2
Pennsylvania .....	5,296	5.1
Ohio .....	5,036	4.9
Michigan .....	4,313	4.2
Florida .....	3,835	3.7
New Jersey .....	3,537	3.4
Massachusetts .....	2,891	2.8

**Text table 2. States with significant labor force growth from 1978 to 1979, ranked by rate of growth**

State	Growth in labor force (percent)
United States .....	2.5
Utah .....	8.1
Washington .....	7.9
Wyoming .....	7.7
Colorado .....	7.3
Nevada .....	7.2
Arizona .....	5.9
Connecticut .....	4.6
Idaho .....	4.2
Texas .....	4.2
New Hampshire .....	4.0
Florida .....	4.0
Louisiana .....	3.7
Minnesota .....	3.5
Kansas .....	3.4
Wisconsin .....	3.3
California .....	3.2
New Jersey .....	3.1
Michigan .....	2.6
New York .....	2.1



**Text table 3. States with significant labor force growth for white workers from 1978 to 1979, ranked by rate of growth**

State	Growth in white labor force (percent)
United States .....	2.4
Hawaii .....	19.6
Utah .....	8.0
Washington .....	7.3
Mississippi .....	7.3
Wyoming .....	6.8
Arizona .....	6.7
Colorado .....	6.2
Arkansas .....	5.8
Nevada .....	5.7
Florida .....	5.3
Texas .....	5.3
Connecticut .....	4.3
Alaska .....	4.1
New Hampshire .....	4.0
Idaho .....	4.0
Kansas .....	3.9
California .....	3.4
Minnesota .....	3.3
Wisconsin .....	3.0

The national civilian labor force of adult women (20 years and over) grew at a rate twice as high (4.0 percent) as that of adult men. Significant gains for adult women occurred in nine States in 1979:

	Percentage point change
Utah .....	11.7
Wyoming .....	11.3
North Dakota .....	10.4
Arkansas .....	9.3
New Jersey .....	7.2
California .....	5.9
Michigan .....	5.7
Texas .....	5.0
New York .....	4.6

There were no States where the adult female labor force dropped significantly.

The national teenage labor force dropped slightly from 1978 to 1979. Because this group makes up a relatively small proportion of the total population, the changes in most States were not statistically significant (although many were estimated to be quite large and varied over a wide range from the national average). There was significant labor force growth for this group (over 20 percent) in Connecticut and a significant drop (almost 20 percent) in Montana.

*Labor force participation by demographic group.* The labor force participation rate—the percent of the civilian noninstitutional population 16 years and over employed or looking for a job—varied from about 55 percent in West Virginia and Florida to 70 percent and over in Alaska, Nevada, and Wyoming. (See text table 4.) It is interesting to note that of the three States with the highest participation rates, one (Alaska) had the highest unemployment rate and one (Wyoming) had the lowest unemployment rate.

Participation rates of black and other workers varied over a wider range than those of white workers. About 5 out of every 10 black and other workers were in the labor force in Oklahoma and Arkansas, compared to about 8 out of 10 in Nevada and Colorado.

Participation rates of adult men continued to be the highest of all the major demographic groups. The highest rates for this group were in three Western States—Wyoming, Colorado, and Nevada (all in the 84 to 87 percent range)—and the lowest rates were in three Southern States—Florida, West Virginia, and Arkansas (all in the 70 to 73 percent range). By contrast, the rate

**Text table 4. Civilian labor force participation rates for major demographic groups by State, 1979 annual averages**

(Percent of population in labor force)

State	Total	White	Black and other	Adult men	Adult women	Teen-agers
Alabama .....	59.6	61.2	54.8	77.8	46.4	46.1
Alaska .....	70.9	75.6	52.8	84.1	60.3	57.7
Arizona .....	60.3	60.4	58.5	74.8	46.5	62.9
Arkansas .....	59.9	61.5	51.7	72.9	50.0	53.4
California .....	65.5	65.8	63.0	80.7	53.2	58.8
Colorado .....	69.1	68.7	78.0	84.2	55.5	68.5
Connecticut .....	67.0	66.8	70.3	81.5	55.0	64.4
Delaware .....	64.3	63.7	86.7	80.2	50.3	61.7
District of Columbia .....	65.4	67.8	64.4	74.6	61.5	(1)
Florida .....	56.8	55.2	65.1	70.0	45.1	57.6
Georgia .....	64.2	64.9	61.4	80.3	51.9	57.6
Hawaii .....	65.4	65.2	65.5	77.2	57.3	51.9
Idaho .....	66.6	66.6	(1)	83.2	51.4	62.1
Illinois .....	64.6	65.3	60.0	81.3	51.2	57.4
Indiana .....	66.1	66.1	86.9	82.4	52.4	62.5
Iowa .....	66.5	66.7	(1)	82.9	51.2	68.3
Kansas .....	68.4	68.5	67.0	82.6	58.0	65.8
Kentucky .....	61.3	61.7	56.1	78.2	47.7	53.0
Louisiana .....	59.6	60.7	56.6	78.8	45.6	46.6
Maine .....	61.0	61.0	(1)	74.7	49.1	60.2
Maryland .....	68.1	67.9	68.8	84.1	54.9	62.5
Massachusetts .....	66.2	66.1	68.3	81.1	53.6	64.3
Michigan .....	64.2	64.2	64.3	80.4	49.3	64.7
Minnesota .....	69.0	68.9	(1)	82.5	55.8	70.6
Mississippi .....	58.6	59.4	57.1	74.0	47.2	50.3
Missouri .....	63.1	63.0	64.8	78.3	50.1	61.9
Montana .....	64.7	65.1	80.9	80.6	50.7	61.8
Nebraska .....	67.1	67.2	(1)	81.4	53.2	69.8
Nevada .....	70.6	70.0	78.8	84.9	57.5	64.2
New Hampshire .....	68.1	68.2	(1)	83.5	54.0	65.6
New Jersey .....	64.3	64.0	65.9	80.9	51.9	54.6
New Mexico .....	62.2	62.6	58.9	78.8	48.1	57.6
New York .....	60.3	60.5	59.5	78.1	48.0	47.4
North Carolina .....	66.5	67.2	63.9	81.8	56.0	53.3
North Dakota .....	64.7	65.1	(1)	80.6	50.0	64.8
Ohio .....	63.6	63.8	62.3	81.2	48.3	61.9
Oklahoma .....	60.6	61.6	49.7	76.4	46.7	61.8
Oregon .....	64.6	64.9	(1)	79.7	50.1	63.5
Pennsylvania .....	59.5	59.8	57.0	77.1	45.5	52.9
Rhode Island .....	64.3	64.0	(1)	77.3	52.3	66.1
South Carolina .....	63.8	65.6	59.1	78.4	54.0	49.5
South Dakota .....	68.1	68.7	(1)	83.0	54.4	65.5
Tennessee .....	61.2	62.0	57.4	78.1	49.1	49.7
Texas .....	65.7	65.8	64.9	82.8	51.8	57.3
Utah .....	65.1	65.2	62.1	81.8	48.4	71.6
Vermont .....	66.3	66.4	(1)	80.3	54.5	60.5
Virginia .....	66.1	66.8	62.5	82.0	54.6	54.5
Washington .....	65.9	66.1	61.3	81.7	51.7	62.3
West Virginia .....	54.0	54.0	(1)	72.8	38.0	49.6
Wisconsin .....	68.2	68.1	68.4	82.9	53.8	70.6
Wyoming .....	70.0	70.4	(1)	86.8	54.9	62.5

<sup>1</sup> Estimate not sufficiently large to meet BLS standards of reliability for the State, based on the sample in the State.

at which adult women participated in the labor force was as low as 38 percent in West Virginia.

Teenagers were more likely than adult women to be in the labor force in many States. Teenage participation rates were at least 10 percentage points above those for adult women in about half of the States. The lowest participation of teenagers was about 46 percent in Alabama and Louisiana and the highest was about 70 percent in Utah, Wisconsin, and Minnesota.

*Part-time labor force.* There were about 15 million persons in the national part-time labor force in 1979, almost 15 percent of the total. Most States were close to the national average in the proportion of part-time

workers. In Wisconsin and Minnesota, however, part-time workers constituted almost 20 percent of the total. The part-time labor force was the smallest percentage of the total in Alaska, Georgia, and West Virginia (all about 11 percent).

### Employment changes in the States

Total employment grew significantly in 17 States from 1978 to 1979. Employment growth was particularly pronounced (over 6 percent) in a number of Western States—Nevada, Arizona, Utah, Washington, Wyoming, and Colorado. Growth in all of these States greatly exceeded the national average increase of 2.7 percent over the same period.

About two-thirds of the working-age population in Colorado, Kansas, Minnesota, Nevada, New Hampshire, South Dakota, Wisconsin, and Wyoming had jobs in 1979. (See employment-population ratios in text table 5.) As in the previous year, however, only about one-half of the working-age population was employed in Florida (where many retired persons live) and in West Virginia (where adult women have the lowest labor force participation rate in the Nation).

*Employment growth by demographic group.* Employment of black and other workers grew significantly in five States from 1978 to 1979—New York, Pennsylvania, Nevada, Massachusetts, and Colorado. In all of these States, the growth rate was at least double the national growth rate of 3.6 percent for this group. There were significant decreases in employment of black and other workers in two States—Alaska and Arkansas—and in the District of Columbia.

Employment of adult men grew by 2.1 percent nationally from 1978 to 1979. However, gains were significant in only six States—California (2.5 percent), Texas (4.3), Colorado (6.6), Idaho (7.7), Washington (8.3), and Wyoming (8.8).

Employment gains of adult women tended to be relatively larger and more widespread than those of adult men. As employment of adult women grew nationwide by 4.3 percent from 1978 to 1979, significant increases occurred in seven States:

	<i>Percentage point change</i>
North Dakota.....	12.1
Wyoming.....	11.8
Utah.....	10.9
New Jersey.....	8.2
California.....	6.7
Texas.....	6.0
New York.....	4.8

Nationally, teenage employment was virtually unchanged from 1978 to 1979. Although there were a number of States with large apparent changes (both in-

**Text table 5. Employment-population ratios by State, 1978 and 1979 annual averages**

[Percent of population employed]

State	1978	1979
Alabama.....	55.5	55.3
Alaska.....	63.5	64.6
Arizona.....	55.8	57.2
Arkansas.....	54.8	56.2
California.....	60.5	61.4
Colorado.....	63.7	65.8
Connecticut.....	61.7	63.6
Delaware.....	59.3	59.1
District of Columbia.....	60.7	60.5
Florida.....	52.9	53.4
Georgia.....	60.9	60.9
Hawaii.....	61.9	61.3
Idaho.....	62.3	62.8
Illinois.....	61.0	61.0
Indiana.....	62.2	61.9
Iowa.....	63.9	63.8
Kansas.....	65.2	66.1
Kentucky.....	58.6	57.9
Louisiana.....	54.5	55.6
Maine.....	56.3	56.6
Maryland.....	63.2	64.0
Massachusetts.....	61.5	62.5
Michigan.....	58.9	59.2
Minnesota.....	65.5	66.1
Mississippi.....	54.3	55.2
Missouri.....	59.7	60.3
Montana.....	61.7	61.6
Nebraska.....	65.8	64.9
Nevada.....	67.4	67.1
New Hampshire.....	64.7	66.0
New Jersey.....	58.4	59.8
New Mexico.....	59.1	58.1
New York.....	54.6	56.0
North Carolina.....	64.2	63.3
North Dakota.....	60.7	62.4
Ohio.....	59.4	59.9
Oklahoma.....	57.9	58.5
Oregon.....	61.7	60.2
Pennsylvania.....	55.2	55.4
Rhode Island.....	57.8	60.0
South Carolina.....	60.6	60.6
South Dakota.....	64.6	65.7
Tennessee.....	56.9	57.7
Texas.....	62.1	62.9
Utah.....	60.3	62.3
Vermont.....	62.7	63.0
Virginia.....	62.6	62.9
Washington.....	59.7	61.4
West Virginia.....	49.1	50.4
Wisconsin.....	63.8	68.2
Wyoming.....	67.0	67.8



creases and decreases), only Connecticut showed a significant change—an increase of about 25 percent.

### Unemployment rates in the States

The national unemployment rate inched downward from a 6.0-percent annual average in 1978 to 5.8 percent in 1979. There were eight States where rates dropped significantly:

	Percentage point change
Alaska .....	-2.0
Hawaii .....	-1.4
Mississippi .....	-1.3
California .....	-.9
North Dakota .....	-.9
Illinois .....	-.6
New York .....	-.6
Texas .....	-.6

Alaska was the only State with a decrease as large as 2 percentage points between 1978 and 1979. By contrast, there had been nine States where unemployment fell this much over the 1977-78 period and four such States over the 1976-77 period. The unemployment rate

rose significantly in only one State in 1979, Michigan (up 0.9 percentage points).

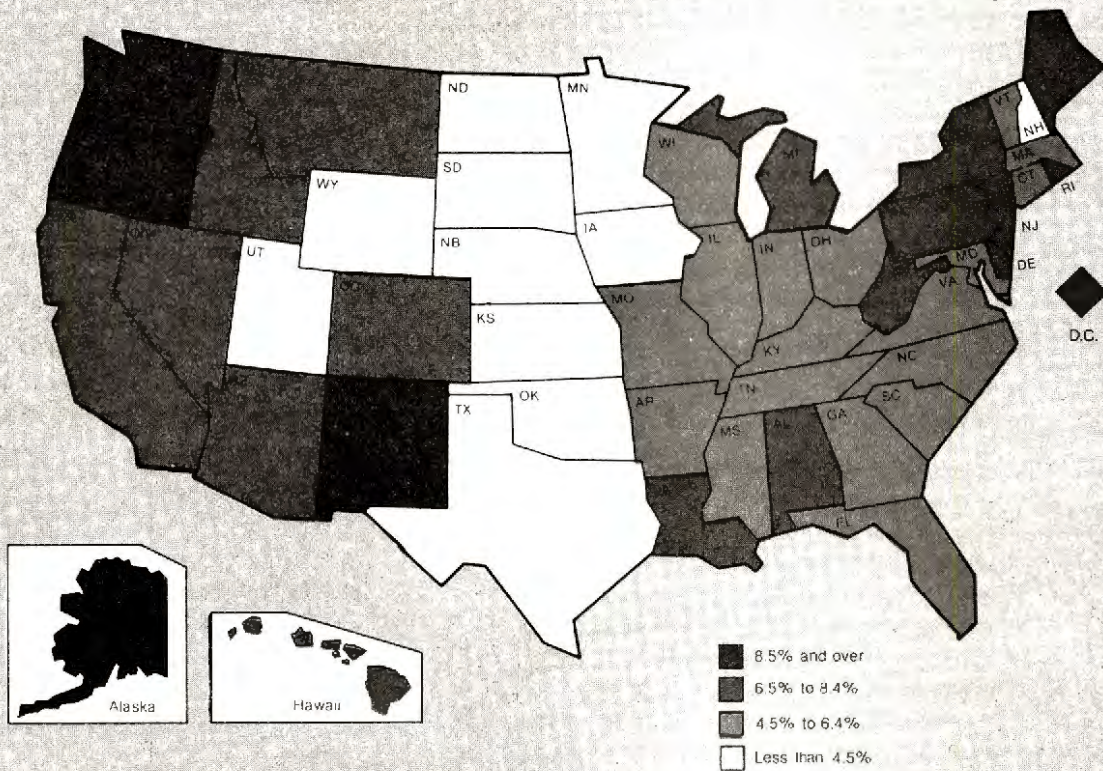
Although the improvement in Alaska was the sharpest in the Nation, this State continued to have the highest unemployment rate in 1979 (9.2 percent). Unemployment has been especially severe in Alaska during the 3 years since the completion of the oil pipeline.

The highest 1979 unemployment rates within the contiguous United States were in Delaware (8.0 percent) and Michigan (7.8 percent). However, there were 14 States where rates were 6.5 percent or higher. In many of these States, including all three of the large mid-Atlantic industrial States (New York, New Jersey, and Pennsylvania), unemployment of over 6.5 percent has persisted since 1975.

States with low unemployment in 1979, as in earlier years, tended to be clustered in the north central farm belt. However, the State with the lowest unemployment rate (2.8 percent) was Wyoming (charts 1 and 2).

*Unemployment rates by demographic group.* Unemployment rates of white workers ranged from a low of 2.8 percent in Wyoming to 8.7 percent in Hawaii, compared to a national average of 5.1 percent for this group in 1979.

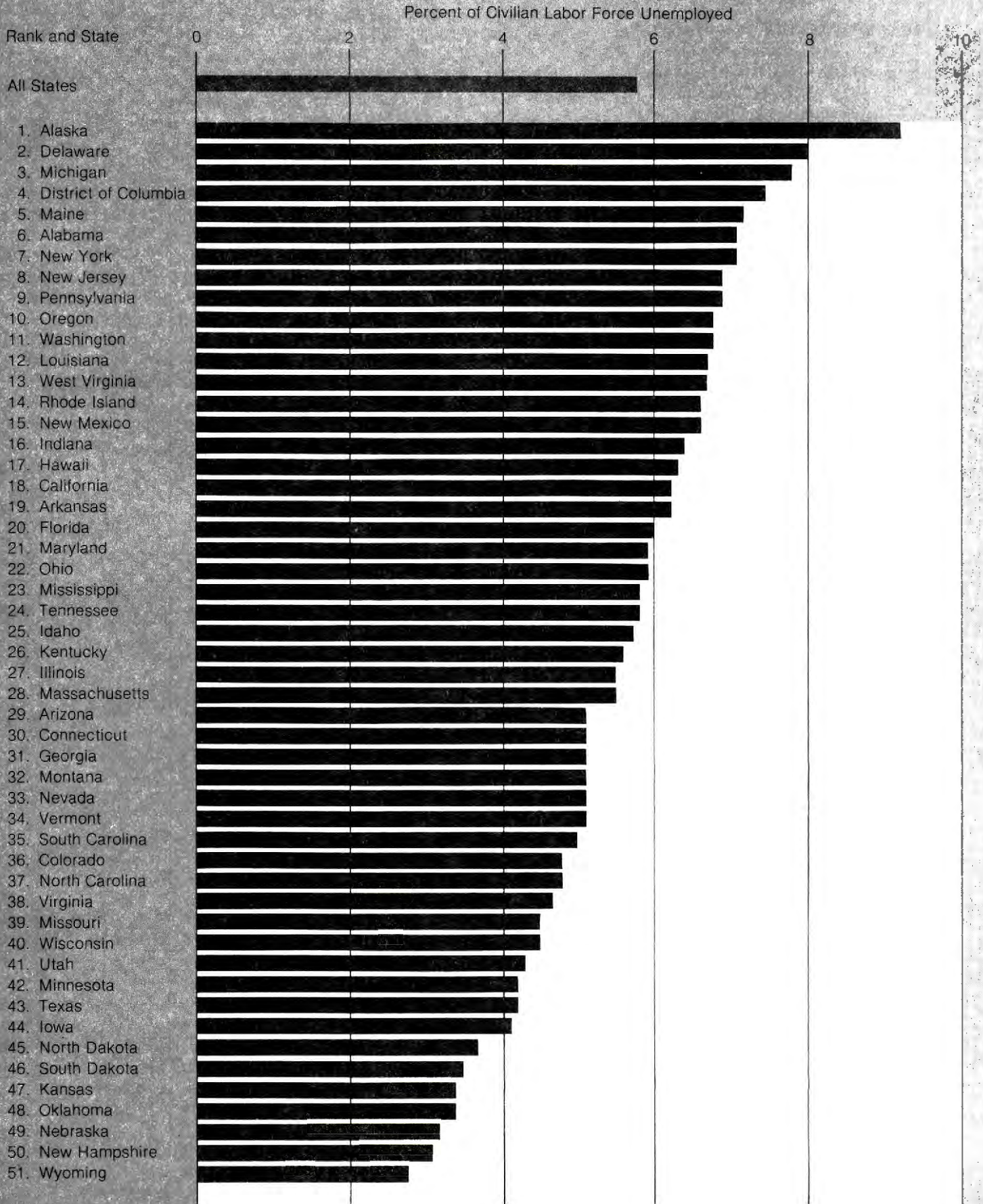
Chart 1. Unemployment rates by State, 1979 annual averages



Source: Bureau of Labor Statistics



**Chart 2. States ranked by unemployment rate, 1979 annual averages**





There were significant decreases for white workers in eight States from 1978 to 1979:

	<i>Percentage point change</i>
Alaska .....	-1.3
Arkansas .....	-1.3
Montana .....	-1.1
North Dakota .....	-1.0
Virginia .....	- .9
New York .....	- .8
California .....	- .7
Texas .....	- .5

Rates for white workers rose significantly in only one State—Indiana (up 0.8 percentage points).

Black and other workers continued to have higher unemployment rates than white workers in most States. The range of rates for black and other workers was both higher and wider than for whites—extending from 5.3 percent in Hawaii to 17.3 percent in Arkansas. The national unemployment rate for this group was 11.3 percent in 1979.

Unemployment rates for black and other workers dropped significantly from 1978 to 1979 in five States—Alaska (-4.1), California (-2.2), Hawaii (-1.9), Illinois (-3.4), and Mississippi (-3.5). Rates rose significantly in two States, Arkansas and New Mexico, both of which had increases of 5 percentage points. Over the same period, the national rate for this group dropped 0.6 of a percentage point from a rate of 11.9 percent in the previous year.

Unemployment rates of the Hispanic-origin population were higher than those of white workers, but below the rate of black and other workers in the Nation and in all of the five States (and the three-State combined area) for which data on these workers are available. The highest rate for Hispanic workers in this group of States was 10.5 percent in New York, and the lowest was 5.7 percent in Florida—compared with a national average of 8.3 percent for this group in 1979.

Adult men had a national average unemployment rate of 4.1 percent in 1979. The highest rate for adult men was in Alaska—8.5 percent. Although a marked improvement from the 11.6 percent of the year before, this high rate appears to be a continuing aftereffect of the completion of the oil pipeline. Alaska was the only State where the rate for adult men was significantly higher than the rate for adult women in 1979.

The highest unemployment rate for adult men in the contiguous United States was in Michigan (6.2 percent), where automobile industry layoffs affected employment in the latter part of 1979. Rates for adult men were lowest (about 2 percent) in Nebraska, New Hampshire, and Oklahoma.

Changes in the unemployment rates of adult men were statistically significant in only seven States in 1979. In three States—Alaska, California, and New York—

their rates fell sharply. By contrast, their unemployment rates rose markedly after several years of decline in Indiana and Michigan (where there were layoffs in the automobile and related industries) and Nevada (where the tourist industry was affected by summer gasoline shortages). The rate also rose significantly in Kansas.

Adult women, whose national unemployment rate was 5.7 percent in 1979, fared especially well in Nebraska and North Dakota, where their rates were below 3 percent. Unemployment rates for adult women were highest in Delaware (9.1 percent), followed by Alabama (7.8 percent) and Michigan (7.7 percent). In about 3 out of 5 States, women's 1979 rates were significantly higher than those of men.

Unemployment rates of adult women changed very little in 1979 in most States. Decreases were significant in only seven States—Alaska, California, Hawaii, Illinois, Mississippi, North Dakota, and Texas. The only State in which the unemployment rate of adult women increased significantly was Wyoming.

Teenagers experienced a national unemployment rate of 16.1 percent in 1979. Although their rates were significantly higher than those for adults in almost every State, they followed nearly the same geographic pattern as adults. Teenage rates were lowest (less than 10 percent) in New Hampshire and Vermont, as well as in a number of States near the geographic center of the Nation—Montana, the Dakotas, Nebraska, Kansas, and Oklahoma. Teenage rates were highest (23 to 25 percent) in Hawaii, Alabama, and West Virginia.

Because the number of teenagers in the labor force of every State is relatively small—ranging from about 8 to 12 percent—the sampling variability of teenage unemployment rates can be very high. (See error ranges of 1979 rates in table 1 and appendix B.) Thus, apparent changes in teenage unemployment rates in 1979 were statistically significant in only four States: Montana, New Hampshire, Oklahoma, and South Carolina. In all four States, the teenage unemployment rate decreased in 1979.

*Unemployment of part-time workers.* The national unemployment rate for the part-time labor force was 8.7 percent in 1979. In 12 States, the rate for this group was estimated at 10 percent or above. The highest unemployment rates for part-time workers were 14.4 percent in Delaware and 12.5 percent in Rhode Island.

Although the national part-time unemployment rate was about one and one-half times the national full-time rate (5.3 percent), in a number of States the part-time rate was more than double the full-time rate. This was the case in Connecticut, Delaware, Maryland, Massachusetts, North Carolina, Rhode Island, Virginia, Wisconsin, and Wyoming. In Wisconsin, for example, the full-time rate was only 3.5 percent, but the part-time



rate was 8.5 percent (about two and one-half times as large).

**Duration of unemployment.** Almost half of the unemployed in the United States had been looking for work for less than 5 weeks and about 80 percent for less than 15 weeks in 1979. Short-term unemployment (less than 15 weeks) affected a larger-than-average share of the unemployed in many of the north central farm States and in the mountain States—notably Colorado (91 percent) and Utah (about 90 percent).

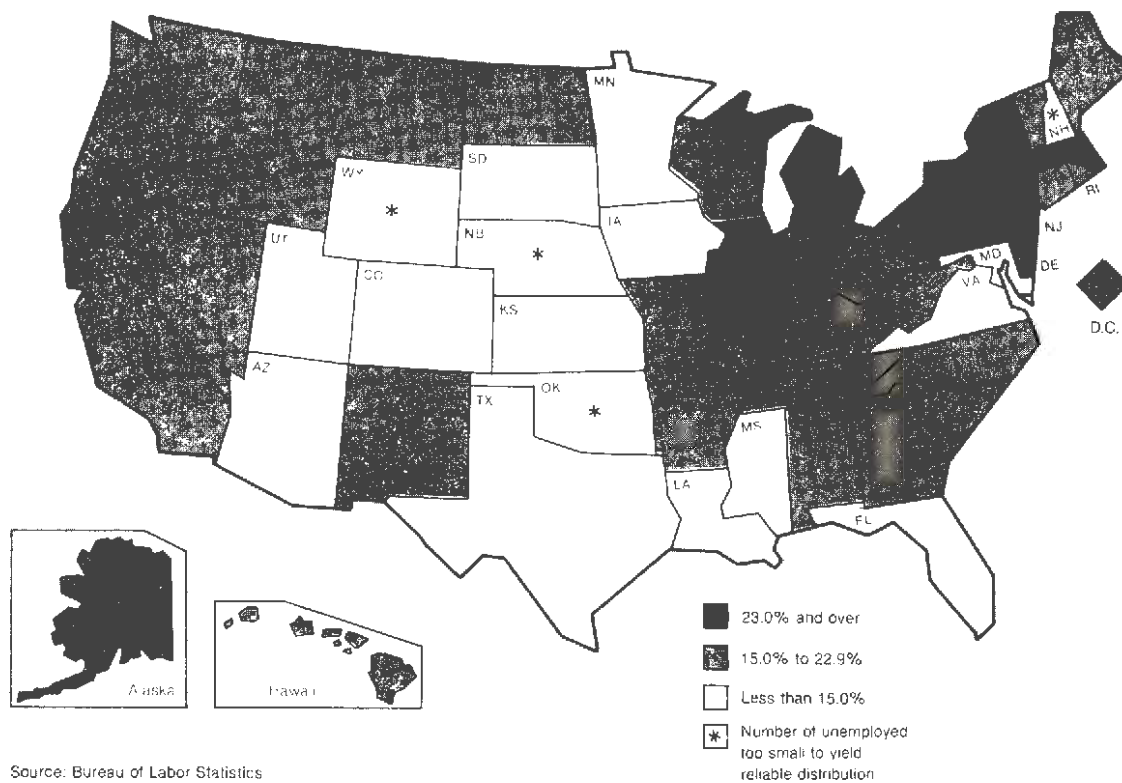
The long-term unemployed (15 weeks or longer), about 20 percent of the unemployed nationally in 1979, constituted about 30 percent of the unemployed in New York State—the State with the largest percent of long-term unemployment. Most of the other States where long-term unemployment exceeded the national average were industrial States in the eastern half of the Nation. (See chart 3.) In the western United States, Alaska was the only State where the percentage of long-term unemployed (28.1 percent) was comparably high.

Delaware and Hawaii had the largest proportion of persons who had been continuously unemployed for a year or more in 1979—over 8 percent. Nationally, 4.2 percent of the unemployed had been looking for a job for a year or more.

**Reason for unemployment.** Four out of every 10 unemployed persons in the United States in 1979 had lost their previous jobs. However, job losers (persons looking for work whose previous employment ended involuntarily, including those on temporary and indefinite layoff) were more than half of the unemployed in Rhode Island, where layoffs occurred in nondurable goods manufacturing. Job losers also constituted over half of the unemployed in Idaho, where there were employment declines in the lumber and wood products and transportation equipment industries. Loss of a job (especially by layoff) was also a relatively important factor in Michigan, where there was a slowdown in transportation equipment manufacturing and related industries. In three other Eastern States (New Jersey, New York, and Pennsylvania), the proportions of persons who lost jobs were also above the national average in 1979 (as they have been in recent years).

Job leavers (persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work) were 14.3 percent of the unemployed nationwide in 1979. Job leaving accounted for a relatively high percentage of unemployment in Kansas (25.6 percent), Utah (24.0 percent), and Texas (21.3 percent)—all States with low overall unemployment rates.

**Chart 3. Percent unemployed 15 weeks or more, by State, 1979 annual averages**



Source: Bureau of Labor Statistics

Reentrants (persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force before their current job search) made up 29.5 percent of all unemployed persons in the Nation during 1979. Half of these reentrants were adult women, and the balance was split evenly between adult men and teenagers. Reentry unemployment was significant in Colorado, where about 40 percent of the unemployed were reentrants. Reentry was also a large factor in Arkansas, North Dakota, Utah, and Virginia (all about 36 percent).

New entrants (persons who never worked at a full-time job lasting 2 weeks or more) made up 13.4 percent of the Nation's unemployed in 1979. A large majority of these new entrants were teenagers. Initial entry unemployment was especially marked in Delaware, where both total and teenage unemployment rates in 1979 were among the highest in the country.

### Unemployment in 30 large metropolitan areas by race and Hispanic origin

Unemployment estimates in 30 of the largest metropolitan areas of the Nation are available separately by

race and Hispanic origin. These estimates indicate that, although the national unemployment rate of black and other workers was double that of white workers in 1979, the size of the gap varied widely among the large metropolitan areas—from just above the rate for white workers in the San Jose and San Diego Standard Metropolitan Statistical Areas (SMSA's) to considerably more than twice the rate for white workers in the Baltimore, Kansas City, and St. Louis SMSA's. (See text table 6). Black and other workers are defined as including—in addition to black workers—American Indians, Alaskan Natives, Asians and Pacific Islanders, and all races other than white. Except in Alaska and Hawaii, blacks are the major minority group in most areas. However, in San Jose and San Diego, the black and other category includes a larger percentage of other minorities (primarily Chinese, Japanese, and Filipino) than in the Baltimore, Kansas City, and St. Louis SMSA's.

In six SMSA's, unemployment rates of black and other workers were significantly below the national average unemployment rate of 11.3 percent for this group

**Text table 6. Unemployment rates in 30 large metropolitan areas by race, 1978 and 1979 annual averages**

[Percent of civilian labor force]

Area	Total			White			Black and other		
	1978	1979	Error range 1979 <sup>1</sup>	1978	1979	Error range 1979 <sup>1</sup>	1978	1979	Error range 1979 <sup>1</sup>
United States .....	6.0	5.8	5.7-5.9	5.2	5.1	5.0-5.2	11.9	11.3	11.0-11.6
Anaheim-Santa Ana-Garden Grove .....	5.7	3.4	2.7- 4.1	5.6	3.4	2.7-4.1	(2)	(2)	(2)
Atlanta .....	4.8	4.8	4.0- 5.6	3.9	3.7	2.9-4.5	8.8	9.3	6.9-11.7
Baltimore .....	6.7	7.8	6.9- 8.7	4.0	5.2	4.3-6.1	15.6	16.6	14.0-19.2
Boston .....	7.1	5.5	4.9- 6.1	7.0	5.3	4.7-5.9	9.0	8.1	5.4-10.8
Buffalo .....	8.6	9.0	7.7-10.3	8.6	8.1	6.8-9.4	(2)	(2)	(2)
Chicago .....	6.0	5.4	5.0- 5.8	4.3	4.3	3.9-4.7	14.6	10.2	8.8-11.6
Cincinnati .....	6.6	6.5	5.4- 7.6	5.0	5.6	4.5-6.7	17.5	12.7	8.8-16.6
Cleveland .....	5.2	5.9	5.0- 6.8	4.0	4.4	3.6-5.2	11.7	12.6	9.7-15.5
Dallas-Fort Worth .....	3.2	3.3	2.8- 3.8	2.8	2.9	2.4-3.4	5.9	6.4	4.3- 8.5
Denver-Boulder .....	5.0	4.1	3.4- 4.8	4.7	3.7	3.0-4.4	9.8	11.1	6.8-15.4
Detroit .....	7.0	8.3	7.6- 9.0	5.1	6.0	5.4-6.6	16.0	17.9	15.8-20.0
Houston .....	4.9	4.2	3.6- 4.8	3.6	3.6	3.0-4.2	9.9	6.9	5.1- 8.7
Indianapolis .....	6.3	6.2	5.1- 7.3	5.4	5.2	4.1-6.3	13.9	12.6	8.5-16.7
Kansas City .....	4.9	4.7	3.9- 5.5	3.4	3.4	2.6-4.2	15.2	13.7	10.1-17.3
Los Angeles-Long Beach .....	6.8	5.5	5.1- 5.9	6.0	5.0	4.5-5.5	10.7	8.0	6.7- 9.3
Miami .....	6.6	6.1	5.1- 7.1	5.3	4.9	3.8-6.0	10.2	9.3	6.9-11.7
Milwaukee .....	5.0	4.5	3.6- 5.4	4.1	4.1	3.2-5.0	17.1	10.0	5.4-14.6
Minneapolis-St. Paul .....	3.4	3.1	2.5- 3.7	3.3	3.0	2.4-3.6	(2)	(2)	(2)
Nassau-Suffolk .....	6.8	6.1	5.4- 6.8	6.4	5.8	5.0-6.6	12.5	10.3	6.8-13.8
New York .....	8.4	7.9	7.4- 8.4	7.7	6.7	6.2-7.2	10.9	11.4	10.3-12.5
Newark .....	7.0	7.1	6.2- 8.0	6.1	5.7	4.8-6.6	10.8	13.6	10.8-16.4
Philadelphia .....	7.7	7.5	6.9- 8.1	5.5	5.7	5.1-6.3	19.5	16.2	14.1-18.3
Pittsburgh .....	6.1	6.5	5.6- 7.4	5.9	5.9	5.0-6.8	11.3	14.5	9.8-19.2
Riverside-San Bernardino-Ontario .....	6.9	6.3	5.2- 7.4	5.9	5.6	4.5-6.7	17.9	12.7	7.8-17.6
St. Louis .....	5.7	5.9	5.1- 6.7	3.9	4.3	3.6-5.0	14.3	14.2	11.4-17.0
San Diego .....	6.6	6.3	5.3- 7.3	5.8	6.1	5.1-7.1	13.0	8.2	5.0-11.4
San Francisco-Oakland .....	7.1	5.9	5.2- 6.6	6.3	5.0	4.3-5.7	10.4	10.0	8.1-11.9
San Jose .....	5.2	4.9	3.9- 5.9	4.9	4.8	3.8-5.8	8.6	5.7	2.3- 9.1
Seattle-Everett .....	5.3	5.4	4.5- 6.3	4.9	5.0	4.1-5.9	11.1	11.7	6.4-17.0
Washington, D. C. ....	4.5	4.4	4.0- 4.8	3.1	3.2	2.8-3.6	8.3	7.8	6.8- 8.8

<sup>1</sup>Error ranges are shown for 1979 unemployment rates at the 90-percent confidence interval, which means that, if repeated samples were drawn from the same population and an error range constructed around each sample estimate, in 9 out of 10 cases the true value based on a complete census of

the population would be contained within these error ranges.

<sup>2</sup>Unemployment rates are not shown when they do not meet BLS standards of reliability for the area, based on the sample in that area.

in 1979: Boston, Dallas-Ft. Worth, Houston, Los Angeles-Long Beach, San Jose, and Washington, D.C. The lowest rate for black and other workers—in San Jose—was 5.7 percent in 1979, while the highest rates for this group were in the Baltimore, Detroit, and Philadelphia SMSA's, where unemployment was over 16 percent in 1979. High rates persisted in most of these areas despite the fact that unemployment rates had been inching downward nationally for blacks since their peak during the 1975 recession, and none of the increases in black unemployment in large metropolitan areas were significant between 1978 and 1979. In four areas, black unemployment rates dropped significantly over the year—Chicago, Houston, and Philadelphia, and in the Los Angeles-Long Beach SMSA (where the unemployment rate of white workers also dropped significantly between 1978 and 1979.) In addition, white unemployment rates declined significantly in the Anaheim-Santa Ana-Garden Grove, Boston, New York, and San Francisco-Oakland SMSA's during that period. The only area with a significant increase in 1979 for whites was Detroit, which was beginning to feel the effects of the slowdown in automobile sales.

In 1979, the national average unemployment rate for white workers was 5.1 percent, but 11 of the 30 met-

ropolitan areas had lower white unemployment rates. The lowest rates—about 3 percent—were in the Dallas-Ft. Worth and Minneapolis-St. Paul areas, while the highest—over 6.5 percent—were in the Buffalo and New York areas.

Among the six areas for which estimates are available for Hispanic workers, the unemployment rate ranged from as low as 3.8 percent in the Houston area to 11.2 percent in the New York area in 1979 (text table 7).

**Text table 7. Unemployment rates<sup>1</sup> of the Hispanic-origin population, six Standard Metropolitan Statistical Areas, 1976-79 annual averages**

[Percent of civilian labor force]

Area	1976	1977	1978	1979
United States .....	11.6	10.1	9.1	8.3
Chicago .....	7.9	6.9	8.2	8.0
Houston <sup>2</sup> .....	4.0	5.3	3.2	3.8
Los Angeles-Long Beach .....	11.0	9.2	8.3	6.9
Miami .....	10.0	9.6	6.2	5.2
New York <sup>2</sup> .....	13.3	11.8	11.3	11.2
San Francisco-Oakland .....	13.0	8.5	10.3	5.1

<sup>1</sup>Error ranges for the Hispanic-origin population were not available at the time of publication.

<sup>2</sup>These data for the Hispanic-origin population are based on the 1970 boundary definition for the SMSA. Therefore, they are not strictly comparable with data for the SMSA appearing in other tables in this report.

## **Section II. State Estimates from the Current Population Survey, 1979 Annual Averages**



**Table 1. Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
<b>Alabama</b>							
Total.....	2,727	1,625	59.6	1,509	116	7.1	6.3 - 7.9
Men.....	1,292	970	75.1	917	53	5.5	4.6 - 6.4
Women.....	1,435	654	45.6	592	62	9.5	8.0 - 11.0
Men, 20 years and over.....	1,145	891	77.8	853	38	4.3	3.4 - 5.2
Women, 20 years and over.....	1,302	604	46.4	558	47	7.8	6.4 - 9.2
Both sexes, 16-19 years.....	280	129	46.1	99	31	24.0	19.5 - 28.5
White.....	2,052	1,255	61.2	1,187	68	5.4	4.6 - 6.2
Men.....	938	773	77.5	739	34	4.4	3.4 - 5.4
Women.....	1,053	482	45.8	448	33	6.9	5.4 - 8.4
Men, 20 years and over.....	837	711	79.3	636	25	3.5	2.6 - 4.4
Women, 20 years and over.....	970	446	46.0	419	27	6.1	4.8 - 7.6
Both sexes, 16-19 years.....	184	97	52.7	82	15	15.5	10.9 - 20.1
Black and other(2).....	675	370	54.8	322	48	13.0	10.8 - 15.2
Men.....	294	197	67.0	178	19	9.8	7.1 - 12.5
Women.....	381	173	45.4	144	29	16.6	13.0 - 20.2
Men, 20 years and over.....	248	179	72.2	167	13	7.3	4.8 - 9.8
Women, 20 years and over.....	331	159	48.0	139	21	13.2	9.8 - 16.6
<b>Alaska</b>							
Total.....	254	180	70.9	164	17	9.2	8.4 - 10.0
Men.....	125	102	81.6	92	10	10.1	9.0 - 11.2
Women.....	129	78	60.5	72	6	7.9	6.8 - 9.0
Men, 20 years and over.....	113	55	48.1	46	8	8.4	7.3 - 9.5
Women, 20 years and over.....	115	70	60.3	66	4	5.7	4.7 - 6.7
Both sexes, 16-19 years.....	25	15	57.7	13	2	13.3	10.1 - 16.5
White.....	201	152	75.6	140	13	8.3	7.5 - 9.1
Men.....	100	87	87.0	79	8	9.0	7.9 - 10.1
Women.....	101	66	65.3	61	5	7.4	6.2 - 8.6
Men, 20 years and over.....	91	82	90.1	74	7	8.5	7.4 - 9.6
Women, 20 years and over.....	91	60	65.9	56	5	8.3	7.0 - 9.6
Both sexes, 16-19 years.....	19	12	63.2	10	2	16.7	12.9 - 20.5
Black and other(2).....	53	28	52.8	24	4	13.7	11.3 - 16.1
Men.....	25	15	60.0	13	2	16.4	13.2 - 19.6
Women.....	27	13	48.1	12	1	10.5	7.7 - 13.3
Men, 20 years and over.....	22	13	59.1	11	2	15.4	11.7 - 19.1
Women, 20 years and over.....	24	11	45.8	11	1	9.1	5.9 - 12.3
<b>Arizona</b>							
Total.....	1,746	1,052	60.3	999	53	5.1	4.3 - 5.9
Men.....	827	611	73.9	585	26	4.2	3.3 - 5.1
Women.....	919	441	48.0	413	28	6.3	5.0 - 7.6
Men, 20 years and over.....	745	557	74.8	536	22	3.9	3.0 - 4.8
Women, 20 years and over.....	832	357	42.5	368	19	4.9	3.7 - 6.1
Both sexes, 16-19 years.....	170	107	62.9	94	13	12.1	8.7 - 15.5
White.....	1,652	997	60.4	948	49	4.9	4.1 - 5.7
Men.....	779	577	74.1	554	23	4.0	3.1 - 4.9
Women.....	873	420	48.1	394	25	6.1	4.8 - 7.4
Men, 20 years and over.....	706	529	74.9	510	19	3.6	2.7 - 4.5
Women, 20 years and over.....	792	369	46.6	351	17	4.6	3.4 - 5.8
Both sexes, 16-19 years.....	155	95	63.9	87	11	11.1	7.7 - 14.5
Black and other(2).....	94	55	58.5	51	5	8.2	3.9 - 12.5
<b>Arkansas</b>							
Total.....	1,592	954	59.9	895	59	6.2	5.4 - 7.0
Men.....	741	531	71.7	506	25	4.7	3.7 - 5.7
Women.....	851	423	49.7	389	34	8.2	6.8 - 9.6
Men, 20 years and over.....	657	479	72.9	463	17	3.5	2.6 - 4.4
Women, 20 years and over.....	774	387	50.0	361	26	6.7	5.3 - 8.1
Both sexes, 16-19 years.....	161	86	53.4	71	16	18.6	14.3 - 22.9
White.....	1,331	819	61.5	783	36	4.4	3.6 - 5.2
Men.....	627	461	73.5	445	16	3.5	2.6 - 4.4
Women.....	704	358	50.9	338	20	5.6	4.3 - 6.9
Men, 20 years and over.....	566	418	73.9	407	11	2.6	1.8 - 3.4
Women, 20 years and over.....	649	331	51.0	313	17	5.1	3.8 - 6.4
Both sexes, 16-19 years.....	116	70	60.3	63	7	10.0	6.2 - 13.8
Black and other(2).....	261	135	51.7	112	23	17.3	13.9 - 20.7
Men.....	113	70	61.9	61	9	12.9	8.6 - 17.2
Women.....	147	65	44.2	51	14	22.0	16.8 - 27.2
Men, 20 years and over.....	90	61	67.8	55	6	9.8	5.7 - 13.9
Women, 20 years and over.....	125	57	45.6	48	9	15.8	10.7 - 20.9
<b>California</b>							
Total.....	16,757	10,958	65.5	10,285	683	6.2	5.9 - 6.5
Men.....	7,935	6,264	78.9	5,909	355	5.7	5.4 - 6.0
Women.....	8,822	4,704	53.3	4,376	328	7.0	6.6 - 7.4
Men, 20 years and over.....	7,132	5,755	80.7	5,497	258	4.5	4.2 - 4.8
Women, 20 years and over.....	8,024	4,271	53.2	4,009	261	6.1	5.7 - 6.5
Both sexes, 16-19 years.....	1,662	942	58.8	778	154	17.4	16.0 - 18.8
White.....	14,647	9,639	65.8	9,081	558	5.8	5.5 - 6.1
Men.....	6,970	5,565	79.8	5,280	285	5.1	4.7 - 5.5
Women.....	7,677	4,074	53.1	3,801	273	6.7	6.2 - 7.2
Men, 20 years and over.....	6,293	5,112	81.2	4,936	206	4.0	3.7 - 4.3
Women, 20 years and over.....	6,996	3,886	55.7	3,469	216	5.9	5.4 - 6.4
Both sexes, 16-19 years.....	1,358	841	61.9	705	136	16.2	14.8 - 17.6

See footnotes at end of table.



**Table 1. Continued—Labor force status of the civilian noninstitutional population  
16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
<b>Black and other(2)</b> .....	2,110	1,329	63.0	1,204	125	9.4	8.4 - 10.4
Men.....	964	699	72.5	629	70	10.0	8.6 - 11.4
Women.....	1,145	630	55.0	575	55	8.7	7.4 - 10.0
Men, 20 years and over.....	839	643	76.6	591	52	8.1	6.8 - 9.4
Women, 20 years and over.....	1,027	534	56.9	540	45	7.7	6.4 - 9.0
Both sexes, 16-19 years.....	243	102	42.0	73	28	27.5	22.7 - 32.3
<b>Colorado</b>							
<b>Total</b> .....	2,006	1,386	69.1	1,320	66	4.8	4.2 - 5.4
Men.....	974	804	82.5	773	32	3.9	3.2 - 4.6
Women.....	1,032	582	56.4	547	35	6.0	4.9 - 7.1
Men, 20 years and over.....	855	720	84.2	699	22	3.1	2.4 - 3.8
Women, 20 years and over.....	938	521	55.5	496	26	5.0	4.0 - 6.0
Both sexes, 16-19 years.....	213	146	68.5	125	20	13.7	10.8 - 16.6
<b>White</b> .....	1,924	1,322	68.7	1,262	59	4.5	3.9 - 5.1
Men.....	936	771	82.4	742	29	3.8	3.1 - 4.5
Women.....	988	551	55.8	521	30	5.5	4.5 - 6.5
Men, 20 years and over.....	821	689	83.9	670	19	2.8	2.1 - 3.5
Women, 20 years and over.....	898	493	54.9	471	22	4.5	3.5 - 5.5
Both sexes, 16-19 years.....	205	140	68.3	123	18	12.9	10.0 - 15.8
<b>Black and other(2)</b> .....	82	64	78.0	57	7	10.5	6.3 - 14.7
Men.....	38	33	86.8	31	2	7.4	2.9 - 11.9
<b>Connecticut</b>							
<b>Total</b> .....	2,358	1,581	67.0	1,500	81	5.1	4.5 - 5.7
Men.....	1,113	887	79.7	848	39	4.3	3.5 - 5.1
Women.....	1,245	694	55.7	652	42	6.1	5.1 - 7.1
Men, 20 years and over.....	990	807	81.5	779	27	3.3	2.6 - 4.0
Women, 20 years and over.....	1,129	621	55.0	589	31	5.0	4.0 - 6.0
Both sexes, 16-19 years.....	239	154	64.4	131	23	14.9	11.9 - 17.9
<b>White</b> .....	2,210	1,476	66.8	1,411	66	4.5	3.9 - 5.1
Men.....	1,051	838	79.7	807	31	3.7	3.0 - 4.4
Women.....	1,159	638	55.0	603	35	5.4	4.4 - 6.4
Men, 20 years and over.....	942	765	81.2	743	22	2.9	2.2 - 3.6
Women, 20 years and over.....	1,053	569	54.0	543	25	4.4	3.4 - 5.4
Both sexes, 16-19 years.....	215	143	66.5	124	19	13.3	10.3 - 16.3
<b>Black and other(2)</b> .....	148	104	70.3	89	15	14.3	10.5 - 18.1
Men.....	62	48	77.4	41	7	15.3	9.8 - 20.8
Women.....	86	56	65.1	48	7	13.4	8.5 - 18.3
Women, 20 years and over.....	76	52	68.4	46	6	11.5	6.6 - 16.4
<b>Delaware</b>							
<b>Total</b> .....	428	275	64.3	253	22	8.0	6.9 - 9.1
Men.....	206	161	78.2	151	10	6.5	5.3 - 7.7
Women.....	222	113	50.9	102	12	10.2	8.4 - 12.0
Men, 20 years and over.....	182	146	80.2	139	7	4.8	3.7 - 5.9
Women, 20 years and over.....	199	100	50.3	92	9	9.0	7.2 - 10.8
Both sexes, 16-19 years.....	47	29	61.7	23	6	20.7	16.2 - 25.2
<b>White</b> .....	380	242	63.7	225	17	7.1	6.0 - 8.2
Men.....	184	146	79.3	137	8	5.7	4.5 - 6.9
Women.....	195	96	49.2	88	9	9.2	7.3 - 11.1
Men, 20 years and over.....	164	132	80.5	125	6	4.5	3.3 - 5.7
Women, 20 years and over.....	174	84	48.3	78	6	7.1	5.3 - 8.9
Both sexes, 16-19 years.....	41	26	63.4	21	4	15.4	11.1 - 19.7
<b>Black and other(2)</b> .....	48	32	66.7	28	5	14.9	10.9 - 18.9
Men.....	22	16	72.7	13	2	13.9	8.6 - 19.2
Women.....	26	17	65.4	14	3	15.9	10.1 - 21.7
Women, 20 years and over.....	23	15	65.2	13	3	20.0	13.7 - 26.3
<b>District of Columbia</b>							
<b>Total</b> .....	489	320	65.4	296	24	7.5	6.4 - 8.6
Men.....	227	162	71.4	150	12	7.4	5.8 - 9.0
Women.....	262	158	60.3	146	12	7.7	6.1 - 9.3
Men, 20 years and over.....	205	153	74.6	143	9	5.9	4.5 - 7.3
Women, 20 years and over.....	244	150	61.5	141	10	6.7	5.2 - 8.2
<b>White</b> .....	152	103	67.8	99	4	3.8	2.3 - 5.3
Men.....	69	54	78.3	52	2	3.7	1.7 - 5.7
Women.....	83	49	59.0	47	2	3.9	1.7 - 6.1
Men, 20 years and over.....	66	53	80.3	51	2	3.8	1.8 - 5.8
Women, 20 years and over.....	81	48	59.3	46	2	4.2	2.0 - 6.4
<b>Black and other(2)</b> .....	337	217	64.4	197	20	9.3	7.8 - 10.8
Men.....	158	108	68.4	98	10	9.2	7.1 - 11.3
Women.....	179	109	60.9	99	10	9.4	7.3 - 11.5
Men, 20 years and over.....	139	100	71.9	93	7	7.0	5.0 - 9.0
Women, 20 years and over.....	163	102	62.6	94	8	7.8	5.8 - 9.8
<b>Florida</b>							
<b>Total</b> .....	6,756	3,835	56.8	3,605	230	6.0	5.5 - 6.5
Men.....	3,151	2,187	69.4	2,079	108	5.0	4.4 - 5.6
Women.....	3,605	1,648	45.7	1,527	122	7.4	6.6 - 8.2
Men, 20 years and over.....	2,831	1,983	70.0	1,905	77	3.9	3.4 - 4.4
Women, 20 years and over.....	3,287	1,484	45.1	1,398	87	5.9	5.1 - 6.7
Both sexes, 16-19 years.....	639	368	57.6	302	67	18.2	15.8 - 20.6

See footnotes at end of table.

**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
White.....	5,707	3,152	55.2	2,997	156	4.9	4.4 - 5.4
Men.....	2,672	1,830	68.5	1,750	80	4.4	3.8 - 5.0
Women.....	3,035	1,323	43.6	1,247	75	5.7	4.9 - 6.5
Men, 20 years and over.....	2,414	1,654	68.5	1,595	59	3.6	3.0 - 4.2
Women, 20 years and over.....	2,796	1,191	42.6	1,134	57	4.8	4.0 - 5.6
Both sexes, 16-19 years.....	498	308	61.8	269	39	12.7	10.4 - 15.0
Black and other(2).....	1,049	683	65.1	609	74	10.9	9.4 - 12.4
Men.....	479	357	74.5	329	28	7.9	6.1 - 9.7
Women.....	569	325	57.3	279	46	14.2	11.8 - 16.6
Men, 20 years and over.....	417	329	78.9	311	18	5.5	3.9 - 7.1
Women, 20 years and over.....	489	294	60.1	264	29	9.9	7.7 - 12.1
Both sexes, 16-19 years.....	141	61	43.3	34	27	44.3	38.1 - 50.5
Georgia							
Total.....	3,636	2,334	64.2	2,215	119	5.1	4.5 - 5.7
Men.....	1,677	1,317	78.5	1,271	46	3.5	2.8 - 4.2
Women.....	1,959	1,017	51.9	944	73	7.2	6.2 - 8.2
Men, 20 years and over.....	1,499	1,203	80.3	1,170	33	2.7	2.1 - 3.3
Women, 20 years and over.....	1,767	917	51.9	863	54	5.9	4.9 - 6.9
Both sexes, 16-19 years.....	370	213	57.6	182	31	14.6	11.6 - 17.6
White.....	2,921	1,895	64.9	1,825	70	3.7	3.1 - 4.3
Men.....	1,366	1,093	80.0	1,060	34	3.1	2.4 - 3.8
Women.....	1,555	802	51.6	765	36	4.6	3.7 - 5.5
Men, 20 years and over.....	1,229	998	81.2	975	24	2.4	1.8 - 3.0
Women, 20 years and over.....	1,405	719	51.2	694	25	3.5	2.6 - 4.4
Both sexes, 16-19 years.....	286	178	62.2	157	22	12.4	9.3 - 15.5
Black and other(2).....	715	439	61.4	390	49	11.1	9.2 - 13.0
Men.....	311	223	71.7	211	12	5.4	3.4 - 7.4
Women.....	404	215	53.2	179	37	17.0	13.8 - 20.2
Men, 20 years and over.....	269	205	76.2	195	9	4.4	2.5 - 6.3
Women, 20 years and over.....	361	193	54.8	169	30	15.2	12.0 - 18.4
Hawaii							
Total.....	610	399	65.4	374	25	6.3	5.4 - 7.2
Men.....	286	216	75.5	203	13	6.1	4.9 - 7.3
Women.....	324	183	56.5	171	12	6.5	5.2 - 7.8
Men, 20 years and over.....	263	203	77.2	194	10	4.9	3.8 - 6.0
Women, 20 years and over.....	293	168	57.3	159	9	5.4	4.1 - 6.7
Both sexes, 16-19 years.....	54	28	51.9	21	7	25.0	19.7 - 30.3
White.....	178	116	65.2	106	10	8.7	6.8 - 10.6
Men.....	83	64	77.1	59	5	8.2	5.8 - 10.6
Women.....	95	52	54.7	47	5	9.3	6.4 - 12.2
Men, 20 years and over.....	77	61	79.2	57	3	4.9	2.9 - 6.9
Women, 20 years and over.....	88	48	54.5	44	4	8.3	5.5 - 11.1
Black and other(2).....	432	283	65.5	268	15	5.3	4.3 - 6.3
Men.....	203	152	74.9	144	8	5.2	3.9 - 6.5
Women.....	229	132	57.6	125	7	5.4	4.0 - 6.8
Men, 20 years and over.....	186	143	76.9	136	6	4.2	3.0 - 5.4
Women, 20 years and over.....	205	120	58.5	116	5	4.2	2.8 - 5.6
Both sexes, 16-19 years.....	41	21	51.2	17	4	19.0	13.1 - 24.9
Idaho							
Total.....	634	422	66.6	398	24	5.7	4.9 - 6.5
Men.....	312	255	81.7	242	13	5.1	4.2 - 6.0
Women.....	322	167	51.9	156	11	6.5	5.2 - 7.8
Men, 20 years and over.....	280	233	83.2	224	9	3.9	3.0 - 4.8
Women, 20 years and over.....	288	148	51.4	140	8	5.4	4.1 - 6.7
Both sexes, 16-19 years.....	66	41	62.1	35	6	14.6	11.0 - 18.2
White.....	626	417	66.6	394	23	5.6	4.8 - 6.4
Men.....	308	252	81.8	239	13	5.2	4.3 - 6.1
Women.....	318	165	51.9	155	10	6.3	5.0 - 7.6
Men, 20 years and over.....	276	230	83.3	221	9	3.9	3.0 - 4.8
Women, 20 years and over.....	284	146	51.4	139	7	4.8	3.6 - 6.0
Both sexes, 16-19 years.....	65	41	63.1	34	6	14.6	11.0 - 18.2
Illinois							
Total.....	8,256	5,331	64.6	5,038	293	5.5	5.1 - 5.9
Men.....	3,907	3,087	79.0	2,938	149	4.8	4.3 - 5.3
Women.....	4,349	2,244	51.6	2,100	143	6.4	5.8 - 7.0
Men, 20 years and over.....	3,491	2,839	81.3	2,727	112	3.9	3.4 - 4.4
Women, 20 years and over.....	3,919	2,006	51.2	1,895	110	5.5	4.9 - 6.1
Both sexes, 16-19 years.....	846	486	57.4	416	70	14.4	12.5 - 16.3
White.....	7,083	4,627	65.3	4,415	213	4.6	4.2 - 5.0
Men.....	3,383	2,719	80.4	2,612	107	3.9	3.4 - 4.4
Women.....	3,701	1,908	51.6	1,802	106	5.6	4.9 - 6.3
Men, 20 years and over.....	3,036	2,496	82.2	2,415	80	3.2	2.8 - 3.6
Women, 20 years and over.....	3,359	1,695	50.5	1,615	80	4.7	4.1 - 5.3
Both sexes, 16-19 years.....	689	436	63.3	384	52	11.9	10.0 - 13.8
Black and other(2).....	1,173	704	60.0	624	80	11.4	9.9 - 12.9
Men.....	524	369	70.4	326	43	11.6	9.5 - 13.7
Women.....	649	335	51.6	298	37	11.2	9.1 - 13.3
Men, 20 years and over.....	455	344	75.6	311	33	9.6	7.6 - 11.6
Women, 20 years and over.....	561	310	55.3	281	26	9.0	7.0 - 11.0
Both sexes, 16-19 years.....	158	51	32.3	32	19	37.3	30.1 - 44.5

See footnotes at end of table.



**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
<b>Indiana</b>							
Total	3,947	2,610	66.1	2,443	167	6.4	5.8 - 7.0
Men	1,882	1,522	80.9	1,434	88	5.8	5.1 - 6.5
Women	2,065	1,088	52.7	1,009	79	7.2	6.2 - 8.2
Men, 20 years and over	1,668	1,375	82.4	1,314	61	4.4	3.7 - 5.1
Women, 20 years and over	1,851	969	52.4	912	57	5.9	5.0 - 6.8
Both sexes, 16-19 years	427	267	62.5	217	49	18.4	15.7 - 21.1
White	3,648	2,410	66.1	2,273	136	5.7	5.1 - 6.3
Men	1,747	1,416	81.1	1,341	75	5.3	4.6 - 6.0
Women	1,900	993	52.3	932	62	6.2	5.3 - 7.1
Men, 20 years and over	1,558	1,280	82.2	1,223	52	4.1	3.4 - 4.8
Women, 20 years and over	1,711	885	51.7	843	43	4.9	4.0 - 5.8
Both sexes, 16-19 years	379	244	64.4	201	43	17.6	14.8 - 20.4
Black and other(2)	299	200	66.9	170	31	15.2	12.1 - 18.3
Men	135	106	78.5	92	13	12.7	8.8 - 16.6
Women	164	95	57.9	78	17	18.1	13.4 - 22.8
Men, 20 years and over	111	94	84.7	84	9	9.6	5.9 - 13.3
Women, 20 years and over	140	83	59.3	70	14	16.9	12.0 - 21.8
<b>Iowa</b>							
Total	2,153	1,432	66.5	1,373	59	4.1	3.5 - 4.7
Men	1,039	847	81.5	816	31	3.7	2.9 - 4.5
Women	1,114	585	52.5	557	28	4.8	3.7 - 5.9
Men, 20 years and over	923	765	82.9	742	22	2.9	2.2 - 3.6
Women, 20 years and over	1,000	512	51.2	492	19	3.7	2.7 - 4.7
Both sexes, 16-19 years	230	157	68.3	138	18	11.5	8.5 - 14.5
White	2,112	1,408	66.7	1,351	57	4.0	3.4 - 4.6
Men	1,019	833	81.7	804	30	3.6	2.8 - 4.4
Women	1,093	575	52.6	543	27	4.7	3.6 - 5.8
Men, 20 years and over	906	753	83.1	732	22	2.9	2.1 - 3.7
Women, 20 years and over	982	503	51.2	484	18	3.6	2.6 - 4.6
Both sexes, 16-19 years	225	153	68.0	136	18	11.8	8.7 - 14.9
<b>Kansas</b>							
Total	1,750	1,197	68.4	1,157	40	3.4	2.8 - 4.0
Men	843	683	81.0	663	21	3.0	2.3 - 3.7
Women	907	514	56.7	494	20	3.8	2.9 - 4.7
Men, 20 years and over	760	628	82.6	612	17	2.7	2.0 - 3.4
Women, 20 years and over	830	465	56.0	449	17	3.7	2.7 - 4.7
Both sexes, 16-19 years	160	105	65.6	97	8	7.6	4.8 - 10.4
White	1,662	1,138	68.5	1,102	36	3.2	2.6 - 3.8
Men	803	655	81.6	637	18	2.7	2.0 - 3.4
Women	859	484	56.3	466	18	3.8	2.9 - 4.7
Men, 20 years and over	724	601	83.0	587	14	2.3	1.6 - 3.0
Women, 20 years and over	788	437	55.5	423	15	3.4	2.4 - 4.4
Both sexes, 16-19 years	149	100	67.1	92	8	8.0	5.1 - 10.9
Black and other(2)	88	59	67.0	55	4	7.0	3.4 - 10.6
<b>Kentucky</b>							
Total	2,549	1,563	61.3	1,476	87	5.6	4.8 - 6.4
Men	1,213	927	76.4	882	45	4.9	4.0 - 5.8
Women	1,337	636	47.6	594	42	6.6	5.3 - 7.9
Men, 20 years and over	1,087	850	78.2	821	29	3.4	2.6 - 4.2
Women, 20 years and over	1,199	572	47.7	541	31	5.4	4.2 - 6.6
Both sexes, 16-19 years	264	140	53.0	114	26	18.6	14.5 - 22.7
White	2,362	1,458	61.7	1,381	77	5.3	4.5 - 6.1
Men	1,128	867	76.9	827	40	4.6	3.7 - 5.5
Women	1,234	591	47.9	554	37	6.2	4.9 - 7.5
Men, 20 years and over	1,014	795	78.4	769	26	3.3	2.5 - 4.1
Women, 20 years and over	1,109	529	47.7	502	27	5.1	3.9 - 6.3
Both sexes, 16-19 years	240	134	55.8	110	24	17.9	13.8 - 22.0
Black and other(2)	187	105	56.1	95	10	9.6	5.9 - 13.3
Men	85	60	70.6	55	5	8.5	3.9 - 13.1
Women, 20 years and over	74	56	75.7	52	4	7.1	2.6 - 11.6
<b>Louisiana</b>							
Total	2,818	1,679	59.6	1,567	112	6.7	6.0 - 7.4
Men	1,336	1,010	75.6	959	52	5.1	4.3 - 5.9
Women	1,482	669	45.1	609	60	9.0	7.7 - 10.3
Men, 20 years and over	1,177	928	78.8	893	36	3.9	3.1 - 4.7
Women, 20 years and over	1,337	610	45.6	565	44	7.2	5.9 - 8.5
Both sexes, 16-19 years	305	162	46.6	110	32	22.5	18.6 - 26.4
White	2,060	1,250	60.7	1,194	57	4.5	3.8 - 5.2
Men	1,004	783	78.0	751	32	4.1	3.2 - 5.0
Women	1,056	467	44.2	442	25	5.3	4.0 - 6.6
Men, 20 years and over	899	722	80.3	700	23	3.2	2.4 - 4.0
Women, 20 years and over	964	425	44.1	408	17	4.0	2.8 - 5.2
Both sexes, 16-19 years	197	102	51.8	85	17	16.7	12.4 - 21.0
Black and other(2)	758	429	56.6	374	55	12.8	10.9 - 14.7
Men	332	227	68.4	207	20	8.8	6.5 - 11.1
Women	426	202	47.4	167	35	17.4	14.3 - 20.5
Men, 20 years and over	278	206	74.1	193	12	5.8	3.8 - 7.8
Women, 20 years and over	373	184	49.3	157	28	15.2	12.1 - 18.3

See footnotes at end of table.

**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
<b>Maine</b>							
Total	800	488	61.0	453	35	7.2	6.3 - 8.1
Men	383	282	73.6	263	19	6.8	5.6 - 8.0
Women	417	207	49.6	191	16	7.7	6.2 - 9.2
Men, 20 years and over	344	257	74.7	242	15	5.8	4.6 - 7.0
Women, 20 years and over	373	183	49.1	170	13	7.1	5.6 - 8.6
Both sexes, 16-19 years	83	49	59.0	41	7	14.3	10.5 - 18.1
White	795	485	61.0	451	34	7.1	6.2 - 8.0
Men	380	280	73.7	261	19	6.6	5.4 - 7.8
Women	415	205	49.4	190	16	7.6	6.1 - 9.1
Men, 20 years and over	342	255	74.6	240	15	5.9	4.7 - 7.1
Women, 20 years and over	372	181	48.7	169	13	7.2	5.7 - 8.7
Both sexes, 16-19 years	83	50	60.2	41	7	16.0	10.5 - 18.1
<b>Maryland</b>							
Total	3,074	2,092	68.1	1,968	124	5.9	5.1 - 6.7
Men	1,462	1,198	81.9	1,139	59	5.0	4.1 - 5.9
Women	1,612	893	55.4	829	64	7.2	5.9 - 8.5
Men, 20 years and over	1,296	1,050	84.1	1,050	40	3.7	2.8 - 4.6
Women, 20 years and over	1,438	790	54.9	741	49	6.2	4.9 - 7.5
Both sexes, 16-19 years	339	212	62.5	178	35	16.5	12.8 - 20.2
White	2,420	1,642	67.9	1,573	69	4.2	3.4 - 5.0
Men	1,163	957	83.1	933	34	3.5	2.6 - 4.4
Women	1,257	675	53.7	640	35	5.2	3.9 - 6.5
Men, 20 years and over	1,039	880	84.7	858	23	2.6	1.8 - 3.4
Women, 20 years and over	1,123	590	52.5	564	26	4.4	3.1 - 5.7
Both sexes, 16-19 years	258	172	66.7	151	21	12.2	8.5 - 15.9
Black and other(2)	654	450	68.8	395	55	12.2	9.9 - 14.5
Men	298	232	77.9	206	26	11.1	8.0 - 14.2
Women	355	218	61.4	189	29	13.4	10.0 - 16.8
Men, 20 years and over	256	209	81.6	192	18	8.6	5.7 - 11.5
Women, 20 years and over	315	200	63.5	177	23	11.5	8.1 - 14.9
<b>Massachusetts</b>							
Total	4,369	2,891	66.2	2,731	160	5.5	5.1 - 5.9
Men	2,057	1,632	79.3	1,544	88	5.4	4.8 - 6.0
Women	2,312	1,259	54.5	1,187	72	5.7	5.0 - 6.4
Men, 20 years and over	1,829	1,433	81.1	1,418	64	4.3	3.8 - 4.8
Women, 20 years and over	2,095	1,122	53.6	1,067	56	4.8	4.1 - 5.5
Both sexes, 16-19 years	445	286	64.3	244	42	14.7	12.6 - 16.8
White	4,170	2,755	66.1	2,604	151	5.5	5.0 - 6.0
Men	1,957	1,554	79.4	1,471	83	5.3	4.7 - 5.9
Women	2,214	1,200	54.2	1,132	68	5.7	5.0 - 6.4
Men, 20 years and over	1,743	1,411	81.0	1,349	61	4.3	3.7 - 4.9
Women, 20 years and over	2,009	1,069	53.2	1,017	51	4.8	4.1 - 5.5
Both sexes, 16-19 years	418	275	65.8	236	33	13.8	11.7 - 15.9
Black and other(2)	199	136	68.3	127	10	7.0	4.7 - 9.3
Men	100	78	78.0	72	6	7.3	4.2 - 10.4
Women	98	59	60.2	55	4	6.7	3.3 - 10.1
Men, 20 years and over	86	72	83.7	68	4	5.6	2.8 - 8.4
Women, 20 years and over	85	53	62.4	50	2	3.8	1.0 - 6.6
<b>Michigan</b>							
Total	6,717	4,313	64.2	3,978	335	7.8	7.3 - 8.3
Men	3,225	2,546	78.9	2,363	183	7.2	6.6 - 7.8
Women	3,492	1,768	50.6	1,615	152	8.6	7.8 - 9.4
Men, 20 years and over	2,859	2,298	80.4	2,155	143	6.2	5.6 - 6.8
Women, 20 years and over	3,124	1,541	49.3	1,422	118	7.7	6.9 - 8.5
Both sexes, 16-19 years	734	475	64.7	401	75	15.8	13.8 - 17.8
White	5,876	3,773	64.2	3,526	247	6.5	6.0 - 7.0
Men	2,828	2,248	79.5	2,112	136	6.1	5.5 - 6.7
Women	3,049	1,525	50.0	1,414	111	7.3	6.5 - 8.1
Men, 20 years and over	2,512	2,027	80.7	1,922	104	5.1	4.5 - 5.7
Women, 20 years and over	2,727	1,320	48.4	1,236	85	6.4	5.6 - 7.2
Both sexes, 16-19 years	637	426	66.9	368	58	13.6	11.6 - 15.6
Black and other(2)	841	541	64.3	452	88	16.3	14.4 - 18.2
Men	397	298	75.1	251	46	15.6	13.0 - 18.2
Women	443	243	54.9	201	42	17.2	14.2 - 20.2
Men, 20 years and over	347	271	78.1	233	38	14.0	11.4 - 16.6
Women, 20 years and over	397	220	55.4	186	34	15.5	12.5 - 18.5
Both sexes, 16-19 years	95	49	51.6	33	17	34.7	27.2 - 42.2
<b>Minnesota</b>							
Total	2,993	2,064	69.0	1,978	86	4.2	3.6 - 4.8
Men	1,460	1,186	81.2	1,138	49	4.1	3.3 - 4.9
Women	1,533	877	57.2	840	37	4.2	3.3 - 5.1
Men, 20 years and over	1,303	1,075	82.5	1,042	34	3.2	2.5 - 3.9
Women, 20 years and over	1,376	768	55.8	744	24	3.1	2.2 - 4.0
Both sexes, 16-19 years	313	221	70.6	192	29	13.1	10.0 - 16.2
White	2,936	2,022	68.9	1,939	83	4.1	3.5 - 4.7
Men	1,435	1,167	81.3	1,120	47	4.0	3.2 - 4.8
Women	1,501	854	56.9	819	36	4.2	3.2 - 5.2
Men, 20 years and over	1,281	1,058	82.6	1,026	33	3.1	2.4 - 3.8
Women, 20 years and over	1,351	750	55.5	727	24	3.2	2.3 - 4.1
Both sexes, 16-19 years	303	214	70.6	187	27	12.6	9.5 - 15.7

See footnotes at end of table.

**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
<b>Mississippi</b>							
Total	1,683	986	58.6	929	57	5.8	5.0 - 6.6
Men	787	562	71.9	537	25	4.5	3.6 - 5.4
Women	901	424	47.1	392	32	7.6	6.3 - 8.9
Men, 20 years and over	695	514	74.0	497	17	3.3	2.5 - 4.1
Women, 20 years and over	814	384	47.2	361	23	6.0	4.7 - 7.3
Both sexes, 16-19 years	173	87	50.3	71	16	18.4	14.3 - 22.5
White	1,145	680	59.4	655	25	3.7	2.9 - 4.5
Men	541	402	74.3	389	13	3.2	2.3 - 4.1
Women	604	278	46.0	266	12	4.4	3.1 - 5.7
Men, 20 years and over	453	370	75.8	359	11	3.0	2.1 - 3.9
Women, 20 years and over	551	252	45.7	245	8	3.2	2.0 - 4.4
Both sexes, 16-19 years	106	58	54.7	51	7	12.1	7.7 - 16.5
Black and other(2)	538	307	57.1	274	32	10.5	8.7 - 12.3
Men	242	160	66.1	148	12	7.7	5.5 - 9.9
Women	297	146	49.2	126	20	13.5	10.5 - 16.5
Men, 20 years and over	208	144	69.2	138	7	4.9	3.0 - 6.8
Women, 20 years and over	264	132	50.0	117	15	11.4	8.5 - 14.3
<b>Missouri</b>							
Total	3,631	2,292	63.1	2,188	104	4.5	4.0 - 5.0
Men	1,765	1,315	77.1	1,264	51	3.9	3.2 - 4.6
Women	1,925	977	50.8	924	53	5.5	4.6 - 6.4
Men, 20 years and over	1,540	1,206	78.3	1,167	38	3.2	2.6 - 3.8
Women, 20 years and over	1,758	881	50.1	844	37	4.2	3.4 - 5.0
Both sexes, 16-19 years	353	206	61.9	177	30	14.6	11.6 - 17.6
White	3,259	2,052	63.0	1,980	72	3.5	3.0 - 4.0
Men	1,532	1,189	77.6	1,154	35	2.9	2.3 - 3.5
Women	1,727	863	50.0	826	37	4.3	3.4 - 5.2
Men, 20 years and over	1,389	1,093	78.7	1,066	27	2.5	1.9 - 3.1
Women, 20 years and over	1,504	779	49.2	753	25	3.2	2.4 - 4.0
Both sexes, 16-19 years	286	182	63.6	162	20	11.0	8.2 - 13.8
Black and other(2)	372	241	64.8	208	32	13.4	10.7 - 16.1
Men	174	126	72.4	110	16	12.7	9.0 - 16.4
Women	198	114	57.6	98	16	14.3	10.3 - 18.3
Men, 20 years and over	151	113	74.8	101	12	10.6	7.0 - 14.2
Women, 20 years and over	174	103	59.2	92	12	11.7	7.8 - 15.6
<b>Montana</b>							
Total	570	369	64.7	351	19	5.1	4.3 - 5.9
Men	274	216	78.8	207	9	4.0	3.1 - 4.9
Women	296	153	51.7	143	10	6.6	5.3 - 7.9
Men, 20 years and over	247	197	80.6	192	7	3.5	2.6 - 4.4
Women, 20 years and over	268	156	50.7	128	8	5.9	4.6 - 7.2
Both sexes, 16-19 years	55	34	61.8	30	3	8.8	5.7 - 11.9
White	547	355	65.1	339	17	4.7	4.0 - 5.4
Men	264	209	79.2	201	8	3.6	2.7 - 4.5
Women	283	147	51.9	138	9	6.3	5.0 - 7.6
Men, 20 years and over	258	192	80.7	186	6	3.1	2.3 - 3.9
Women, 20 years and over	258	130	50.4	123	7	5.4	4.1 - 6.7
Both sexes, 16-19 years	52	33	63.5	30	3	9.1	5.9 - 12.3
Black and other(2)	23	14	60.9	12	2	14.7	8.7 - 20.7
<b>Nebraska</b>							
Total	1,151	772	67.1	747	25	3.2	2.5 - 3.9
Men	542	439	81.0	426	12	2.8	2.0 - 3.6
Women	609	333	54.7	321	12	3.6	2.6 - 4.6
Men, 20 years and over	488	397	81.4	388	8	2.0	1.3 - 2.7
Women, 20 years and over	538	286	53.2	279	8	2.8	1.8 - 3.8
Both sexes, 16-19 years	126	88	69.8	80	8	9.1	6.0 - 12.2
White	1,117	751	67.2	728	23	3.0	2.4 - 3.6
Men	527	429	81.4	418	11	2.5	1.7 - 3.3
Women	590	322	54.6	310	12	3.6	2.5 - 4.7
Men, 20 years and over	474	389	82.1	381	9	2.3	1.5 - 3.1
Women, 20 years and over	522	277	53.1	270	9	2.9	1.9 - 3.9
Both sexes, 16-19 years	121	85	70.2	78	8	9.4	6.2 - 12.6
<b>Nevada</b>							
Total	507	358	70.6	340	18	5.1	4.4 - 5.8
Men	256	214	83.6	204	10	4.7	3.8 - 5.6
Women	251	144	57.4	136	8	5.7	4.5 - 6.9
Men, 20 years and over	232	197	84.9	189	8	4.1	3.2 - 5.0
Women, 20 years and over	221	127	57.5	121	6	4.7	3.5 - 5.9
Both sexes, 16-19 years	53	34	64.2	30	4	11.8	8.3 - 15.3
White	474	332	70.0	316	17	5.0	4.2 - 5.8
Men	240	201	83.8	192	9	4.7	3.8 - 5.6
Women	233	131	56.2	124	7	5.4	4.1 - 6.7
Men, 20 years and over	217	185	85.3	178	7	3.8	2.9 - 4.7
Women, 20 years and over	206	114	55.3	109	5	4.4	3.2 - 5.6
Both sexes, 16-19 years	50	33	66.0	29	4	12.1	8.6 - 15.6
Black and other(2)	33	26	78.8	24	2	6.4	3.0 - 9.8
Men	15	13	86.7	12	1	4.6	0.2 - 9.4
Women	18	13	72.2	12	1	8.2	3.4 - 13.0
Women, 20 years and over	16	13	81.3	12	1	7.7	2.9 - 12.5

See footnotes at end of table.



**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
<b>New Hampshire</b>							
Total	653	445	68.1	431	14	3.1	2.5 - 3.7
Men	316	259	82.0	252	7	2.6	1.8 - 3.4
Women	337	185	54.9	178	7	3.9	2.8 - 5.0
Men, 20 years and over	284	237	83.5	232	5	2.1	1.4 - 2.8
Women, 20 years and over	309	167	54.0	161	6	3.6	2.5 - 4.7
Both sexes, 16-19 years	61	40	65.6	37	3	7.5	4.4 - 10.6
White	650	443	68.2	429	14	3.1	2.5 - 3.7
Men	314	258	82.2	251	7	2.6	1.8 - 3.4
Women	335	185	55.2	178	7	3.8	2.7 - 4.9
Men, 20 years and over	282	256	83.7	231	5	2.1	1.4 - 2.8
Women, 20 years and over	307	167	54.4	161	6	3.6	2.5 - 4.7
Both sexes, 16-19 years	59	40	67.8	37	3	7.5	4.4 - 10.6
<b>New Jersey</b>							
Total	5,504	3,537	64.3	3,293	245	6.9	6.4 - 7.4
Men	2,554	1,994	78.1	1,872	123	6.2	5.6 - 6.8
Women	2,950	1,543	52.3	1,421	122	7.9	7.1 - 8.7
Men, 20 years and over	2,301	1,861	80.9	1,764	98	5.3	4.7 - 5.9
Women, 20 years and over	2,660	1,380	51.9	1,290	91	6.6	5.8 - 7.4
Both sexes, 16-19 years	542	296	54.6	240	56	18.9	16.3 - 21.5
White	4,856	3,110	64.0	2,918	193	6.2	5.7 - 6.7
Men	2,289	1,788	78.4	1,691	97	5.4	4.8 - 6.0
Women	2,577	1,322	51.3	1,227	96	7.2	6.4 - 8.0
Men, 20 years and over	2,060	1,655	80.8	1,590	76	4.6	4.0 - 5.2
Women, 20 years and over	2,327	1,178	50.6	1,108	71	6.0	5.2 - 6.8
Both sexes, 16-19 years	471	267	56.7	220	47	17.6	15.0 - 20.2
Black and other(2)	648	427	65.9	375	52	12.2	10.3 - 14.1
Men	274	206	75.2	180	26	12.6	9.9 - 15.3
Women	373	221	59.2	194	25	11.9	9.3 - 14.5
Men, 20 years and over	242	196	81.0	173	23	11.7	9.0 - 14.4
Women, 20 years and over	333	202	60.7	181	20	9.9	7.4 - 12.4
<b>New Mexico</b>							
Total	864	537	62.2	502	35	6.6	5.8 - 7.4
Men	411	316	76.9	298	18	5.6	4.6 - 6.6
Women	453	221	48.8	203	18	8.0	6.6 - 9.4
Men, 20 years and over	364	287	78.8	274	13	4.5	3.6 - 5.4
Women, 20 years and over	401	193	48.1	181	12	6.7	4.9 - 7.5
Both sexes, 16-19 years	99	57	57.6	46	11	19.3	15.6 - 23.0
White	791	495	62.6	465	30	6.0	5.2 - 6.8
Men	378	294	77.8	279	15	5.0	4.0 - 6.0
Women	413	201	48.7	186	15	7.4	6.0 - 8.8
Men, 20 years and over	337	268	79.5	257	10	3.7	2.8 - 4.6
Women, 20 years and over	366	175	47.8	166	10	5.7	4.4 - 7.0
Both sexes, 16-19 years	88	52	59.1	42	10	19.2	15.3 - 23.1
Black and other(2)	73	43	58.9	37	6	13.4	9.5 - 17.3
Men	33	22	66.7	20	3	12.4	6.9 - 17.9
Women	40	20	50.0	18	3	14.4	8.5 - 20.3
Men, 20 years and over	27	19	70.4	18	2	10.5	5.2 - 15.8
Women, 20 years and over	34	18	52.9	17	2	11.1	5.5 - 16.7
<b>New York</b>							
Total	13,277	8,008	60.3	7,437	571	7.1	6.7 - 7.5
Men	6,135	4,605	75.1	4,297	308	6.7	6.2 - 7.2
Women	7,142	3,403	47.6	3,140	263	7.7	7.1 - 8.3
Men, 20 years and over	5,465	4,266	78.1	4,035	230	5.4	5.0 - 5.8
Women, 20 years and over	6,489	3,115	48.0	2,906	203	6.7	6.1 - 7.3
Both sexes, 16-19 years	1,324	627	47.4	494	133	21.2	19.3 - 23.1
White	11,331	6,850	60.5	6,414	437	6.4	6.0 - 6.8
Men	5,305	4,014	75.7	3,781	234	5.8	5.3 - 6.3
Women	6,027	2,836	47.1	2,633	203	7.2	6.6 - 7.8
Men, 20 years and over	4,758	3,719	78.2	3,548	173	4.7	4.3 - 5.1
Women, 20 years and over	5,504	2,582	46.9	2,417	165	6.4	5.8 - 7.0
Both sexes, 16-19 years	1,070	550	51.4	449	101	18.4	16.5 - 20.3
Black and other(2)	1,946	1,158	59.5	1,024	134	11.6	10.4 - 12.8
Men	831	591	71.1	516	75	12.6	10.9 - 14.3
Women	1,115	567	50.9	507	60	10.5	8.9 - 12.1
Men, 20 years and over	707	547	77.4	489	58	10.6	9.0 - 12.2
Women, 20 years and over	985	533	54.1	489	44	8.3	6.8 - 9.8
Both sexes, 16-19 years	254	78	30.7	45	32	41.0	35.4 - 46.6
<b>North Carolina</b>							
Total	4,049	2,692	66.5	2,563	129	4.8	4.2 - 5.4
Men	1,888	1,496	79.2	1,441	55	3.7	3.0 - 4.4
Women	2,161	1,196	55.3	1,123	74	6.2	5.2 - 7.2
Men, 20 years and over	1,689	1,382	81.8	1,339	43	3.1	2.4 - 3.8
Women, 20 years and over	1,957	1,095	56.0	1,038	58	5.3	4.3 - 6.3
Both sexes, 16-19 years	403	215	53.3	187	28	13.0	9.8 - 16.2
White	3,180	2,137	67.2	2,058	79	3.7	3.1 - 4.3
Men	1,498	1,204	80.4	1,174	31	2.6	1.9 - 3.3
Women	1,682	933	55.5	884	49	5.2	4.2 - 6.2
Men, 20 years and over	1,347	1,114	82.7	1,091	24	2.2	1.6 - 2.8
Women, 20 years and over	1,536	853	55.5	813	40	4.7	3.7 - 5.7
Both sexes, 16-19 years	297	169	56.9	153	16	9.5	6.3 - 12.7

See footnotes at end of table.

**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
Black and other(2)	869	555	63.9	505	50	8.9	7.2 - 10.6
Men	389	291	74.8	267	24	8.3	6.0 - 10.6
Women	480	264	55.0	238	25	9.6	7.0 - 12.2
Men, 20 years and over	342	267	78.1	248	20	7.5	5.2 - 9.8
Women, 20 years and over	422	243	57.6	224	18	7.4	5.0 - 9.8
North Dakota							
Total	468	303	64.7	292	11	3.7	3.1 - 4.3
Men	229	181	79.0	174	7	3.7	2.8 - 4.6
Women	239	123	51.5	118	4	3.6	2.6 - 4.6
Men, 20 years and over	201	152	80.6	157	5	3.1	2.3 - 3.9
Women, 20 years and over	212	106	50.0	102	3	2.8	1.8 - 3.8
Both sexes, 16-19 years	54	35	64.8	33	3	8.6	5.8 - 11.4
White	453	295	65.1	285	9	3.2	2.6 - 3.8
Men	222	176	79.3	171	6	3.2	2.4 - 4.0
Women	231	118	51.1	115	4	3.3	2.3 - 4.3
Men, 20 years and over	186	153	80.6	154	4	2.5	1.8 - 3.2
Women, 20 years and over	206	103	50.0	101	3	2.9	1.9 - 3.9
Both sexes, 16-19 years	51	34	66.7	31	2	5.9	3.5 - 8.3
Ohio							
Total	7,914	5,036	63.6	4,739	297	5.9	5.5 - 6.3
Men	3,752	2,977	79.3	2,828	149	5.0	4.5 - 5.5
Women	4,162	2,059	49.5	1,911	148	7.2	6.5 - 7.9
Men, 20 years and over	3,351	2,722	81.2	2,613	110	4.0	3.5 - 4.5
Women, 20 years and over	3,745	1,807	48.3	1,705	103	5.7	5.0 - 6.4
Both sexes, 16-19 years	817	506	61.9	422	84	16.6	14.7 - 18.5
White	7,140	4,554	63.8	4,322	232	5.1	4.7 - 5.5
Men	3,386	2,713	80.1	2,599	114	4.2	3.7 - 4.7
Women	3,755	1,841	49.0	1,723	118	6.4	5.7 - 7.1
Men, 20 years and over	3,028	2,476	81.8	2,393	82	3.3	2.9 - 3.7
Women, 20 years and over	3,392	1,614	47.6	1,532	81	5.0	4.3 - 5.7
Both sexes, 16-19 years	722	464	64.3	396	69	14.9	13.0 - 16.8
Black and other(2)	774	482	62.3	417	66	13.6	11.7 - 15.5
Men	366	264	72.1	228	36	13.5	11.0 - 16.0
Women	408	219	53.7	189	30	13.7	10.9 - 16.5
Men, 20 years and over	323	246	76.2	217	29	11.8	9.3 - 14.3
Women, 20 years and over	355	195	54.9	173	21	10.8	8.1 - 13.5
Oklahoma							
Total	2,109	1,278	60.6	1,234	44	3.4	2.7 - 4.1
Men	950	742	74.9	722	20	2.7	1.9 - 3.5
Women	1,119	536	47.9	512	24	4.5	3.3 - 5.7
Men, 20 years and over	899	687	76.4	672	15	2.2	1.5 - 2.9
Women, 20 years and over	1,031	451	46.7	462	20	4.2	3.0 - 5.4
Both sexes, 16-19 years	178	110	61.8	101	9	8.2	4.8 - 11.6
White	1,932	1,190	61.6	1,154	36	3.0	2.3 - 3.7
Men	912	698	76.5	634	15	2.1	1.4 - 2.8
Women	1,020	492	48.2	470	22	4.4	3.2 - 5.6
Men, 20 years and over	830	647	78.0	636	12	1.9	1.2 - 2.6
Women, 20 years and over	944	443	46.9	425	18	4.1	2.9 - 5.3
Both sexes, 16-19 years	158	100	63.3	93	7	7.0	3.6 - 10.4
Black and other(2)	177	88	49.7	81	8	8.6	4.5 - 12.7
Oregon							
Total	1,884	1,217	64.6	1,134	83	6.8	5.8 - 7.8
Men	939	733	78.1	688	45	6.1	4.9 - 7.3
Women	945	484	51.2	446	38	7.9	6.3 - 9.5
Men, 20 years and over	838	688	79.7	635	32	4.8	3.7 - 5.9
Women, 20 years and over	857	429	50.1	397	32	7.5	5.8 - 9.2
Both sexes, 16-19 years	189	120	63.5	101	19	15.8	11.5 - 20.1
White	1,816	1,178	64.9	1,099	79	6.7	5.7 - 7.7
Men	908	710	78.2	667	42	6.0	4.8 - 7.2
Women	908	468	51.5	432	36	7.8	6.1 - 9.5
Men, 20 years and over	812	647	79.7	617	29	4.5	3.4 - 5.6
Women, 20 years and over	825	415	50.3	385	30	7.2	5.5 - 8.9
Both sexes, 16-19 years	179	116	64.8	98	19	16.4	11.9 - 20.9
Pennsylvania							
Total	8,895	5,296	59.5	4,930	366	6.9	6.5 - 7.3
Men	4,190	3,132	74.7	2,933	199	6.4	5.9 - 6.9
Women	4,705	2,164	46.0	1,997	167	7.7	7.0 - 8.4
Men, 20 years and over	3,742	2,886	77.1	2,735	151	5.2	4.7 - 5.7
Women, 20 years and over	4,275	1,945	45.5	1,822	122	6.3	5.6 - 7.0
Both sexes, 16-19 years	879	465	52.9	372	93	20.0	17.9 - 22.1
White	8,127	4,858	59.8	4,563	295	6.1	5.7 - 6.5
Men	3,853	2,903	75.3	2,743	160	5.5	5.0 - 6.0
Women	4,275	1,955	45.7	1,820	135	6.9	6.2 - 7.6
Men, 20 years and over	3,458	2,675	77.4	2,555	120	4.5	4.0 - 5.0
Women, 20 years and over	3,899	1,754	45.0	1,656	98	5.6	4.9 - 6.3
Both sexes, 16-19 years	772	428	55.4	353	76	17.8	15.7 - 19.9

See footnotes at end of table.

**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
Black and other(2)	768	438	57.0	367	71	16.2	14.1 - 18.3
Men	337	229	68.0	190	39	17.0	14.1 - 19.9
Women	430	209	48.6	177	32	15.3	12.4 - 18.2
Men, 20 years and over	284	210	73.9	181	30	14.3	11.4 - 17.2
Women, 20 years and over	376	191	50.8	167	24	12.6	9.7 - 15.5
Rhode Island							
Total	700	450	64.3	420	30	6.6	5.6 - 7.6
Men	330	252	76.4	235	17	6.8	5.5 - 8.1
Women	370	198	53.5	185	13	6.5	5.1 - 7.9
Men, 20 years and over	300	232	77.3	219	13	5.6	4.4 - 6.8
Women, 20 years and over	342	179	52.3	168	10	5.6	4.2 - 7.0
Both sexes, 16-19 years	59	39	66.1	32	7	17.9	13.2 - 22.6
White	670	429	64.0	402	28	6.5	5.5 - 7.5
Men	314	240	76.4	225	16	6.5	5.2 - 7.8
Women	356	189	53.1	177	12	6.4	4.9 - 7.9
Men, 20 years and over	235	221	77.5	209	12	5.4	4.1 - 6.7
Women, 20 years and over	330	170	51.5	162	9	5.3	3.9 - 6.7
Both sexes, 16-19 years	55	38	69.1	31	7	18.4	13.6 - 23.2
South Carolina							
Total	2,047	1,306	63.8	1,240	65	5.0	4.3 - 5.7
Men	955	730	76.4	709	22	3.0	2.2 - 3.8
Women	1,092	575	52.7	532	44	7.6	6.3 - 8.9
Men, 20 years and over	863	677	78.4	660	18	2.7	2.0 - 3.4
Women, 20 years and over	962	519	54.0	488	31	6.0	4.8 - 7.2
Both sexes, 16-19 years	222	110	49.5	93	16	14.5	10.6 - 18.4
White	1,478	970	65.6	928	42	4.4	3.6 - 5.2
Men	699	546	78.1	532	14	2.5	1.7 - 3.3
Women	779	424	54.4	395	28	6.7	5.3 - 8.1
Men, 20 years and over	644	507	78.7	496	12	2.4	1.6 - 3.2
Women, 20 years and over	693	378	54.5	358	19	5.0	3.6 - 6.4
Both sexes, 16-19 years	140	83	59.3	73	11	13.3	9.0 - 17.6
Black and other(2)	569	336	59.1	313	23	6.9	5.2 - 8.6
Men	256	184	71.9	176	8	4.3	2.5 - 6.1
Women	313	152	48.6	136	15	10.1	7.2 - 13.0
Men, 20 years and over	219	169	77.2	162	7	4.1	2.2 - 6.0
Women, 20 years and over	269	142	52.8	128	11	7.7	4.9 - 10.5
South Dakota							
Total	495	337	68.1	325	12	3.5	2.9 - 4.1
Men	237	195	82.3	189	6	3.2	2.4 - 4.0
Women	258	142	55.0	137	6	4.0	2.9 - 5.1
Men, 20 years and over	212	176	83.0	171	4	2.3	1.6 - 3.0
Women, 20 years and over	226	123	54.4	119	4	3.3	2.3 - 4.3
Both sexes, 16-19 years	58	38	65.5	36	3	7.9	5.2 - 10.6
White	476	327	68.7	317	10	3.1	2.5 - 3.7
Men	229	189	82.5	184	5	2.6	1.9 - 3.3
Women	247	138	55.9	133	5	3.7	2.7 - 4.7
Men, 20 years and over	204	171	83.8	167	4	2.3	1.6 - 3.0
Women, 20 years and over	216	120	55.6	115	4	3.3	2.3 - 4.3
Both sexes, 16-19 years	55	37	67.3	35	3	8.1	5.3 - 10.9
Tennessee							
Total	3,232	1,979	61.2	1,854	115	5.8	5.1 - 6.5
Men	1,526	1,148	75.2	1,093	54	4.7	3.9 - 5.5
Women	1,706	831	48.7	771	60	7.2	6.0 - 8.4
Men, 20 years and over	1,347	1,052	78.1	1,013	39	3.7	2.9 - 4.5
Women, 20 years and over	1,557	764	49.1	718	47	6.2	5.1 - 7.3
Both sexes, 16-19 years	328	163	49.7	135	29	17.8	14.1 - 21.5
White	2,715	1,682	62.0	1,605	77	4.6	3.9 - 5.3
Men	1,297	998	76.9	960	37	3.7	2.9 - 4.5
Women	1,418	685	48.3	645	39	5.8	4.7 - 6.9
Men, 20 years and over	1,157	920	79.5	891	28	3.0	2.3 - 3.7
Women, 20 years and over	1,299	628	48.3	597	30	4.8	3.7 - 5.9
Both sexes, 16-19 years	259	135	52.1	118	18	13.3	9.6 - 17.0
Black and other(2)	517	297	57.4	259	38	12.8	10.3 - 15.3
Men	229	150	65.5	133	17	11.4	8.1 - 14.7
Women	288	147	51.0	126	21	14.2	10.5 - 17.9
Men, 20 years and over	190	132	69.5	122	11	8.3	5.2 - 11.4
Women, 20 years and over	258	137	53.1	121	17	12.4	8.8 - 16.0
Texas							
Total	9,503	6,244	65.7	5,981	263	4.2	3.9 - 4.5
Men	4,563	3,686	80.8	3,562	125	3.4	3.0 - 3.8
Women	4,940	2,558	51.8	2,419	139	5.4	4.8 - 6.0
Men, 20 years and over	4,077	3,377	82.8	3,291	87	2.6	2.2 - 3.0
Women, 20 years and over	4,423	2,292	51.8	2,193	100	4.4	3.8 - 5.0
Both sexes, 16-19 years	1,003	575	57.3	497	78	13.6	11.7 - 15.5
White	8,428	5,546	65.8	5,342	204	3.7	3.4 - 4.0
Men	4,065	3,310	81.4	3,210	100	3.0	2.6 - 3.4
Women	4,364	2,236	51.2	2,133	104	4.6	4.0 - 5.2
Men, 20 years and over	3,641	3,032	83.3	2,963	69	2.3	1.9 - 2.7

See footnotes at end of table.



**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
Women, 20 years and over.....	3,917	2,002	51.1	1,930	72	3.6	3.0 - 4.2
Both sexes, 16-19 years.....	871	513	58.9	450	62	12.1	10.2 - 14.0
<b>Black and other(2).....</b>	<b>1,075</b>	<b>698</b>	<b>64.9</b>	<b>639</b>	<b>59</b>	<b>3.5</b>	<b>7.1 - 9.9</b>
Men.....	498	377	75.7	352	24	6.5	4.8 - 8.2
Women.....	577	321	55.6	286	35	10.9	8.6 - 13.2
Men, 20 years and over.....	436	346	79.4	329	17	4.9	3.3 - 6.5
Women, 20 years and over.....	506	290	57.3	263	26	9.0	6.7 - 11.3
Both sexes, 16-19 years.....	132	63	47.7	47	15	23.8	16.9 - 30.7
Utah							
<b>Total.....</b>	<b>897</b>	<b>584</b>	<b>65.1</b>	<b>559</b>	<b>25</b>	<b>4.3</b>	<b>3.6 - 5.0</b>
Men.....	431	349	81.0	337	13	3.6	2.8 - 4.4
Women.....	466	235	50.4	222	12	5.3	4.1 - 6.5
Men, 20 years and over.....	380	311	81.8	302	10	3.2	2.4 - 4.0
Women, 20 years and over.....	415	201	48.4	193	7	3.5	2.4 - 4.6
Both sexes, 16-19 years.....	102	73	71.6	64	8	11.0	8.1 - 13.9
<b>White.....</b>	<b>868</b>	<b>566</b>	<b>65.2</b>	<b>542</b>	<b>24</b>	<b>4.2</b>	<b>3.5 - 4.9</b>
Men.....	417	339	81.3	327	12	3.6	2.8 - 4.4
Women.....	450	227	50.4	215	12	5.2	4.0 - 6.4
Men, 20 years and over.....	363	302	82.1	294	9	3.0	2.2 - 3.8
Women, 20 years and over.....	401	195	48.6	186	8	4.1	2.9 - 5.3
Both sexes, 16-19 years.....	97	70	72.2	62	8	11.4	8.4 - 14.4
<b>Black and other(2).....</b>	<b>29</b>	<b>18</b>	<b>62.1</b>	<b>17</b>	<b>1</b>	<b>6.4</b>	<b>1.9 - 10.9</b>
Vermont							
<b>Total.....</b>	<b>362</b>	<b>240</b>	<b>66.3</b>	<b>228</b>	<b>12</b>	<b>5.1</b>	<b>4.3 - 5.9</b>
Men.....	175	138	78.9	132	6	4.6	3.7 - 5.5
Women.....	187	102	54.5	96	6	5.7	4.4 - 7.0
Men, 20 years and over.....	157	126	80.3	121	4	3.2	2.3 - 4.1
Women, 20 years and over.....	167	91	54.5	85	5	5.5	4.2 - 6.8
Both sexes, 16-19 years.....	38	23	60.5	21	2	8.7	5.6 - 11.8
<b>White.....</b>	<b>360</b>	<b>239</b>	<b>66.4</b>	<b>227</b>	<b>12</b>	<b>5.1</b>	<b>4.3 - 5.9</b>
Men.....	174	137	78.7	131	6	4.6	3.6 - 5.6
Women.....	186	102	54.8	96	6	5.7	4.4 - 7.0
Men, 20 years and over.....	156	125	80.1	120	4	3.2	2.3 - 4.1
Women, 20 years and over.....	166	91	54.8	85	5	5.5	4.2 - 6.8
Both sexes, 16-19 years.....	38	23	60.5	21	2	8.7	5.6 - 11.8
Virginia							
<b>Total.....</b>	<b>3,750</b>	<b>2,477</b>	<b>66.1</b>	<b>2,360</b>	<b>117</b>	<b>4.7</b>	<b>4.0 - 5.4</b>
Men.....	1,747	1,394	79.8	1,337	57	4.1	3.3 - 4.9
Women.....	2,003	1,083	54.1	1,023	60	5.6	4.5 - 6.7
Men, 20 years and over.....	1,565	1,284	82.0	1,245	38	3.0	2.3 - 3.7
Women, 20 years and over.....	1,818	992	54.6	947	45	4.5	3.5 - 5.5
Both sexes, 16-19 years.....	367	200	54.5	168	32	16.0	12.1 - 19.9
<b>White.....</b>	<b>3,067</b>	<b>2,050</b>	<b>66.8</b>	<b>1,980</b>	<b>70</b>	<b>3.4</b>	<b>2.8 - 4.0</b>
Men.....	1,447	1,178	81.4	1,144	35	2.9	2.1 - 3.7
Women.....	1,620	871	53.8	836	35	4.0	3.0 - 5.0
Men, 20 years and over.....	1,304	1,088	83.4	1,066	23	2.1	1.4 - 2.8
Women, 20 years and over.....	1,477	793	54.0	769	28	3.5	2.5 - 4.5
Both sexes, 16-19 years.....	287	164	57.1	145	18	11.0	7.3 - 14.7
<b>Black and other(2).....</b>	<b>683</b>	<b>427</b>	<b>62.5</b>	<b>380</b>	<b>47</b>	<b>11.1</b>	<b>8.7 - 13.5</b>
Men.....	300	216	72.0	194	22	10.3	7.1 - 13.5
Women.....	383	212	55.4	186	25	11.9	8.5 - 15.3
Men, 20 years and over.....	261	196	75.1	180	16	8.2	5.1 - 11.3
Women, 20 years and over.....	341	194	56.9	176	17	8.8	5.6 - 12.0
Washington							
<b>Total.....</b>	<b>2,872</b>	<b>1,892</b>	<b>65.9</b>	<b>1,764</b>	<b>128</b>	<b>6.8</b>	<b>6.0 - 7.6</b>
Men.....	1,395	1,118	80.1	1,051	67	6.0	5.1 - 6.9
Women.....	1,477	774	52.4	713	61	7.9	6.6 - 9.2
Men, 20 years and over.....	1,251	1,022	81.7	966	56	5.5	4.6 - 6.4
Women, 20 years and over.....	1,324	684	51.7	637	48	7.0	5.7 - 8.3
Both sexes, 16-19 years.....	297	185	62.3	161	24	13.0	9.8 - 16.2
<b>White.....</b>	<b>2,705</b>	<b>1,788</b>	<b>66.1</b>	<b>1,671</b>	<b>118</b>	<b>6.6</b>	<b>5.8 - 7.4</b>
Men.....	1,324	1,068	80.7	1,004	64	5.9	4.9 - 6.9
Women.....	1,381	721	52.2	667	54	7.5	6.2 - 8.8
Men, 20 years and over.....	1,189	974	81.9	921	53	5.4	4.4 - 6.4
Women, 20 years and over.....	1,240	638	51.5	597	42	6.6	5.3 - 7.9
Both sexes, 16-19 years.....	276	176	63.8	154	23	13.1	9.8 - 16.4
<b>Black and other(2).....</b>	<b>168</b>	<b>103</b>	<b>61.3</b>	<b>93</b>	<b>10</b>	<b>10.0</b>	<b>6.1 - 13.9</b>
Men.....	71	50	70.4	47	3	6.0	1.5 - 10.5
Women.....	96	53	55.2	46	7	13.7	7.6 - 19.8
Men, 20 years and over.....	63	48	76.2	45	3	6.3	1.6 - 11.0
West Virginia							
<b>Total.....</b>	<b>1,388</b>	<b>750</b>	<b>54.0</b>	<b>700</b>	<b>51</b>	<b>6.7</b>	<b>5.8 - 7.6</b>
Men.....	668	475	71.1	443	31	6.6	5.5 - 7.7
Women.....	720	276	38.3	256	19	7.1	5.6 - 8.6
Men, 20 years and over.....	596	434	72.8	411	22	5.1	4.0 - 6.2
Women, 20 years and over.....	655	249	38.0	236	12	4.8	3.4 - 6.2
Both sexes, 16-19 years.....	137	68	49.6	52	16	23.5	18.8 - 28.2

See footnotes at end of table.

**Table 1. Continued—Labor force status of the civilian noninstitutional population 16 years and over by State, sex, age, and race, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>1</sup>
White.....	1,349	729	54.0	682	47	6.4	5.5 - 7.3
Men.....	650	462	71.1	433	29	6.4	5.3 - 7.5
Women.....	699	267	38.2	250	18	6.6	5.1 - 8.1
Men, 20 years and over.....	581	423	72.8	402	20	4.7	3.7 - 5.7
Women, 20 years and over.....	637	242	38.0	231	12	5.0	3.6 - 6.4
Both sexes, 16-19 years.....	131	64	48.9	50	14	21.9	17.2 - 26.6
Wisconsin							
Total.....	3,493	2,381	68.1	2,273	108	4.5	3.9 - 5.1
Men.....	1,681	1,375	81.8	1,318	57	4.1	3.4 - 4.8
Women.....	1,812	1,006	55.5	955	51	5.1	4.1 - 6.1
Men, 20 years and over.....	1,485	1,231	82.9	1,192	38	3.1	2.4 - 3.8
Women, 20 years and over.....	1,526	859	53.8	825	35	4.1	3.2 - 5.0
Both sexes, 16-19 years.....	411	290	70.6	256	35	12.1	9.5 - 14.7
White.....	3,379	2,302	68.1	2,202	100	4.4	3.8 - 5.0
Men.....	1,631	1,334	81.8	1,281	53	4.0	3.3 - 4.7
Women.....	1,748	969	55.4	921	47	4.9	4.0 - 5.8
Men, 20 years and over.....	1,441	1,195	82.9	1,159	36	3.0	2.3 - 3.7
Women, 20 years and over.....	1,541	825	53.6	793	33	4.0	3.1 - 4.9
Both sexes, 16-19 years.....	396	283	71.5	250	32	11.3	8.8 - 13.8
Black and other(2).....	114	78	68.4	71	7	9.4	5.0 - 13.8
Wyoming							
Total.....	320	224	70.0	217	6	2.8	2.3 - 3.3
Men.....	160	155	84.4	133	3	1.9	1.3 - 2.5
Women.....	160	68	55.0	84	4	4.2	3.2 - 5.2
Men, 20 years and over.....	144	125	86.8	123	3	2.4	1.8 - 3.0
Women, 20 years and over.....	144	79	54.9	76	4	5.1	3.9 - 6.3
Both sexes, 16-19 years.....	32	20	62.5	18	2	10.0	6.9 - 13.1
White.....	311	219	70.4	213	6	2.8	2.3 - 3.3
Men.....	156	133	85.3	131	2	1.9	1.4 - 2.4
Women.....	155	86	55.5	82	4	4.2	3.1 - 5.3
Men, 20 years and over.....	140	122	87.1	121	2	1.6	1.1 - 2.1
Women, 20 years and over.....	139	78	56.1	74	4	5.1	3.9 - 6.3
Both sexes, 16-19 years.....	31	20	64.5	18	2	10.0	6.9 - 13.1

<sup>1</sup> Error ranges are shown at the 90-percent confidence interval, which means that, if repeated samples were drawn from the same population and an error range constructed around each sample estimate, in 9 out of 10 cases, the true value based on a complete census of the population would be contained within these error ranges.

<sup>2</sup> According to the 1970 census, black workers constituted about 89 percent of the "black and other" population group for the Nation. However, the proportion of black workers in the black and other population varies within each State. For instance, in the State of North Carolina, the black and other

category is comprised mostly of black workers; in the State of Hawaii, the black and other category is composed largely of Asians and Pacific Islanders.

NOTE: Items may not add to totals because of rounding. Data for demographic groups are not shown when they do not meet BLS standards of reliability for the particular State based on the sample in that State. See appendix B.



**Table 2. Labor force status of the Hispanic-origin population by sex and age, selected States, 1979 annual averages**

(Numbers in thousands)

State and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment	
		Number	Percent of population		Number	Rate <sup>1</sup>
<b>UNITED STATES</b>						
Total.....	7,901	5,019	63.5	4,604	415	8.3
Men.....	3,764	3,059	81.2	2,848	211	6.9
Women.....	4,138	1,960	47.4	1,757	203	10.4
Men, 20 years and over.....	3,226	2,753	85.3	2,595	158	5.7
Women, 20 years and over.....	3,614	1,731	47.9	1,576	154	8.9
Both sexes, 16-19 years.....	1,061	535	50.4	433	102	19.1
<b>California</b>						
Total.....	2,448	1,649	67.4	1,508	141	8.5
Men.....	1,192	1,003	84.1	938	65	6.5
Women.....	1,256	646	51.4	570	75	11.7
Men, 20 years and over.....	1,027	902	87.8	854	48	5.3
Women, 20 years and over.....	1,101	573	52.0	511	62	10.8
Both sexes, 16-19 years.....	320	174	54.4	143	31	17.8
<b>Florida</b>						
Total.....	557	358	64.3	338	21	5.7
Men.....	262	204	77.9	193	11	5.5
Women.....	295	155	52.5	145	9	6.1
Men, 20 years and over.....	226	183	81.0	175	8	4.4
Women, 20 years and over.....	266	143	53.8	137	6	4.3
<b>Illinois</b>						
Total.....	306	211	69.0	194	17	8.2
Men.....	161	141	87.6	131	10	7.1
Women.....	145	70	48.3	63	7	10.3
Men, 20 years and over.....	145	133	91.7	125	8	5.6
Women, 20 years and over.....	127	62	48.8	57	5	8.3
<b>New York</b>						
Total.....	985	518	52.6	464	54	10.5
Men.....	417	304	72.9	274	30	9.8
Women.....	568	214	37.7	189	25	11.5
Men, 20 years and over.....	353	282	79.9	259	22	7.9
Women, 20 years and over.....	502	196	39.0	176	19	9.9
<b>Texas</b>						
Total.....	1,667	1,057	63.4	983	74	7.0
Men.....	809	664	82.1	628	36	5.4
Women.....	858	393	45.8	355	38	9.8
Men, 20 years and over.....	686	590	86.0	565	26	4.3
Women, 20 years and over.....	738	339	45.9	311	28	8.3
Both sexes, 16-19 years.....	243	128	52.7	108	20	15.8
<b>Arizona-Colorado-New Mexico(2)</b>						
Total.....	658	403	61.2	373	30	7.5
Men.....	320	251	78.4	235	16	6.3
Women.....	338	152	45.0	138	15	9.6
Men, 20 years and over.....	273	220	80.6	209	12	5.3
Women, 20 years and over.....	288	127	44.1	118	9	6.9
Both sexes, 16-19 years.....	96	56	58.3	46	10	17.6

<sup>1</sup> Error ranges for the Hispanic-origin population for States are not available.

<sup>2</sup> Data for these 3 States were combined to obtain more reliable estimates.

**Table 3. Full- and part-time status of the civilian labor force 16 years and over by State and race, 1979 annual averages<sup>1</sup>**

(Numbers in thousands)

State	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time	Unemployed (looking for part-time work)	
		Full-time schedules	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>Total</b>									
Alabama	1,424	1,258	73	95	6.7	199	178	21	10.4
Alaska	162	138	9	14	9.0	19	17	2	11.1
Arizona	887	805	40	42	4.7	163	154	9	6.9
Arkansas	821	733	41	47	5.7	133	120	13	9.6
California	9,381	8,435	421	526	5.6	1,587	1,429	157	9.9
Colorado	1,172	1,072	50	50	4.3	214	198	16	7.6
Connecticut	1,316	1,217	43	57	4.3	264	240	24	9.0
Delaware	233	238	8	16	6.9	42	36	6	14.4
District of Columbia	282	256	7	20	7.0	38	33	4	11.3
Florida	3,285	2,948	160	177	5.4	550	497	53	9.6
Georgia	2,057	1,869	97	100	4.9	267	249	18	6.9
Hawaii	348	309	19	20	5.8	51	46	5	9.5
Idaho	353	316	19	19	5.3	69	63	5	7.7
Illinois	4,525	4,158	135	232	5.1	806	745	61	7.5
Indiana	2,235	2,013	88	134	6.0	375	342	33	8.9
Iowa	1,172	1,091	38	43	3.6	259	243	16	6.4
Kansas	1,010	948	31	32	3.1	188	179	9	4.6
Kentucky	1,336	1,207	55	71	5.3	227	211	16	7.1
Louisiana	1,468	1,320	59	89	6.0	211	188	23	11.0
Maine	411	362	23	27	6.5	77	69	8	10.6
Maryland	1,786	1,645	51	90	5.0	306	272	34	11.1
Massachusetts	2,369	2,173	88	108	4.6	522	470	52	10.0
Michigan	3,669	3,241	148	280	7.6	644	593	51	8.5
Minnesota	1,653	1,535	57	61	3.7	411	386	25	6.1
Mississippi	854	783	43	47	5.6	132	123	9	7.4
Missouri	1,946	1,794	76	78	4.0	344	318	26	7.7
Montana	308	278	15	15	4.8	61	57	4	6.5
Nebraska	633	594	20	18	2.9	139	132	6	4.5
Nevada	316	290	10	15	4.8	43	39	3	7.2
New Hampshire	371	351	10	10	2.7	73	69	4	5.1
New Jersey	2,995	2,711	96	187	6.3	543	486	57	10.6
New Mexico	453	411	15	27	5.9	84	76	9	10.2
New York	6,837	6,124	265	447	6.5	1,171	1,047	124	10.6
North Carolina	2,378	2,167	110	101	4.2	314	286	28	9.0
North Dakota	248	223	12	8	3.4	55	52	3	5.1
Ohio	4,270	3,933	135	231	5.4	765	700	65	8.7
Oklahoma	1,097	1,030	33	35	3.1	181	172	9	5.1
Oregon	1,031	915	47	68	6.6	187	172	15	7.9
Pennsylvania	4,548	4,079	176	293	6.4	748	676	73	9.7
Rhode Island	379	343	15	21	5.5	71	62	9	12.5
South Carolina	1,143	1,027	63	53	4.6	163	150	13	7.9
South Dakota	274	254	12	8	3.0	63	59	4	5.7
Tennessee	1,734	1,559	81	94	5.4	246	225	21	8.3
Texas	5,417	5,035	180	202	3.7	827	766	61	7.4
Utah	478	441	19	18	3.8	106	99	7	6.6
Vermont	199	178	11	10	4.9	41	39	2	5.8
Virginia	2,149	1,968	93	88	4.1	328	299	29	8.8
Washington	1,607	1,427	78	102	6.4	284	259	25	8.9
West Virginia	665	591	30	44	6.6	86	79	7	8.2
Wisconsin	1,911	1,782	61	68	3.5	470	430	40	8.5
Wyoming	194	183	6	5	2.4	29	28	2	5.3
<b>White (both sexes)</b>									
Alabama	1,105	1,004	43	58	5.2	149	139	10	6.7
Alaska	137	119	7	11	8.2	16	14	2	10.0
Arizona	844	769	37	38	4.5	153	142	11	7.0
Arkansas	709	650	32	27	3.8	110	101	9	8.1
California	8,217	7,424	370	423	5.2	1,422	1,287	135	9.5
Colorado	1,115	1,023	46	45	4.1	207	193	14	6.8
Connecticut	1,224	1,141	37	46	3.7	252	232	20	8.0
Delaware	203	185	6	12	5.8	39	34	5	13.5
District of Columbia	91	87	1	3	3.5	11	11	1	6.1
Florida	2,691	2,465	107	119	4.4	462	425	37	8.0
Georgia	1,569	1,546	67	56	3.4	226	212	14	6.2
Hawaii	101	87	5	8	8.3	15	14	2	11.7
Idaho	349	312	19	18	5.2	68	63	5	7.7
Illinois	3,896	3,615	118	164	4.2	731	682	49	6.7
Indiana	2,056	1,869	80	108	5.3	353	325	28	8.1
Iowa	1,153	1,075	37	41	3.5	255	239	16	6.4
Kansas	960	901	30	29	3.0	179	172	7	4.1
Kentucky	1,245	1,130	52	62	5.0	213	199	15	6.8
Louisiana	1,094	1,016	33	45	4.2	156	145	11	7.2
Maine	409	360	23	26	6.4	76	68	8	10.7

See footnotes at end of table.

**Table 3. Continued—Full- and part-time status of the civilian labor force 16 years and over by State and race, 1979 annual averages<sup>1</sup>**

(Numbers in thousands)

State	Full-time labor force				Part-time labor force				
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time	Unemployed (looking for part-time work)	
		Full-time schedules	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>White (both sexes)—Continued</b>									
Maryland.....	1,389	1,305	38	46	3.3	253	230	23	9.1
Massachusetts.....	2,250	2,065	83	102	4.6	504	456	48	9.6
Michigan.....	3,185	2,858	126	201	6.3	588	542	46	7.8
Minnesota.....	1,618	1,504	57	58	3.6	404	379	25	6.1
Mississippi.....	595	555	19	21	3.6	85	81	4	4.5
Missouri.....	1,744	1,624	67	53	3.0	308	289	19	6.1
Montana.....	296	269	14	13	4.4	59	56	4	6.4
Nebraska.....	616	530	20	17	2.7	134	129	6	4.3
Nevada.....	292	269	9	16	4.7	41	38	3	7.0
New Hampshire.....	369	349	10	10	2.7	73	69	4	5.1
New Jersey.....	2,603	2,382	79	143	5.5	507	457	50	9.8
New Mexico.....	416	380	14	22	5.3	78	71	7	9.6
New York.....	5,785	5,225	228	332	5.7	1,065	960	105	9.9
North Carolina.....	1,892	1,759	71	62	3.3	245	228	18	7.1
North Dakota.....	242	223	12	7	2.9	53	51	2	4.5
Ohio.....	3,810	3,545	120	175	4.6	714	657	57	8.0
Oklahoma.....	1,023	967	28	28	2.7	167	158	8	5.1
Oregon.....	997	889	44	64	6.4	181	166	15	8.2
Pennsylvania.....	4,156	3,769	155	231	5.6	702	639	64	9.1
Rhode Island.....	360	326	15	19	5.3	69	61	9	12.5
South Carolina.....	848	787	31	31	3.6	122	110	12	9.6
South Dakota.....	266	247	12	7	2.6	62	59	3	5.2
Tennessee.....	1,474	1,350	61	63	4.3	208	194	14	6.6
Texas.....	4,811	4,508	148	155	3.2	736	686	49	6.7
Utah.....	462	427	18	17	3.7	104	97	7	6.6
Vermont.....	198	177	11	10	4.9	41	39	2	5.8
Virginia.....	1,782	1,668	61	52	2.9	268	251	17	6.5
Washington.....	1,520	1,353	73	95	6.2	268	245	23	8.5
West Virginia.....	647	578	29	41	6.3	82	76	6	7.8
Wisconsin.....	1,863	1,722	58	62	3.4	460	422	38	8.3
Wyoming.....	190	180	6	5	2.4	29	27	1	5.2
<b>Black and other (both sexes)</b>									
Alabama.....	320	254	29	37	11.6	50	39	11	21.5
Alaska.....	25	19	3	3	13.3	(2)	(2)	(2)	(2)
Arizona.....	44	37	3	4	9.0	(2)	(2)	(2)	(2)
Arkansas.....	113	84	9	20	17.3	(2)	(2)	(2)	(2)
California.....	1,164	1,011	51	102	8.8	164	142	23	13.7
Colorado.....	57	48	4	4	7.9	(2)	(2)	(2)	(2)
Connecticut.....	92	75	6	11	12.4	(2)	(2)	(2)	(2)
Delaware.....	30	24	2	4	13.9	(2)	(2)	(2)	(2)
District of Columbia.....	191	169	5	17	8.7	26	23	4	13.5
Florida.....	595	484	52	59	9.9	88	72	16	17.9
Georgia.....	397	323	30	44	11.2	(2)	(2)	(2)	(2)
Hawaii.....	245	221	14	12	4.8	36	33	3	8.6
Illinois.....	629	543	17	69	10.9	75	64	12	15.5
Indiana.....	178	144	9	26	14.4	(2)	(2)	(2)	(2)
Iowa.....	50	47	1	3	5.7	(2)	(2)	(2)	(2)
Kansas.....	91	77	6	9	9.3	(2)	(2)	(2)	(2)
Kentucky.....	374	304	26	43	11.6	55	43	12	21.6
Louisiana.....	397	340	13	44	11.1	53	42	11	20.7
Massachusetts.....	118	108	5	5	4.5	(2)	(2)	(2)	(2)
Michigan.....	484	383	22	79	16.2	56	47	9	16.8
Mississippi.....	259	209	24	26	10.1	47	41	6	12.5
Missouri.....	204	171	9	25	12.1	(2)	(2)	(2)	(2)
Montana.....	12	9	1	2	15.1	(2)	(2)	(2)	(2)
Nevada.....	24	21	1	1	5.8	(2)	(2)	(2)	(2)
New Jersey.....	391	330	17	44	11.4	(2)	(2)	(2)	(2)
New Mexico.....	37	31	1	5	12.6	(2)	(2)	(2)	(2)
New York.....	1,052	899	38	116	11.0	106	88	19	17.5
North Carolina.....	486	408	39	39	8.0	69	58	11	15.5
Ohio.....	430	358	16	56	13.0	52	43	10	18.2
Oklahoma.....	74	63	4	7	9.1	(2)	(2)	(2)	(2)
Pennsylvania.....	392	309	21	62	15.8	46	37	9	19.7
South Carolina.....	294	240	33	22	7.4	(2)	(2)	(2)	(2)
Tennessee.....	259	209	19	31	12.0	(2)	(2)	(2)	(2)
Texas.....	606	527	32	47	7.8	92	80	12	13.3
Virginia.....	368	299	32	36	9.9	60	48	11	18.8
Washington.....	87	74	5	8	8.8	(2)	(2)	(2)	(2)
Wisconsin.....	68	60	3	5	7.7	(2)	(2)	(2)	(2)

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

BLS standards of reliability for the particular State, based on the sample in the State. See appendix B.

<sup>2</sup> Data are not shown when the labor force base does not meet

NOTE: Numbers may not add to totals because of rounding.

**Table 4. Labor force status by State and occupation, 1979 annual averages**

(Numbers in thousands)

State	Total	White-collar workers					Blue-collar workers					Service workers	Farm workers
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers		
<b>Alabama</b>													
Employment.....	1,509	641	190	130	80	240	623	241	215	68	99	206	(1)
Unemployment.....	116	22	4	3	3	13	56	13	25	4	13	18	(1)
Unemployment rate...	7.1	3.4	1.9	2.4	3.4	5.0	8.2	5.0	10.4	6.1	11.8	8.0	(1)
<b>Alaska</b>													
Employment.....	164	96	34	21	9	32	45	21	7	4	13	23	(1)
Unemployment.....	17	5	1	1	1	3	8	4	1	1	2	2	(1)
Unemployment rate...	9.2	5.4	3.4	3.4	7.5	8.0	14.9	15.4	15.8	15.9	13.3	9.8	(1)
<b>Arizona</b>													
Employment.....	999	572	177	129	79	188	284	134	71	(1)	45	126	(1)
Unemployment.....	53	18	4	2	3	9	22	9	4	(1)	5	7	(1)
Unemployment rate...	5.1	3.1	2.4	1.2	3.9	4.5	7.1	6.3	5.9	(1)	10.3	5.1	(1)
<b>Arkansas</b>													
Employment.....	895	380	100	80	53	148	328	107	123	38	61	111	76
Unemployment.....	59	13	3	2	2	6	24	4	12	2	7	9	3
Unemployment rate...	6.2	3.4	3.0	2.1	3.4	4.2	6.9	3.4	9.2	3.9	9.8	7.8	4.3
<b>California</b>													
Employment.....	10,285	5,876	1,772	1,336	765	2,003	2,963	1,202	956	346	459	1,252	193
Unemployment.....	683	228	61	28	31	103	243	59	93	25	61	85	30
Unemployment rate...	6.2	3.7	3.3	2.0	3.9	5.1	7.6	4.7	9.3	6.7	11.7	6.4	13.4
<b>Colorado</b>													
Employment.....	1,320	739	228	174	91	245	369	176	101	36	57	173	39
Unemployment.....	66	23	5	4	4	10	21	5	8	3	6	14	2
Unemployment rate...	4.8	3.0	2.1	2.3	4.1	3.8	5.4	2.8	7.0	7.2	8.9	7.6	4.0
<b>Connecticut</b>													
Employment.....	1,500	834	289	164	108	273	473	215	178	(1)	67	187	(1)
Unemployment.....	81	24	7	3	3	11	28	8	15	(1)	3	13	(1)
Unemployment rate...	5.1	2.8	2.3	1.7	2.7	3.9	5.7	3.4	7.7	(1)	6.0	6.7	(1)
<b>Delaware</b>													
Employment.....	253	140	50	27	14	49	76	34	23	(1)	(1)	31	(1)
Unemployment.....	22	7	1	(2)	1	5	8	2	4	(1)	(1)	3	(1)
Unemployment rate...	8.0	4.6	1.9	1.8	3.9	8.9	9.8	6.4	13.4	(1)	(1)	8.7	(1)
<b>District of Columbia</b>													
Employment.....	296	197	75	30	(1)	81	53	(1)	(1)	(1)	(1)	46	(1)
Unemployment.....	24	11	3	1	(1)	5	3	(1)	(1)	(1)	(1)	6	(1)
Unemployment rate...	7.5	5.4	4.2	4.5	(1)	6.0	5.6	(1)	(1)	(1)	(1)	11.8	(1)
<b>Florida</b>													
Employment.....	3,605	1,873	493	427	285	669	1,083	494	277	121	192	530	119
Unemployment.....	230	76	14	15	9	39	70	19	24	5	22	45	10
Unemployment rate...	6.0	3.9	2.8	3.3	2.9	5.5	6.1	3.8	7.9	4.2	10.2	7.9	7.4
<b>Georgia</b>													
Employment.....	2,215	1,125	309	257	146	413	758	290	276	83	108	262	70
Unemployment.....	119	37	10	5	4	18	43	8	24	3	8	21	1
Unemployment rate...	5.1	3.1	3.0	1.9	2.4	4.3	5.4	2.7	7.9	3.5	7.1	7.5	2.0
<b>Hawaii</b>													
Employment.....	374	200	53	44	22	81	102	45	22	(1)	21	61	(1)
Unemployment.....	25	9	2	2	2	5	8	2	2	(1)	3	5	(1)
Unemployment rate...	6.3	4.5	2.9	3.8	6.5	5.4	6.9	4.6	7.3	(1)	12.0	7.1	(1)
<b>Idaho</b>													
Employment.....	398	187	57	44	25	62	135	62	36	15	22	49	27
Unemployment.....	24	5	2	1	(2)	3	12	4	4	2	3	4	1
Unemployment rate...	5.7	2.8	2.7	1.4	1.7	4.4	8.2	5.8	10.3	9.5	10.5	7.5	3.7
<b>Illinois</b>													
Employment.....	5,038	2,613	797	533	327	956	1,662	672	585	179	225	670	93
Unemployment.....	293	84	12	11	12	50	121	29	49	12	30	49	1
Unemployment rate...	5.5	3.1	1.5	2.0	3.4	4.9	6.8	4.2	7.8	6.3	11.7	6.8	1.2
<b>Indiana</b>													
Employment.....	2,443	1,030	292	195	130	412	1,014	380	401	110	124	329	71
Unemployment.....	167	35	8	5	5	16	80	20	39	5	16	28	3
Unemployment rate...	6.4	3.3	2.7	2.7	4.0	3.7	7.3	5.0	8.9	4.2	11.3	7.9	3.7
<b>Iowa</b>													
Employment.....	1,373	591	180	120	82	210	436	165	147	55	70	185	161
Unemployment.....	59	13	2	2	3	7	25	6	10	2	8	11	3
Unemployment rate...	4.1	2.2	1.2	1.2	3.0	3.3	5.5	3.3	6.4	2.8	10.4	5.6	1.6

See footnotes at end of table.



**Table 4. Continued—Labor force status by State and occupation, 1979 annual averages**

(Numbers in thousands)

State	Total	White-collar workers					Blue-collar workers					Service workers	Farm workers
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers		
<b>Kansas</b>													
Employment.....	1,157	576	155	147	66	208	344	149	108	37	51	150	88
Unemployment.....	40	12	3	2	2	5	19	6	7	1	5	6	1
Unemployment rate...	3.4	2.0	1.7	1.5	3.5	2.2	5.3	3.9	6.3	3.3	8.5	3.7	1.1
<b>Kentucky</b>													
Employment.....	1,476	644	186	131	80	247	555	213	203	59	80	180	98
Unemployment.....	87	19	3	3	4	10	41	9	21	3	9	14	1
Unemployment rate...	5.6	2.9	1.6	1.9	4.6	3.8	6.9	3.9	9.3	4.6	9.7	7.4	(3)
<b>Louisiana</b>													
Employment.....	1,567	777	223	181	94	280	533	234	139	71	89	222	(1)
Unemployment.....	112	28	6	3	3	15	42	13	16	2	11	20	(1)
Unemployment rate...	6.7	3.5	2.7	1.8	3.4	5.2	7.4	5.4	10.5	2.7	10.6	8.1	(1)
<b>Maine</b>													
Employment.....	453	202	62	46	26	67	178	66	65	(1)	31	64	(1)
Unemployment.....	35	8	2	1	2	3	18	4	7	(1)	6	6	(1)
Unemployment rate...	7.2	3.6	2.7	2.6	6.1	4.1	9.0	6.2	9.3	(1)	15.5	8.4	(1)
<b>Maryland</b>													
Employment.....	1,968	1,160	404	222	114	421	537	243	128	72	95	254	(1)
Unemployment.....	124	40	9	6	4	21	36	9	11	5	11	26	(1)
Unemployment rate...	5.9	3.3	2.2	2.6	3.1	4.8	6.2	3.7	7.7	6.1	10.5	9.4	(1)
<b>Massachusetts</b>													
Employment.....	2,731	1,502	497	300	164	541	830	333	324	76	97	388	(1)
Unemployment.....	160	56	13	8	9	27	63	17	23	5	18	22	(1)
Unemployment rate...	5.5	3.6	2.6	2.5	5.0	4.7	7.1	4.8	6.7	6.4	15.9	5.3	(1)
<b>Michigan</b>													
Employment.....	3,978	1,848	567	353	225	703	1,520	548	626	168	178	556	54
Unemployment.....	335	74	12	10	12	40	163	37	82	13	30	60	4
Unemployment rate...	7.8	3.9	2.1	2.7	5.1	5.4	9.7	6.3	11.6	7.3	14.5	9.7	6.4
<b>Minnesota</b>													
Employment.....	1,978	990	304	199	138	349	575	235	176	83	81	296	116
Unemployment.....	86	19	7	2	2	7	36	13	11	3	8	17	2
Unemployment rate...	4.2	1.9	2.3	1.2	1.7	2.1	5.9	5.4	5.9	3.7	9.5	5.4	1.3
<b>Mississippi</b>													
Employment.....	929	390	119	102	50	118	373	123	152	37	60	123	43
Unemployment.....	57	13	3	1	2	7	23	8	9	1	5	11	(2)
Unemployment rate...	5.8	3.1	2.6	(3)	3.7	5.4	5.9	5.9	5.8	3.7	7.5	7.9	1.0
<b>Missouri</b>													
Employment.....	2,188	1,106	341	238	136	391	679	276	218	72	113	297	106
Unemployment.....	104	30	6	5	4	16	39	10	16	5	7	20	1
Unemployment rate...	4.5	2.7	1.7	1.9	2.9	3.9	5.4	3.5	7.0	6.3	6.2	6.2	(3)
<b>Montana</b>													
Employment.....	351	161	51	35	24	51	96	43	19	15	18	52	42
Unemployment.....	19	7	2	1	1	3	6	2	2	(2)	2	4	1
Unemployment rate...	5.1	4.3	4.6	3.0	2.7	5.6	6.1	5.2	8.0	2.6	9.2	7.0	1.4
<b>Nebraska</b>													
Employment.....	747	345	93	81	46	125	231	102	69	29	31	99	72
Unemployment.....	25	7	1	1	1	3	8	3	2	1	3	4	1
Unemployment rate...	3.2	1.9	1.3	(3)	2.9	2.5	3.4	2.5	2.6	2.2	8.4	4.1	1.9
<b>Nevada</b>													
Employment.....	340	152	39	40	20	55	86	43	16	13	14	95	(1)
Unemployment.....	18	7	1	1	1	3	5	2	1	(2)	2	6	(1)
Unemployment rate...	5.1	4.1	3.4	2.6	5.9	5.0	5.7	5.3	4.9	3.4	9.6	5.7	(1)
<b>New Hampshire</b>													
Employment.....	431	224	77	48	27	72	155	61	58	(1)	22	48	(1)
Unemployment.....	14	5	1	1	(2)	2	6	2	3	(1)	1	3	(1)
Unemployment rate...	3.1	2.1	1.4	1.3	1.8	3.3	3.7	2.9	4.1	(1)	5.1	5.5	(1)
<b>New Jersey</b>													
Employment.....	3,293	1,852	570	383	224	676	1,027	406	365	116	139	401	(1)
Unemployment.....	245	78	19	8	11	41	95	20	50	10	16	34	(1)
Unemployment rate...	6.9	4.1	3.2	2.1	4.7	5.7	8.5	4.7	12.1	7.8	10.1	7.9	(1)
<b>New Mexico</b>													
Employment.....	502	269	92	62	32	83	144	65	38	19	22	69	21
Unemployment.....	35	8	2	1	2	4	13	4	4	1	4	6	1
Unemployment rate...	6.6	3.0	2.5	1.4	4.8	4.1	8.3	6.0	10.1	2.8	15.4	8.6	4.4

See footnotes at end of table.

**Table 4. Continued—Labor force status by State and occupation, 1979 annual averages**

(Numbers in thousands)

State	Total	White-collar workers					Blue-collar workers					Service workers	Farm workers
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers		
<b>New York</b>													
Employment.....	7,437	4,209	1,340	837	432	1,600	2,065	829	680	264	292	1,098	65
Unemployment.....	571	204	48	29	26	101	183	58	67	19	39	92	2
Unemployment rate...	7.1	4.6	3.5	3.3	5.7	5.9	8.1	6.5	9.0	6.6	11.8	7.7	3.6
<b>North Carolina</b>													
Employment.....	2,563	1,114	318	269	143	384	1,067	341	480	110	136	296	86
Unemployment.....	129	30	5	5	6	14	64	15	35	4	10	20	4
Unemployment rate...	4.8	2.6	1.5	1.8	3.8	3.5	5.6	4.3	6.8	3.2	6.8	6.4	3.9
<b>North Dakota</b>													
Employment.....	292	133	41	34	17	41	66	33	13	10	11	41	51
Unemployment.....	11	3	1	1	(2)	1	5	1	1	1	2	2	1
Unemployment rate...	3.7	2.2	1.7	1.6	2.6	3.1	6.5	4.1	6.9	6.5	12.4	5.0	1.3
<b>Ohio</b>													
Employment.....	4,739	2,281	697	470	323	791	1,763	687	652	196	229	622	74
Unemployment.....	297	73	13	7	15	37	129	28	62	7	32	52	2
Unemployment rate...	5.9	3.1	1.9	1.5	4.5	4.5	6.8	3.9	8.7	3.3	12.3	7.7	2.2
<b>Oklahoma</b>													
Employment.....	1,234	651	197	154	80	219	376	163	117	(1)	59	155	53
Unemployment.....	44	15	4	1	2	7	17	4	6	(1)	4	7	1
Unemployment rate...	3.4	2.2	2.1	(3)	2.9	3.2	4.2	2.7	5.1	(1)	6.9	4.5	1.4
<b>Oregon</b>													
Employment.....	1,134	570	164	121	87	199	379	152	102	53	72	149	(1)
Unemployment.....	83	23	5	4	3	11	37	7	16	3	11	15	(1)
Unemployment rate...	6.8	3.9	2.8	3.5	3.0	5.4	8.9	4.3	13.4	5.5	13.4	8.9	(1)
<b>Pennsylvania</b>													
Employment.....	4,930	2,395	744	465	294	892	1,867	700	695	217	255	617	52
Unemployment.....	366	91	15	13	17	47	173	48	73	14	38	50	2
Unemployment rate...	6.9	3.7	2.0	2.7	5.4	5.0	8.5	6.4	9.5	6.2	13.1	7.6	3.1
<b>Rhode Island</b>													
Employment.....	420	212	63	48	23	78	149	54	71	(1)	(1)	59	(1)
Unemployment.....	30	10	1	1	3	5	14	4	8	(1)	(1)	4	(1)
Unemployment rate...	6.6	4.4	1.9	2.5	10.5	5.5	8.6	7.0	10.4	(1)	(1)	6.9	(1)
<b>South Carolina</b>													
Employment.....	1,240	559	158	123	75	204	480	184	187	47	63	169	(1)
Unemployment.....	65	18	4	3	3	9	23	5	12	1	5	15	(1)
Unemployment rate...	5.0	3.1	2.2	2.4	3.3	4.2	4.6	2.5	6.3	2.8	6.8	8.0	(1)
<b>South Dakota</b>													
Employment.....	325	136	40	33	17	46	83	37	22	(1)	15	50	57
Unemployment.....	12	3	1	1	(2)	2	5	2	1	(1)	2	2	(2)
Unemployment rate...	3.5	2.4	1.7	1.8	2.6	3.2	6.0	4.3	5.6	(1)	10.5	3.5	(3)
<b>Tennessee</b>													
Employment.....	1,864	796	238	174	112	272	765	275	311	72	107	245	59
Unemployment.....	115	24	5	2	3	14	58	10	30	4	15	16	(2)
Unemployment rate...	5.8	2.9	2.2	(3)	2.4	4.9	7.1	3.4	8.8	4.7	12.2	6.2	(3)
<b>Texas</b>													
Employment.....	5,981	3,043	899	692	394	1,058	1,999	887	575	227	310	743	195
Unemployment.....	263	78	15	9	12	42	94	22	32	12	29	47	6
Unemployment rate...	4.2	2.5	1.7	1.3	2.9	3.8	4.5	2.4	5.2	5.2	8.4	6.0	3.1
<b>Utah</b>													
Employment.....	559	301	92	68	38	103	181	78	52	22	28	62	(1)
Unemployment.....	25	10	1	1	2	6	10	2	4	1	3	3	(1)
Unemployment rate...	4.3	3.1	1.3	1.0	4.6	5.3	5.0	2.1	7.4	3.5	9.3	5.2	(1)
<b>Vermont</b>													
Employment.....	228	108	39	24	12	33	70	32	21	6	11	35	14
Unemployment.....	12	3	1	1	1	1	5	2	2	(2)	1	3	(2)
Unemployment rate...	5.1	3.0	2.1	2.7	3.9	3.9	6.9	5.9	8.6	4.6	8.0	7.3	(3)
<b>Virginia</b>													
Employment.....	2,360	1,265	439	259	141	426	750	316	238	83	113	299	(1)
Unemployment.....	117	30	7	5	5	13	45	10	15	3	16	24	(1)
Unemployment rate...	4.7	2.3	1.6	1.8	3.2	3.0	5.7	3.2	6.0	3.9	12.7	7.3	(1)
<b>Washington</b>													
Employment.....	1,764	918	287	188	121	322	568	243	150	70	106	226	52
Unemployment.....	128	31	7	4	7	14	60	15	22	6	17	22	4
Unemployment rate...	6.8	3.3	2.3	2.1	5.2	4.2	9.6	5.8	12.6	8.5	13.9	9.0	6.6

See footnotes at end of table.

**Table 4. Continued—Labor force status by State and occupation, 1979 annual averages**

(Numbers in thousands)

State	Total	White-collar workers					Blue-collar workers					Service workers	Farm workers
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers		
<b>West Virginia</b>													
Employment.....	700	286	81	57	34	114	307	117	98	40	51	93	(1)
Unemployment.....	51	9	3	2	1	9	26	8	10	2	7	9	(1)
Unemployment rate...	6.7	3.2	3.8	2.7	2.8	3.1	7.9	6.0	9.5	3.7	12.2	8.5	(1)
<b>Wisconsin</b>													
Employment.....	2,273	1,016	323	208	122	363	807	332	296	79	100	324	126
Unemployment.....	108	26	7	2	6	11	44	12	18	4	9	16	3
Unemployment rate...	4.5	2.5	2.2	(3)	4.5	3.0	5.1	3.6	5.7	5.3	8.0	4.8	2.1
<b>Wyoming</b>													
Employment.....	217	101	29	25	10	36	75	38	19	8	10	28	14
Unemployment.....	6	2	(2)	(2)	(2)	1	2	1	1	(2)	(2)	2	(2)
Unemployment rate...	2.8	2.3	1.6	1.0	4.6	3.0	2.8	1.8	4.1	3.8	3.4	5.1	(3)

<sup>1</sup> Data are not shown when they do not meet BLS standards of reliability for the particular State, based on the sample in that State. See appendix B.

<sup>2</sup> Estimates are not shown where there are less than 500 persons employed or unemployed.

<sup>3</sup> Less than 1.0 percent.

NOTE: Items may not add to totals because of rounding. Unemployed persons with no previous work experience are not shown separately but are included in total. Unemployment rates shown were calculated using unrounded data.

**Table 5. Occupational distribution of employment by State, sex, race, and Hispanic origin, 1979 annual averages**

(Percent of total employed)

State	Total employed	White-collar workers					Blue-collar workers					Service workers	Farm workers
		Total	Profes- sional and technical	Managers and admin- istrators except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers		
Total													
Alabama.....	100.0	42.5	12.6	8.6	5.3	15.9	41.3	16.0	14.2	4.5	6.5	13.6	2.6
Alaska.....	100.0	58.4	20.7	12.7	5.3	19.7	27.3	13.1	4.1	2.4	7.7	14.0	(1)
Arizona.....	100.0	57.3	17.7	12.9	7.9	18.8	28.5	13.4	7.2	3.5	4.5	12.7	1.6
Arkansas.....	100.0	42.5	11.2	8.9	5.9	16.5	36.7	12.0	13.7	4.2	6.9	12.4	8.5
California.....	100.0	57.1	17.2	13.0	7.4	19.5	23.8	11.7	9.3	3.4	4.5	12.2	1.9
Colorado.....	100.0	56.0	17.3	13.2	6.9	18.6	27.9	13.3	7.6	2.7	4.3	13.1	3.0
Connecticut.....	100.0	55.6	19.3	10.9	7.2	18.2	31.6	14.3	11.9	2.3	3.1	12.5	(1)
Delaware.....	100.0	55.3	19.7	10.6	5.5	19.5	30.0	13.4	9.3	2.7	4.5	12.4	2.3
District of Columbia.....	100.0	66.7	25.4	10.2	3.7	27.4	17.8	6.2	2.6	4.4	4.6	15.5	(1)
Florida.....	100.0	52.0	13.7	11.8	7.9	18.5	30.0	13.7	7.7	3.3	5.3	14.7	3.3
Georgia.....	100.0	50.8	13.9	11.6	6.6	18.6	34.2	13.1	12.4	3.8	4.9	11.8	3.2
Hawaii.....	100.0	53.3	14.1	11.8	5.9	21.7	27.3	12.1	5.9	3.6	5.6	15.2	3.1
Idaho.....	100.0	47.1	14.2	10.9	6.4	15.6	33.9	15.6	8.9	3.8	5.3	12.3	6.8
Illinois.....	100.0	51.9	15.2	10.6	6.5	19.0	33.0	13.3	11.6	3.6	4.5	13.3	1.8
Indiana.....	100.0	42.1	12.0	8.0	5.3	16.9	41.5	15.5	16.4	4.3	5.1	13.5	2.9
Iowa.....	100.0	45.1	13.1	8.7	6.0	15.3	31.8	12.0	10.7	4.0	5.1	13.5	11.7
Kansas.....	100.0	49.7	13.4	12.7	5.7	18.0	25.7	12.8	9.3	3.2	4.4	12.9	7.6
Kentucky.....	100.0	43.6	12.6	8.9	5.4	16.7	37.6	14.4	13.8	4.0	5.4	12.2	6.6
Louisiana.....	100.0	49.6	14.2	11.5	5.0	17.8	36.0	14.9	8.9	4.5	5.7	14.2	2.2
Maine.....	100.0	44.5	13.7	10.2	2.8	14.7	39.2	14.6	14.3	3.3	6.8	14.1	2.2
Maryland.....	100.0	58.9	20.5	11.3	5.8	21.4	27.3	12.3	6.5	3.6	4.8	12.9	(1)
Massachusetts.....	100.0	55.0	18.2	11.0	6.0	19.8	30.4	12.2	11.9	2.8	3.6	14.2	(1)
Michigan.....	100.0	46.5	14.3	8.9	5.7	17.7	38.2	13.8	15.7	4.2	4.5	14.0	1.4
Minnesota.....	100.0	50.1	15.4	10.0	7.0	17.6	29.1	11.9	8.9	4.2	4.1	15.0	5.9
Mississippi.....	100.0	41.9	12.8	11.0	5.4	12.7	40.1	13.3	16.4	4.0	6.4	13.3	4.7
Missouri.....	100.0	50.5	15.6	10.9	6.2	17.8	31.0	12.6	10.0	3.3	5.2	13.6	4.8
Montana.....	100.0	45.8	14.5	9.9	7.0	14.4	27.5	12.4	5.5	4.4	3.2	14.9	11.9
Nebraska.....	100.0	46.2	12.4	10.8	6.2	16.8	30.9	13.6	9.2	3.9	4.2	13.2	9.7
Nevada.....	100.0	45.2	11.6	11.7	5.8	16.1	25.3	12.5	4.7	3.8	4.2	27.8	1.6
New Hampshire.....	100.0	51.9	17.8	11.2	6.3	16.6	35.9	14.1	13.5	3.2	5.2	11.0	1.1
New Jersey.....	100.0	56.2	17.3	11.6	6.8	20.5	31.2	12.3	11.1	3.5	4.2	12.2	(1)
New Mexico.....	100.0	53.5	18.2	12.3	6.4	16.5	28.6	13.0	7.5	3.7	4.4	13.7	4.2
New York.....	100.0	55.6	13.0	11.3	5.8	21.5	27.8	11.1	9.1	3.5	3.9	14.8	(1)
North Carolina.....	100.0	43.5	12.4	10.5	5.6	15.0	41.6	13.3	18.7	4.3	5.3	11.5	3.4
North Dakota.....	100.0	45.6	16.1	11.7	5.8	14.0	22.7	11.2	4.3	3.3	3.9	14.2	17.4
Ohio.....	100.0	48.1	14.7	9.9	6.5	16.7	37.2	14.5	13.8	4.1	4.8	13.1	1.6
Oklahoma.....	100.0	52.7	16.0	12.5	6.5	17.8	30.4	13.2	9.5	3.0	4.8	12.6	4.3
Oregon.....	100.0	50.3	14.4	10.7	7.7	17.5	33.4	13.4	9.0	4.7	6.3	13.2	3.1
Pennsylvania.....	100.0	48.6	15.1	9.4	6.0	18.1	37.9	14.2	14.1	4.4	5.2	12.5	1.1
Rhode Island.....	100.0	50.4	15.1	11.4	5.5	18.5	35.4	12.8	16.8	2.5	3.3	14.0	(1)
South Carolina.....	100.0	45.1	12.7	9.9	6.0	16.4	38.7	14.8	15.0	3.8	5.1	13.6	2.6
South Dakota.....	100.0	41.8	12.2	10.1	5.3	14.2	25.4	11.3	6.7	2.9	4.5	15.2	17.6
Tennessee.....	100.0	42.7	12.8	9.3	6.0	14.6	41.0	14.7	16.7	3.8	5.7	13.1	3.2
Texas.....	100.0	50.9	15.0	11.6	6.6	17.7	33.4	14.8	9.6	3.8	5.2	12.4	3.3
Utah.....	100.0	53.9	16.5	12.2	6.8	18.4	32.4	14.0	9.3	4.0	5.1	11.2	2.5
Vermont.....	100.0	47.5	17.2	10.3	5.5	14.5	30.8	14.0	9.3	2.7	4.8	15.5	5.1
Virginia.....	100.0	53.6	18.6	11.0	6.0	18.0	31.8	13.4	10.1	3.5	4.8	12.7	1.9
Washington.....	100.0	52.0	16.3	10.7	6.8	18.3	32.2	13.8	8.5	4.0	6.0	12.8	2.9
West Virginia.....	100.0	40.8	11.5	8.2	4.9	16.2	43.8	16.8	14.0	5.7	7.3	13.3	2.0
Wisconsin.....	100.0	44.7	14.2	9.2	5.4	16.0	35.5	14.6	13.0	3.5	4.4	14.2	5.5
Wyoming.....	100.0	46.3	13.3	11.6	4.8	16.6	34.5	17.5	8.8	3.7	4.5	12.8	6.4
Men													
Alabama.....	100.0	32.4	11.5	10.2	5.4	5.3	56.9	25.0	14.7	7.1	10.1	7.1	3.5
Alaska.....	100.0	46.5	20.6	15.5	4.9	5.6	42.7	22.3	5.6	3.7	11.1	10.4	(1)
Arizona.....	100.0	46.0	18.4	16.7	6.7	4.3	42.1	21.4	8.3	5.6	6.8	9.4	2.5
Arkansas.....	100.0	31.8	9.4	11.3	5.8	5.3	48.5	19.0	12.4	6.8	10.3	6.7	12.9
California.....	100.0	47.7	17.9	16.3	6.9	6.5	40.7	19.0	9.5	5.5	6.8	9.0	2.6
Colorado.....	100.0	47.7	17.4	16.6	6.7	6.9	39.8	21.3	7.9	4.3	6.2	8.4	4.1
Connecticut.....	100.0	47.2	19.3	15.4	7.0	5.6	43.1	23.7	11.4	3.6	4.5	9.1	(1)
Delaware.....	100.0	45.6	21.8	13.9	5.1	4.9	43.2	21.1	10.9	4.1	7.1	8.0	3.2
District of Columbia.....	100.0	58.4	25.1	12.0	3.9	15.4	31.5	11.6	3.0	8.2	8.7	12.0	(1)
Florida.....	100.0	42.7	13.6	15.4	7.9	5.8	43.2	22.6	7.5	5.0	6.2	9.7	4.5
Georgia.....	100.0	41.4	12.4	12.4	6.5	6.5	46.6	21.6	11.3	6.1	7.5	7.5	4.6
Hawaii.....	100.0	42.2	13.8	16.0	4.9	8.4	42.7	21.5	5.4	6.3	9.5	11.3	3.8
Idaho.....	100.0	37.5	13.4	14.2	5.8	4.1	47.3	23.8	10.1	5.6	7.8	6.1	9.1
Illinois.....	100.0	42.0	15.0	14.0	6.2	5.8	46.6	21.5	12.6	5.7	6.7	8.7	2.8
Indiana.....	100.0	31.1	11.5	9.3	4.8	5.4	57.4	25.0	17.5	7.2	7.7	7.6	2.6
Iowa.....	100.0	32.6	10.5	11.3	5.6	5.2	44.7	18.5	12.5	6.1	7.6	6.5	16.2
Kansas.....	100.0	38.9	12.2	16.3	5.0	5.3	43.0	20.9	10.8	5.0	6.4	7.1	11.1
Kentucky.....	100.0	33.2	11.3	11.5	4.6	5.8	51.0	22.9	11.3	5.8	8.0	6.5	9.4
Louisiana.....	100.0	37.8	13.1	14.1	5.1	5.5	50.2	23.5	11.6	6.7	8.3	8.8	3.2
Maine.....	100.0	36.8	12.8	13.5	4.8	5.7	53.0	24.2	12.4	5.8	10.6	7.6	2.6
Maryland.....	100.0	48.8	20.9	15.2	5.2	7.5	40.8	20.0	7.3	5.8	7.7	9.2	1.1

See footnotes at end of table.



**Table 5. Continued—Occupational distribution of employment by State, sex, race, and Hispanic origin, 1979 annual averages**

(Percent of total employed)

State	Total employed	White-collar workers					Blue-collar workers					Service workers	Farm workers
		Total	Profes- sional and technical	Managers and admini- strators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives except transport	Transport equipment operatives	Nonfarm laborers		
Men—Continued													
Massachusetts	100.0	46.3	18.2	14.5	5.8	7.8	41.8	20.5	11.2	4.5	5.6	11.3	(1)
Michigan	100.0	36.4	13.9	11.6	4.9	6.0	53.6	22.1	18.9	6.2	6.4	8.3	1.8
Minnesota	100.0	41.2	15.1	13.6	6.7	5.7	42.3	19.6	9.4	6.8	6.5	8.1	8.4
Mississippi	100.0	34.9	11.8	14.4	4.6	4.1	51.7	21.5	13.4	6.6	10.2	6.2	7.2
Missouri	100.0	41.7	14.8	14.4	6.2	6.2	45.0	20.7	9.4	5.2	7.7	8.3	7.0
Montana	100.0	34.5	12.3	12.4	6.5	3.2	42.0	20.1	7.5	6.9	7.5	7.2	16.3
Nebraska	100.0	36.3	12.1	13.8	6.0	4.4	43.5	21.9	9.4	6.2	6.1	6.3	13.8
Nevada	100.0	35.2	11.6	15.0	5.1	3.6	37.9	20.1	5.9	5.8	6.1	24.5	2.4
New Hampshire	100.0	43.8	17.9	15.1	6.4	4.5	47.3	22.7	12.7	4.7	7.2	7.4	1.4
New Jersey	100.0	47.0	17.7	16.1	6.4	6.8	43.4	20.7	10.2	5.7	6.8	9.1	(1)
New Mexico	100.0	44.5	19.1	14.8	5.7	5.0	40.8	20.4	8.4	5.5	6.5	8.3	6.4
New York	100.0	47.3	17.7	14.8	6.1	8.8	39.1	18.2	8.9	5.6	6.3	12.5	1.2
North Carolina	100.0	35.6	10.7	14.6	5.7	4.6	52.2	21.9	15.1	7.0	8.3	7.2	4.9
North Dakota	100.0	35.8	12.3	15.3	5.1	3.1	34.4	17.8	5.5	5.4	5.7	5.2	24.7
Ohio	100.0	37.9	13.4	12.9	6.0	5.6	52.6	23.2	15.8	6.4	7.2	7.3	2.2
Oklahoma	100.0	43.3	16.2	16.3	5.5	5.3	44.2	20.8	11.6	4.9	6.8	6.3	6.2
Oregon	100.0	40.9	14.8	13.2	7.3	5.6	47.3	20.8	11.6	10.4	7.0	9.2	3.9
Pennsylvania	100.0	39.0	14.6	12.3	5.6	6.6	51.6	22.7	14.2	6.9	7.8	8.0	1.4
Rhode Island	100.0	43.2	16.0	15.2	6.1	5.9	45.5	21.4	15.0	4.2	5.0	11.0	(1)
South Carolina	100.0	36.5	11.2	13.6	6.1	5.6	50.9	24.5	12.2	6.3	7.9	8.5	4.0
South Dakota	100.0	32.8	10.6	13.4	4.7	4.1	36.1	17.8	6.7	4.7	6.9	6.8	24.3
Tennessee	100.0	35.4	12.0	12.3	6.1	5.0	52.2	23.5	13.6	6.2	8.9	7.7	4.7
Texas	100.0	40.6	14.8	14.3	6.1	5.4	47.8	23.2	10.9	6.0	7.8	6.8	4.8
Utah	100.0	44.0	16.0	15.4	6.6	6.1	45.2	22.3	9.3	6.2	7.5	7.1	3.7
Vermont	100.0	39.2	16.9	12.7	5.1	4.4	43.4	22.3	9.2	4.4	7.6	9.5	7.9
Virginia	100.0	44.5	18.8	14.4	5.6	5.7	45.1	22.4	9.9	5.4	7.3	7.9	2.5
Washington	100.0	41.8	16.6	13.3	6.5	5.4	45.7	21.4	9.7	6.0	8.6	8.5	4.1
West Virginia	100.0	28.0	8.9	9.6	4.0	5.6	62.8	25.8	17.1	8.7	11.2	6.5	2.6
Wisconsin	100.0	35.4	13.8	11.8	5.0	4.8	56.0	23.9	14.2	5.4	6.6	7.7	6.9
Wyoming	100.0	33.7	12.8	13.7	3.3	3.9	50.9	27.4	11.7	5.4	6.4	6.7	8.7
Women													
Alabama	100.0	58.0	14.3	6.1	5.3	32.3	17.1	2.1	13.6	(1)	1.0	23.7	1.2
Alaska	100.0	73.4	20.8	9.3	5.8	37.5	7.7	1.4	2.2	(1)	3.3	18.6	(1)
Arizona	100.0	73.2	16.7	7.5	9.6	39.5	9.2	2.0	5.6	(1)	1.2	17.3	(1)
Arkansas	100.0	56.3	13.4	5.7	6.1	31.0	21.3	2.7	15.4	(1)	2.4	19.7	2.7
California	100.0	69.9	16.3	8.5	8.1	37.0	12.7	1.8	9.1	(1)	1.3	16.5	(1)
Colorado	100.0	67.7	17.0	8.5	7.2	35.1	11.3	1.9	7.2	(1)	1.6	19.7	1.4
Connecticut	100.0	66.6	19.3	5.1	7.6	34.7	16.5	2.1	12.5	(1)	1.4	16.8	(1)
Delaware	100.0	69.7	16.6	5.8	6.2	41.2	10.3	2.1	6.9	(1)	(1)	18.9	1.0
District of Columbia	100.0	77.2	25.6	8.4	3.4	39.8	3.7	(1)	2.1	(1)	(1)	19.0	(1)
Florida	100.0	64.8	13.7	7.0	7.9	36.0	12.2	1.6	8.0	(1)	1.4	21.5	1.7
Georgia	100.0	63.4	16.1	5.7	6.7	35.0	17.5	1.6	14.0	(1)	1.3	17.7	1.3
Hawaii	100.0	66.6	14.8	7.4	7.0	37.4	9.1	1.0	6.5	(1)	1.1	22.1	2.2
Idaho	100.0	62.0	15.5	5.9	7.3	33.2	13.1	3.0	7.2	1.0	1.9	21.8	3.1
Illinois	100.0	65.7	17.0	5.8	7.0	36.0	14.0	1.9	10.1	(1)	1.3	19.7	(1)
Indiana	100.0	57.9	12.6	6.0	6.1	33.2	18.9	2.1	14.9	(1)	1.2	21.8	1.4
Iowa	100.0	58.5	16.9	4.9	6.6	35.1	12.8	2.5	8.1	(1)	1.3	23.6	5.1
Kansas	100.0	64.4	14.9	8.0	6.5	34.9	11.9	2.1	7.4	(1)	1.7	20.7	3.0
Kentucky	100.0	59.1	14.6	4.9	6.6	33.0	17.7	1.8	13.0	1.3	1.6	20.7	2.5
Louisiana	100.0	68.2	16.0	7.5	7.5	37.2	8.5	1.4	4.6	1.1	1.5	22.7	(1)
Maine	100.0	55.1	15.0	5.7	7.2	27.2	20.2	1.4	16.9	(1)	1.5	23.0	1.8
Maryland	100.0	72.9	19.9	5.9	6.6	40.5	8.6	1.8	5.4	(1)	(1)	17.9	(1)
Massachusetts	100.0	66.3	18.2	6.4	6.3	35.4	15.6	1.4	12.8	(1)	(1)	17.9	(1)
Michigan	100.0	61.2	14.8	4.8	6.8	34.8	15.7	1.6	11.2	1.3	1.6	22.3	(1)
Minnesota	100.0	62.1	15.8	5.2	7.3	35.8	11.2	1.5	8.2	(1)	(1)	24.3	2.4
Mississippi	100.0	51.6	14.3	6.4	5.3	24.6	24.3	2.1	20.5	(1)	1.3	23.0	1.2
Missouri	100.0	62.7	16.6	6.1	6.3	33.8	14.6	1.5	10.8	(1)	1.7	20.8	1.8
Montana	100.0	62.2	17.6	6.2	7.6	30.8	6.3	1.2	2.6	(1)	1.8	25.9	5.5
Nebraska	100.0	59.4	12.7	6.8	6.5	33.3	14.1	2.6	8.9	(1)	1.6	22.4	4.2
Nevada	100.0	60.3	11.7	6.7	7.0	34.8	6.3	1.1	3.0	(1)	1.5	32.8	(1)
New Hampshire	100.0	63.4	17.8	5.7	6.1	33.8	19.8	1.9	14.6	1.0	2.3	16.2	(1)
New Jersey	100.0	68.4	16.8	5.7	7.3	38.6	15.0	1.3	12.2	(1)	(1)	16.3	(1)
New Mexico	100.0	66.7	17.0	8.6	7.5	33.5	10.7	2.1	6.1	1.0	1.4	21.6	1.0
New York	100.0	69.4	18.5	6.5	5.5	38.9	12.3	1.4	9.5	(1)	(1)	17.9	(1)
North Carolina	100.0	53.5	14.5	5.3	5.4	28.3	28.0	2.2	23.4	(1)	1.5	17.1	1.4
North Dakota	100.0	60.1	16.7	6.4	6.8	30.1	5.6	1.5	2.6	(1)	1.2	24.4	6.8
Ohio	100.0	63.3	16.6	5.5	8.0	33.1	14.4	1.7	10.8	(1)	1.3	21.7	(1)
Oklahoma	100.0	66.0	15.7	7.1	7.8	35.3	11.1	2.4	6.5	(1)	1.9	21.4	1.5
Oregon	100.0	64.8	13.8	6.8	8.3	35.9	11.9	1.9	6.9	1.1	2.0	21.3	2.0
Pennsylvania	100.0	62.6	15.8	5.2	6.6	35.0	17.7	1.7	14.0	(1)	1.3	19.1	(1)
Rhode Island	100.0	59.6	13.9	6.7	4.6	34.4	22.6	2.0	19.1	(1)	1.2	17.8	(1)
South Carolina	100.0	56.4	14.7	5.1	5.8	30.9	22.4	1.9	18.8	(1)	1.3	20.4	(1)

See footnotes at end of table.

**Table 5. Continued—Occupational distribution of employment by State, sex, race, and Hispanic origin, 1979 annual averages**

(Percent of total employed)

State	Total employed	White-collar workers					Blue-collar workers					Service workers	Farm workers
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers		
Women—Continued													
South Dakota.....	100.0	54.2	14.4	5.5	6.1	28.2	10.5	2.2	6.7	(1)	1.1	26.9	8.3
Tennessee.....	100.0	53.0	13.8	5.1	6.0	23.1	25.1	2.3	21.1	(1)	1.2	20.9	1.0
Texas.....	100.0	66.0	15.4	7.5	7.3	35.7	12.3	2.6	7.7	(1)	1.4	20.7	1.0
Utah.....	100.0	68.9	17.3	7.4	7.1	37.1	13.0	1.6	9.3	(1)	1.5	17.3	(1)
Vermont.....	100.0	59.0	17.7	7.1	6.0	28.3	13.6	2.8	9.5	(1)	1.0	23.7	3.7
Virginia.....	100.0	65.5	18.4	6.4	6.4	34.2	14.3	1.6	10.3	1.0	1.4	19.0	1.2
Washington.....	100.0	67.2	15.8	6.8	7.3	37.2	12.4	2.5	6.7	1.0	2.2	19.2	1.2
West Virginia.....	100.0	62.9	16.2	5.8	6.3	34.6	11.0	1.1	8.8	(1)	(1)	25.1	1.0
Wisconsin.....	100.0	57.5	14.8	5.6	5.8	31.3	15.5	1.8	11.4	(1)	1.4	23.3	3.7
Wyoming.....	100.0	66.1	14.2	8.3	7.0	36.5	8.7	1.9	4.4	1.0	1.4	22.5	2.7
White (both sexes)													
Alabama.....	100.0	48.2	13.9	10.1	6.5	17.7	39.4	17.8	12.4	4.3	4.9	9.8	2.6
Alaska.....	100.0	61.2	21.8	13.9	5.6	20.0	26.1	13.7	4.1	2.6	5.8	12.3	(1)
Arizona.....	100.0	58.3	17.9	13.3	8.2	18.9	28.2	13.6	7.1	3.4	4.2	11.9	1.6
Arkansas.....	100.0	45.8	11.9	9.9	6.4	17.6	35.4	12.4	12.9	4.1	6.0	10.4	8.4
California.....	100.0	57.5	17.2	13.7	7.8	18.8	29.0	12.2	9.0	3.5	4.4	11.5	1.9
Colorado.....	100.0	56.5	17.6	13.6	7.1	18.2	27.7	13.3	7.5	2.7	4.2	12.7	3.1
Connecticut.....	100.0	56.4	19.4	11.3	7.5	18.2	31.6	14.9	11.5	2.1	3.1	11.6	(1)
Delaware.....	100.0	57.3	19.8	11.3	6.0	20.2	29.7	14.1	8.7	2.7	4.3	10.4	2.5
District of Columbia.....	100.0	90.1	45.3	17.9	6.0	20.9	4.4	2.6	(1)	(1)	(1)	5.5	(1)
Florida.....	100.0	56.6	14.4	13.5	9.0	19.8	29.5	14.6	7.6	3.0	4.3	12.0	1.8
Georgia.....	100.0	55.5	14.8	13.2	7.7	19.8	32.3	14.0	11.1	3.2	4.0	9.3	2.9
Hawaii.....	100.0	63.3	19.1	18.6	6.7	18.9	20.3	12.7	3.0	1.6	3.0	14.4	2.0
Idaho.....	100.0	47.3	14.3	11.0	6.5	15.6	33.8	15.6	8.9	3.8	5.5	12.2	6.7
Illinois.....	100.0	52.6	15.6	11.3	7.0	18.8	32.8	13.9	10.9	3.5	4.4	12.5	2.1
Indiana.....	100.0	42.6	12.1	8.2	5.5	16.8	41.3	15.6	16.1	4.7	5.0	13.0	3.1
Iowa.....	100.0	43.4	13.2	8.8	6.1	15.3	31.5	11.9	10.7	3.9	5.0	13.3	11.8
Kansas.....	100.0	50.7	13.6	13.1	5.9	18.1	29.7	13.2	9.0	3.2	4.4	11.7	7.9
Kentucky.....	100.0	44.6	12.7	9.2	5.7	17.0	37.1	14.7	13.3	3.9	5.2	11.3	7.0
Louisiana.....	100.0	55.9	15.5	13.8	7.2	19.5	32.3	16.4	7.9	3.8	4.2	9.9	1.8
Maine.....	100.0	44.5	13.7	10.3	5.8	14.8	39.2	14.6	14.2	3.6	6.8	14.0	2.3
Maryland.....	100.0	62.6	21.5	12.8	6.8	21.4	26.6	13.1	6.0	3.2	4.3	9.8	1.0
Massachusetts.....	100.0	55.3	18.4	11.1	6.2	19.6	30.6	12.3	11.9	2.8	3.6	13.7	(1)
Michigan.....	100.0	47.3	14.4	9.5	5.9	17.5	37.8	14.3	15.0	4.1	4.4	13.4	1.5
Minnesota.....	100.0	50.9	15.2	10.1	7.1	17.5	29.2	12.0	8.8	4.2	4.1	14.9	6.0
Mississippi.....	100.0	50.6	14.3	14.2	7.1	14.9	36.9	14.6	14.5	3.7	4.1	8.2	4.3
Missouri.....	100.0	52.3	16.3	11.5	6.5	18.0	31.0	13.2	9.8	3.2	4.8	11.5	5.3
Montana.....	100.0	46.2	14.5	9.9	7.2	14.5	27.5	12.3	5.6	4.4	5.2	14.4	11.9
Nebraska.....	100.0	46.2	12.5	10.9	6.2	16.5	30.9	13.7	9.1	3.9	4.2	13.0	9.9
Nevada.....	100.0	46.0	11.7	11.9	6.1	16.3	26.3	13.2	4.8	4.0	4.3	25.9	1.8
New Hampshire.....	100.0	51.8	17.6	11.3	6.3	16.6	36.0	14.1	13.6	3.2	5.2	11.1	1.1
New Jersey.....	100.0	58.3	17.7	12.4	7.4	20.8	29.9	12.5	10.1	3.2	4.0	11.4	(1)
New Mexico.....	100.0	55.3	19.1	12.9	6.9	16.4	27.9	12.7	7.0	3.8	4.4	12.9	4.0
New York.....	100.0	58.0	18.6	12.0	6.3	21.0	27.8	11.8	8.7	3.3	3.9	13.2	1.0
North Carolina.....	100.0	43.6	13.8	12.4	6.4	16.0	39.5	14.3	16.7	4.2	4.2	9.3	2.7
North Dakota.....	100.0	45.9	14.2	11.8	5.9	13.9	22.5	11.2	4.3	3.3	3.7	13.8	17.8
Ohio.....	100.0	49.2	15.0	10.3	7.2	16.7	36.8	14.8	13.3	4.1	4.7	12.2	1.7
Oklahoma.....	100.0	53.7	16.2	12.6	6.8	18.2	30.0	13.5	9.2	2.9	4.4	11.8	4.5
Oregon.....	100.0	50.9	14.5	10.9	7.7	17.8	33.3	13.4	8.8	4.8	6.3	12.7	3.2
Pennsylvania.....	100.0	49.1	15.3	9.7	6.2	17.9	38.1	14.6	14.0	4.4	5.1	11.7	1.1
Rhode Island.....	100.0	51.0	15.1	11.8	5.6	18.6	35.2	13.1	16.2	2.5	3.3	13.7	(1)
South Carolina.....	100.0	52.9	15.2	12.3	7.6	17.8	36.1	16.3	13.3	3.2	3.4	8.8	2.2
South Dakota.....	100.0	42.0	12.3	10.1	5.4	14.1	25.3	11.3	6.7	2.9	4.4	14.9	17.8
Tennessee.....	100.0	45.5	13.2	10.2	6.7	15.4	40.4	15.8	15.8	3.9	4.9	10.8	3.3
Texas.....	100.0	53.3	15.7	12.4	7.1	18.1	32.4	15.2	9.3	3.4	4.6	10.7	3.6
Utah.....	100.0	54.2	16.7	12.4	6.9	18.3	32.2	14.2	9.1	3.8	5.1	11.0	2.6
Vermont.....	100.0	47.5	17.2	10.3	5.5	14.5	30.9	14.0	9.3	2.7	4.8	15.5	6.2
Virginia.....	100.0	58.2	20.4	12.4	6.6	18.8	29.6	14.1	8.5	3.1	3.9	10.3	1.9
Washington.....	100.0	52.2	16.2	10.8	6.9	18.1	32.6	14.1	8.5	4.0	6.0	12.2	3.0
West Virginia.....	100.0	41.1	11.6	8.4	4.8	16.3	43.8	17.0	13.8	5.7	7.4	13.0	2.1
Wisconsin.....	100.0	44.9	14.2	9.3	5.4	16.0	35.3	14.7	12.8	3.4	4.4	14.1	5.7
Wyoming.....	100.0	46.4	13.3	11.7	4.8	16.5	34.6	17.7	8.8	3.6	4.5	12.6	6.4
Black and other (both sexes)													
Alabama.....	100.0	21.3	8.0	3.1	1.0	9.2	48.3	9.2	20.9	5.6	12.6	27.6	2.8
Alaska.....	100.0	42.0	14.1	6.3	3.5	18.1	33.9	9.6	4.6	1.2	18.4	23.9	(1)
Arizona.....	100.0	38.5	13.3	4.2	2.3	18.7	33.5	9.4	8.8	5.7	9.6	26.1	1.8
Arkansas.....	100.0	18.9	6.0	1.6	2.5	8.8	46.0	8.7	19.3	4.8	13.1	26.4	8.8
California.....	100.0	54.2	17.2	7.6	4.8	24.5	27.3	8.1	11.5	2.7	4.9	17.0	1.5
Colorado.....	100.0	45.8	10.1	5.8	3.6	26.4	32.2	13.0	10.1	3.7	5.5	21.7	(1)
Connecticut.....	100.0	43.7	16.7	5.3	3.0	18.7	30.9	4.8	17.9	4.4	3.8	25.4	(1)
Delaware.....	100.0	39.2	18.3	5.6	1.4	13.9	31.7	8.5	14.0	2.7	6.6	28.3	(1)
District of Columbia.....	100.0	55.0	15.4	6.4	2.5	30.7	24.5	7.9	3.4	6.2	6.9	20.5	(1)
Florida.....	100.0	29.0	10.1	3.6	2.7	12.5	32.6	9.4	8.0	4.9	10.4	27.9	10.5
Georgia.....	100.0	28.6	9.9	4.1	1.6	13.1	43.3	9.1	18.6	6.6	8.9	23.5	4.6

See footnotes at end of table.

**Table 5. Continued—Occupational distribution of employment by State, sex, race, and Hispanic origin, 1979 annual averages**

(Percent of total employed)

State	Total employed	White-collar workers					Blue-collar workers					Service workers	Farm workers
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers		
Black and other (both sexes)													
Hawaii.....	100.0	49.4	12.1	9.0	5.5	22.8	30.1	11.9	7.0	4.4	6.7	17.0	3.5
Illinois.....	100.0	46.5	17.5	5.9	2.7	20.5	34.4	9.6	16.3	4.0	4.7	19.1	(1)
Indiana.....	100.0	36.3	10.1	4.6	3.5	18.1	44.5	15.4	20.5	2.1	6.5	19.3	(1)
Kansas.....	100.0	31.1	9.1	5.7	1.1	15.1	30.8	6.2	16.4	4.0	4.3	37.0	1.1
Kentucky.....	100.0	29.3	11.8	3.8	1.7	12.1	44.7	10.4	20.9	4.5	8.8	24.6	1.3
Louisiana.....	100.0	29.4	10.2	4.4	2.2	12.7	39.4	10.3	12.0	6.8	10.3	27.8	3.4
Maryland.....	100.0	44.3	16.5	5.0	1.5	21.3	29.9	9.4	8.3	5.3	6.9	25.3	(1)
Massachusetts.....	100.0	49.3	14.4	8.7	3.0	23.3	26.6	9.0	12.0	2.8	2.8	24.1	(1)
Michigan.....	100.0	39.6	12.9	4.2	3.5	19.0	41.7	9.6	21.5	5.3	5.3	18.4	(1)
Mississippi.....	100.0	21.3	9.3	3.4	1.1	7.5	47.8	10.1	20.9	4.8	12.0	25.3	5.5
Missouri.....	100.0	33.8	9.2	5.2	3.4	16.1	31.8	7.3	11.8	4.0	8.7	33.7	(1)
Montana.....	100.0	35.0	12.7	9.0	(1)	13.0	25.0	14.0	2.5	2.9	5.6	26.8	13.1
Nevada.....	100.0	34.9	10.4	8.7	3.1	12.7	12.5	3.7	3.9	1.3	3.6	52.5	(1)
New Jersey.....	100.0	40.3	13.9	5.5	2.2	18.7	41.3	10.8	18.5	6.0	6.0	18.0	(1)
New Mexico.....	100.0	31.2	7.9	4.4	(1)	18.3	37.5	16.2	14.0	3.0	4.3	23.7	7.6
New York.....	100.0	47.8	14.1	6.5	2.5	24.7	27.4	6.9	11.7	4.8	4.0	24.6	(1)
North Carolina.....	100.0	22.7	6.9	2.8	2.2	10.8	50.3	9.0	26.9	4.6	9.8	20.8	6.2
Ohio.....	100.0	36.6	11.3	5.7	3.0	16.6	41.1	11.1	19.1	4.6	6.3	22.3	(1)
Oklahoma.....	100.0	38.4	13.7	10.9	1.9	11.9	36.2	9.0	12.9	4.2	10.2	24.2	1.2
Pennsylvania.....	100.0	42.3	11.9	6.8	3.4	20.2	35.0	8.8	15.2	4.6	6.4	22.5	(1)
South Carolina.....	100.0	21.9	5.4	2.8	1.4	12.4	46.3	10.5	20.3	5.4	10.0	27.9	3.9
Tennessee.....	100.0	25.2	10.0	4.0	1.6	9.6	44.8	8.0	22.1	3.6	11.1	27.4	2.7
Texas.....	100.0	30.9	9.4	4.3	2.6	14.5	41.8	11.8	12.6	7.2	10.2	26.6	(1)
Virginia.....	100.0	29.5	9.5	3.3	2.6	14.2	43.2	9.4	18.5	5.9	9.3	25.2	2.1
Washington.....	100.0	49.6	16.8	7.4	4.8	20.6	25.9	7.8	8.6	2.8	6.6	22.7	1.8
Wisconsin.....	100.0	36.9	13.4	4.6	2.9	16.0	43.2	11.7	19.0	6.1	6.4	18.8	1.1
Hispanic origin													
California.....	100.0	28.9	6.0	5.6	3.4	13.9	49.4	13.0	24.6	4.1	7.9	14.9	6.8
Florida.....	100.0	45.9	11.5	8.5	7.9	18.0	39.7	13.8	17.5	4.2	4.2	11.8	2.3
Illinois.....	100.0	24.2	3.4	4.3	2.4	14.5	59.4	10.1	35.7	3.9	10.1	15.9	(1)
New York.....	100.0	35.9	7.5	5.9	3.9	18.6	42.5	10.6	23.3	3.7	4.9	21.6	(1)
Texas.....	100.0	29.7	6.2	5.3	3.8	14.3	49.7	17.6	17.3	4.5	10.5	16.7	3.8
Arizona-COLORADO- New Mexico (2).....	100.0	34.4	8.0	6.0	3.5	16.6	42.2	14.6	13.3	4.3	9.8	18.6	4.8

<sup>1</sup> Less than 500 persons employed or less than 1.0 percent of total employed.

<sup>2</sup> Data for 3 States were combined to obtain more reliable estimates.

shown separately for black and other races when the employment estimates for black and other races is not sufficiently large to meet BLS standards of reliability for the particular State, based on the sample size in that State. See appendix B.

NOTE: Items may not add to totals because of rounding. Data are not



**Table 6. Unemployed persons by State, duration of unemployment, sex, and race, 1979 annual averages**

State	Total unemployed (in thousands)	Percent distribution by duration of unemployment					
		Total	Less than 5 weeks	5-14 weeks	15-26 weeks	27-51 weeks	52 weeks or longer
Total							
Alabama.....	116	100.0	47.7	32.3	10.3	4.5	5.2
Alaska.....	17	100.0	37.2	34.7	15.1	9.2	5.8
Arizona.....	53	100.0	53.1	34.7	5.3	2.3	4.6
Arkansas.....	59	100.0	49.3	30.4	12.9	5.6	1.7
California.....	683	100.0	52.6	28.9	10.6	3.7	4.2
Colorado.....	66	100.0	61.1	29.9	7.1	(1)	1.1
Connecticut.....	81	100.0	50.9	33.9	9.3	4.3	1.6
Delaware.....	22	100.0	34.8	38.5	13.8	4.1	8.8
District of Columbia.....	24	100.0	30.6	41.3	16.4	8.3	3.4
Florida.....	230	100.0	50.6	34.8	8.7	2.7	3.2
Georgia.....	119	100.0	53.3	27.8	11.4	4.7	2.9
Hawaii.....	25	100.0	51.2	29.7	7.4	3.2	8.5
Idaho.....	24	100.0	50.7	31.9	13.0	2.7	1.7
Illinois.....	293	100.0	43.7	32.2	12.6	5.9	5.5
Indiana.....	167	100.0	49.1	30.0	11.2	5.8	3.9
Iowa.....	59	100.0	51.6	34.8	8.0	2.2	3.4
Kansas.....	40	100.0	59.7	27.1	6.9	4.6	1.7
Kentucky.....	87	100.0	44.3	37.9	10.3	3.4	2.1
Louisiana.....	112	100.0	54.8	30.6	8.8	3.2	2.6
Maine.....	35	100.0	46.1	34.6	9.1	7.1	3.1
Maryland.....	124	100.0	53.9	33.2	7.4	2.2	3.4
Massachusetts.....	160	100.0	43.6	32.2	13.2	6.6	4.4
Michigan.....	335	100.0	45.8	30.6	13.5	4.5	5.7
Minnesota.....	86	100.0	53.1	32.6	9.8	2.4	2.0
Mississippi.....	57	100.0	54.5	34.7	6.8	1.8	2.1
Missouri.....	104	100.0	47.9	34.1	11.0	2.6	4.4
Montana.....	19	100.0	54.8	29.5	10.8	3.0	1.9
Nevada.....	18	100.0	58.4	25.3	9.0	4.8	2.4
New Jersey.....	245	100.0	39.5	34.1	12.5	8.3	5.7
New Mexico.....	35	100.0	54.5	29.2	11.8	2.9	1.7
New York.....	571	100.0	38.3	31.7	16.6	6.0	7.5
North Carolina.....	129	100.0	49.3	31.2	12.4	5.5	1.6
North Dakota.....	11	100.0	51.6	29.3	14.0	2.8	2.3
Ohio.....	297	100.0	46.4	34.5	11.7	3.9	3.4
Oregon.....	83	100.0	41.3	39.0	12.8	3.4	3.5
Pennsylvania.....	366	100.0	41.3	33.9	13.8	7.1	6.9
Rhode Island.....	30	100.0	52.5	30.5	9.4	6.0	1.5
South Carolina.....	65	100.0	50.6	30.2	10.7	6.1	2.4
South Dakota.....	12	100.0	55.0	31.0	10.6	1.8	1.7
Tennessee.....	115	100.0	54.0	27.9	12.5	2.6	3.0
Texas.....	263	100.0	56.5	30.9	8.5	2.5	1.7
Utah.....	25	100.0	59.5	30.4	6.8	3.3	(1)
Vermont.....	12	100.0	44.6	35.6	15.7	1.7	2.4
Virginia.....	117	100.0	57.1	29.1	8.8	3.0	2.1
Washington.....	128	100.0	53.3	27.2	10.0	5.4	2.1
West Virginia.....	51	100.0	46.8	31.8	13.1	5.7	2.7
Wisconsin.....	108	100.0	48.1	35.8	10.2	2.5	3.5
Men							
Alabama.....	53	100.0	45.4	30.8	12.7	6.3	4.9
Alaska.....	10	100.0	34.4	34.9	12.9	10.7	7.1
California.....	355	100.0	50.4	29.8	10.3	4.2	5.3
Florida.....	108	100.0	50.0	34.6	8.6	2.6	4.3
Georgia.....	46	100.0	51.4	33.9	9.9	3.2	1.6
Illinois.....	149	100.0	40.0	32.4	14.5	7.5	5.7
Indiana.....	88	100.0	46.9	27.6	13.4	7.9	4.3
Louisiana.....	52	100.0	57.0	28.5	8.1	3.7	2.7
Massachusetts.....	88	100.0	38.5	34.0	14.3	8.2	4.9
Michigan.....	183	100.0	41.6	33.5	14.8	4.4	5.7
Missouri.....	51	100.0	44.5	35.8	11.6	2.8	5.3
New Jersey.....	123	100.0	35.0	34.0	14.7	9.8	8.5
New Mexico.....	18	100.0	55.6	25.9	12.8	3.2	2.5
New York.....	308	100.0	33.7	30.9	19.5	6.3	9.6
North Carolina.....	55	100.0	43.8	29.3	17.7	7.9	1.4
Ohio.....	149	100.0	41.5	35.8	13.5	5.5	3.8
Pennsylvania.....	199	100.0	35.3	31.5	14.9	9.0	9.4
Tennessee.....	54	100.0	50.0	30.3	15.8	1.1	2.8
Texas.....	125	100.0	58.2	28.9	7.6	3.5	1.8
Washington.....	67	100.0	49.2	27.7	11.1	7.0	5.1
Wisconsin.....	57	100.0	39.3	41.4	11.7	2.7	4.9
Women							
Alabama.....	62	100.0	49.7	33.5	8.3	3.0	5.5
Alaska.....	6	100.0	41.7	34.4	13.5	6.6	3.7
California.....	328	100.0	54.9	27.9	11.0	3.1	3.1
Colorado.....	35	100.0	60.9	30.5	6.3	1.4	(1)
Florida.....	122	100.0	51.2	35.0	8.8	2.8	2.2
Georgia.....	73	100.0	54.4	24.0	12.3	5.6	3.7
Illinois.....	143	100.0	47.7	32.1	10.7	4.2	5.3
Indiana.....	79	100.0	51.6	32.8	8.8	3.3	3.4
Louisiana.....	60	100.0	53.0	32.4	9.4	2.8	2.4
Maryland.....	64	100.0	59.6	28.4	6.0	2.3	3.6
Massachusetts.....	72	100.0	49.9	30.0	11.8	4.6	3.7
Michigan.....	152	100.0	50.7	27.1	11.9	4.6	5.6

See footnotes at end of table.

**Table 6. Continued—Unemployed persons by State, duration of unemployment, sex, and race, 1979 annual averages**

State	Total unemployed (in thousands)	Percent distribution by duration of unemployment					
		Total	Less than 5 weeks	5—14 weeks	15—26 weeks	27—51 weeks	52 weeks or longer
Women—Continued							
Missouri	53	100.0	51.2	32.5	10.4	2.4	3.5
New Jersey	122	100.0	44.0	34.2	10.3	6.7	4.8
New Mexico	18	100.0	53.4	32.4	10.8	2.5	(1)
New York	263	100.0	43.6	32.6	13.2	5.6	5.0
North Carolina	74	100.0	53.4	32.7	8.4	3.6	1.8
Ohio	142	100.0	51.4	33.3	9.9	2.4	3.0
Pennsylvania	167	100.0	48.5	30.2	12.5	4.8	4.0
Tennessee	60	100.0	57.5	25.8	9.5	3.9	3.3
Texas	139	100.0	54.9	32.6	9.3	1.6	1.6
Washington	61	100.0	57.8	26.7	8.7	3.7	3.1
Wisconsin	51	100.0	57.9	29.5	8.5	2.2	1.9
White (both sexes)							
Alabama	68	100.0	45.6	36.5	10.8	4.0	3.1
Alaska	13	100.0	36.8	35.8	11.7	9.1	6.5
Arizona	49	100.0	54.8	33.5	5.1	2.2	4.4
Arkansas	36	100.0	49.1	34.0	10.7	6.0	(1)
California	558	100.0	53.9	28.1	10.4	3.7	4.0
Colorado	59	100.0	60.9	29.8	7.0	(1)	1.3
Connecticut	66	100.0	52.5	32.8	9.0	3.9	1.8
Delaware	17	100.0	36.2	39.4	15.9	2.3	6.1
Florida	156	100.0	51.2	32.8	9.1	2.6	4.3
Georgia	70	100.0	56.3	29.0	8.5	3.2	3.0
Idaho	23	100.0	51.2	31.8	13.0	2.5	1.5
Illinois	213	100.0	44.2	33.2	12.7	6.0	3.9
Indiana	136	100.0	51.9	29.2	10.9	5.2	2.8
Iowa	57	100.0	52.5	34.0	7.6	2.3	3.6
Kansas	36	100.0	58.8	28.8	7.3	5.1	1.9
Kentucky	77	100.0	47.7	38.1	9.1	3.3	1.8
Louisiana	57	100.0	58.6	30.4	7.8	1.9	1.2
Maine	34	100.0	46.1	34.5	9.2	7.0	3.2
Maryland	69	100.0	56.8	32.3	7.3	1.2	2.4
Massachusetts	151	100.0	43.3	32.2	13.5	6.4	4.6
Michigan	247	100.0	47.1	32.3	13.1	3.0	4.5
Minnesota	83	100.0	53.4	32.4	9.7	2.4	2.1
Missouri	72	100.0	54.7	29.1	11.1	2.1	3.0
Montana	17	100.0	55.3	30.0	10.8	2.5	1.4
Nevada	17	100.0	57.6	27.2	8.1	5.1	2.0
New Jersey	193	100.0	40.6	32.0	13.8	8.1	5.5
New Mexico	30	100.0	54.5	29.5	12.3	2.8	(1)
New York	437	100.0	39.7	31.9	16.3	5.9	6.2
North Carolina	79	100.0	53.4	26.3	13.3	5.7	1.2
Ohio	232	100.0	49.7	33.9	11.3	2.9	2.3
Oregon	79	100.0	41.2	38.7	12.9	3.6	3.7
Pennsylvania	295	100.0	42.9	31.2	13.5	7.1	5.3
Rhode Island	28	100.0	52.9	29.4	9.0	6.4	2.3
Tennessee	77	100.0	52.1	28.6	13.4	2.7	3.1
Texas	204	100.0	59.3	30.0	6.7	2.4	1.5
Utah	24	100.0	59.7	30.3	6.8	3.4	(1)
Vermont	12	100.0	44.6	35.6	15.7	1.7	2.4
Virginia	70	100.0	60.1	26.0	8.2	3.2	2.6
Washington	118	100.0	54.8	26.0	10.4	4.9	3.9
West Virginia	47	100.0	45.0	32.5	14.2	5.4	2.9
Wisconsin	100	100.0	48.5	36.4	10.0	2.0	3.1
Black and other (both sexes)							
Alabama	48	100.0	50.8	26.3	9.6	5.2	8.1
Alaska	4	100.0	38.3	31.0	17.9	9.3	3.6
California	125	100.0	46.4	32.5	11.8	3.8	5.4
Florida	74	100.0	49.4	38.9	8.0	2.8	(1)
Georgia	49	100.0	48.8	26.2	15.6	6.7	2.7
Illinois	80	100.0	42.5	29.7	12.5	5.5	9.8
Louisiana	55	100.0	50.9	30.8	9.7	4.5	4.0
Michigan	88	100.0	42.1	25.8	14.5	8.7	8.9
New Jersey	52	100.0	35.3	41.9	7.5	9.0	6.3
New York	134	100.0	33.7	30.7	17.6	6.2	11.7
Ohio	66	100.0	35.0	36.9	13.2	7.8	7.0
Pennsylvania	71	100.0	34.7	29.7	15.1	6.9	13.6
Texas	59	100.0	46.7	33.7	14.5	2.7	2.4

<sup>1</sup> Less than 1.0 percent

Data for demographic groups are not shown when they do not meet BLS standards of reliability for the particular State, based on the sample in the State. See appendix B.

NOTE: Items may not add to 100.0 percent because of rounding.

**Table 7. Unemployed persons by State, reason for unemployment, sex, and age, 1979 annual averages**

State	Total unemployed (in thousands)	Percent of total unemployed				
		Total	Job losers	Job leavers	Reentrants	New entrants
Total						
Alabama.....	116	100.0	45.2	11.3	28.7	15.7
Alaska.....	17	100.0	47.1	17.6	35.3	5.9
Arizona.....	53	100.0	32.7	21.2	32.7	13.5
Arkansas.....	59	100.0	31.0	17.2	36.2	17.2
California.....	683	100.0	44.4	14.6	26.8	14.2
Colorado.....	66	100.0	31.8	16.7	40.9	10.6
Connecticut.....	81	100.0	38.3	18.5	27.2	16.0
Delaware.....	22	100.0	38.1	9.5	33.3	19.0
District of Columbia.....	24	100.0	34.6	11.5	34.6	15.4
Florida.....	230	100.0	35.2	19.1	33.0	12.6
Georgia.....	119	100.0	40.3	12.6	32.8	14.3
Hawaii.....	25	100.0	37.5	20.8	29.2	12.5
Idaho.....	24	100.0	52.2	17.4	26.1	8.7
Illinois.....	293	100.0	40.6	16.0	30.0	13.0
Indiana.....	167	100.0	45.5	13.8	27.5	13.2
Iowa.....	59	100.0	43.1	12.1	31.0	12.1
Kansas.....	40	100.0	38.5	25.6	30.8	5.1
Kentucky.....	87	100.0	43.4	13.3	28.9	14.5
Louisiana.....	112	100.0	37.5	15.2	30.4	17.0
Maine.....	35	100.0	48.6	14.3	28.6	8.6
Maryland.....	124	100.0	39.2	12.0	32.0	16.8
Massachusetts.....	160	100.0	43.1	13.1	32.5	11.3
Michigan.....	335	100.0	48.7	13.1	27.8	10.4
Minnesota.....	86	100.0	41.9	12.8	31.4	14.0
Mississippi.....	57	100.0	39.3	12.5	30.4	17.9
Missouri.....	104	100.0	41.3	12.5	32.7	14.4
Montana.....	19	100.0	38.9	16.7	35.3	5.6
Nevada.....	18	100.0	45.0	20.0	30.0	5.8
New Jersey.....	245	100.0	53.1	11.0	24.6	14.3
New Mexico.....	35	100.0	36.1	11.1	33.3	16.7
New York.....	571	100.0	48.7	9.1	25.7	15.6
North Carolina.....	129	100.0	43.4	17.1	30.2	9.3
North Dakota.....	11	100.0	36.4	18.2	36.4	9.1
Ohio.....	297	100.0	46.0	14.1	25.5	14.1
Oregon.....	83	100.0	37.5	20.0	35.0	7.5
Pennsylvania.....	366	100.0	48.1	10.4	27.9	13.7
Rhode Island.....	30	100.0	56.7	13.3	23.3	6.7
South Carolina.....	65	100.0	36.4	18.2	30.3	16.7
South Dakota.....	12	100.0	33.3	16.7	33.3	8.3
Tennessee.....	115	100.0	43.0	13.2	29.8	14.0
Texas.....	263	100.0	31.9	21.3	32.7	14.1
Utah.....	25	100.0	32.0	24.0	36.0	8.0
Vermont.....	12	100.0	46.2	15.4	30.8	7.7
Virginia.....	117	100.0	33.3	16.2	36.8	14.5
Washington.....	128	100.0	45.7	15.5	29.5	8.5
West Virginia.....	51	100.0	46.3	14.8	29.6	11.1
Wisconsin.....	108	100.0	39.8	13.9	28.7	17.6
Men, 20 years and over						
Alaska.....	8	100.0	55.6	11.1	22.2	(1)
California.....	258	100.0	63.6	14.3	17.8	4.3
Florida.....	77	100.0	48.7	20.5	24.4	6.4
Illinois.....	112	100.0	59.8	14.3	21.4	3.6
Indiana.....	61	100.0	75.4	9.8	14.8	(1)
Massachusetts.....	64	100.0	64.1	12.5	20.3	3.1
Michigan.....	143	100.0	73.2	12.7	12.0	2.1
New Jersey.....	98	100.0	74.5	10.2	10.2	4.1
New York.....	230	100.0	66.1	10.9	18.7	4.3
Ohio.....	110	100.0	71.1	12.6	12.6	2.7
Pennsylvania.....	151	100.0	66.9	9.3	21.9	2.0
Texas.....	87	100.0	50.6	26.4	21.8	1.1
Washington.....	56	100.0	63.0	13.0	22.2	3.7
Women, 20 years and over						
Alabama.....	47	100.0	38.3	12.8	40.4	10.6
Alaska.....	4	100.0	40.0	20.0	40.0	(1)
California.....	261	100.0	42.1	16.5	34.1	6.9
Florida.....	87	100.0	32.6	18.6	44.2	3.5
Georgia.....	54	100.0	38.9	11.1	42.6	9.3
Illinois.....	110	100.0	34.5	20.9	38.2	5.5
Indiana.....	57	100.0	33.9	17.9	42.9	5.4
Massachusetts.....	54	100.0	35.2	14.8	46.3	1.9
Michigan.....	118	100.0	33.1	14.4	45.8	6.8
New Jersey.....	91	100.0	47.8	13.0	32.6	5.4
New York.....	208	100.0	47.1	7.7	38.0	7.2
North Carolina.....	58	100.0	42.1	19.3	36.8	3.5
Ohio.....	103	100.0	39.2	17.6	38.2	4.9
Pennsylvania.....	122	100.0	43.1	12.2	36.6	8.1
Tennessee.....	47	100.0	43.5	13.0	39.1	4.3
Texas.....	100	100.0	27.3	23.2	41.4	7.1
Washington.....	48	100.0	36.0	20.0	36.0	6.0

<sup>1</sup> Less than 1.0 percent.

NOTE: Items may not add to 100.0 percent because of rounding.

Data for demographic groups are not shown when they do not meet BLS standards of reliability for the particular State, based on the sample in the State. See appendix B.



**Section III. Metropolitan Area and City Estimates from  
the Current Population Survey, 1979 Annual Averages**

**Table 8. Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area <sup>1</sup> and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>Anaheim-Santa Ana-Garden Grove SMSA</b>							
Total	1,398	959	68.6	926	33	3.4	2.7 - 4.1
Men	664	546	82.2	529	17	3.2	2.4 - 4.0
Women	734	412	56.1	397	15	3.7	2.7 - 4.7
Men, 20 years and over	602	507	84.2	495	12	2.4	1.6 - 3.2
Women, 20 years and over	674	378	56.1	367	11	2.9	1.9 - 3.9
Both sexes, 16-19 years	122	73	59.8	64	9	12.4	8.3 - 16.5
<b>White</b>							
Total	1,336	916	68.6	885	31	3.4	2.7 - 4.1
Men	634	520	82.0	503	17	3.3	2.4 - 4.2
Women	702	395	56.3	381	14	3.6	2.6 - 4.6
Men, 20 years and over	575	482	83.8	470	12	2.5	1.7 - 3.3
Women, 20 years and over	644	361	56.1	351	10	2.8	1.8 - 3.8
Both sexes, 16-19 years	117	72	61.5	63	9	12.7	8.5 - 16.9
<b>Atlanta SMSA</b>							
Total	1,353	932	68.9	888	45	4.8	4.0 - 5.6
Men	636	519	81.6	501	19	3.6	2.7 - 4.5
Women	717	413	57.6	387	26	6.3	5.0 - 7.6
Men, 20 years and over	568	473	83.3	460	14	3.0	2.1 - 3.9
Women, 20 years and over	649	375	57.8	355	21	5.6	4.3 - 6.9
Both sexes, 16-19 years	136	84	61.8	73	11	13.0	9.1 - 16.9
<b>White</b>							
Total	1,100	754	68.5	726	28	3.7	2.9 - 4.5
Men	520	430	82.7	417	13	3.1	2.2 - 4.0
Women	580	324	55.9	309	15	4.6	3.3 - 5.9
Men, 20 years and over	465	391	84.1	381	9	2.3	1.4 - 3.2
Women, 20 years and over	524	292	55.7	280	12	4.1	2.8 - 5.4
Both sexes, 16-19 years	111	71	64.0	64	7	9.6	5.8 - 13.4
<b>Black and other(3)</b>							
Total	253	178	70.4	162	17	9.3	6.8 - 11.8
Men	116	89	76.7	84	5	6.1	3.3 - 8.9
Women	137	89	65.0	78	11	12.5	8.7 - 16.3
Men, 20 years and over	103	82	79.6	79	3	3.7	1.3 - 6.1
Women, 20 years and over	125	83	66.4	74	9	10.8	7.0 - 14.6
<b>Baltimore SMSA</b>							
Total	1,597	1,044	65.4	962	81	7.8	6.9 - 8.7
Men	760	605	79.6	565	40	6.6	5.5 - 7.7
Women	837	439	52.4	397	41	9.4	7.9 - 10.9
Men, 20 years and over	676	554	82.0	526	28	5.1	4.1 - 6.1
Women, 20 years and over	758	395	52.1	362	32	8.1	6.6 - 9.6
Both sexes, 16-19 years	163	95	58.3	74	21	21.9	17.6 - 26.2
<b>White</b>							
Total	1,217	806	66.2	764	42	5.2	4.3 - 6.1
Men	588	481	81.8	459	23	4.7	3.6 - 5.8
Women	629	324	51.5	305	19	5.9	4.5 - 7.3
Men, 20 years and over	528	441	83.5	426	16	3.6	2.6 - 4.6
Women, 20 years and over	576	291	50.5	275	15	5.2	3.8 - 6.6
Both sexes, 16-19 years	113	73	64.6	63	11	14.4	10.0 - 18.8
<b>Black and other(3)</b>							
Total	380	238	62.6	199	40	16.6	14.0 - 19.2
Men	171	124	72.5	106	17	14.0	10.6 - 17.4
Women	209	115	55.0	92	22	19.5	15.6 - 23.4
Men, 20 years and over	147	113	76.9	100	12	10.6	7.4 - 13.8
Women, 20 years and over	183	104	56.8	86	17	16.3	12.4 - 20.2
<b>Baltimore Central City</b>							
Total	580	333	57.4	291	42	12.6	10.6 - 14.6
Men	255	183	71.8	163	20	11.1	8.6 - 13.6
Women	325	150	46.2	129	22	14.5	11.4 - 17.6
Men, 20 years and over	226	168	74.3	154	15	8.9	6.5 - 11.3
Women, 20 years and over	292	135	46.2	119	17	12.6	9.5 - 15.7
<b>White</b>							
Total	265	147	55.5	139	9	5.9	3.7 - 8.1
Men	116	85	75.9	82	6	6.5	3.5 - 9.5
Women	149	59	39.6	56	3	5.0	1.8 - 8.2
Men, 20 years and over	107	82	76.6	77	5	6.1	3.2 - 9.0
Women, 20 years and over	137	52	38.0	49	3	5.8	2.2 - 9.4
<b>Black and other(3)</b>							
Total	315	186	59.0	153	33	17.9	14.8 - 21.0
Men	139	95	68.3	80	14	15.2	11.2 - 19.2
Women	176	91	51.7	72	19	20.6	16.1 - 25.1
Men, 20 years and over	119	87	73.1	76	10	11.5	7.7 - 15.3
Women, 20 years and over	155	83	53.5	68	15	18.1	13.5 - 22.7
<b>Boston SMSA</b>							
Total	2,166	1,441	66.5	1,361	79	5.5	4.9 - 6.1
Men	1,023	808	79.0	766	42	5.2	4.4 - 6.0
Women	1,143	633	55.4	596	37	5.8	4.8 - 6.8
Men, 20 years and over	912	740	81.1	710	30	4.1	3.3 - 4.9
Women, 20 years and over	1,032	566	54.8	537	28	4.9	4.0 - 5.8
Both sexes, 16-19 years	222	135	60.8	115	20	14.8	11.8 - 17.8
<b>White</b>							
Total	2,002	1,331	66.5	1,261	70	5.3	4.7 - 5.9
Men	942	748	79.4	711	37	5.0	4.2 - 5.8
Women	1,060	584	55.1	550	33	5.7	4.7 - 6.7
Men, 20 years and over	843	684	81.1	656	27	3.9	3.1 - 4.7
Women, 20 years and over	959	522	54.4	495	26	5.0	4.0 - 6.0
Both sexes, 16-19 years	200	127	63.5	110	17	13.3	10.3 - 16.3

See footnotes at end of table.

**Table 8. Continued—Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area <sup>1</sup> and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>Boston SMSA—Continued</b>							
Black and other (3)	164	109	66.5	100	9	8.1	5.4 - 10.8
Men	81	60	74.1	55	5	8.8	5.1 - 12.5
Women	83	49	59.0	46	4	7.2	3.1 - 11.3
Men, 20 years and over	69	57	82.6	53	3	5.3	2.2 - 8.4
Women, 20 years and over	73	44	60.3	42	3	6.8	2.8 - 10.8
<b>Buffalo SMSA</b>							
Total	982	643	62.4	558	55	9.0	7.7 - 10.3
Men	483	375	77.6	346	30	7.9	6.3 - 9.5
Women	499	238	47.7	213	25	10.7	8.5 - 12.9
Men, 20 years and over	435	343	78.9	321	23	6.7	5.2 - 8.2
Women, 20 years and over	453	211	46.6	193	17	8.1	6.0 - 10.2
Both sexes, 16-19 years	94	59	62.8	44	15	24.6	19.0 - 30.2
White	924	573	62.0	527	46	8.1	6.8 - 9.4
Men	457	355	77.7	329	76	7.3	5.3 - 8.8
Women	467	218	46.7	198	70	9.3	7.2 - 11.4
Men, 20 years and over	414	325	78.5	305	20	6.2	4.7 - 7.7
Women, 20 years and over	426	194	45.5	179	15	7.7	5.6 - 9.8
Both sexes, 16-19 years	85	54	63.5	42	12	21.5	15.8 - 27.2
<b>Chicago SMSA</b>							
Total	5,150	3,367	65.4	3,187	180	5.4	5.0 - 5.8
Men	2,451	1,947	79.4	1,852	95	4.9	4.4 - 5.4
Women	2,699	1,420	52.6	1,335	85	6.0	5.3 - 6.7
Men, 20 years and over	2,178	1,793	82.3	1,722	71	4.0	3.5 - 4.5
Women, 20 years and over	2,438	1,282	52.6	1,214	67	5.2	4.5 - 5.9
Both sexes, 16-19 years	534	292	54.7	251	42	14.3	12.1 - 16.5
White	4,170	2,780	66.7	2,650	120	4.3	3.9 - 4.7
Men	2,098	1,635	81.4	1,574	61	3.7	3.2 - 4.2
Women	2,162	1,145	53.0	1,086	59	5.2	4.5 - 5.9
Men, 20 years and over	1,793	1,501	83.7	1,455	46	3.1	2.6 - 3.6
Women, 20 years and over	1,972	1,026	52.0	979	47	4.6	3.9 - 5.3
Both sexes, 16-19 years	405	254	62.7	226	28	10.9	8.8 - 13.0
Black and other (3)	980	587	59.9	527	60	10.2	8.8 - 11.6
Men	443	312	70.4	278	34	10.9	8.9 - 12.9
Women	536	275	51.3	249	26	9.5	7.5 - 11.5
Men, 20 years and over	385	293	76.1	267	25	8.5	6.7 - 10.3
Women, 20 years and over	466	256	54.9	235	21	8.2	6.3 - 10.1
<b>Chicago Central City</b>							
Total	2,097	1,261	60.1	1,168	94	7.4	6.6 - 8.2
Men	978	717	73.3	661	57	7.9	6.8 - 9.0
Women	1,119	544	48.6	507	37	6.8	5.6 - 8.0
Men, 20 years and over	877	673	76.7	630	44	6.5	5.4 - 7.6
Women, 20 years and over	1,019	505	49.7	477	29	5.7	4.6 - 6.8
Both sexes, 16-19 years	202	81	40.1	61	21	25.5	20.7 - 30.3
White	1,289	801	62.1	758	43	5.4	4.5 - 6.3
Men	613	473	77.2	445	28	5.8	4.6 - 7.0
Women	676	327	48.4	312	15	4.7	3.4 - 6.0
Men, 20 years and over	561	445	79.3	423	22	4.9	3.8 - 6.0
Women, 20 years and over	633	303	47.9	291	12	4.0	2.7 - 5.3
Both sexes, 16-19 years	95	52	54.7	43	9	17.3	11.8 - 22.8
Black and other (3)	807	461	57.1	410	51	11.0	9.4 - 12.6
Men	385	244	66.8	215	29	11.9	9.6 - 14.2
Women	442	217	49.1	195	22	10.0	7.7 - 12.3
Men, 20 years and over	315	229	72.7	207	22	9.6	7.4 - 11.8
Women, 20 years and over	385	203	52.7	186	17	8.4	6.2 - 10.6
<b>Cincinnati SMSA</b>							
Total	1,019	654	64.2	611	43	6.5	5.4 - 7.6
Men	476	387	81.3	369	18	4.7	3.5 - 5.9
Women	543	267	49.2	243	24	9.2	7.3 - 11.1
Men, 20 years and over	431	360	83.5	345	14	3.9	2.8 - 5.0
Women, 20 years and over	485	233	48.0	216	17	7.3	5.9 - 9.2
Both sexes, 16-19 years	103	61	59.2	50	11	17.7	12.6 - 22.8
White	893	567	63.5	536	32	5.6	4.5 - 6.7
Men	419	341	81.4	328	12	3.7	2.6 - 4.8
Women	474	226	47.7	207	19	8.5	6.5 - 10.5
Men, 20 years and over	382	317	83.0	307	9	2.8	1.8 - 3.8
Women, 20 years and over	427	198	46.4	186	13	6.6	4.7 - 8.5
Both sexes, 16-19 years	84	52	61.9	43	9	17.7	12.2 - 23.2
Black and other (3)	127	87	68.5	76	11	12.7	8.8 - 16.6
Men	57	46	80.7	40	6	12.5	7.1 - 17.9
<b>Cleveland SMSA</b>							
Total	1,444	910	63.0	856	53	5.9	5.0 - 6.8
Men	672	536	79.8	508	28	5.2	4.1 - 6.3
Women	772	374	48.4	348	26	6.8	5.3 - 8.3
Men, 20 years and over	601	489	81.4	466	23	4.7	3.6 - 5.8
Women, 20 years and over	692	327	47.3	309	17	5.2	3.8 - 6.6
Both sexes, 16-19 years	151	94	62.3	81	13	14.1	10.5 - 17.9

See footnotes at end of table.



**Table 8. Continued—Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area <sup>1</sup> and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>Cleveland SMSA—Continued</b>							
White.....	1,179	748	63.4	715	33	4.4	3.6 - 5.2
Men.....	548	448	81.8	433	15	3.4	2.4 - 4.4
Women.....	631	300	47.5	283	18	5.9	4.4 - 7.4
Men, 20 years and over.....	490	406	82.9	394	11	2.7	1.8 - 3.6
Women, 20 years and over.....	568	259	45.6	248	12	4.6	3.1 - 6.1
Both sexes, 16-19 years.....	121	83	68.6	73	10	11.9	8.1 - 15.7
Black and other(3).....	265	161	60.8	141	20	12.6	9.7 - 15.5
Men.....	124	87	70.2	75	12	14.2	10.2 - 18.2
Women.....	141	74	52.5	66	8	10.8	6.8 - 14.8
Men, 20 years and over.....	112	83	74.1	72	11	13.3	9.2 - 17.4
Women, 20 years and over.....	124	67	54.0	62	6	9.0	5.1 - 12.9
<b>Cleveland Central City</b>							
Total.....	470	269	57.2	243	26	9.6	7.6 - 11.6
Men.....	219	158	72.1	142	16	10.3	7.7 - 12.9
Women.....	252	111	44.0	102	10	8.7	5.7 - 11.7
Men, 20 years and over.....	194	145	74.7	132	13	9.0	6.4 - 11.6
Women, 20 years and over.....	223	99	44.4	93	7	7.1	4.3 - 9.9
White.....	269	157	58.4	146	10	6.7	4.5 - 8.9
Men.....	125	98	78.4	91	7	6.9	4.0 - 9.8
Women.....	144	59	41.0	55	4	6.3	2.7 - 9.9
Men, 20 years and over.....	111	89	80.2	83	5	5.6	2.9 - 8.3
Women, 20 years and over.....	130	51	39.2	49	3	5.9	2.3 - 9.5
Black and other(3).....	201	113	56.2	97	15	13.8	10.3 - 17.3
Men.....	94	60	63.8	51	10	15.8	10.6 - 21.0
Women.....	107	52	48.6	46	6	11.4	6.5 - 16.3
Men, 20 years and over.....	82	56	68.3	48	9	16.1	10.8 - 21.4
Women, 20 years and over.....	92	47	51.1	43	4	8.5	3.9 - 13.1
<b>Dallas-Fort Worth SMSA</b>							
Total.....	2,051	1,453	70.8	1,405	48	3.3	2.8 - 3.8
Men.....	997	839	84.2	816	23	2.8	2.2 - 3.4
Women.....	1,054	614	58.3	589	24	4.0	3.1 - 4.9
Men, 20 years and over.....	889	769	86.5	755	14	1.8	1.3 - 2.3
Women, 20 years and over.....	951	552	58.0	533	18	3.3	2.5 - 4.1
Both sexes, 16-19 years.....	211	132	62.6	117	15	11.3	8.3 - 14.3
White.....	1,808	1,283	71.0	1,246	37	2.9	2.4 - 3.4
Men.....	877	746	85.1	728	19	2.5	1.9 - 3.1
Women.....	930	537	57.7	519	18	3.4	2.5 - 4.3
Men, 20 years and over.....	789	686	86.9	676	11	1.6	1.1 - 2.1
Women, 20 years and over.....	842	482	57.2	469	13	2.7	1.9 - 3.5
Both sexes, 16-19 years.....	177	115	65.0	102	13	11.0	7.8 - 14.2
Black and other(3).....	243	170	70.0	159	11	6.4	4.3 - 8.5
Men.....	119	93	78.2	88	5	4.9	2.3 - 7.5
Women.....	124	77	62.1	71	6	8.1	4.7 - 11.5
Men, 20 years and over.....	99	83	83.8	79	4	4.8	2.1 - 7.5
Women, 20 years and over.....	109	70	64.2	65	5	7.1	3.6 - 10.6
<b>Dallas Central City</b>							
Total.....	716	513	71.6	494	19	3.8	2.9 - 4.7
Men.....	343	287	83.7	274	12	4.3	3.0 - 5.6
Women.....	373	226	60.6	219	7	3.1	1.8 - 4.4
Men, 20 years and over.....	304	262	86.2	253	8	3.1	1.9 - 4.3
Women, 20 years and over.....	337	203	60.2	198	6	3.0	1.7 - 4.3
Both sexes, 16-19 years.....	75	47	62.7	42	5	10.0	5.1 - 14.9
White.....	555	398	71.7	388	10	2.5	1.6 - 3.4
Men.....	268	228	85.1	220	8	3.4	2.0 - 4.8
Women.....	287	170	59.2	168	2	1.3	0.4 - 2.2
Men, 20 years and over.....	241	209	86.7	204	6	2.9	1.6 - 4.2
Women, 20 years and over.....	263	153	58.2	151	2	1.3	0.3 - 2.3
Black and other(3).....	161	115	71.4	106	10	8.3	5.4 - 11.2
Men.....	75	59	78.7	54	5	7.9	3.8 - 12.0
Women.....	86	56	65.1	51	5	8.7	4.4 - 13.0
Men, 20 years and over.....	63	54	85.7	50	4	7.4	3.4 - 11.4
Women, 20 years and over.....	74	50	67.6	46	4	8.0	3.7 - 12.3
<b>Denver-Boulder SMSA</b>							
Total.....	1,156	823	71.2	789	34	4.1	3.4 - 4.8
Men.....	559	470	84.1	455	15	3.2	2.4 - 4.0
Women.....	597	353	59.1	334	19	5.4	4.2 - 6.6
Men, 20 years and over.....	488	418	85.7	409	9	2.2	1.5 - 2.9
Women, 20 years and over.....	544	315	57.9	300	14	4.4	3.3 - 5.5
Both sexes, 16-19 years.....	123	90	73.2	80	10	11.2	8.1 - 14.3
White.....	1,095	775	70.8	746	29	3.7	3.0 - 4.4
Men.....	532	446	83.8	433	13	2.9	2.1 - 3.7
Women.....	564	329	58.3	313	16	4.8	3.7 - 5.9
Men, 20 years and over.....	465	396	85.2	388	8	2.0	1.3 - 2.7
Women, 20 years and over.....	515	293	56.9	280	13	6.4	3.2 - 9.6
Both sexes, 16-19 years.....	116	86	74.1	77	9	10.1	7.0 - 13.2
Black and other(3).....	61	48	78.7	43	5	11.1	6.9 - 15.3

See footnotes at end of table.

**Table 8. Continued—Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area <sup>1</sup> and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>Detroit SMSA</b>							
Total.....	3,216	2,081	64.7	1,909	172	8.3	7.6 - 9.0
Men.....	1,541	1,239	80.4	1,146	93	7.5	6.7 - 8.3
Women.....	1,676	843	50.3	763	79	9.4	8.3 - 10.5
Men, 20 years and over.....	1,357	1,120	81.9	1,049	72	6.4	5.6 - 7.2
Women, 20 years and over.....	1,501	740	49.3	677	62	8.4	7.3 - 9.5
Both sexes, 16-19 years.....	349	221	63.3	183	38	17.2	14.5 - 19.9
White.....	2,614	1,694	64.8	1,592	102	6.0	5.4 - 6.6
Men.....	1,260	1,026	81.4	970	56	5.4	4.6 - 6.2
Women.....	1,353	668	49.4	621	47	7.0	5.9 - 8.1
Men, 20 years and over.....	1,119	927	82.8	887	40	4.3	3.6 - 5.0
Women, 20 years and over.....	1,211	582	48.1	545	36	6.2	5.1 - 7.3
Both sexes, 16-19 years.....	282	186	66.0	159	26	14.2	11.5 - 16.9
Black and other(3).....	602	387	64.3	318	69	17.9	15.8 - 20.0
Men.....	280	212	75.7	176	37	17.3	14.5 - 20.1
Women.....	322	175	54.3	142	32	18.6	15.5 - 21.7
Men, 20 years and over.....	246	192	78.0	162	31	16.1	13.2 - 19.0
Women, 20 years and over.....	289	159	55.0	132	26	16.4	13.2 - 19.6
<b>Detroit Central City</b>							
Total.....	858	521	60.7	444	77	14.8	13.1 - 16.5
Men.....	405	297	73.3	257	40	13.5	11.3 - 15.7
Women.....	452	224	49.6	187	37	16.4	13.8 - 19.0
Men, 20 years and over.....	368	275	74.7	238	36	13.1	10.9 - 15.3
Women, 20 years and over.....	410	201	49.0	171	30	14.9	12.2 - 17.6
White.....	360	207	57.5	186	20	9.8	7.5 - 12.1
Men.....	174	125	71.8	114	11	8.5	5.7 - 11.3
Women.....	186	82	44.1	72	10	11.9	8.0 - 15.8
Men, 20 years and over.....	161	116	72.0	106	10	8.6	5.7 - 11.5
Women, 20 years and over.....	170	71	41.8	63	8	11.3	7.2 - 15.4
Black and other(3).....	498	315	63.3	258	57	18.0	15.6 - 20.4
Men.....	231	172	74.5	143	30	17.2	14.1 - 20.3
Women.....	266	142	53.4	115	27	19.0	15.5 - 22.5
Men, 20 years and over.....	206	159	77.2	132	27	17.0	13.8 - 20.2
Women, 20 years and over.....	240	130	54.2	108	22	16.9	13.3 - 20.5
<b>Houston SMSA</b>							
Total.....	1,924	1,349	70.1	1,293	56	4.2	3.6 - 4.8
Men.....	952	809	85.0	784	25	3.0	2.3 - 3.7
Women.....	972	541	55.7	509	32	5.9	4.8 - 7.0
Men, 20 years and over.....	860	749	87.1	733	17	2.3	1.7 - 2.9
Women, 20 years and over.....	850	481	56.6	460	20	4.2	3.2 - 5.2
Both sexes, 16-19 years.....	214	120	56.1	100	20	16.8	13.2 - 20.4
White.....	1,558	1,098	70.5	1,059	39	3.6	3.0 - 4.2
Men.....	779	667	85.6	650	17	2.5	1.8 - 3.2
Women.....	778	431	55.4	409	22	5.2	4.0 - 6.4
Men, 20 years and over.....	704	615	87.4	605	10	1.6	1.0 - 2.2
Women, 20 years and over.....	685	383	55.9	369	14	3.7	2.6 - 4.8
Both sexes, 16-19 years.....	168	100	59.5	86	15	14.7	10.9 - 18.5
Black and other(3).....	366	251	68.6	234	17	6.9	5.1 - 8.7
Men.....	173	142	82.1	134	8	5.7	3.5 - 7.9
Women.....	193	109	56.5	100	9	8.4	5.4 - 11.4
Men, 20 years and over.....	156	134	85.9	128	6	4.5	3.2 - 6.5
Women, 20 years and over.....	165	97	58.8	92	5	5.2	2.7 - 7.7
<b>Houston Central City</b>							
Total.....	1,087	764	70.3	731	33	4.3	3.5 - 5.1
Men.....	536	448	83.6	431	17	3.7	2.7 - 4.7
Women.....	552	316	57.2	300	16	5.2	3.8 - 6.6
Men, 20 years and over.....	489	422	86.3	409	13	3.1	2.2 - 4.0
Women, 20 years and over.....	490	285	58.2	276	10	3.5	2.3 - 4.7
Both sexes, 16-19 years.....	108	56	51.9	46	10	18.0	12.7 - 23.3
White.....	785	559	71.2	541	18	3.3	2.5 - 4.1
Men.....	395	333	84.3	323	9	2.8	1.8 - 3.8
Women.....	390	226	57.9	217	9	4.0	2.5 - 5.5
Men, 20 years and over.....	361	312	86.4	305	6	1.9	1.0 - 2.8
Women, 20 years and over.....	352	205	58.2	199	6	2.9	1.6 - 4.2
Black and other(3).....	303	205	67.7	190	15	7.1	5.0 - 9.2
Men.....	141	115	81.6	108	7	6.3	3.8 - 8.8
Women.....	161	90	55.9	83	7	8.1	4.9 - 11.3
Men, 20 years and over.....	128	110	85.9	104	6	5.5	3.0 - 8.0
Women, 20 years and over.....	137	80	58.4	76	4	5.0	2.2 - 7.3
<b>Indianapolis SMSA</b>							
Total.....	847	579	68.4	543	36	6.2	5.1 - 7.3
Men.....	406	335	82.5	315	21	6.2	4.7 - 7.7
Women.....	441	244	55.3	229	15	6.3	4.6 - 8.0
Men, 20 years and over.....	359	305	85.0	291	15	4.9	3.5 - 6.3
Women, 20 years and over.....	397	219	55.2	208	12	5.5	3.8 - 7.2
Both sexes, 16-19 years.....	90	55	61.1	45	10	17.3	11.9 - 22.7

See footnotes at end of table.

**Table 8. Continued—Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area <sup>1</sup> and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>Indianapolis SMSA—Continued</b>							
White.....	733	500	68.2	474	26	5.2	4.1 - 6.3
Men.....	352	292	83.0	277	16	5.3	3.8 - 6.8
Women.....	331	203	54.6	197	11	5.1	3.4 - 6.8
Men, 20 years and over.....	315	267	84.8	257	11	4.1	2.7 - 5.5
Women, 20 years and over.....	345	186	53.9	178	8	4.3	2.6 - 6.0
Both sexes, 16-19 years.....	73	47	64.4	39	9	18.4	12.5 - 24.3
Black and other(3).....	114	79	69.3	69	10	12.6	8.5 - 16.7
<b>Kansas City SMSA</b>							
Total.....	994	687	69.1	655	32	4.7	3.9 - 5.5
Men.....	475	387	81.5	371	16	4.1	3.1 - 5.1
Women.....	519	300	57.8	284	17	5.6	4.3 - 6.9
Men, 20 years and over.....	421	349	82.9	338	11	3.2	2.3 - 4.1
Women, 20 years and over.....	470	269	57.2	257	13	4.8	3.5 - 6.1
Both sexes, 16-19 years.....	103	69	67.0	60	9	13.3	9.4 - 17.2
White.....	860	598	69.5	578	20	3.4	2.7 - 4.1
Men.....	408	338	82.8	329	9	2.8	1.9 - 3.7
Women.....	452	260	57.5	250	11	4.1	2.8 - 5.4
Men, 20 years and over.....	365	306	83.8	300	7	2.3	1.4 - 3.2
Women, 20 years and over.....	410	232	56.6	224	9	3.9	2.6 - 5.2
Both sexes, 16-19 years.....	85	60	70.6	56	4	7.3	4.1 - 10.5
Black and other(3).....	134	89	66.4	77	12	13.7	10.1 - 17.3
Men.....	67	49	73.1	42	6	12.8	8.1 - 17.5
Women.....	68	40	58.8	34	6	14.8	9.2 - 20.4
Men, 20 years and over.....	56	43	76.8	39	3	7.0	3.0 - 11.0
<b>Los Angeles-Long Beach SMSA</b>							
Total.....	5,320	3,496	65.7	3,303	193	5.5	5.1 - 5.9
Men.....	2,506	1,996	79.6	1,896	100	5.0	4.5 - 5.5
Women.....	2,814	1,501	53.3	1,407	94	6.2	5.5 - 6.9
Men, 20 years and over.....	2,250	1,849	82.2	1,775	74	4.0	3.5 - 4.5
Women, 20 years and over.....	2,570	1,382	53.8	1,310	72	5.2	4.5 - 5.9
Both sexes, 16-19 years.....	500	266	53.2	218	48	18.2	15.7 - 20.7
White.....	4,374	2,918	66.7	2,771	147	5.0	4.5 - 5.5
Men.....	2,075	1,686	81.3	1,611	75	4.4	3.8 - 5.0
Women.....	2,299	1,232	53.6	1,160	72	5.9	5.2 - 6.6
Men, 20 years and over.....	1,872	1,560	83.3	1,503	57	3.7	3.2 - 4.2
Women, 20 years and over.....	2,112	1,126	53.3	1,073	54	4.8	4.1 - 5.5
Both sexes, 16-19 years.....	390	232	59.5	195	36	15.7	13.2 - 18.2
Black and other(3).....	946	578	61.1	532	46	8.0	6.7 - 9.3
Men.....	432	310	71.8	285	25	8.0	6.3 - 9.7
Women.....	515	269	52.2	247	21	8.0	6.2 - 9.8
Men, 20 years and over.....	379	289	76.3	272	17	5.9	4.3 - 7.5
Women, 20 years and over.....	458	255	55.7	237	17	6.7	4.9 - 8.5
<b>Miami SMSA</b>							
Total.....	1,152	708	61.5	665	43	6.1	5.1 - 7.1
Men.....	524	388	74.0	368	21	5.4	4.1 - 6.7
Women.....	628	319	50.8	297	22	6.9	5.3 - 8.5
Men, 20 years and over.....	474	363	76.6	348	16	4.4	3.2 - 5.6
Women, 20 years and over.....	571	297	52.0	282	15	5.1	3.7 - 6.5
Both sexes, 16-19 years.....	107	47	43.9	35	12	25.5	19.2 - 31.8
White.....	876	527	60.2	501	26	4.9	3.8 - 6.0
Men.....	397	295	74.3	282	13	4.6	3.3 - 5.9
Women.....	479	231	48.2	219	12	5.4	3.8 - 7.0
Men, 20 years and over.....	362	274	75.7	264	10	3.6	2.3 - 4.9
Women, 20 years and over.....	446	217	48.7	208	9	4.1	2.6 - 5.6
Black and other(3).....	276	181	65.6	164	17	9.3	6.9 - 11.7
Men.....	126	93	73.8	86	7	7.9	4.8 - 11.0
Women.....	150	88	58.7	78	10	10.8	7.1 - 14.5
Men, 20 years and over.....	111	89	80.2	83	5	5.6	2.8 - 8.4
Women, 20 years and over.....	125	80	64.0	74	6	7.5	4.2 - 10.8
<b>Milwaukee SMSA</b>							
Total.....	1,062	735	69.2	702	33	4.5	3.6 - 5.4
Men.....	498	412	82.7	395	17	4.1	3.0 - 5.2
Women.....	564	323	57.3	307	16	4.9	3.6 - 6.2
Men, 20 years and over.....	443	371	83.7	359	12	3.2	2.2 - 4.2
Women, 20 years and over.....	493	273	55.4	265	8	2.9	1.8 - 4.0
Both sexes, 16-19 years.....	125	91	72.8	77	13	14.8	10.9 - 18.7
White.....	984	683	69.4	655	28	4.1	3.2 - 5.0
Men.....	464	385	83.0	371	14	3.7	2.6 - 4.8
Women.....	520	298	57.3	284	14	4.6	3.2 - 6.0
Men, 20 years and over.....	413	345	83.5	337	9	2.6	1.6 - 3.6
Women, 20 years and over.....	455	251	55.2	244	7	2.8	1.6 - 4.0
Both sexes, 16-19 years.....	116	86	74.1	74	12	14.1	10.1 - 18.1
Black and other(3).....	78	52	66.7	47	5	10.0	5.4 - 14.6

See footnotes at end of table.

**Table 8. Continued—Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>Milwaukee Central City</b>							
Total	457	305	66.7	288	17	5.6	4.1 - 7.1
Men	210	168	80.0	158	10	5.9	3.9 - 7.9
Women	246	137	55.7	129	7	5.3	3.2 - 7.4
Men, 20 years and over	188	151	80.3	144	7	4.6	2.7 - 6.5
Women, 20 years and over	223	121	54.3	117	4	3.3	1.5 - 5.1
White	385	257	66.8	244	13	4.9	3.4 - 6.4
Men	177	143	80.8	135	8	5.4	3.3 - 7.5
Women	207	114	55.1	109	5	4.3	2.2 - 6.4
Men, 20 years and over	159	128	80.5	122	5	3.9	2.0 - 5.8
Women, 20 years and over	189	101	53.4	98	3	3.0	1.1 - 4.9
Black and other(3)	72	48	66.7	43	5	9.7	4.8 - 14.6
<b>Minneapolis-St. Paul SMSA</b>							
Total	1,551	1,122	72.3	1,087	35	3.1	2.5 - 3.7
Men	738	633	85.8	614	19	2.9	2.1 - 3.7
Women	813	489	60.1	473	16	3.3	2.4 - 4.2
Men, 20 years and over	658	574	87.2	562	12	2.1	1.4 - 2.8
Women, 20 years and over	732	429	58.6	419	10	2.3	1.5 - 3.1
Both sexes, 16-19 years	161	119	73.9	107	12	10.3	7.3 - 13.3
White	1,504	1,086	72.2	1,054	32	3.0	2.4 - 3.6
Men	718	616	85.8	599	17	2.8	2.1 - 3.5
Women	786	470	59.8	455	15	3.2	2.3 - 4.1
Men, 20 years and over	640	559	87.3	548	11	2.0	1.3 - 2.7
Women, 20 years and over	710	413	58.2	404	10	2.4	1.5 - 3.3
Both sexes, 16-19 years	154	114	74.0	103	11	9.6	6.6 - 12.6
<b>Nassau-Suffolk SMSA</b>							
Total	1,993	1,296	65.0	1,217	79	6.1	5.4 - 6.8
Men	954	771	80.0	731	39	5.1	4.2 - 6.0
Women	1,029	525	51.0	486	39	7.5	6.2 - 8.8
Men, 20 years and over	854	704	82.4	679	25	3.6	2.8 - 4.4
Women, 20 years and over	915	460	50.3	430	29	6.3	5.0 - 7.6
Both sexes, 16-19 years	234	132	56.4	108	24	18.2	14.7 - 21.7
White	1,857	1,204	64.8	1,134	69	5.8	5.0 - 6.6
Men	900	722	80.2	687	35	4.8	3.9 - 5.7
Women	957	482	50.4	447	35	7.2	5.9 - 8.5
Men, 20 years and over	792	658	83.1	637	22	3.3	2.5 - 4.1
Women, 20 years and over	854	421	49.3	394	27	6.4	5.1 - 7.7
Both sexes, 16-19 years	211	124	58.8	103	21	17.0	13.5 - 20.5
Black and other(3)	136	93	68.4	83	10	10.3	6.7 - 13.9
Men	64	49	76.6	44	5	10.1	5.3 - 14.9
Men, 20 years and over	52	46	88.5	42	4	8.7	4.1 - 13.3
<b>New York SMSA</b>							
Total	7,016	4,043	57.6	3,725	318	7.9	7.4 - 8.4
Men	3,147	2,281	72.5	2,166	176	7.7	7.1 - 8.3
Women	3,869	1,761	45.5	1,619	142	8.1	7.4 - 8.8
Men, 20 years and over	2,825	2,156	76.0	2,011	136	6.3	5.7 - 6.9
Women, 20 years and over	3,545	1,647	46.5	1,531	116	7.0	6.3 - 7.7
Both sexes, 16-19 years	645	249	38.6	183	66	26.4	23.7 - 29.1
White	5,329	3,044	57.5	2,858	206	6.7	6.2 - 7.2
Men	2,431	1,782	73.3	1,670	112	6.3	5.7 - 6.9
Women	2,898	1,263	43.6	1,188	95	7.4	6.6 - 8.2
Men, 20 years and over	2,211	1,652	74.7	1,597	85	5.1	4.5 - 5.7
Women, 20 years and over	2,682	1,193	44.5	1,113	80	6.7	5.9 - 7.5
Both sexes, 16-19 years	436	169	43.3	148	42	21.9	18.8 - 25.0
Black and other(3)	1,687	978	58.0	867	111	11.4	10.3 - 12.5
Men	716	500	69.8	436	64	12.8	11.2 - 14.4
Women	971	478	49.2	431	48	9.9	8.4 - 11.4
Men, 20 years and over	614	465	75.7	414	51	11.0	9.4 - 12.6
Women, 20 years and over	863	453	52.5	417	37	8.2	6.8 - 9.6
Both sexes, 16-19 years	209	60	28.7	36	24	40.6	35.1 - 46.1
<b>New York Central City</b>							
Total	5,438	3,019	55.5	2,755	264	8.7	8.1 - 9.3
Men	2,411	1,698	70.4	1,546	152	8.9	8.1 - 9.7
Women	3,027	1,321	43.6	1,209	112	8.5	7.7 - 9.3
Men, 20 years and over	2,168	1,605	74.0	1,486	120	7.5	6.8 - 8.2
Women, 20 years and over	2,777	1,249	45.0	1,155	94	7.5	6.7 - 8.3
Both sexes, 16-19 years	493	164	33.3	114	50	30.5	27.1 - 33.9
White	3,882	2,157	55.0	1,978	159	7.4	6.8 - 8.0
Men	1,747	1,240	71.0	1,149	21	7.3	6.5 - 8.1
Women	2,135	896	42.0	828	68	7.6	6.6 - 8.6
Men, 20 years and over	1,600	1,180	73.8	1,108	71	6.0	5.2 - 6.8
Women, 20 years and over	1,985	845	42.6	785	60	7.1	6.1 - 8.1
Both sexes, 16-19 years	297	111	37.4	83	28	25.1	21.0 - 29.2

See footnotes at end of table.



**Table 8. Continued—Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area <sup>1</sup> and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>New York Central City—Continued</b>							
Black and other(3)	1,556	882	56.7	778	105	11.9	10.7 - 13.1
Men	663	458	69.1	397	61	13.2	11.5 - 14.9
Women	892	425	47.6	380	44	10.4	8.8 - 12.0
Men, 20 years and over	567	426	75.1	377	40	11.5	9.8 - 13.2
Women, 20 years and over	792	404	51.0	369	34	8.4	6.9 - 9.9
Both sexes, 16-19 years	196	53	27.0	31	22	41.8	36.1 - 47.5
<b>Newark SMSA</b>							
Total	1,455	965	66.3	897	69	7.1	6.2 - 8.0
Men	668	529	79.2	492	36	6.9	5.7 - 8.1
Women	787	436	55.4	404	32	7.4	6.0 - 8.8
Men, 20 years and over	596	490	82.2	460	29	5.9	4.7 - 7.1
Women, 20 years and over	716	398	55.6	371	27	6.8	5.4 - 8.2
Both sexes, 16-19 years	143	77	53.8	65	12	15.6	11.2 - 20.0
White	1,176	787	66.9	743	44	5.7	4.8 - 6.6
Men	547	439	80.3	416	23	5.2	4.0 - 6.4
Women	629	349	55.5	327	22	6.3	4.9 - 7.7
Men, 20 years and over	491	405	82.5	387	18	4.4	3.3 - 5.5
Women, 20 years and over	574	317	55.2	299	19	6.0	4.5 - 7.5
Both sexes, 16-19 years	111	65	58.6	57	9	13.1	8.5 - 17.7
Black and other(3)	279	178	63.8	154	24	13.6	10.8 - 16.4
Men	121	90	74.4	76	14	13.5	11.2 - 15.4
Women	158	88	55.7	77	10	11.9	8.2 - 15.6
Men, 20 years and over	105	85	81.0	72	12	14.1	10.0 - 18.2
Women, 20 years and over	142	81	57.0	72	8	9.9	6.2 - 13.6
<b>Philadelphia SMSA</b>							
Total	3,566	2,176	61.0	2,013	163	7.5	6.9 - 8.1
Men	1,634	1,230	75.3	1,139	91	7.4	6.6 - 8.2
Women	1,932	946	49.0	874	72	7.6	6.6 - 8.6
Men, 20 years and over	1,459	1,142	78.3	1,073	70	6.1	5.3 - 6.9
Women, 20 years and over	1,744	844	48.4	789	54	6.4	5.5 - 7.3
Both sexes, 16-19 years	363	190	52.3	151	39	20.5	17.5 - 23.5
White	2,912	1,805	62.0	1,702	103	5.7	5.1 - 6.3
Men	1,359	1,042	76.7	984	58	5.6	4.8 - 6.4
Women	1,553	762	49.1	718	45	5.8	4.9 - 6.7
Men, 20 years and over	1,223	967	79.1	925	42	4.3	3.6 - 5.0
Women, 20 years and over	1,410	675	47.9	643	33	4.9	4.0 - 5.8
Both sexes, 16-19 years	280	161	57.5	134	27	16.9	13.8 - 20.0
Black and other(3)	654	371	56.7	311	60	16.2	14.1 - 18.3
Men	275	187	68.0	155	33	17.6	14.6 - 20.6
Women	379	184	48.5	156	27	14.8	12.0 - 17.6
Men, 20 years and over	237	174	73.4	148	27	15.5	12.5 - 18.5
Women, 20 years and over	334	169	50.6	147	21	12.4	9.6 - 15.2
<b>Philadelphia Central City</b>							
Total	1,321	712	53.9	628	84	11.8	10.5 - 13.1
Men	580	384	66.2	332	52	13.5	11.6 - 15.4
Women	741	328	44.3	296	32	9.8	8.0 - 11.6
Men, 20 years and over	508	353	69.5	311	42	11.9	10.0 - 13.8
Women, 20 years and over	666	296	44.4	272	24	8.1	6.4 - 9.8
Both sexes, 16-19 years	147	64	43.5	46	18	28.2	22.8 - 33.6
White	852	461	54.1	425	36	7.9	6.5 - 9.3
Men	383	256	66.8	230	26	10.1	8.0 - 12.2
Women	469	205	43.7	194	10	5.1	3.4 - 6.8
Men, 20 years and over	343	236	68.8	214	21	8.9	6.9 - 10.9
Women, 20 years and over	430	183	42.6	175	7	3.8	2.2 - 5.4
Black and other(3)	469	251	53.5	203	48	19.0	16.3 - 21.7
Men	197	128	65.0	102	26	20.3	16.5 - 24.1
Women	273	123	45.1	101	22	17.6	13.9 - 21.3
Men, 20 years and over	165	117	70.9	96	21	17.9	14.1 - 21.7
Women, 20 years and over	238	113	47.5	95	17	15.0	11.3 - 18.7
<b>Pittsburgh SMSA</b>							
Total	1,756	1,015	57.8	949	66	6.5	5.6 - 7.4
Men	847	629	74.3	591	39	6.2	5.1 - 7.3
Women	909	386	42.5	358	27	7.0	5.6 - 8.4
Men, 20 years and over	761	580	75.2	550	30	5.2	4.2 - 6.2
Women, 20 years and over	837	350	41.8	330	19	5.4	4.1 - 6.7
Both sexes, 16-19 years	159	85	53.5	68	17	19.7	15.2 - 24.2
White	1,647	948	57.6	892	56	5.9	5.0 - 6.8
Men	791	588	74.3	556	32	5.5	4.5 - 6.5
Women	856	360	42.1	336	24	6.6	5.1 - 8.1
Men, 20 years and over	710	542	76.3	518	24	4.4	3.4 - 5.4
Women, 20 years and over	790	326	41.3	310	17	5.2	3.8 - 6.6
Both sexes, 16-19 years	147	80	54.4	65	15	19.0	14.5 - 23.5
Black and other(3)	109	67	61.5	57	10	14.5	9.8 - 19.2

See footnotes at end of table.

**Table 8. Continued—Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area <sup>1</sup> and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>Riverside-San Bernardino-Ontario SMSA</b>							
Total.....	1,020	591	57.9	554	37	6.3	5.2 - 7.4
Men.....	474	338	71.3	318	20	5.8	4.4 - 7.2
Women.....	546	253	46.3	236	17	6.9	5.2 - 8.6
Men, 20 years and over.....	423	300	70.9	287	13	4.3	3.0 - 5.6
Women, 20 years and over.....	490	225	45.9	210	15	6.7	4.9 - 8.5
Both sexes, 16-19 years.....	108	66	61.1	57	10	14.7	10.0 - 19.4
White.....	943	535	56.7	505	30	5.6	4.5 - 6.7
Men.....	436	307	70.4	293	14	4.7	3.4 - 6.0
Women.....	507	228	45.0	212	16	6.8	4.9 - 8.7
Men, 20 years and over.....	393	275	70.0	266	9	3.3	2.1 - 4.5
Women, 20 years and over.....	456	202	44.3	188	14	6.9	4.9 - 8.9
Both sexes, 16-19 years.....	94	58	61.7	51	7	12.2	7.6 - 16.8
Black and other(3).....	77	56	72.7	49	7	12.7	7.8 - 17.6
<b>St. Louis SMSA</b>							
Total.....	1,761	1,136	64.5	1,068	68	5.9	5.1 - 6.7
Men.....	799	636	79.6	603	32	5.1	4.1 - 6.1
Women.....	962	500	52.0	465	35	7.0	5.7 - 8.3
Men, 20 years and over.....	720	587	81.5	562	24	4.1	3.2 - 5.0
Women, 20 years and over.....	867	447	51.6	422	25	5.6	4.4 - 6.8
Both sexes, 16-19 years.....	174	103	59.2	84	19	18.2	14.2 - 22.2
White.....	1,467	949	64.7	908	41	4.3	3.6 - 5.0
Men.....	670	545	81.3	525	19	3.5	2.6 - 4.4
Women.....	797	404	50.7	383	22	5.4	4.1 - 6.7
Men, 20 years and over.....	609	505	82.9	490	14	2.8	2.0 - 3.6
Women, 20 years and over.....	725	361	49.8	347	15	4.2	3.0 - 5.4
Both sexes, 16-19 years.....	133	83	62.4	72	12	14.2	10.1 - 18.3
Black and other(3).....	294	187	63.6	160	27	14.2	11.4 - 17.0
Men.....	129	91	70.5	78	13	14.3	10.3 - 18.3
Women.....	165	96	58.2	82	13	14.1	10.3 - 17.9
Men, 20 years and over.....	111	82	73.9	72	10	12.2	8.2 - 16.2
Women, 20 years and over.....	142	86	60.6	75	10	11.6	7.8 - 15.4
<b>St. Louis Central City</b>							
Total.....	377	235	62.3	213	22	9.3	7.2 - 11.4
Men.....	169	124	73.4	113	11	8.7	5.9 - 11.5
Women.....	208	112	53.8	101	11	9.8	6.7 - 12.9
Men, 20 years and over.....	156	116	74.4	107	9	7.8	5.1 - 10.5
Women, 20 years and over.....	190	102	53.7	95	8	7.8	4.9 - 10.7
White.....	217	137	63.1	128	8	6.0	3.8 - 8.2
Men.....	97	73	75.3	70	4	4.9	1.9 - 7.9
Women.....	121	63	52.1	58	5	7.4	3.7 - 11.1
Men, 20 years and over.....	92	70	76.1	67	3	4.3	1.6 - 7.0
Women, 20 years and over.....	113	58	51.3	54	4	6.9	3.2 - 10.6
Black and other(3).....	160	99	61.9	85	14	13.7	9.8 - 17.6
Men.....	72	50	69.4	43	7	14.4	9.0 - 19.8
Women.....	88	49	55.7	42	6	12.9	7.7 - 18.1
Men, 20 years and over.....	64	46	71.9	40	6	13.0	7.5 - 18.5
<b>San Diego SMSA</b>							
Total.....	1,255	818	65.2	766	52	6.3	5.3 - 7.3
Men.....	585	453	77.4	425	29	6.3	5.0 - 7.6
Women.....	670	365	54.5	342	23	5.3	4.9 - 7.7
Men, 20 years and over.....	525	416	79.2	397	20	4.8	3.6 - 6.0
Women, 20 years and over.....	606	329	54.3	310	19	5.8	4.4 - 7.2
Both sexes, 16-19 years.....	123	73	59.3	59	13	18.5	13.8 - 23.2
White.....	1,115	728	65.3	683	44	6.1	5.1 - 7.1
Men.....	526	414	78.7	389	25	6.1	4.8 - 7.4
Women.....	589	314	53.3	295	19	6.1	4.6 - 7.6
Men, 20 years and over.....	475	381	80.2	364	17	4.5	3.3 - 5.7
Women, 20 years and over.....	535	285	53.3	268	16	5.6	4.1 - 7.1
Both sexes, 16-19 years.....	105	63	60.0	52	11	17.5	12.5 - 22.5
Black and other(3).....	140	90	64.3	83	7	8.2	5.0 - 11.4
Women.....	81	51	63.0	47	4	7.6	3.4 - 11.8
<b>San Francisco-Oakland SMSA</b>							
Total.....	2,493	1,639	65.7	1,542	97	5.9	5.2 - 6.6
Men.....	1,182	933	78.9	874	58	6.3	5.4 - 7.2
Women.....	1,311	707	53.9	668	39	5.5	4.5 - 6.5
Men, 20 years and over.....	1,078	873	81.0	825	47	5.4	4.5 - 6.3
Women, 20 years and over.....	1,214	654	53.9	624	31	4.7	3.8 - 5.6
Both sexes, 16-19 years.....	201	113	56.2	93	20	17.4	13.7 - 21.1
White.....	2,005	1,324	66.0	1,258	66	5.0	4.3 - 5.7
Men.....	961	768	79.9	730	38	5.0	4.1 - 5.9
Women.....	1,044	556	53.3	528	28	4.9	3.9 - 5.9
Men, 20 years and over.....	886	721	81.4	691	30	4.2	3.4 - 5.0
Women, 20 years and over.....	971	516	53.1	494	22	4.3	3.3 - 5.3
Both sexes, 16-19 years.....	148	86	58.1	73	13	15.4	11.3 - 19.5

See footnotes at end of table.

**Table 8. Continued—Labor force status of the civilian noninstitutional population 16 years and over in 30 large Standard Metropolitan Statistical Areas and 11 large cities by sex, age, and race, 1979 annual averages**

(Numbers in thousands)

Area <sup>1</sup> and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment		
		Number	Percent of population		Number	Rate	Error range of rate <sup>2</sup>
<b>San Francisco-Oakland SMSA—Continued</b>							
Black and other(3)	488	315	64.5	284	31	10.0	8.1 - 11.9
Men	221	165	74.7	144	20	12.2	9.4 - 15.0
Women	267	151	56.6	140	11	7.5	5.1 - 9.9
Men, 20 years and over	192	151	78.6	134	16	10.6	7.8 - 13.4
Women, 20 years and over	243	138	56.8	129	9	6.5	4.1 - 8.9
<b>San Jose SMSA</b>							
Total	924	649	70.2	617	32	4.9	3.9 - 5.9
Men	446	371	83.2	356	15	3.9	2.8 - 5.0
Women	478	278	58.2	260	17	6.2	4.6 - 7.8
Men, 20 years and over	389	331	85.1	322	9	2.7	1.7 - 3.7
Women, 20 years and over	434	251	57.8	237	14	5.6	4.0 - 7.2
Both sexes, 16-19 years	101	66	65.3	57	9	13.5	9.0 - 18.0
White	835	589	70.5	560	28	4.8	3.8 - 5.8
Men	408	343	84.1	330	13	3.9	2.7 - 5.1
Women	427	245	57.4	230	15	6.2	4.5 - 7.9
Men, 20 years and over	356	305	85.7	297	8	2.6	1.6 - 3.6
Women, 20 years and over	387	221	57.1	209	12	5.4	3.7 - 7.1
Both sexes, 16-19 years	92	62	67.4	54	8	12.7	8.1 - 17.3
Black and other(3)	89	60	67.4	57	3	5.7	2.5 - 8.9
<b>Seattle-Everett SMSA</b>							
Total	1,155	822	71.2	778	44	5.4	4.5 - 6.3
Men	569	473	83.1	452	21	4.5	3.4 - 5.6
Women	586	349	59.6	326	23	6.5	5.0 - 8.0
Men, 20 years and over	509	430	84.5	413	16	3.7	2.7 - 4.7
Women, 20 years and over	530	312	58.9	294	18	5.8	4.3 - 7.3
Both sexes, 16-19 years	115	80	69.6	71	9	11.8	8.0 - 15.6
White	1,084	776	71.6	737	39	5.0	4.1 - 5.9
Men	536	450	84.0	430	20	4.5	3.4 - 5.5
Women	548	326	59.5	307	19	5.7	4.3 - 7.1
Men, 20 years and over	480	407	84.8	392	15	3.7	2.7 - 4.7
Women, 20 years and over	495	291	58.8	276	15	5.2	3.8 - 6.6
Both sexes, 16-19 years	109	78	71.6	70	9	11.2	7.3 - 15.1
<b>Washington, D.C. SMSA</b>							
Total	2,194	1,537	70.1	1,469	68	4.4	4.0 - 4.8
Men	1,051	850	80.9	817	33	3.9	3.4 - 4.4
Women	1,143	687	60.1	652	35	5.1	4.5 - 5.7
Men, 20 years and over	933	777	83.3	755	22	2.8	2.3 - 3.3
Women, 20 years and over	1,031	626	60.7	600	27	4.3	3.7 - 4.9
Both sexes, 16-19 years	229	134	58.5	115	19	14.5	12.3 - 16.7
White	1,593	1,118	70.2	1,082	36	3.2	2.8 - 3.6
Men	771	640	83.0	622	18	2.8	2.3 - 3.3
Women	822	478	58.2	460	18	3.7	3.0 - 4.4
Men, 20 years and over	689	584	84.8	572	12	2.1	1.6 - 2.6
Women, 20 years and over	741	432	58.3	418	14	3.2	2.5 - 3.9
Both sexes, 16-19 years	162	102	63.0	91	10	10.0	7.8 - 12.2
Black and other(3)	601	420	69.9	387	33	7.8	6.8 - 8.8
Men	281	211	75.1	195	15	7.2	5.8 - 8.5
Women	320	209	65.3	192	17	8.3	6.9 - 9.7
Men, 20 years and over	245	193	78.8	182	10	5.2	4.0 - 6.4
Women, 20 years and over	289	194	67.1	181	13	6.7	5.3 - 8.1
Both sexes, 16-19 years	67	32	47.8	23	9	28.3	22.9 - 33.7
<b>District of Columbia</b>							
Total	489	320	65.4	296	24	7.5	6.4 - 8.6
Men	227	152	71.4	150	12	7.4	5.8 - 9.0
Women	262	168	60.3	146	12	7.7	6.1 - 9.3
Men, 20 years and over	205	153	74.6	143	9	5.9	4.5 - 7.3
Women, 20 years and over	244	150	61.5	141	10	6.7	5.2 - 8.2
White	152	103	67.8	99	4	3.8	2.3 - 5.3
Men	69	54	78.3	52	2	3.7	1.7 - 5.7
Women	83	49	59.0	47	2	3.9	1.7 - 6.1
Men, 20 years and over	66	53	80.3	51	2	3.8	1.8 - 5.8
Women, 20 years and over	81	48	59.3	46	2	4.2	2.0 - 6.4
Black and other(3)	337	217	64.4	197	10	9.3	7.8 - 10.8
Men	158	108	68.4	98	10	9.2	7.1 - 11.3
Women	179	109	60.9	99	10	9.4	7.3 - 11.5
Men, 20 years and over	139	100	71.9	93	7	7.0	5.0 - 9.0
Women, 20 years and over	163	102	62.6	94	8	7.8	5.8 - 9.8

<sup>1</sup>All areas in this table conform to 1973 geographic boundary definitions. See appendix C.

<sup>2</sup>Error ranges are shown at the 90-percent confidence interval, which means that if repeated samples were drawn from the same population and an error range constructed around each sample estimate, in 9 out of 10 cases, the true value based on a complete census of the population would be contained within these error ranges.

<sup>3</sup>According to the 1970 Census of Population, black workers constituted

about 89 percent of the "black and other" population group for the Nation. However, the proportion of black workers in the black and other population varies among areas.

NOTE: Items may not add to totals because of rounding. Data for demographic groups are not shown when they do not meet the BLS standard of reliability for the particular area, based on the sample size in that area. See appendix B.

**Table 9. Labor force status of the Hispanic-origin population by sex and age for selected Standard Metropolitan Statistical Areas, 1979 annual averages**

(Numbers in thousands)

Area and population group	Civilian noninstitutional population	Civilian labor force		Employment	Unemployment	
		Number	Percent of population		Number	Rate <sup>1</sup>
<b>UNITED STATES</b>						
Total	7,901	5,019	63.5	4,604	415	8.3
Men	3,764	3,059	81.2	2,848	211	6.9
Women	4,138	1,960	47.4	1,757	203	10.4
Men, 20 years and over	3,226	2,753	85.3	2,595	158	5.7
Women, 20 years and over	3,614	1,731	47.9	1,576	154	8.9
Both sexes, 16-19 years	1,061	535	50.4	433	102	19.1
<b>Chicago</b>						
Total	289	199	68.9	183	16	8.0
Men	154	134	87.0	124	10	7.3
Women	135	65	48.1	59	6	9.5
Men, 20 years and over	138	126	91.3	119	8	6.0
Women, 20 years and over	119	57	47.9	52	4	7.9
<b>Houston (2)</b>						
Total	231	163	70.6	157	6	3.8
Men	120	109	90.8	106	3	2.4
Women	111	54	48.6	51	4	6.6
Men, 20 years and over	103	94	91.3	93	2	1.7
Women, 20 years and over	92	46	50.0	43	3	7.0
<b>Los Angeles-Long Beach</b>						
Total	1178	797	67.7	742	55	6.9
Men	571	483	84.6	458	25	5.2
Women	607	313	51.6	283	30	9.5
Men, 20 years and over	496	437	88.5	420	17	3.9
Women, 20 years and over	542	283	52.2	261	23	8.1
Both sexes, 15-19 years	143	76	53.1	61	15	19.5
<b>Miami</b>						
Total	413	272	65.9	258	14	5.2
Men	193	153	79.3	146	7	4.4
Women	220	119	54.1	111	7	6.1
Men, 20 years and over	169	139	82.2	134	4	3.1
Women, 20 years and over	200	111	55.5	107	5	4.3
<b>New York (2)</b>						
Total	882	447	50.7	397	50	11.2
Men	359	265	71.8	238	28	10.5
Women	514	181	35.2	159	22	12.3
Men, 20 years and over	313	247	78.9	226	21	8.6
Women, 20 years and over	456	168	36.8	150	18	10.6
<b>San Francisco-Oakland</b>						
Total	193	126	65.3	120	6	5.1
Men	90	75	83.3	71	3	4.4
Women	103	51	49.5	48	3	6.1
Men, 20 years and over	80	68	85.0	66	2	3.3
Women, 20 years and over	93	47	50.5	44	3	5.7

<sup>1</sup> Error ranges for the Hispanic-origin population in metropolitan areas are not available.

<sup>2</sup> These data for the Hispanic-origin population are based on

the 1970 geographic boundary definitions for the Houston and New York SMSA's. Unless specifically noted, all other tables refer to 1973 SMSA boundary definitions. See appendix C.



**Table 10. Full- and part-time status of the civilian labor force 16 years and over in 30 large Standard Metropolitan Statistical Areas by race, 1979 annual averages<sup>1</sup>**

(Numbers in thousands)

Area	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time	Unemployed (looking for part-time work)	
		Full-time schedules	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
	Total								
Anaheim-Santa Ana-Garden Grove...	822	769	30	23	2.8	137	127	9	6.7
Atlanta.....	836	774	26	36	4.4	96	88	8	8.5
Baltimore.....	900	813	27	60	6.7	144	123	21	14.9
Boston.....	1,180	1,084	44	53	4.5	246	234	12	10.2
Buffalo.....	504	440	24	40	7.9	109	94	15	13.9
Chicago.....	2872	2659	70	143	5.0	495	453	38	7.6
Cincinnati.....	552	505	17	30	5.5	102	89	12	12.3
Cleveland.....	743	701	20	43	5.8	146	135	11	7.4
Dallas-Fort Worth.....	1,274	1,211	27	36	2.8	179	167	12	6.6
Denver-Boulder.....	691	539	26	26	3.8	132	124	8	6.1
Detroit.....	1,774	1,577	55	141	8.0	308	277	31	10.0
Houston.....	1,201	1,124	32	45	3.7	149	137	12	7.8
Indianapolis.....	504	455	21	28	5.6	75	68	8	10.2
Kansas City.....	590	550	17	24	4.0	97	88	9	9.1
Los Angeles-Long Beach.....	3053	2881	103	149	4.9	444	399	44	10.0
Miami.....	618	561	23	33	5.4	90	80	10	10.6
Milwaukee.....	581	547	14	20	3.4	154	141	13	8.5
Minneapolis-St. Paul.....	901	854	25	23	2.5	221	209	12	5.4
Nassau-Suffolk.....	1,063	969	43	51	4.8	233	205	28	12.0
Newark.....	825	742	26	56	6.8	140	128	13	9.1
New York.....	3,514	3,146	109	259	7.4	528	470	59	11.1
Philadelphia.....	1,833	1,645	59	129	7.0	343	309	34	9.8
Pittsburgh.....	878	788	36	53	6.1	137	124	13	9.2
Riverside-San Bernardino-Ontario.....	487	434	26	27	5.5	105	94	10	10.0
St. Louis.....	976	886	38	51	5.2	160	143	17	10.4
San Diego.....	683	611	34	38	5.6	135	121	14	10.1
San Francisco-Oakland.....	1,397	1,260	62	75	5.4	242	220	22	9.2
San Jose.....	519	504	13	22	4.0	110	101	9	9.3
Seattle-Everett.....	638	536	20	32	4.6	134	122	12	9.3
Washington, D. C.....	1,314	1,234	33	46	3.5	224	202	22	9.9
	White (both sexes)								
Anaheim-Santa Ana-Garden Grove...	784	733	28	22	2.8	132	123	9	6.9
Atlanta.....	669	629	18	22	3.3	85	79	6	7.0
Baltimore.....	692	644	19	29	4.1	114	101	13	11.4
Boston.....	1,085	997	40	48	4.4	246	224	23	9.2
Buffalo.....	470	414	23	33	7.0	103	90	13	13.0
Chicago.....	2,343	2,194	58	91	3.9	438	408	29	6.7
Cincinnati.....	477	440	14	22	4.7	90	81	9	10.4
Cleveland.....	619	579	17	23	3.7	129	120	10	7.7
Dallas-Fort Worth.....	1,123	1,076	20	27	2.4	160	151	10	6.1
Denver-Boulder.....	648	602	24	22	3.4	127	120	7	5.3
Detroit.....	1,428	1,308	41	79	5.5	267	243	24	9.0
Houston.....	976	919	25	32	3.3	122	115	7	5.4
Indianapolis.....	432	394	18	20	4.5	69	62	7	9.6
Kansas City.....	517	485	16	16	3.0	82	77	5	5.8
Los Angeles-Long Beach.....	2,535	2,332	92	110	4.4	384	347	37	9.6
Miami.....	453	421	12	19	4.3	74	67	7	8.9
Milwaukee.....	536	508	12	16	3.0	147	135	12	8.1
Minneapolis-St. Paul.....	871	825	24	21	2.4	215	203	12	5.4
Nassau-Suffolk.....	978	895	41	43	4.4	225	199	27	11.8
Newark.....	661	610	17	35	5.3	126	117	9	7.5
New York.....	2,624	2,384	77	162	6.2	441	397	44	10.0
Philadelphia.....	1,497	1,378	44	75	5.0	328	280	28	9.0
Pittsburgh.....	817	739	33	45	5.5	131	119	11	8.8
Riverside-San Bernardino-Ontario.....	442	397	24	22	4.9	92	84	8	8.9
St. Louis.....	812	754	29	28	3.5	137	125	13	9.1
San Diego.....	607	545	30	33	5.4	120	109	12	9.8
San Francisco-Oakland.....	1,119	1,026	45	47	4.2	205	187	18	8.9
San Jose.....	486	455	12	20	4.1	102	93	9	8.4
Seattle-Everett.....	649	602	19	29	4.4	127	117	10	8.1
Washington, D. C.....	942	897	23	22	2.3	175	161	14	8.1

See footnotes at end of table.

**Table 10. Continued—Full- and part-time status of the civilian labor force 16 years and over in 30 large Standard Metropolitan Statistical Areas by race, 1979 annual averages**

(Numbers in thousands)

Area	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time	Unemployed (looking for part-time work)	
		Full-time schedules	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
Black and other (both sexes)									
Atlanta.....	167	145	8	14	8.6	(2)	(2)	(2)	(2)
Baltimore.....	208	169	8	31	15.0	(2)	(2)	(2)	(2)
Boston.....	95	87	4	5	5.1	(2)	(2)	(2)	(2)
Chicago.....	529	465	12	52	9.8	53	50	8	14.3
Cincinnati.....	75	65	3	8	10.6	(2)	(2)	(2)	(2)
Cleveland.....	144	122	3	19	13.5	(2)	(2)	(2)	(2)
Dallas-Fort Worth.....	151	135	6	9	5.8	(2)	(2)	(2)	(2)
Denver-Boulder.....	43	37	2	4	9.2	(2)	(2)	(2)	(2)
Detroit.....	346	270	14	62	18.0	(2)	(2)	(2)	(2)
Houston.....	224	205	7	12	5.5	(2)	(2)	(2)	(2)
Indianapolis.....	73	61	3	9	12.2	(2)	(2)	(2)	(2)
Kansas City.....	74	65	1	8	10.9	(2)	(2)	(2)	(2)
Los Angeles-Long Beach.....	518	469	11	39	7.4	60	53	8	12.6
Miami.....	165	140	11	14	8.4	(2)	(2)	(2)	(2)
Nassau-Suffolk.....	85	74	2	8	9.7	(2)	(2)	(2)	(2)
Newark.....	163	133	10	21	12.8	(2)	(2)	(2)	(2)
New York.....	891	762	32	97	10.8	88	73	15	16.9
Philadelphia.....	336	267	15	54	16.1	(2)	(2)	(2)	(2)
Pittsburgh.....	61	49	3	9	14.1	(2)	(2)	(2)	(2)
St. Louis.....	164	132	9	22	13.6	(2)	(2)	(2)	(2)
San Diego.....	76	66	4	6	7.3	(2)	(2)	(2)	(2)
San Francisco-Oakland.....	278	234	17	27	9.8	(2)	(2)	(2)	(2)
San Jose.....	53	49	1	2	3.4	(2)	(2)	(2)	(2)
Washington, D. C.....	371	337	10	25	6.6	49	41	8	16.3

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

<sup>2</sup> Data for demographic groups are not shown when they do not meet BLS

standards of reliability for the particular area, based on the sample in that area. See appendix B.

NOTE: Items may not add to totals because of rounding.

**Table 11. Labor force status by occupation in 30 large Standard Metropolitan Statistical Areas, 1979 annual averages**

(Numbers in thousands)

Area and labor force status	Total	White-collar workers					Blue-collar workers					
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Service workers
<b>Anaheim-Santa Ana-Garden Grove</b>												
Employment.....	926	568	178	140	86	164	241	110	78	(1)	(1)	115
Unemployment.....	33	10	4	(2)	2	5	11	5	4	(1)	(1)	5
Unemployment rate....	3.4	1.8	2.0	(3)	1.9	2.9	4.3	4.2	5.1	(1)	(1)	3.9
<b>Atlanta</b>												
Employment.....	888	539	151	120	67	201	242	111	63	(1)	42	104
Unemployment.....	45	20	6	3	2	9	14	3	6	(1)	4	6
Unemployment rate....	4.8	3.6	4.0	2.4	3.0	4.1	5.4	2.4	8.9	(1)	8.8	5.2
<b>Baltimore</b>												
Employment.....	962	528	161	101	58	208	294	128	76	(1)	48	139
Unemployment.....	81	25	5	4	2	14	23	6	7	(1)	6	21
Unemployment rate....	7.8	4.5	2.8	4.0	3.7	6.2	7.2	4.8	8.2	(1)	11.2	13.3
<b>Boston</b>												
Employment.....	1,361	818	262	157	94	305	348	155	113	(1)	49	193
Unemployment.....	79	32	8	4	4	16	26	8	6	(1)	9	12
Unemployment rate....	5.5	3.7	3.0	2.4	3.9	4.9	6.9	5.0	5.2	(1)	15.1	6.0
<b>Buffalo</b>												
Employment.....	558	260	84	46	(1)	97	210	85	72	(1)	(1)	84
Unemployment.....	55	14	3	3	(1)	6	21	6	8	(1)	(1)	10
Unemployment rate....	9.0	5.0	3.0	5.5	(1)	5.9	9.1	7.1	9.8	(1)	(1)	10.9
<b>Chicago</b>												
Employment.....	3,187	1,825	574	368	224	659	965	394	342	102	126	389
Unemployment.....	180	58	9	7	7	35	73	17	32	6	18	25
Unemployment rate....	5.4	3.1	1.5	2.0	2.9	5.1	7.1	4.2	8.4	5.8	12.5	6.0
<b>Cincinnati</b>												
Employment.....	611	297	82	61	47	108	232	79	93	(1)	(1)	79
Unemployment.....	43	12	4	(2)	1	6	17	2	11	(1)	(1)	8
Unemployment rate....	6.5	3.8	4.6	(3)	2.8	5.3	6.7	2.7	10.7	(1)	(1)	9.5
<b>Cleveland</b>												
Employment.....	856	453	138	92	60	163	287	119	100	(1)	(1)	115
Unemployment.....	53	16	3	2	3	8	23	7	11	(1)	(1)	8
Unemployment rate....	5.9	3.5	2.4	2.3	4.5	4.6	7.4	5.2	9.6	(1)	(1)	6.2
<b>Dallas-Fort Worth</b>												
Employment.....	1,405	784	228	165	110	281	458	206	145	49	59	150
Unemployment.....	48	16	2	1	3	9	20	3	8	4	5	5
Unemployment rate....	3.3	2.0	1.0	(3)	2.6	3.3	4.2	1.7	5.0	7.1	8.6	3.5
<b>Denver-Boulder</b>												
Employment.....	789	487	150	105	59	172	210	94	61	(1)	34	90
Unemployment.....	34	13	3	3	1	6	11	3	3	(1)	4	6
Unemployment rate....	4.1	2.5	1.6	2.3	2.1	3.6	4.9	2.9	5.4	(1)	10.1	6.5
<b>Detroit</b>												
Employment.....	1,999	954	302	173	110	369	697	262	284	77	74	249
Unemployment.....	172	43	7	5	5	26	82	18	46	6	12	29
Unemployment rate....	8.3	4.4	2.2	2.7	4.7	6.6	10.6	6.5	14.0	7.0	13.8	10.5
<b>Houston</b>												
Employment.....	1,293	679	204	131	79	265	472	235	113	52	73	138
Unemployment.....	56	18	4	2	3	8	17	5	5	4	4	13
Unemployment rate....	4.2	2.5	2.0	1.4	3.7	3.1	3.5	1.9	3.9	6.3	5.5	8.5
<b>Indianapolis</b>												
Employment.....	543	276	90	48	28	111	194	76	68	(1)	(1)	69
Unemployment.....	35	9	2	2	1	4	17	5	7	(1)	(1)	5
Unemployment rate....	6.3	3.3	2.1	3.6	4.6	3.8	8.2	6.1	9.5	(1)	(1)	6.9
<b>Kansas City</b>												
Employment.....	655	357	104	75	43	145	205	84	63	(1)	36	80
Unemployment.....	32	10	1	2	2	5	12	3	6	(1)	3	7
Unemployment rate....	4.7	2.6	1.3	2.1	4.2	3.4	5.7	2.9	8.9	(1)	6.6	7.6
<b>Los Angeles-Long Beach</b>												
Employment.....	3,303	1,894	551	430	229	685	1,036	379	405	107	145	367
Unemployment.....	193	75	21	10	11	33	66	15	32	6	13	19
Unemployment rate....	5.5	3.8	3.7	2.4	4.6	4.6	6.0	3.7	7.4	4.9	8.5	5.0

See footnotes at end of table.

**Table 11. Continued—Labor force status by occupation in 30 large Standard Metropolitan Statistical Areas, 1979 annual averages**

(Numbers in thousands)

Area and labor force status	Total	White-collar workers					Blue-collar workers					
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Service workers
<b>Miami</b>												
Employment.....	665	340	99	65	(1)	133	224	85	73	(1)	(1)	98
Unemployment.....	43	14	3	2	(1)	7	15	3	6	(1)	(1)	8
Unemployment rate....	6.1	3.9	2.9	3.0	(1)	4.9	6.4	3.6	7.1	(1)	(1)	7.6
<b>Milwaukee</b>												
Employment.....	702	365	110	86	(1)	131	230	109	73	(1)	(1)	106
Unemployment.....	33	8	2	1	(1)	4	13	4	6	(1)	(1)	4
Unemployment rate....	4.5	2.7	1.7	(3)	(1)	3.2	5.3	3.9	7.3	(1)	(1)	3.9
<b>Minneapolis-St. Paul</b>												
Employment.....	1,087	629	201	115	78	235	304	128	100	(1)	(1)	146
Unemployment.....	35	10	4	2	(2)	4	12	2	5	(1)	(1)	5
Unemployment rate....	3.1	1.6	2.1	1.8	(3)	1.5	3.7	1.9	5.0	(1)	(1)	3.4
<b>Nassau-Suffolk</b>												
Employment.....	1,217	725	222	149	100	255	322	145	76	45	57	170
Unemployment.....	79	33	6	3	6	18	19	7	6	2	5	12
Unemployment rate....	6.1	4.4	2.6	2.0	5.4	6.7	5.6	4.3	7.3	4.6	7.4	6.4
<b>Newark</b>												
Employment.....	897	526	171	97	69	188	270	103	99	(1)	(1)	100
Unemployment.....	69	22	6	1	2	13	28	4	16	(1)	(1)	9
Unemployment rate....	7.1	4.0	3.3	1.3	3.1	6.3	9.4	3.7	14.0	(1)	(1)	8.1
<b>New York</b>												
Employment.....	3,725	2,264	681	457	218	909	907	331	320	130	125	553
Unemployment.....	318	127	33	18	13	63	97	26	42	10	19	46
Unemployment rate....	7.9	5.3	4.6	3.8	5.7	6.5	9.6	7.3	11.6	6.8	13.2	7.7
<b>Philadelphia</b>												
Employment.....	2,013	1,144	370	220	120	435	603	249	205	67	82	257
Unemployment.....	163	48	6	6	11	26	66	18	28	5	15	25
Unemployment rate....	7.5	4.1	1.6	2.6	8.1	5.7	9.9	6.9	11.9	7.6	15.3	8.9
<b>Pittsburgh</b>												
Employment.....	949	490	168	82	75	165	328	140	93	(1)	57	125
Unemployment.....	66	17	4	3	2	8	30	7	8	(1)	10	10
Unemployment rate....	6.5	3.3	2.3	4.0	2.4	4.5	8.3	5.0	8.2	(1)	15.1	7.5
<b>Riverside-San Bernardino-Ontario</b>												
Employment.....	554	283	72	60	(1)	115	179	84	(1)	(1)	(1)	83
Unemployment.....	37	12	2	2	(1)	6	12	3	(1)	(1)	(1)	4
Unemployment rate....	6.3	4.0	3.3	3.3	(1)	5.0	6.1	3.4	(1)	(1)	(1)	4.9
<b>St Louis</b>												
Employment.....	1,068	578	168	123	72	215	318	136	104	(1)	49	156
Unemployment.....	68	23	5	3	3	12	22	6	9	(1)	4	11
Unemployment rate....	5.9	3.8	2.8	2.1	4.4	5.3	6.6	4.2	8.0	(1)	7.8	6.4
<b>San Diego</b>												
Employment.....	766	458	137	109	68	143	200	89	56	(1)	(1)	102
Unemployment.....	52	18	6	3	2	6	16	4	6	(1)	(1)	9
Unemployment rate....	6.3	3.8	4.3	2.6	3.4	4.3	7.6	4.8	9.8	(1)	(1)	8.1
<b>San Francisco-Oakland</b>												
Employment.....	1,542	981	329	204	117	331	378	164	101	54	59	180
Unemployment.....	97	34	13	3	3	16	33	8	10	6	9	17
Unemployment rate....	5.9	3.4	3.8	1.5	2.4	4.5	8.1	4.6	9.3	10.0	13.5	8.7
<b>San Jose</b>												
Employment.....	617	375	133	85	(1)	117	182	72	79	(1)	(1)	59
Unemployment.....	32	8	2	1	(1)	5	15	5	5	(1)	(1)	4
Unemployment rate....	4.9	2.2	1.3	1.3	(1)	3.9	7.6	5.9	6.5	(1)	(1)	5.6
<b>Seattle-Everett</b>												
Employment.....	778	472	156	88	70	159	217	97	55	(1)	(1)	87
Unemployment.....	44	16	3	3	4	7	15	5	6	(1)	(1)	9
Unemployment rate....	5.4	3.4	2.1	2.9	5.2	4.0	6.6	5.1	9.4	(1)	(1)	9.0
<b>Washington, D. C.</b>												
Employment.....	1,469	1,040	419	198	78	346	260	127	(1)	(1)	50	167
Unemployment.....	69	31	10	4	3	15	12	5	(1)	(1)	5	12
Unemployment rate....	4.4	2.9	2.3	1.9	4.0	4.0	4.6	3.6	(1)	(1)	8.4	6.6

<sup>1</sup> Data are not shown when they do not meet BLS standards of reliability for the particular area, based on the sample in that area. See appendix B.

<sup>2</sup> Estimates are not shown where there are less than 500 persons employed or unemployed.

<sup>3</sup> Less than 1.0 percent.

NOTE: Items may not add to totals because of rounding or because farm workers are not shown separately. Unemployed persons with no previous work experience are not shown separately but are included in totals. Unemployment rates were calculated using unrounded data.



**Table 12. Labor force status by major occupational category in 11 large cities, 1979 annual averages**

(Numbers in thousands)

City and labor force status	Total	White-collar workers	Blue-collar workers	Service workers
<b>Baltimore</b>				
Employment.....	291	124	97	70
Unemployment.....	42	9	11	13
Unemployment rate....	12.6	7.1	10.3	16.2
<b>Chicago</b>				
Employment.....	1168	580	405	183
Unemployment.....	94	27	37	17
Unemployment rate....	7.4	4.4	8.3	8.3
<b>Cleveland</b>				
Employment.....	243	96	101	46
Unemployment.....	26	7	12	4
Unemployment rate....	9.6	6.4	10.7	8.2
<b>Dallas</b>				
Employment.....	494	294	135	64
Unemployment.....	19	5	9	3
Unemployment rate....	3.8	1.7	6.4	4.1
<b>Detroit</b>				
Employment.....	444	171	192	80
Unemployment.....	77	18	39	13
Unemployment rate....	14.8	9.6	16.7	14.3
<b>Houston</b>				
Employment.....	731	400	248	83
Unemployment.....	33	12	11	7
Unemployment rate....	4.3	2.8	4.3	7.8
<b>Milwaukee</b>				
Employment.....	288	125	107	55
Unemployment.....	17	4	8	2
Unemployment rate....	5.6	2.8	6.7	4.2
<b>New York</b>				
Employment.....	2,755	1,648	674	433
Unemployment.....	264	101	83	40
Unemployment rate....	8.7	5.8	11.0	8.5
<b>Philadelphia</b>				
Employment.....	628	338	188	102
Unemployment.....	84	19	38	15
Unemployment rate....	11.8	5.4	16.7	12.9
<b>St. Louis</b>				
Employment.....	213	92	72	50
Unemployment.....	22	6	8	3
Unemployment rate....	9.3	6.0	10.2	6.3
<b>Washington, D.C.</b>				
Employment.....	296	197	53	46
Unemployment.....	24	11	3	6
Unemployment rate....	7.5	5.4	5.6	11.8

NOTE: Numbers may not add to totals because of rounding or because farm workers are not shown separately. Unemployed persons with no previous work experience are not shown separately but are included in totals. Unemployment rates were calculated using unrounded data.

**Table 13. Occupational distribution of employment in 30 large Standard Metropolitan Statistical Areas by sex, race, and Hispanic origin, 1979 annual averages**

(Percent of total employed)

Area	Total employed	White-collar workers					Blue-collar workers						
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Service workers	Farm workers
<b>Total</b>													
Anaheim-Santa Ana-Garden Grove	100.0	61.3	19.2	15.1	9.3	17.7	26.0	11.8	8.4	2.5	3.2	12.4	(1)
Atlanta	100.0	60.7	17.0	13.5	7.5	22.7	27.2	12.5	7.1	3.0	4.7	11.7	(1)
Baltimore	100.0	54.8	16.7	10.4	6.0	21.6	30.6	13.3	7.9	4.4	5.0	14.4	(1)
Boston	100.0	60.1	19.2	11.5	6.9	22.4	25.5	11.4	8.3	2.4	3.6	14.2	(1)
Buffalo	100.0	46.5	15.1	8.2	5.8	17.3	37.6	15.2	12.9	4.3	5.2	15.0	(1)
Chicago	100.0	57.3	18.0	11.6	7.0	20.7	30.3	12.4	10.7	3.2	4.0	12.2	(1)
Cincinnati	100.0	48.6	13.4	10.0	7.6	17.6	38.0	12.9	15.2	4.0	5.8	12.9	(1)
Cleveland	100.0	52.9	16.1	10.8	7.1	19.0	33.5	13.9	11.7	3.2	4.7	13.4	(1)
Dallas-Fort Worth	100.0	55.8	16.2	11.8	7.8	20.0	32.6	14.6	10.3	3.5	4.2	10.6	(1)
Denver-Boulder	100.0	61.7	19.1	13.3	7.5	21.8	26.7	11.9	7.7	2.8	4.3	11.5	(1)
Detroit	100.0	50.0	15.8	9.1	5.7	19.3	36.5	13.7	14.9	4.0	3.9	13.0	(1)
Houston	100.0	52.5	15.8	10.1	6.1	20.5	36.5	18.2	8.7	4.0	5.6	10.7	(1)
Indianapolis	100.0	50.8	16.5	8.7	5.1	20.4	35.7	14.0	12.6	3.7	5.4	12.8	(1)
Kansas City	100.0	56.1	15.9	11.5	6.6	22.1	31.3	12.8	9.7	3.3	5.5	12.3	(1)
Los Angeles-Long Beach	100.0	57.3	16.7	13.0	6.9	20.7	31.4	11.5	12.3	3.2	4.4	11.1	(1)
Miami	100.0	51.1	14.8	9.8	6.5	19.9	33.6	12.7	11.0	4.8	5.1	14.7	(1)
Milwaukee	100.0	52.0	15.7	12.3	5.4	18.6	32.7	15.6	10.4	3.4	3.4	15.1	(1)
Minneapolis-St. Paul	100.0	57.8	18.5	10.6	7.1	21.6	27.9	11.8	9.2	3.5	3.4	13.4	(1)
Nassau-Suffolk	100.0	59.5	18.2	12.2	8.2	20.9	26.5	11.9	6.2	3.7	4.7	13.9	(1)
Newark	100.0	58.6	19.1	10.9	7.7	20.9	30.1	11.5	11.1	3.3	4.2	11.1	(1)
New York	100.0	60.8	18.3	12.3	5.8	24.4	24.3	8.9	8.6	3.5	3.4	14.9	(1)
Philadelphia	100.0	56.8	18.4	10.9	5.9	21.6	29.9	12.3	10.2	3.3	4.1	12.8	(1)
Pittsburgh	100.0	51.6	17.7	8.6	7.9	17.4	34.5	14.8	9.8	3.9	6.0	13.2	(1)
Riverside-San Bernardino-Ontario	100.0	51.0	13.0	10.8	6.5	20.7	32.3	15.1	7.4	3.3	6.5	14.9	1.8
St. Louis	100.0	54.1	15.8	11.5	6.8	20.1	29.8	12.7	9.7	2.8	4.6	14.6	(1)
San Diego	100.0	59.8	17.9	14.3	8.9	18.7	26.1	11.7	7.2	2.9	4.2	13.2	(1)
San Francisco-Oakland	100.0	63.4	21.4	13.2	7.6	21.4	24.5	10.6	6.6	3.5	3.8	11.6	(1)
San Jose	100.0	60.7	21.5	13.7	6.5	19.0	29.4	11.7	12.9	2.0	2.9	9.6	(1)
Seattle-Everett	100.0	60.6	20.0	11.3	9.0	20.4	27.9	12.5	7.1	3.3	5.1	11.2	(1)
Washington, D. C.	100.0	70.8	28.5	13.5	5.3	23.5	17.7	8.7	3.0	2.6	3.4	11.3	(1)
<b>Men</b>													
Anaheim-Santa Ana-Garden Grove	100.0	53.8	22.4	13.2	8.5	5.8	35.7	18.7	8.0	4.1	4.9	10.1	(1)
Atlanta	100.0	50.1	15.2	18.2	8.0	8.7	40.5	20.7	7.8	4.7	7.4	8.9	(1)
Baltimore	100.0	44.3	16.5	13.7	5.9	8.2	44.7	21.2	8.6	7.1	7.8	10.9	(1)
Boston	100.0	50.3	18.9	15.0	6.9	9.4	37.8	19.3	8.9	3.9	5.7	11.6	(1)
Buffalo	100.0	36.5	13.7	9.8	4.8	6.1	52.3	23.4	15.2	6.0	7.8	10.3	(1)
Chicago	100.0	48.0	17.3	15.5	7.0	8.3	42.4	20.0	11.4	5.2	5.9	9.3	(1)
Cincinnati	100.0	39.5	11.9	13.0	7.3	7.3	52.9	20.7	17.2	6.2	8.9	7.0	(1)
Cleveland	100.0	42.6	15.6	14.3	7.0	5.7	48.4	22.5	13.5	5.2	7.2	8.6	(1)
Dallas-Fort Worth	100.0	46.4	15.9	15.3	8.0	7.3	44.9	23.1	9.9	5.7	6.3	7.3	1.3
Denver-Boulder	100.0	53.0	19.9	16.7	7.7	8.7	38.4	19.5	8.1	4.3	6.4	8.4	(1)
Detroit	100.0	39.0	15.5	11.9	5.1	6.5	51.6	21.9	18.3	6.0	5.4	8.8	(1)
Houston	100.0	39.0	15.9	12.1	5.6	5.4	54.4	28.5	11.8	6.0	8.2	6.1	(1)
Indianapolis	100.0	39.5	16.3	11.1	5.5	6.7	52.1	22.9	15.2	5.9	8.2	7.3	(1)
Kansas City	100.0	44.8	15.9	15.1	6.6	7.1	45.5	21.3	10.3	5.4	8.5	9.2	(1)
Los Angeles-Long Beach	100.0	48.1	17.3	16.5	7.1	7.1	43.2	18.5	12.4	5.3	6.7	8.5	(1)
Miami	100.0	42.0	14.3	13.0	6.9	7.8	45.5	21.3	8.3	8.0	7.9	11.7	(1)
Milwaukee	100.0	42.1	15.2	15.5	5.3	6.1	43.1	18.8	11.6	5.5	5.5	8.5	(1)
Minneapolis-St. Paul	100.0	50.2	20.1	14.7	7.3	8.1	39.6	19.6	8.9	5.7	5.6	9.0	1.2
Nassau-Suffolk	100.0	51.0	18.5	17.0	8.8	6.7	36.9	19.0	5.2	5.5	7.2	12.1	(1)
Newark	100.0	49.2	19.6	15.6	7.1	6.8	42.2	19.7	9.7	5.5	7.3	8.5	(1)
New York	100.0	51.2	17.6	16.2	6.3	11.2	34.2	14.9	7.8	5.9	5.6	14.5	(1)
Philadelphia	100.0	46.3	18.1	14.8	5.8	7.7	43.7	20.9	10.8	5.4	6.6	9.4	(1)
Pittsburgh	100.0	41.1	16.6	10.8	7.3	6.4	49.8	22.7	12.3	5.9	8.8	8.3	(1)
Riverside-San Bernardino-Ontario	100.0	37.5	11.5	13.7	5.4	6.8	49.0	25.2	8.7	5.3	9.8	10.9	2.6
St. Louis	100.0	43.5	14.3	15.4	6.6	7.2	43.4	21.2	10.7	4.5	7.0	10.8	(1)
San Diego	100.0	51.7	19.4	18.9	7.4	6.0	37.8	20.1	6.4	4.7	6.6	9.3	1.2
San Francisco-Oakland	100.0	54.5	22.4	16.7	7.5	7.9	36.2	17.5	7.2	5.8	5.7	9.0	(1)
San Jose	100.0	59.6	24.6	17.7	5.4	6.9	36.5	18.4	10.9	3.2	4.1	8.4	(1)
Seattle-Everett	100.0	51.6	21.8	13.8	9.3	6.8	39.9	19.5	8.1	4.8	7.5	8.2	(1)
Washington, D. C.	100.0	62.2	30.4	17.5	5.0	9.3	28.7	14.9	4.0	4.2	5.6	8.9	(1)
<b>Women</b>													
Anaheim-Santa Ana-Garden Grove	100.0	71.3	16.3	10.9	10.4	33.7	13.0	2.7	9.1	(1)	(1)	15.5	(1)
Atlanta	100.0	74.4	19.3	7.5	6.9	40.8	10.0	1.9	6.1	(1)	1.2	15.4	(1)
Baltimore	100.0	69.9	17.0	5.8	6.2	40.8	10.5	2.2	6.8	(1)	1.0	19.4	(1)
Boston	100.0	72.7	19.6	7.1	6.9	39.2	9.8	1.1	7.4	(1)	(1)	17.4	(1)
Buffalo	100.0	62.9	17.4	5.7	7.5	32.3	13.6	1.9	9.2	1.5	1.0	22.5	1.0
Chicago	100.0	70.2	19.0	6.2	7.1	37.9	13.5	1.8	9.9	(1)	1.3	16.3	(1)
Cincinnati	100.0	62.5	15.6	5.5	8.1	33.3	15.3	1.2	12.1	(1)	1.2	21.8	(1)
Cleveland	100.0	67.9	16.8	5.7	7.1	38.3	11.7	1.6	9.0	(1)	1.0	20.4	(1)
Dallas-Fort Worth	100.0	68.7	16.7	6.9	7.6	37.5	15.6	3.0	10.9	(1)	1.3	15.3	(1)
Denver-Boulder	100.0	73.5	17.9	8.8	7.1	39.7	10.7	1.6	7.2	(1)	1.4	15.7	(1)

See footnotes at end of table.

**Table 13. Continued—Occupational distribution of employment in 30 large Standard Metropolitan Statistical Areas by sex, race, and Hispanic origin, 1979 annual averages**

(Percent of total employed)

Area	Total employed	White-collar workers					Blue-collar workers						
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Service workers	Farm workers
Women—Continued													
Detroit.....	100.0	66.5	16.3	4.9	6.7	38.6	13.8	1.5	9.7	1.2	1.5	19.4	(1)
Houston.....	100.0	73.4	15.5	7.1	7.0	43.8	8.9	2.3	4.0	1.0	1.6	17.7	(1)
Indianapolis.....	100.0	66.2	16.7	5.5	4.6	39.4	13.2	1.9	9.0	(1)	1.5	20.2	(1)
Kansas City.....	100.0	70.7	15.8	6.8	6.6	41.5	12.6	1.8	8.8	(1)	1.6	16.3	(1)
Los Angeles—													
Long Beach.....	100.0	69.9	15.8	8.3	6.7	39.1	15.4	1.6	12.0	(1)	1.3	14.7	(1)
Miami.....	100.0	62.2	15.5	5.8	6.0	34.9	18.9	2.1	14.5	(1)	1.6	18.4	(1)
Milwaukee.....	100.0	64.7	16.3	8.1	5.6	34.7	11.4	1.2	8.8	(1)	(1)	23.6	(1)
Minneapolis-St. Paul.....	100.0	67.7	16.3	5.3	7.0	39.1	12.8	1.9	9.5	(1)	(1)	19.2	(1)
Nassau-Suffolk.....	100.0	72.5	17.8	5.1	7.2	42.3	10.7	1.3	7.7	(1)	(1)	16.8	(1)
Newark.....	100.0	70.1	18.5	5.1	8.3	38.2	15.4	1.6	12.8	(1)	(1)	14.4	(1)
New York.....	100.0	73.2	19.2	7.2	5.3	41.6	11.5	1.1	9.7	(1)	(1)	15.3	(1)
Philadelphia.....	100.0	70.5	18.8	6.0	6.2	39.6	12.0	1.2	9.3	(1)	(1)	17.2	(1)
Pittsburgh.....	100.0	68.9	19.6	5.0	8.8	35.4	9.5	1.6	5.7	(1)	1.5	21.2	(1)
Riverside-San Bernardino-Ontario.....	100.0	69.3	15.1	6.8	7.9	39.5	9.8	1.5	5.7	(1)	2.0	20.3	(1)
St. Louis.....	100.0	67.8	17.6	6.4	6.9	36.9	12.1	1.7	8.4	(1)	1.5	19.6	(1)
San Diego.....	100.0	69.8	15.9	8.6	10.7	34.6	11.5	1.2	8.3	(1)	1.3	18.2	(1)
San Francisco-Oakland.....	100.0	75.5	20.0	8.6	7.8	39.1	9.2	1.6	5.8	(1)	1.3	15.1	(1)
San Jose.....	100.0	69.1	17.3	8.4	7.9	35.5	19.7	2.5	15.6	(1)	1.4	11.2	(1)
Seattle-Everett.....	100.0	73.1	17.6	7.7	8.6	39.2	11.3	2.7	5.7	1.1	1.8	15.5	(1)
Washington, D. C.....	100.0	81.6	26.1	8.4	5.8	41.4	3.9	(1)	1.7	(1)	(1)	14.4	(1)
White (both sexes)													
Anaheim-Santa Ana—													
Garden Grove.....	100.0	61.4	18.6	15.4	9.5	17.9	26.2	12.2	8.0	2.6	3.3	12.1	(1)
Atlanta.....	100.0	64.2	17.6	15.1	8.6	22.8	26.2	13.4	6.3	2.5	4.0	9.3	(1)
Baltimore.....	100.0	60.3	18.1	12.4	7.4	22.4	29.7	14.6	6.7	3.9	4.4	9.9	(1)
Boston.....	100.0	60.9	19.7	11.7	7.2	22.3	25.5	11.5	8.0	2.3	3.7	13.3	(1)
Buffalo.....	100.0	47.2	15.4	8.3	6.2	17.4	37.3	15.6	12.0	4.4	5.3	14.5	1.0
Chicago.....	100.0	59.1	18.0	12.7	7.8	20.6	29.5	13.0	9.7	3.0	3.9	11.1	(1)
Cincinnati.....	100.0	50.6	14.1	10.8	8.1	17.7	37.3	13.4	14.0	4.2	5.7	11.4	(1)
Cleveland.....	100.0	55.3	17.0	11.5	8.0	18.9	32.7	14.3	11.2	2.6	4.6	11.7	(1)
Dallas-Fort Worth.....	100.0	58.6	17.1	12.5	8.3	20.7	31.7	15.2	9.5	3.3	3.8	8.8	1.0
Denver-Boulder.....	100.0	62.4	19.6	13.8	7.8	21.3	26.4	12.1	7.5	2.7	4.2	11.0	(1)
Detroit.....	100.0	52.1	16.7	10.0	6.2	19.1	35.5	14.3	13.8	3.8	3.7	11.8	(1)
Houston.....	100.0	55.7	16.6	11.5	7.1	20.4	35.6	19.0	8.7	3.1	4.7	8.4	(1)
Indianapolis.....	100.0	51.8	17.4	9.2	5.3	19.9	35.4	14.2	12.2	3.9	5.0	11.9	(1)
Kansas City.....	100.0	59.2	16.6	12.3	7.4	23.0	30.7	13.6	9.0	3.2	4.9	9.6	(1)
Los Angeles—													
Long Beach.....	100.0	57.6	16.7	14.0	7.2	19.7	31.7	12.0	12.3	3.2	4.2	10.5	(1)
Miami.....	100.0	54.7	15.5	11.9	7.1	20.1	34.1	13.9	12.3	4.2	3.8	10.5	(1)
Milwaukee.....	100.0	53.2	15.7	12.8	5.8	18.9	32.1	15.9	10.0	3.0	3.1	14.6	(1)
Minneapolis-St. Paul.....	100.0	57.7	18.3	10.7	7.3	21.5	28.1	12.0	9.1	3.5	3.5	13.3	(1)
Nassau-Suffolk.....	100.0	61.0	18.6	12.7	8.7	21.1	26.0	12.1	5.8	3.4	4.7	13.0	(1)
Newark.....	100.0	62.2	19.8	11.9	9.0	21.5	27.5	11.1	9.5	2.8	4.1	10.1	(1)
New York.....	100.0	64.0	19.5	14.0	6.8	23.7	24.0	9.7	8.0	3.1	3.2	12.0	(1)
Philadelphia.....	100.0	59.0	19.3	12.0	6.5	21.3	29.5	12.9	9.6	3.3	3.7	11.1	(1)
Pittsburgh.....	100.0	52.7	18.3	8.7	8.0	17.7	34.2	15.1	9.6	3.7	5.7	12.4	(1)
Riverside-San Bernardino-Ontario.....	100.0	52.1	13.8	11.1	6.8	20.4	32.7	15.5	7.5	3.3	6.3	13.5	1.7
St. Louis.....	100.0	57.2	16.7	12.6	7.2	20.7	29.3	13.5	9.2	2.6	4.0	11.0	(1)
San Diego.....	100.0	60.7	18.1	15.2	9.1	18.3	25.5	12.0	5.9	3.2	4.4	12.8	1.0
San Francisco-Oakland.....	100.0	64.8	22.2	14.7	8.3	19.7	24.7	11.4	6.1	3.6	3.7	15.3	(1)
San Jose.....	100.0	60.9	21.2	13.9	7.0	18.8	29.1	11.9	12.1	2.1	3.0	9.7	(1)
Seattle-Everett.....	100.0	61.1	20.1	11.4	9.1	20.5	27.9	12.6	6.8	3.3	5.2	10.8	(1)
Washington, D. C.....	100.0	75.6	31.7	15.8	6.4	21.7	15.9	8.7	2.8	1.7	2.7	8.4	(1)
Black and other (both sexes) <sup>1</sup>													
Atlanta.....	100.0	45.0	14.1	6.4	2.4	22.1	31.9	8.3	10.6	5.2	7.8	22.8	(1)
Baltimore.....	100.0	34.0	11.5	2.9	(1)	18.6	34.2	8.3	12.3	6.4	7.2	31.8	(1)
Boston.....	100.0	49.2	13.2	9.0	3.2	23.9	25.6	9.2	11.8	2.9	1.7	25.1	(1)
Chicago.....	100.0	48.3	18.1	6.0	2.9	21.2	34.1	9.0	16.2	4.4	4.5	17.6	(1)
Cincinnati.....	100.0	34.3	8.1	4.4	4.5	17.3	42.7	9.6	23.3	3.0	6.9	23.0	(1)
Cleveland.....	100.0	40.3	11.5	7.0	2.5	19.4	37.4	12.0	14.1	6.2	5.0	22.3	(1)
Dallas-Fort Worth.....	100.0	33.8	9.3	6.0	4.2	14.3	40.0	10.4	17.0	5.3	7.4	25.3	(1)
Denver-Boulder.....	100.0	49.4	9.7	5.8	2.3	31.6	31.2	8.6	12.1	4.2	6.3	19.2	(1)
Detroit.....	100.0	39.5	11.5	4.3	3.4	20.3	41.3	11.1	20.3	5.4	4.5	19.1	(1)
Houston.....	100.0	38.2	11.7	4.0	1.6	20.9	40.9	14.1	8.9	8.0	9.8	20.8	(1)
Indianapolis.....	100.0	43.4	9.9	5.7	3.6	24.3	37.7	12.7	14.7	2.4	8.0	18.8	(1)
Kansas City.....	100.0	32.0	10.3	5.6	(1)	15.5	35.3	6.8	14.7	3.7	10.2	32.6	(1)

See footnotes at end of table.

**Table 13. Continued—Occupational distribution of employment in 30 large Standard Metropolitan Statistical Areas by sex, race, and Hispanic origin, 1979 annual averages**

(Percent of total employed)

Area	Total employed	White-collar workers					Blue-collar workers						
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Service workers	Farm workers
Black and other (both sexes) <sup>2</sup> —Continued													
Los Angeles-Long Beach.....	100.0	55.8	16.5	7.8	5.4	26.2	29.6	8.8	11.9	3.2	5.7	14.5	(1)
Miami.....	100.0	40.1	12.6	3.3	4.8	19.3	32.1	9.2	7.3	6.5	9.1	27.5	(1)
Milwaukee.....	100.0	35.7	15.4	4.8	(1)	15.0	41.8	10.4	15.3	8.8	7.3	22.4	(1)
Nassau-Suffolk.....	100.0	40.1	13.6	6.1	1.5	19.0	32.9	9.0	12.4	6.9	4.6	27.0	(1)
Newark.....	100.0	41.1	15.7	5.7	1.3	18.4	42.6	13.6	18.5	5.8	4.8	16.3	(1)
New York.....	100.0	50.2	14.2	6.6	2.9	26.5	25.5	6.3	10.7	4.8	3.8	24.3	(1)
Philadelphia.....	100.0	45.2	13.3	5.4	3.1	23.5	32.3	9.3	13.3	3.5	6.3	21.9	(1)
Pittsburgh.....	100.0	34.0	9.5	7.0	5.4	12.1	40.1	8.8	12.9	7.7	10.7	25.8	(1)
Riverside-San Bernardino-Ontario....	100.0	40.0	5.3	6.9	3.7	24.0	28.1	10.9	6.2	3.0	8.0	29.7	2.2
St. Louis.....	100.0	36.9	10.1	5.3	4.3	17.1	32.4	7.8	12.3	4.3	8.0	30.7	(1)
San Diego.....	100.0	52.1	16.3	6.7	7.3	21.9	30.6	8.9	18.0	1.0	2.7	17.1	(1)
San Francisco-Oakland..	100.0	58.4	17.7	6.6	4.7	29.3	23.5	7.4	8.8	3.3	4.1	17.6	(1)
San Jose.....	100.0	58.7	24.6	12.2	1.5	20.5	32.5	9.2	20.0	(1)	2.4	8.7	(1)
Washington, D. C.....	100.0	57.5	19.4	7.1	2.4	28.6	22.8	8.4	3.3	5.4	5.6	19.6	(1)
Hispanic origin													
Chicago.....	100.0	23.1	3.1	4.1	2.1	13.8	60.5	10.3	35.9	3.6	10.8	15.9	(1)
Houston(3).....	100.0	28.4	8.0	4.3	3.1	13.0	56.8	22.2	19.1	2.5	13.0	14.2	1.2
Los Angeles-Long Beach.....	100.0	27.5	4.8	6.0	2.5	14.2	56.7	13.2	31.9	3.8	7.8	15.4	(1)
Miami.....	100.0	45.4	11.2	8.2	7.4	18.2	43.5	14.1	20.1	4.8	4.5	10.4	(1)
New York(3).....	100.0	35.7	6.6	5.7	3.7	19.5	42.5	10.0	23.6	3.9	5.0	21.8	(1)
San Francisco-Oakland..	100.0	39.2	9.6	6.4	7.2	16.0	43.2	12.0	15.2	6.4	9.6	16.0	(1)

<sup>1</sup> Less than 1.0 percent.

<sup>2</sup> Data are not shown separately for black and other races where the employment estimate for black and other races is not sufficiently large to meet BLS standards of reliability for the particular area based on the sample size in that area. See appendix B.

<sup>3</sup> These data for the Hispanic-origin population are based on the 1970 geographic boundary definitions for the Houston and New York SMSAs.

NOTE: Items may not add to totals because of rounding.



**Table 14. Occupational distribution of employment in 11 large cities by sex and race, 1979 annual averages**

(Percent of total employed)

City	Total employed	White-collar workers					Blue-collar workers					
		Total	Professional and technical	Managers and administrators, except farm	Sales workers	Clerical workers	Total	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Service workers
Total												
Baltimore.....	100.0	42.6	10.7	7.1	4.6	20.2	33.3	10.4	10.8	6.5	5.7	23.9
Chicago.....	100.0	49.7	15.8	7.7	4.0	22.1	34.7	11.4	15.2	3.9	4.2	15.7
Cleveland.....	100.0	39.6	9.4	6.6	4.2	19.4	41.5	14.4	16.9	5.3	4.9	18.9
Dallas.....	100.0	59.4	18.9	12.0	7.5	21.0	27.3	11.9	8.6	2.4	4.5	13.0
Detroit.....	100.0	38.5	9.8	5.0	3.0	20.8	43.3	12.7	21.8	4.7	4.2	18.1
Houston.....	100.0	54.7	16.4	9.9	6.6	21.8	33.9	17.0	7.7	3.6	5.7	11.4
Milwaukee.....	100.0	43.6	12.1	7.8	3.5	20.2	37.3	16.6	12.4	3.7	4.6	19.1
New York.....	100.0	59.8	17.6	11.1	5.4	25.7	24.5	8.5	9.0	3.6	3.4	15.7
Philadelphia.....	100.0	53.8	16.9	7.9	3.6	25.4	29.9	10.7	10.5	3.4	5.3	16.2
St. Louis.....	100.0	42.9	12.1	9.4	2.5	19.0	33.7	9.3	12.5	4.9	7.0	23.3
Washington, D.C.....	100.0	66.7	25.4	10.2	3.7	27.4	17.8	6.2	2.6	4.4	4.6	15.5
Men												
Baltimore.....	100.0	31.3	9.3	8.8	4.7	8.5	49.7	17.6	11.7	11.3	9.1	19.0
Chicago.....	100.0	37.2	13.9	9.3	4.1	9.9	48.6	18.8	16.8	6.5	6.5	14.2
Cleveland.....	100.0	26.4	7.9	8.2	4.2	6.1	59.6	23.6	19.0	9.0	7.9	14.0
Dallas.....	100.0	52.0	18.4	15.7	8.8	9.1	39.1	19.1	8.7	4.2	7.0	8.7
Detroit.....	100.0	23.7	8.0	6.4	2.8	6.6	61.0	21.2	26.7	7.4	5.7	15.3
Houston.....	100.0	41.5	16.3	11.6	6.7	6.9	52.4	27.4	10.4	5.9	8.1	12.3
Milwaukee.....	100.0	28.7	10.7	7.8	3.4	6.7	59.0	29.6	15.4	5.9	5.7	16.3
New York.....	100.0	49.7	16.4	14.3	5.9	13.1	34.0	14.2	7.8	6.3	5.7	16.3
Philadelphia.....	100.0	39.7	15.2	10.8	3.2	10.5	46.1	19.2	11.6	6.5	8.9	14.0
St. Louis.....	100.0	33.5	10.7	12.8	2.0	7.9	46.2	13.9	10.3	8.6	11.5	20.3
Washington, D.C.....	100.0	56.4	25.1	12.0	3.9	15.4	31.5	11.6	3.0	8.2	8.7	12.0
Women												
Baltimore.....	100.0	57.0	12.4	4.9	4.6	35.0	12.6	1.3	9.6	(1)	1.3	30.2
Chicago.....	100.0	65.9	18.4	5.7	3.8	38.1	16.5	1.9	13.0	(1)	1.2	17.6
Cleveland.....	100.0	58.0	11.5	4.5	4.1	37.9	16.2	1.7	13.9	(1)	(1)	25.8
Dallas.....	100.0	68.8	19.4	7.5	6.0	36.0	12.7	2.9	8.5	(1)	1.4	18.4
Detroit.....	100.0	58.9	12.3	3.0	3.2	40.3	19.0	1.0	15.0	1.0	2.0	21.9
Houston.....	100.0	73.6	16.5	7.5	6.4	43.2	7.4	2.0	3.7	(1)	1.1	19.0
Milwaukee.....	100.0	61.9	13.9	7.8	3.5	36.7	10.8	(1)	8.7	1.0	(1)	27.3
New York.....	100.0	72.7	19.1	7.0	4.7	42.0	12.3	1.1	10.6	(1)	(1)	14.9
Philadelphia.....	100.0	69.7	18.8	4.7	4.0	42.2	11.6	1.1	9.2	(1)	1.2	18.7
St. Louis.....	100.0	53.6	13.6	5.5	3.1	31.5	19.6	1.8	14.9	(1)	2.1	26.6
Washington, D.C.....	100.0	77.2	25.6	8.4	3.4	39.8	3.7	(1)	2.1	(1)	(1)	19.0
White (both sexes)												
Baltimore.....	100.0	55.1	13.4	12.0	8.8	20.8	31.8	12.8	9.2	6.3	3.5	12.9
Chicago.....	100.0	51.0	15.2	8.9	4.6	22.2	34.4	12.7	14.0	3.4	4.2	14.6
Cleveland.....	100.0	41.8	10.2	7.5	5.4	18.7	43.6	15.3	18.5	4.9	4.9	14.5
Dallas.....	100.0	65.3	21.2	13.9	8.0	22.3	25.0	12.4	7.1	1.9	3.6	9.4
Detroit.....	100.0	40.1	9.6	5.7	3.5	21.4	42.4	16.0	21.9	3.3	3.2	17.3
Houston.....	100.0	60.1	18.2	12.0	8.4	21.5	31.8	17.9	7.3	2.2	4.4	8.1
Milwaukee.....	100.0	45.7	11.7	8.8	4.0	21.2	36.1	17.6	11.6	3.0	4.0	18.1
New York.....	100.0	63.6	19.0	13.1	6.3	25.1	23.9	9.3	8.3	3.1	3.2	12.4
Philadelphia.....	100.0	57.5	19.0	8.8	4.0	25.8	29.4	11.6	8.9	3.5	5.4	13.0
St. Louis.....	100.0	50.1	14.4	12.7	1.9	21.2	33.1	10.6	12.8	4.9	4.9	15.6
Washington, D.C.....	100.0	90.1	45.3	17.9	6.0	20.9	4.4	2.6	(1)	(1)	(1)	5.5
Black and other (both sexes)												
Baltimore.....	100.0	31.4	8.2	2.6	(1)	19.7	34.8	8.3	12.3	6.6	7.6	33.9
Chicago.....	100.0	47.2	16.9	5.6	2.8	21.9	35.2	9.1	17.3	4.7	4.2	17.6
Cleveland.....	100.0	36.3	8.3	5.3	2.3	20.4	38.1	13.2	14.3	5.8	4.8	25.6
Dallas.....	100.0	38.0	10.4	5.3	5.8	16.5	35.9	9.9	14.4	3.9	7.7	26.0
Detroit.....	100.0	37.4	10.0	4.4	2.5	20.4	44.0	11.7	21.7	5.7	4.8	18.7
Houston.....	100.0	39.3	11.0	4.1	1.6	22.6	39.9	14.4	8.7	7.6	9.2	20.8
New York.....	100.0	50.1	13.9	6.0	3.0	27.3	25.9	6.4	10.8	4.9	3.8	24.0
Philadelphia.....	100.0	46.1	12.5	6.2	2.8	24.6	30.9	8.7	13.8	3.3	5.1	23.0
St. Louis.....	100.0	32.1	8.6	4.4	3.4	15.7	34.5	7.2	12.0	5.0	10.2	33.4
Washington, D.C.....	100.0	55.0	15.4	6.4	2.5	30.7	24.5	7.9	3.4	6.2	6.9	20.5

<sup>1</sup> Less than 1.0 percent.

shown when they do not meet BLS standards of reliability for the particular area, based on the sample in that area. See appendix B.

NOTE: Items may not add to totals because of rounding. Data are not

**Table 15. Unemployed persons by duration of unemployment in selected large Standard Metropolitan Statistical Areas by sex and race, 1979 annual averages**

Area	Total unemployed (in thousands)	Percent distribution by duration of unemployment					
		Total	Less than 5 weeks	5-14 weeks	15-26 weeks	27-51 weeks	52 weeks or longer
<b>Total</b>							
Baltimore.....	81	100.0	51.8	34.4	7.5	2.4	3.9
Boston.....	79	100.0	43.1	30.9	13.5	7.3	5.2
Buffalo.....	55	100.0	33.2	35.5	17.5	6.1	7.7
Chicago.....	180	100.0	45.0	37.1	13.2	4.8	5.0
Cleveland.....	53	100.0	40.3	38.8	8.8	8.1	3.9
Dallas-Fort Worth.....	48	100.0	59.7	27.9	8.1	1.6	2.7
Denver-Boulder.....	34	100.0	69.3	24.4	5.8	(1)	(1)
Detroit.....	172	100.0	50.6	27.6	12.5	4.1	5.2
Houston.....	56	100.0	62.4	26.8	7.6	1.8	1.4
Los Angeles-Long Beach.....	193	100.0	53.8	26.1	11.8	2.8	5.5
Nassau-Suffolk.....	79	100.0	47.2	30.2	14.1	1.9	6.7
Newark.....	69	100.0	43.0	35.2	7.1	7.4	7.3
New York.....	318	100.0	38.5	28.9	16.8	6.8	9.0
Philadelphia.....	163	100.0	39.2	27.6	15.1	8.3	9.8
Pittsburgh.....	66	100.0	48.5	34.0	7.9	6.7	2.8
St. Louis.....	68	100.0	44.7	32.9	11.9	3.6	6.9
San Diego.....	52	100.0	52.4	32.7	7.9	(1)	6.1
San Francisco-Oakland.....	97	100.0	44.0	31.3	11.1	5.3	8.3
Washington, D.C.....	68	100.0	52.7	30.1	11.2	3.8	2.2
<b>Men</b>							
Boston.....	42	100.0	39.6	32.7	14.6	8.8	4.3
Chicago.....	95	100.0	42.0	30.3	14.9	6.8	6.0
Detroit.....	93	100.0	47.1	29.2	14.0	3.8	6.0
Los Angeles-Long Beach.....	100	100.0	49.9	27.1	12.7	4.2	6.0
New York.....	176	100.0	33.7	27.2	19.3	7.5	12.3
Philadelphia.....	91	100.0	30.3	26.4	19.1	10.0	14.3
San Francisco-Oakland.....	58	100.0	42.6	33.4	8.0	6.6	9.4
Washington, D.C.....	33	100.0	48.2	32.6	14.7	3.7	(1)
<b>Women</b>							
Detroit.....	79	100.0	54.8	25.9	10.7	4.4	4.2
Chicago.....	85	100.0	48.3	34.1	11.2	2.7	3.7
Los Angeles-Long Beach.....	94	100.0	57.9	25.0	10.9	1.3	4.9
New York.....	142	100.0	44.4	30.9	13.7	6.0	5.0
Philadelphia.....	72	100.0	50.5	29.2	10.1	6.1	4.1
Washington, D.C.....	35	100.0	56.9	27.8	7.9	4.0	3.5
<b>White (both sexes)</b>							
Boston.....	70	100.0	42.8	30.4	14.1	6.8	5.8
Buffalo.....	46	100.0	33.7	34.2	18.5	6.4	7.1
Chicago.....	120	100.0	45.2	34.0	13.6	4.8	2.3
Detroit.....	102	100.0	55.8	28.8	10.2	2.3	2.9
Los Angeles-Long Beach.....	147	100.0	53.3	26.2	11.4	3.2	5.9
Nassau-Suffolk.....	69	100.0	49.3	29.7	13.0	1.8	6.2
New York.....	206	100.0	40.7	28.6	16.3	7.1	7.2
Philadelphia.....	103	100.0	43.7	27.3	15.0	7.2	6.8
Pittsburgh.....	56	100.0	51.1	33.1	7.0	7.0	1.8
San Francisco-Oakland.....	56	100.0	47.3	30.2	11.3	4.0	7.3
Washington, D.C.....	36	100.0	63.5	23.5	11.0	1.6	(1)
<b>Black and other (both sexes)</b>							
Chicago.....	60	100.0	44.4	28.2	12.2	4.9	10.3
Detroit.....	69	100.0	43.0	25.9	15.9	6.7	8.5
Los Angeles-Long Beach.....	46	100.0	55.4	25.6	13.2	1.7	4.2
New York.....	111	100.0	34.4	29.3	17.8	6.2	12.3
Philadelphia.....	60	100.0	31.5	28.2	15.3	10.0	15.0
Washington, D.C.....	33	100.0	40.8	37.5	11.4	6.3	4.0

\* Estimates are not shown when there are less than 500 people unemployed.

for demographic groups are not shown when they do not meet BLS standards of reliability for the particular area, based on the sample in that area. See appendix B.

Note: Items may not add to 100.0 percent because of rounding. Data

**Table 16. Unemployed persons by duration of unemployment in selected large cities by sex and race, 1979 annual averages**

City	Total unemployed (in thousands)	Percent distribution by duration of unemployment					
		Total	Less than 5 weeks	5—14 weeks	15—26 weeks	27—51 weeks	52 weeks or longer
Total							
Chicago.....	94	100.0	43.2	29.1	13.8	6.4	7.4
Detroit.....	77	100.0	43.4	25.1	16.2	6.1	9.2
New York.....	264	100.0	36.7	30.2	16.8	6.8	9.5
Philadelphia.....	84	100.0	30.1	27.0	18.2	9.3	15.3
Washington, D. C.....	24	100.0	30.6	41.3	16.4	8.3	3.4
* Men							
Chicago.....	57	100.0	39.3	26.2	17.2	8.5	8.7
New York.....	152	100.0	31.7	29.6	18.7	6.9	13.1
Philadelphia.....	52	100.0	22.3	23.9	20.8	12.8	20.2
Women							
New York.....	112	100.0	43.4	31.0	14.3	6.6	4.7
White (both sexes)							
New York.....	159	100.0	38.0	30.1	16.5	7.1	8.2
Black and other (both sexes)							
Chicago.....	51	100.0	47.0	25.1	11.2	5.3	11.4
Detroit.....	57	100.0	44.6	23.8	16.2	6.6	8.8
New York.....	105	100.0	34.7	30.2	17.3	6.3	11.5
Philadelphia.....	48	100.0	32.6	26.6	15.5	8.9	16.4

NOTE: Items may not add to totals because of rounding. Data for demographic groups are not shown when they do not meet BLS standards of reliability for the particular area, based on the sample in that area. See appendix B.

**Table 17. Unemployed persons by reason for unemployment in selected large Standard Metropolitan Statistical Areas by sex, 1979 annual averages**

Area	Total unemployed (in thousands)	Percent of total unemployed				
		Total	Job losers	Job leavers	Reentrants	New entrants
Total						
Baltimore.....	81	100.0	39.5	11.1	33.3	16.1
Boston(1).....	79	100.0	43.4	11.8	32.9	10.5
Buffalo.....	55	100.0	49.1	5.5	29.1	18.2
Chicago.....	180	100.0	38.1	14.9	33.2	13.3
Cleveland.....	53	100.0	44.4	14.8	27.8	13.0
Denver-Boulder(1).....	34	100.0	26.5	20.6	41.2	11.8
Detroit(1).....	172	100.0	46.9	10.5	32.7	9.9
Houston(1).....	56	100.0	25.0	21.4	37.5	16.1
Los Angeles-Long Beach.....	193	100.0	43.5	14.0	25.9	17.1
Nassau-Suffolk.....	79	100.0	41.8	8.9	30.4	19.0
New York(1).....	300	100.0	49.3	9.7	26.7	14.7
Newark(1).....	69	100.0	60.6	4.6	21.2	15.2
Philadelphia.....	163	100.0	45.1	10.4	31.1	14.0
Pittsburgh.....	66	100.0	48.5	12.1	25.8	13.6
St. Louis(1).....	68	100.0	43.9	10.6	25.8	16.7
San Diego.....	52	100.0	34.6	17.3	32.7	15.4
San Francisco-Oakland.....	97	100.0	49.5	14.4	23.7	12.4
Washington, D.C.(1).....	68	100.0	27.3	15.2	39.4	18.2
Men, 20 years and over						
Chicago.....	71	100.0	54.9	12.7	26.8	5.6
Detroit(1).....	72	100.0	76.5	10.3	13.2	1.5
Los Angeles-Long Beach.....	74	100.0	65.8	15.1	16.4	2.7
New York(1).....	136	100.0	64.1	12.2	18.3	5.3
Philadelphia.....	70	100.0	64.3	8.6	25.7	2.9
San Francisco-Oakland.....	47	100.0	70.2	10.6	14.9	4.3
Washington, D.C.(1).....	22	100.0	42.9	19.1	38.1	4.8
Women, 20 years and over						
Chicago.....	67	100.0	34.3	19.4	40.3	6.0
Detroit(1).....	62	100.0	27.6	10.3	55.2	8.6
Los Angeles-Long Beach.....	72	100.0	40.3	15.3	33.3	9.7
New York(1).....	116	100.0	46.4	8.2	37.3	9.1
Philadelphia.....	54	100.0	33.3	14.8	42.6	9.3
Washington, D.C.(1).....	27	100.0	25.9	18.5	40.7	14.8

<sup>1</sup> Data for these areas are based on 1970 geographic boundary definitions. Consequently, the number of unemployed may differ from data for the area shown in earlier tables. Area boundary definitions in 1970 and 1973 are shown in appendix C.

NOTE: Items may not add to 100.0 percent because of rounding. Data for demographic groups are not shown when they do not meet BLS standards of reliability for the particular area, based on the sample in that area. See appendix B.

## Section IV. Unemployment Estimates for States and Large Labor Market Areas

The tables that follow include monthly estimates of the labor force and unemployment for States and the District of Columbia and annual average unemployment rates for the 214 largest Labor Market Areas (LMA's). These estimates are produced for use in the administration of the Comprehensive Employment and Training Act of 1973, as amended, the Public Works and Economic Development Act of 1965, as amended, the Buy American Act (Executive Order 10582), and Defense Manpower Policy No. 4A.

The data are the product of a Federal-State cooperative program in which State employment security agencies prepare labor force and unemployment estimates under concepts, definitions, and technical procedures established by the Bureau of Labor Statistics.

For 10 large States and 2 large areas, the size of the CPS sample is sufficient to obtain monthly estimates meeting BLS reliability standards (table 18). Statistics derived from State unemployment insurance (UI) operations, adjusted using factors obtained from the CPS and other sources, are used to calculate estimates for the other 40 States, the District of Columbia, and for LMA's (tables 19 and 20). The estimating method is described briefly below and in greater detail in appendix D.

In the 10 largest States (California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, Ohio, Pennsylvania, and Texas) and two areas (New York City and the Los Angeles-Long Beach SMSA), the monthly estimates are taken directly from the CPS. These State and area estimates meet BLS standards of reliability (10-percent coefficient of variation on the level of unemployment at a 6-percent rate of unemployment at one standard error). In the remaining 40 States and the District of Columbia, a 6-month moving average adjustment (using CPS and UI-based data for the State) is applied to the UI-based estimates to bring the State estimate into conformity with national definitions of employment and unemployment. Estimates for the Labor Market Areas (except for Los Angeles-Long Beach) are obtained from the UI-based estimates adjusted to the State total for employment and unemployment, using the methods in appendix D.

Once each year, the monthly employment and unemployment estimates for the 10 large States and two large areas are revised to be consistent with new population estimates. The UI-based estimates in the remaining States and the District of Columbia are adjusted or "benchmarked" to annual averages obtained from the CPS. Estimates for areas within the States are then adjusted so that the sub-State components add to the statewide totals. The LMA estimates in the following tables have been benchmarked to State totals from the 1978 and 1979 CPS annual averages for each State. An explanation of the technical procedures and the benchmarking process under which these estimates are produced also appears in appendix D.

Monthly estimates for the States and LMA's shown here are published as table E-1 in *Employment and Earnings*, and as a monthly BLS news release, *State and Metropolitan Area Unemployment*. Estimates for smaller LMA's, all counties, cities of 25,000 population or more, and other jurisdictions for administrative purposes (prime sponsors, program agents, etc.) are also published monthly through the National Technical Information Service of the U.S. Department of Commerce. However, because of the small size of many of the areas, as well as the limitations of the data inputs, users are cautioned that the data in the following two publications should be used only to fulfill the program needs for which the estimates were developed: *State, County, and Selected City Employment and Unemployment*, and *CETA Area Employment and Unemployment*, both available in either printed form or microfiche from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161.

*CETA Area Employment and Unemployment* includes an appendix showing data mandated under the 1978 Amendments to the CETA Act of 1973 and under Defense Manpower Policy No. 4A which require that BLS publish CPS-based data for the 30 large metropolitan areas shown in section III, in addition to estimates for the same areas based on the Federal-State Cooperative Program shown in this section.



**Table 18. Monthly CPS unemployment rates for 10 large States, 1970-79<sup>1</sup>**

(Not seasonally adjusted)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
CALIFORNIA													
1970.....	6.1	7.0	6.5	5.8	6.1	7.3	7.7	6.9	7.8	7.6	8.6	8.6	7.3
1971.....	10.1	10.4	8.8	9.0	8.1	8.0	9.4	8.9	8.4	8.2	8.2	7.7	8.8
1972.....	8.4	8.4	8.2	7.6	7.4	8.1	7.6	7.3	6.8	7.5	7.3	6.7	7.6
1973.....	7.9	8.3	7.6	7.4	6.6	5.8	6.7	7.5	6.2	6.0	6.3	6.4	7.0
1974.....	7.6	7.8	7.0	6.6	6.0	7.2	7.9	6.8	7.3	7.0	7.7	8.6	7.3
1975.....	10.4	10.4	10.3	9.9	9.5	10.2	10.3	9.3	9.6	9.0	9.6	9.8	9.9
1976.....	10.8	9.7	9.2	8.7	7.3	8.6	9.6	9.0	8.9	9.1	9.9	8.9	9.2
1977.....	9.8	9.1	8.7	8.6	7.9	8.5	8.6	7.9	7.6	7.3	7.9	6.9	8.2
1978.....	7.9	8.2	8.0	7.2	7.0	7.2	8.1	7.0	6.4	5.9	6.0	6.3	7.1
1979.....	7.2	7.0	6.7	6.2	5.6	5.9	6.2	6.3	6.1	5.8	5.7	6.0	6.2
FLORIDA													
1970.....	3.9	3.3	3.4	3.5	3.1	4.6	4.7	5.1	5.8	4.9	5.3	4.1	4.3
1971.....	5.0	4.7	4.4	5.3	4.5	5.5	5.1	5.8	4.6	4.5	5.6	3.9	4.9
1972.....	4.8	5.2	5.1	4.5	4.0	5.9	5.5	6.2	5.1	6.1	4.6	4.2	5.1
1973.....	4.9	4.0	3.4	4.1	4.3	4.6	4.3	5.3	4.7	3.5	4.2	4.0	4.3
1974.....	5.3	5.6	5.4	4.7	4.6	5.9	6.9	5.8	7.1	7.4	7.7	8.4	6.2
1975.....	10.7	10.2	9.8	10.6	11.4	11.6	10.5	10.7	11.5	11.2	10.2	9.7	10.7
1976.....	10.2	9.9	9.2	8.8	7.9	9.2	8.3	8.6	9.0	8.6	9.8	8.6	9.0
1977.....	9.4	10.0	8.9	8.1	8.2	9.6	7.6	7.3	7.7	7.7	7.6	6.9	8.2
1978.....	7.5	6.1	6.3	6.1	6.2	6.6	6.8	6.6	7.6	7.0	6.2	6.4	6.6
1979.....	7.5	5.8	5.8	5.3	5.1	6.0	6.6	6.1	6.5	6.3	5.9	5.2	6.0
ILLINOIS													
1970.....	3.4	3.8	3.5	2.8	2.8	3.9	3.7	3.6	4.8	4.0	3.5	3.9	3.6
1971.....	5.4	5.8	4.9	4.6	4.4	5.6	5.1	4.7	4.6	5.3	5.7	5.4	5.1
1972.....	6.0	6.4	6.0	4.8	4.5	5.4	4.7	5.6	5.3	4.5	4.2	4.3	5.1
1973.....	4.1	4.8	4.4	4.8	3.7	4.6	4.6	3.5	4.6	3.6	3.1	3.7	4.1
1974.....	4.8	4.3	4.1	3.4	3.4	4.9	3.9	4.3	6.4	3.5	4.8	5.1	4.2
1975.....	8.2	7.4	7.7	7.0	7.4	7.8	8.1	6.4	6.7	6.7	4.8	6.0	7.1
1976.....	6.8	7.3	6.8	5.9	5.8	7.9	7.2	6.9	6.1	6.4	5.7	5.7	7.1
1977.....	7.0	6.6	6.2	5.4	4.9	7.4	6.5	6.3	5.8	6.0	6.3	5.6	6.5
1978.....	7.5	7.1	6.7	5.5	6.1	6.2	6.4	6.0	5.1	5.3	5.2	5.7	6.1
1979.....	5.7	5.7	6.0	5.2	4.7	6.0	5.1	4.6	5.7	5.5	5.5	6.2	5.5
MASSACHUSETTS													
1970.....	3.7	4.1	4.3	4.6	3.8	3.9	3.8	4.3	5.2	5.1	6.3	6.0	4.6
1971.....	8.0	7.1	7.2	6.4	5.4	6.7	6.1	7.1	6.9	5.6	6.5	6.8	6.6
1972.....	8.0	6.9	7.1	5.7	5.6	6.4	7.1	5.6	6.5	6.6	6.4	5.7	6.4
1973.....	6.9	7.3	7.9	6.3	5.7	6.0	5.4	5.7	6.4	6.7	8.5	7.2	6.7
1974.....	7.8	8.3	6.5	5.3	6.5	6.6	7.4	6.8	7.4	6.8	7.3	8.7	7.2
1975.....	10.9	11.7	10.7	11.3	11.6	12.1	11.7	11.1	11.5	10.5	10.5	10.4	11.2
1976.....	12.3	11.3	10.9	9.9	9.8	9.0	9.1	9.5	8.6	7.8	8.6	7.5	9.5
1977.....	10.2	9.7	8.7	9.0	6.6	7.7	7.8	9.1	9.1	6.6	6.9	5.9	8.1
1978.....	7.5	7.1	6.2	5.7	5.4	6.9	6.3	6.7	5.8	4.3	5.2	5.7	6.1
1979.....	7.5	6.6	6.7	5.3	5.0	5.1	5.0	4.7	6.4	4.4	4.8	5.1	5.5
MICHIGAN													
1970.....	5.4	5.8	6.0	6.1	5.8	6.3	8.2	7.3	6.7	7.3	7.7	7.6	6.7
1971.....	8.5	8.7	8.9	7.6	6.5	7.7	8.4	7.1	7.0	7.1	6.5	7.7	7.6
1972.....	7.9	8.0	8.2	8.0	7.7	8.0	8.2	6.4	6.6	5.0	5.4	4.8	7.0
1973.....	7.1	7.8	6.8	5.5	5.2	5.7	6.2	5.3	4.3	4.7	5.2	5.9	5.9
1974.....	5.8	7.3	8.4	7.2	6.7	7.0	7.5	7.0	7.1	6.6	8.5	9.9	7.4
1975.....	13.7	14.5	14.9	13.6	12.3	14.2	13.1	11.7	11.1	10.0	9.8	10.8	12.5
1976.....	10.3	10.7	10.6	10.0	9.3	9.9	9.6	9.3	8.4	7.5	8.4	8.3	9.4
1977.....	8.9	9.8	9.7	7.3	7.4	8.4	8.8	9.2	7.5	6.5	7.7	7.0	8.2
1978.....	8.1	7.2	7.2	6.6	6.6	7.0	7.3	8.0	5.8	5.5	6.6	6.7	6.9
1979.....	8.0	8.2	8.0	8.6	7.2	7.2	7.7	7.5	7.2	7.2	7.9	8.5	7.8
NEW JERSEY													
1970.....	4.3	4.1	3.8	3.8	3.9	4.1	4.9	4.4	5.2	5.2	5.1	6.2	4.6
1971.....	6.9	5.8	5.7	5.4	5.0	5.9	6.2	5.8	5.2	4.9	5.5	6.2	5.7
1972.....	6.5	6.0	6.5	6.1	4.9	5.5	5.5	4.9	6.0	6.2	5.4	5.7	5.8
1973.....	6.8	7.4	6.6	4.7	5.8	5.4	6.0	5.2	4.7	4.2	5.0	5.2	5.6
1974.....	6.8	6.6	6.3	5.3	4.7	6.3	6.4	5.8	6.4	6.4	7.2	7.7	6.3
1975.....	10.5	10.6	11.4	11.1	11.3	12.3	10.8	9.5	8.6	8.8	8.7	9.3	10.2
1976.....	10.8	10.5	10.4	9.1	9.3	10.7	11.3	10.5	10.9	10.4	10.8	10.4	10.4
1977.....	11.4	11.5	10.3	10.1	8.6	9.2	9.1	9.5	9.2	8.9	7.9	6.9	9.4
1978.....	7.8	8.3	7.1	7.2	7.3	7.6	7.9	6.7	7.1	6.2	6.1	6.9	7.2
1979.....	7.5	8.3	7.2	5.7	7.1	7.1	7.9	7.2	6.2	6.3	6.6	6.0	6.9

See footnote at end of table.

**Table 18. Continued—Monthly CPS unemployment rates for 10 large States, 1970-79<sup>1</sup>**

(Not seasonally adjusted)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
<b>NEW YORK</b>													
1970....	3.6	4.0	4.1	3.8	4.0	4.3	5.0	4.3	4.6	4.8	5.4	5.6	4.5
1971....	6.0	6.9	6.6	6.8	6.3	6.9	7.1	6.5	6.2	6.3	6.4	6.7	6.6
1972....	7.3	7.7	7.5	6.8	6.4	6.8	6.8	6.6	6.7	5.9	5.8	6.0	6.7
1973....	5.9	6.1	5.5	5.1	4.8	5.6	5.6	5.3	5.5	5.0	5.3	5.6	5.4
1974....	6.4	6.3	6.8	5.7	5.3	6.5	6.5	5.7	6.5	6.3	7.2	7.3	6.4
1975....	8.9	9.3	9.6	8.7	8.6	9.5	9.7	9.8	9.8	9.6	10.4	10.2	9.5
1976....	11.2	11.5	9.8	10.1	9.0	10.4	11.1	9.8	9.5	10.0	10.4	10.1	10.3
1977....	11.0	10.6	10.1	9.2	8.9	8.7	8.7	8.0	8.9	8.3	9.1	8.1	9.1
1978....	8.8	8.9	8.2	7.5	7.5	7.3	7.6	7.3	7.7	7.9	7.2	6.6	7.7
1979....	7.7	7.4	7.7	6.7	5.9	6.9	7.4	7.3	7.5	7.1	6.9	7.0	7.1
<b>OHIO</b>													
1970....	3.9	5.4	4.8	4.8	4.9	6.3	4.9	5.4	4.7	4.9	6.7	6.3	5.4
1971....	7.2	7.0	6.6	5.6	5.2	6.9	6.5	7.0	6.9	6.6	6.1	6.0	6.5
1972....	6.7	6.6	7.2	5.8	5.7	5.9	5.1	5.0	5.0	4.4	4.3	4.8	5.5
1973....	5.2	5.1	4.7	4.5	3.8	4.7	4.2	4.4	4.1	3.2	3.5	3.7	4.3
1974....	4.9	5.3	4.6	4.5	3.8	5.4	4.5	4.2	4.8	5.0	4.6	5.9	4.8
1975....	8.2	9.7	10.4	9.4	9.0	10.4	10.0	9.4	9.0	7.5	7.9	8.1	9.1
1976....	9.4	9.2	9.5	8.1	7.0	7.6	6.5	7.5	6.7	7.5	7.4	7.4	7.8
1977....	7.5	9.4	8.2	6.2	5.4	7.1	6.1	5.0	6.1	5.5	6.1	5.1	6.5
1978....	6.1	6.3	6.1	5.6	5.1	5.4	5.3	5.2	5.4	4.7	4.9	4.8	5.4
1979....	6.6	6.5	6.0	5.5	4.9	5.8	6.6	6.9	5.5	5.9	5.3	5.2	5.9
<b>PENNSYLVANIA</b>													
1970....	4.0	3.7	4.5	3.7	3.6	5.5	4.8	4.0	5.0	4.6	4.8	5.2	4.5
1971....	6.0	6.2	5.6	4.8	4.3	5.8	5.3	5.6	5.4	5.3	5.1	5.7	5.4
1972....	6.8	6.1	5.6	5.0	4.7	7.2	5.9	5.3	5.2	5.4	4.4	3.9	5.4
1973....	4.8	5.2	5.4	5.3	4.2	5.7	5.0	4.2	4.7	4.5	4.4	4.4	4.8
1974....	5.6	5.4	4.7	3.9	4.1	5.7	4.9	4.8	4.8	5.3	6.0	6.3	5.1
1975....	8.7	9.4	9.1	8.1	8.5	8.7	8.1	8.9	7.7	8.2	7.3	7.2	8.3
1976....	8.4	9.0	9.0	8.4	7.5	8.7	7.9	7.4	7.0	7.1	6.9	7.9	7.9
1977....	8.8	9.7	8.8	7.0	6.4	8.1	7.4	7.6	7.6	7.1	6.7	7.3	7.7
1978....	7.9	7.6	7.9	6.9	5.8	6.6	7.3	6.5	7.1	6.9	6.6	6.0	6.9
1979....	7.1	7.5	7.8	6.2	5.6	7.2	6.3	7.0	6.7	7.9	6.9	6.6	6.9
<b>TEXAS</b>													
1970....	3.2	3.6	3.9	3.9	3.4	6.1	5.5	5.0	4.6	4.5	4.7	4.8	4.4
1971....	5.6	5.6	5.0	4.4	4.7	6.2	4.9	4.6	4.7	4.8	4.4	4.6	5.0
1972....	5.6	5.3	4.2	3.7	4.0	5.3	4.7	4.5	4.3	4.0	4.5	4.1	4.5
1973....	4.1	4.0	4.4	3.6	3.6	4.7	4.8	4.1	3.7	3.1	3.6	2.9	3.9
1974....	4.3	4.6	3.7	3.3	3.5	4.8	4.3	4.8	4.8	4.6	4.7	4.1	4.3
1975....	6.0	5.2	5.3	5.1	5.5	6.3	5.9	5.4	5.8	5.3	5.8	5.3	5.6
1976....	6.0	5.8	5.9	5.1	5.6	7.0	6.1	6.2	5.8	5.2	4.8	5.4	5.7
1977....	6.6	5.4	5.3	4.9	4.1	5.7	5.5	5.4	5.5	5.2	5.0	4.7	5.3
1978....	5.5	5.4	4.7	3.9	4.2	5.2	5.2	5.1	4.8	4.3	4.8	4.7	4.8
1979....	4.4	4.5	3.8	3.9	4.2	4.8	4.7	4.6	4.0	3.8	4.3	3.6	4.2

<sup>1</sup> Monthly estimates for these States are taken directly from the Current Population Survey.

**Table 19. Monthly unemployment rates for 40 States and the District of Columbia, 1976-79, from the Federal-State Cooperative Program<sup>1</sup>**

(Not seasonally adjusted)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
ALABAMA													
1976....	7.3	7.2	7.0	6.5	6.4	7.2	6.8	6.4	6.5	6.6	6.8	6.7	6.8
1977....	7.9	8.6	7.9	7.2	7.1	7.7	8.0	7.3	7.0	6.8	7.1	6.7	7.4
1978....	7.5	6.9	6.8	5.8	5.7	6.6	7.1	6.2	5.8	5.8	5.8	6.3	6.3
1979....	6.8	7.1	7.2	6.6	6.7	7.8	8.0	7.2	7.2	6.9	6.9	7.2	7.1
ALASKA													
1976....	10.4	10.0	10.2	8.6	8.6	8.3	6.9	6.8	6.6	7.5	8.7	9.0	8.0
1977....	10.3	10.9	10.4	9.8	9.2	8.0	7.8	7.3	7.1	8.6	10.3	11.3	9.4
1978....	12.3	11.9	12.6	11.9	12.0	11.1	10.2	9.7	9.3	10.1	10.9	11.0	11.2
1979....	11.2	11.3	10.8	9.9	8.9	8.8	7.8	7.1	6.6	7.5	8.5	9.0	9.2
ARIZONA													
1976....	11.9	11.5	11.1	10.1	9.5	10.2	9.9	9.2	8.6	8.8	8.7	8.6	9.8
1977....	9.3	9.1	9.0	8.3	8.0	8.4	8.0	8.3	8.1	7.7	7.4	6.9	8.2
1978....	7.2	7.1	6.6	5.9	5.8	6.7	6.4	5.8	5.7	5.2	5.6	5.3	6.1
1979....	5.6	5.2	4.8	4.6	4.4	5.6	5.3	5.0	4.8	4.7	5.1	5.2	5.1
ARKANSAS													
1976....	9.0	8.5	7.8	6.9	6.4	7.2	6.9	6.5	5.9	6.1	6.9	7.4	7.1
1977....	9.1	8.3	7.2	6.4	6.0	6.2	6.2	5.6	5.4	5.8	6.3	6.9	6.6
1978....	7.4	7.2	6.3	5.5	5.5	6.0	6.1	5.5	5.6	5.9	7.2	7.7	6.3
1979....	8.2	7.9	6.7	6.1	5.4	6.1	5.5	5.5	5.3	5.3	6.0	6.6	6.2
COLORADO													
1976....	6.8	6.3	6.7	5.6	5.1	5.7	5.9	5.4	5.4	5.2	6.1	5.9	5.9
1977....	6.3	7.2	7.2	6.7	6.1	6.2	6.1	5.8	5.7	5.8	6.0	6.1	6.2
1978....	6.7	5.9	6.2	5.6	5.4	5.6	5.2	5.0	5.0	4.9	5.2	5.5	5.5
1979....	5.4	5.1	5.0	4.9	4.7	4.9	4.7	4.4	4.4	4.5	4.5	4.9	4.8
CONNECTICUT													
1976....	11.0	10.6	10.1	9.7	9.3	9.7	9.6	9.6	9.0	8.3	8.2	8.0	9.5
1977....	9.0	8.7	8.4	7.5	7.0	7.2	7.2	6.6	6.0	5.8	5.8	5.7	7.0
1978....	6.3	6.3	6.1	5.5	5.2	5.2	5.2	5.0	4.4	4.3	4.3	4.7	5.2
1979....	5.6	5.7	5.5	5.2	4.8	5.3	5.5	4.9	4.7	4.7	4.8	5.0	5.1
DELAWARE													
1976....	9.6	9.2	8.9	8.3	8.8	8.5	8.8	9.0	8.5	8.7	9.2	8.9	8.9
1977....	9.9	13.2	9.9	8.8	8.1	7.9	8.0	7.9	6.9	7.0	7.4	7.6	8.4
1978....	8.0	9.8	8.1	7.0	6.7	7.5	7.6	8.9	6.7	6.9	7.3	8.0	7.6
1979....	8.9	9.7	8.7	7.8	7.1	7.7	7.8	8.1	6.8	6.9	9.1	7.4	8.0
DISTRICT OF COLUMBIA													
1976....	9.2	9.0	9.1	8.6	8.8	9.7	9.3	9.1	9.1	9.1	9.1	8.7	9.1
1977....	9.2	10.3	10.1	9.9	9.8	11.0	10.3	10.1	9.6	9.5	9.2	9.2	9.7
1978....	9.4	9.4	9.1	8.5	8.4	9.2	8.8	8.4	7.7	7.8	7.7	7.6	8.5
1979....	7.9	7.8	7.7	7.3	7.3	8.2	7.8	7.6	7.2	7.1	7.1	6.9	7.5
GEORGIA													
1976....	9.4	9.2	8.7	7.9	7.9	8.6	8.2	7.9	7.5	7.4	7.3	7.0	8.1
1977....	7.2	7.4	6.5	6.9	6.9	7.6	7.5	6.9	6.5	6.6	6.6	6.1	6.9
1978....	6.5	5.7	5.5	5.4	5.3	6.0	5.9	6.2	5.6	5.3	5.5	5.3	5.7
1979....	5.4	5.3	5.0	4.8	4.7	5.4	5.3	5.2	5.0	5.0	5.0	5.1	5.1
HAWAII													
1976....	9.7	10.0	10.3	9.7	9.8	10.1	9.9	10.2	10.0	9.9	9.7	8.7	9.8
1977....	8.4	7.7	7.5	6.8	6.8	7.3	7.0	6.6	7.4	8.0	8.2	7.5	7.3
1978....	8.0	7.7	7.9	7.5	7.9	8.4	8.2	7.7	7.9	7.9	7.3	6.6	7.7
1979....	6.8	6.4	6.0	6.3	6.4	7.0	6.3	6.0	5.9	6.1	6.4	5.6	6.3
IDAHO													
1976....	6.9	7.2	6.8	6.0	5.3	5.8	5.5	5.3	4.6	4.3	5.2	6.1	5.7
1977....	7.9	8.0	7.2	6.3	5.5	5.3	5.2	5.5	5.0	4.3	5.2	6.0	5.9
1978....	7.0	6.7	6.4	5.9	5.0	5.2	5.1	5.5	4.9	4.4	5.4	6.6	5.7
1979....	8.6	7.9	7.0	6.2	5.1	4.8	4.8	5.0	4.5	4.0	4.6	6.1	5.7
INDIANA													
1976....	8.3	8.0	7.3	6.3	5.7	6.1	5.6	5.1	4.9	5.1	5.1	5.5	6.1
1977....	7.0	7.6	6.1	5.3	5.0	5.7	5.5	4.9	4.9	5.0	5.5	6.2	5.7
1978....	6.6	7.0	6.2	5.5	5.2	5.8	5.8	5.2	5.0	4.9	4.9	6.0	5.7
1979....	6.5	6.5	6.1	6.1	5.5	6.4	6.7	6.6	6.0	6.2	6.5	7.7	6.4
IOWA													
1976....	5.2	5.1	4.8	3.9	3.5	4.0	3.8	3.4	3.1	3.2	3.5	4.1	4.0
1977....	5.2	5.2	4.8	3.8	3.6	3.8	3.9	3.7	3.2	3.3	3.7	4.3	4.0
1978....	5.0	5.1	4.7	3.9	3.6	3.9	3.8	3.5	3.2	3.2	3.6	4.6	4.0
1979....	5.6	5.5	5.0	4.4	3.7	4.1	4.0	3.4	3.1	3.1	3.4	4.2	4.1
KANSAS													
1976....	4.9	4.7	4.3	4.0	3.8	4.4	4.4	4.1	3.9	3.9	4.1	4.2	4.2
1977....	5.0	4.8	4.3	3.8	3.7	4.2	4.1	3.9	3.8	3.6	3.7	3.4	4.1
1978....	3.8	3.9	3.3	2.6	2.6	3.0	2.9	2.9	2.7	2.6	3.0	3.0	3.1
1979....	3.9	3.7	3.2	3.0	3.0	3.5	3.7	3.2	3.1	3.1	3.0	3.6	3.4

See footnotes at end of table.



**Table 19. Continued—Monthly unemployment rates for 40 States and the District of Columbia, 1976-79, from the Federal-State Cooperative Program<sup>1</sup>**

(Not seasonally adjusted)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
KENTUCKY													
1976....	7.2	7.5	6.8	5.3	5.0	5.7	5.2	5.2	4.7	4.6	4.9	5.1	5.6
1977....	5.8	6.3	5.2	4.1	3.5	4.2	3.8	4.1	3.9	4.3	4.8	5.7	4.7
1978....	7.3	7.7	5.8	4.5	4.4	4.8	5.5	5.1	4.4	4.4	4.5	5.1	5.2
1979....	7.3	6.9	5.9	5.1	4.5	5.3	5.9	5.4	4.8	5.1	5.2	5.8	5.6
LOUISIANA													
1976....	7.0	6.9	6.5	6.9	6.8	7.5	7.3	6.9	6.4	6.5	6.8	6.2	6.8
1977....	7.3	7.4	7.0	6.6	6.5	7.1	7.0	6.7	6.7	6.8	7.0	7.2	7.0
1978....	7.2	7.2	7.0	6.9	7.1	8.0	7.3	6.9	6.6	6.5	6.4	6.6	7.0
1979....	7.1	6.9	6.6	6.5	6.6	7.5	7.1	6.5	6.4	6.3	6.3	6.2	6.7
MAINE													
1976....	11.2	10.9	10.4	9.5	8.1	8.3	9.6	7.4	7.0	7.6	8.2	9.0	8.9
1977....	10.1	10.0	9.9	9.1	7.9	8.1	9.5	7.1	6.6	7.0	7.2	7.5	8.4
1978....	7.9	7.4	6.9	6.3	5.6	5.5	6.9	5.2	5.0	5.3	5.5	6.3	6.1
1979....	7.5	7.7	7.9	7.4	7.0	7.0	8.9	6.5	6.3	6.4	6.3	7.0	7.2
MARYLAND													
1976....	6.9	6.4	6.3	6.1	5.0	5.2	7.4	7.1	7.2	7.1	7.9	8.0	6.8
1977....	6.8	7.7	6.7	5.8	5.6	5.8	5.9	5.6	5.3	5.8	5.8	6.1	6.1
1978....	6.3	6.5	6.1	5.3	5.1	5.9	5.8	5.2	4.8	5.0	5.3	6.1	5.6
1979....	6.4	6.9	5.8	5.4	5.2	5.9	5.9	6.0	5.4	5.5	5.8	6.4	5.9
MINNESOTA													
1976....	7.7	7.3	7.3	6.3	5.4	5.8	5.5	5.0	4.9	4.8	5.2	5.9	5.9
1977....	6.8	6.7	6.4	5.5	4.7	5.0	4.8	4.4	4.0	3.9	4.1	5.1	5.1
1978....	5.2	4.9	4.5	3.8	3.5	3.8	3.5	3.1	2.9	2.8	3.6	4.2	3.8
1979....	5.1	4.9	4.8	4.6	3.9	4.0	3.8	3.5	3.3	3.3	4.1	4.9	4.2
MISSISSIPPI													
1976....	7.1	7.0	6.7	5.7	5.9	7.0	6.7	6.2	5.9	6.3	6.7	7.2	6.6
1977....	7.6	8.0	7.5	6.9	7.0	7.7	7.4	7.0	7.0	7.1	7.5	7.6	7.4
1978....	7.2	7.4	7.2	6.5	6.7	8.3	8.0	7.6	6.5	6.1	6.1	6.4	7.1
1979....	6.9	6.8	6.0	5.3	5.1	6.1	6.0	5.5	5.2	5.1	5.3	6.2	5.8
MISSOURI													
1976....	7.7	7.2	6.7	6.1	5.7	6.3	6.4	5.8	5.4	5.5	5.7	6.3	6.2
1977....	7.8	7.1	6.2	5.3	5.4	6.0	6.0	5.8	5.2	5.1	5.2	5.7	5.9
1978....	6.3	6.6	5.7	4.8	4.6	5.1	5.2	5.2	4.3	4.2	4.2	4.5	5.0
1979....	5.8	5.6	4.6	4.2	3.8	4.3	4.2	4.5	4.2	4.2	4.4	4.8	4.5
MONTANA													
1976....	7.9	7.4	7.2	5.9	5.0	6.2	5.5	5.2	4.9	5.1	5.9	6.5	6.1
1977....	8.1	8.0	7.7	6.6	5.9	6.0	5.8	5.5	5.3	5.5	6.2	6.4	6.4
1978....	8.1	7.8	7.7	6.0	5.1	6.2	5.5	5.1	4.6	4.5	5.5	6.0	6.0
1979....	8.0	7.1	6.4	5.6	4.5	5.2	4.7	4.0	3.5	3.7	4.3	5.2	5.1
NEBRASKA													
1976....	4.5	4.6	4.3	2.9	2.8	3.3	3.0	2.8	2.7	2.7	3.1	3.4	3.3
1977....	4.2	4.3	4.3	3.4	3.3	3.6	3.4	3.4	3.4	3.6	3.8	4.0	3.7
1978....	4.3	4.4	4.1	2.4	2.3	2.8	2.5	2.3	2.4	2.4	2.5	3.4	2.9
1979....	3.7	3.5	3.3	2.7	2.8	3.4	3.0	2.7	2.9	2.8	2.9	3.7	3.2
NEVADA													
1976....	10.8	10.7	9.9	9.0	8.4	8.5	8.4	8.1	8.0	8.1	8.3	8.7	9.0
1977....	9.5	8.9	8.4	7.8	7.2	7.4	6.8	6.7	6.1	5.9	5.8	5.8	7.0
1978....	6.1	5.5	4.9	4.3	4.1	4.2	4.1	3.7	3.9	3.9	4.2	4.7	4.4
1979....	5.2	5.1	4.9	4.9	4.9	5.6	5.3	5.0	4.8	4.9	4.9	5.0	5.1
NEW HAMPSHIRE													
1976....	8.1	7.8	7.4	7.2	6.0	6.3	7.2	5.5	5.0	5.1	5.5	6.1	6.4
1977....	7.3	7.1	6.8	6.0	5.5	6.1	6.3	5.0	4.8	5.0	4.8	5.7	5.9
1978....	4.8	4.5	3.9	3.5	3.1	3.9	4.1	3.1	3.3	3.7	3.5	3.9	3.8
1979....	3.5	3.3	3.1	2.9	2.8	3.1	3.8	2.8	2.8	3.0	3.0	3.9	3.1
NEW MEXICO													
1976....	10.1	10.4	10.2	9.0	8.6	9.7	9.3	8.9	8.5	8.9	8.7	8.4	9.1
1977....	9.7	9.5	9.1	8.0	7.4	7.7	7.8	7.4	6.7	6.7	6.5	6.5	7.8
1978....	6.5	6.2	5.8	5.3	5.2	6.1	5.5	5.3	5.4	5.5	5.8	5.8	5.8
1979....	7.0	6.8	6.5	6.2	6.2	7.2	6.5	6.2	6.2	6.5	6.3	6.6	6.6
NORTH CAROLINA													
1976....	7.3	6.9	6.5	5.8	5.7	6.1	6.5	5.6	5.9	6.0	6.1	6.2	6.2
1977....	7.8	7.1	6.9	6.1	5.8	6.1	6.6	5.3	4.9	4.8	5.1	6.7	5.9
1978....	6.4	5.0	4.3	4.3	4.1	4.2	4.8	3.6	3.6	3.6	3.8	4.4	4.3
1979....	4.9	4.9	4.5	4.5	4.6	5.1	5.4	4.6	4.8	4.8	4.7	4.8	4.8
NORTH DAKOTA													
1976....	4.3	4.5	4.3	3.6	2.9	3.5	2.9	2.9	2.6	2.9	4.1	4.5	3.6
1977....	5.8	6.0	6.2	5.1	4.4	4.8	4.2	4.1	3.6	3.8	4.9	5.7	4.8
1978....	7.3	6.3	5.8	5.1	3.9	4.9	4.3	3.8	3.3	3.2	4.7	5.1	4.6
1979....	6.1	5.6	4.8	4.3	3.5	3.3	2.9	2.3	2.1	2.1	3.3	3.9	3.7

See footnote at end of table.



**Table 19. Continued—Monthly unemployment rates for 40 States and the District of Columbia, 1976-79, from the Federal-State Cooperative Program<sup>1</sup>**

(Not seasonally adjusted)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ann. Avg.
OKLAHOMA													
1976....	6.7	6.5	6.1	5.6	5.3	5.7	5.7	5.4	5.1	5.1	5.1	5.0	5.6
1977....	5.7	5.7	5.4	5.2	5.5	5.6	4.9	4.8	4.6	4.4	4.3	4.1	5.0
1978....	4.4	5.1	4.0	3.7	3.7	4.0	3.9	3.5	3.4	3.5	3.7	3.6	3.9
1979....	4.2	4.1	3.4	3.5	3.1	3.5	3.5	3.1	3.2	3.1	3.3	3.5	3.4
OREGON													
1976....	12.5	11.8	11.5	10.4	9.4	9.4	9.2	8.3	7.8	7.7	8.4	8.5	9.5
1977....	9.7	9.5	8.9	7.9	7.3	7.0	6.7	6.4	6.0	5.8	6.3	6.7	7.4
1978....	7.5	7.2	6.6	6.2	5.7	5.6	5.5	5.1	5.2	5.3	6.3	6.4	6.0
1979....	8.3	7.8	7.4	7.1	6.6	6.4	6.3	6.1	5.8	5.8	6.8	7.6	6.8
RHODE ISLAND													
1976....	10.3	9.8	9.1	8.2	7.4	7.7	8.3	7.7	7.0	7.0	7.1	7.7	8.1
1977....	9.6	9.8	9.7	9.0	8.7	8.9	10.2	8.7	7.8	7.1	7.0	7.3	8.6
1978....	8.1	8.7	7.6	6.7	6.0	6.5	7.1	6.7	5.9	5.6	5.6	6.3	6.6
1979....	7.3	7.5	6.8	6.7	5.9	7.0	8.0	6.8	5.8	5.8	5.8	6.6	6.6
SOUTH CAROLINA													
1976....	7.9	7.9	7.3	6.7	6.6	7.2	7.3	6.6	6.3	6.5	6.9	6.7	6.9
1977....	8.0	8.6	7.5	7.0	7.0	7.6	7.8	7.1	6.5	6.6	6.8	6.0	7.2
1978....	6.4	6.3	5.9	5.6	5.6	6.2	6.4	5.6	5.3	5.4	5.2	5.0	5.7
1979....	5.2	5.3	5.0	4.7	4.5	5.1	5.1	5.0	4.9	4.8	5.0	4.9	5.0
SOUTH DAKOTA													
1976....	4.5	4.4	4.2	3.2	3.1	3.5	3.4	2.9	2.9	3.2	3.2	3.8	3.4
1977....	4.6	4.2	4.0	3.0	2.7	3.2	3.1	2.6	2.3	2.3	2.6	3.3	3.3
1978....	4.6	3.7	3.4	2.6	2.4	3.2	3.1	2.8	2.2	2.4	2.6	3.8	3.1
1979....	5.0	4.3	4.2	3.9	3.1	4.0	3.3	2.9	2.6	2.6	3.0	3.9	3.5
TENNESSEE													
1976....	7.4	7.2	6.5	6.0	5.6	5.9	5.8	5.3	5.3	5.4	5.5	6.1	6.0
1977....	7.8	7.6	6.9	6.3	5.9	6.2	7.0	5.7	5.4	5.5	5.7	5.9	6.3
1978....	6.9	6.7	6.0	5.3	5.3	5.6	7.0	5.2	5.0	5.2	5.1	5.6	5.8
1979....	7.2	6.7	5.8	5.2	5.2	5.7	6.4	5.3	5.2	5.2	5.6	6.2	5.8
UTAH													
1976....	7.2	6.7	6.3	5.5	5.1	5.7	5.3	5.1	5.0	5.0	5.2	5.6	5.7
1977....	6.4	6.5	6.2	5.3	5.2	5.5	5.2	4.9	4.6	4.6	4.6	4.5	5.3
1978....	4.8	4.6	4.2	3.6	3.3	3.8	3.5	3.5	3.4	3.5	4.0	4.2	3.8
1979....	4.9	5.0	4.6	4.2	4.1	4.6	4.2	3.9	3.8	3.8	4.0	4.3	4.3
VERMONT													
1976....	10.3	10.2	10.1	9.7	8.9	9.3	8.4	8.0	7.5	7.4	7.9	8.0	8.7
1977....	8.6	8.6	8.2	7.7	6.9	6.9	6.5	6.2	5.9	6.1	6.7	6.9	7.0
1978....	7.3	7.2	6.9	6.7	6.0	6.4	5.9	5.2	4.5	4.5	5.0	5.5	5.7
1979....	6.1	5.9	5.5	5.7	4.7	5.0	4.8	4.6	3.9	3.9	4.8	5.2	5.1
VIRGINIA													
1976....	7.0	6.5	6.4	5.9	5.6	5.9	5.9	5.6	5.5	5.2	5.4	5.7	5.9
1977....	6.4	7.2	6.1	5.6	5.0	5.3	5.3	4.3	4.4	4.3	4.6	5.4	5.3
1978....	6.6	6.2	5.9	5.1	4.9	5.4	5.3	5.1	4.9	4.7	4.9	5.6	5.4
1979....	5.5	5.4	4.7	4.4	4.3	4.9	4.7	4.3	4.3	4.4	4.8	5.0	4.7
WASHINGTON													
1976....	10.3	9.8	9.6	8.9	8.0	8.2	8.4	8.1	7.7	7.6	8.3	8.7	8.7
1977....	10.0	10.3	10.1	9.3	8.9	8.8	9.0	8.6	7.7	7.4	7.6	7.7	8.8
1978....	8.8	8.2	7.6	6.9	6.6	6.7	6.3	6.2	5.9	5.8	6.5	7.1	6.8
1979....	8.1	7.6	6.8	6.8	6.3	6.5	6.6	6.2	6.0	6.3	6.8	7.3	6.8
WEST VIRGINIA													
1976....	9.4	9.1	8.3	7.4	6.7	7.1	7.6	7.1	6.3	6.4	6.9	7.5	7.5
1977....	9.3	12.6	8.3	7.0	5.6	5.5	6.3	6.0	5.8	5.5	5.8	7.8	7.1
1978....	9.8	10.0	8.6	5.2	4.8	4.6	6.1	6.1	6.0	4.7	5.2	6.1	6.3
1979....	8.6	8.6	7.0	6.6	6.1	6.4	7.3	5.7	5.6	6.0	6.3	7.4	6.7
WISCONSIN													
1976....	7.4	7.6	6.6	5.6	5.1	5.4	5.4	4.7	4.3	4.4	5.4	5.5	5.6
1977....	6.1	6.2	6.3	4.8	4.3	4.5	4.7	4.2	4.1	4.1	4.5	5.3	4.9
1978....	6.3	6.2	5.8	5.1	4.7	4.9	5.0	4.6	4.2	4.2	4.7	5.7	5.1
1979....	5.7	5.4	5.0	4.8	4.0	4.2	4.4	3.9	3.7	3.8	4.6	4.9	4.5
WYOMING													
1976....	5.2	5.1	4.8	4.3	3.6	3.8	3.4	3.1	3.0	3.3	4.1	4.0	4.1
1977....	4.9	4.7	4.0	3.7	3.2	3.4	3.0	2.7	3.0	3.2	4.1	3.9	3.6
1978....	4.1	4.0	3.5	3.2	3.0	3.2	3.1	2.8	3.1	2.9	4.0	3.5	3.3
1979....	3.8	3.2	2.9	2.6	2.2	2.6	2.3	2.2	2.3	2.4	3.0	3.2	2.8

<sup>1</sup> Monthly estimates for these States are obtained from the Federal-State Cooperative Program and adjusted to annual averages from the Current Population Survey.

**Table 20. Labor force and unemployment estimates for States and 214 large Labor Market Areas, 1978 and 1979 annual averages, from the Federal-State Cooperative Program**

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	1978 <sup>r</sup>	1979 <sup>p</sup>	1978 <sup>r</sup>	1979 <sup>p</sup>	1978 <sup>r</sup>	1979 <sup>p</sup>
ALABAMA	1,587.0	1,624.0	101.0	116.0	6.3	7.1
BIRMINGHAM	367.7	376.2	20.7	23.7	5.6	6.3
HUNTSVILLE	132.4	136.4	8.5	9.8	6.4	7.2
MOBILE	178.3	170.3	12.5	14.5	7.0	8.1
MONTGOMERY	115.8	118.8	6.4	6.9	5.6	5.8
TUSCALOOSA	51.6	51.6	3.5	3.1	6.8	6.1
ALASKA	181.0	180.0	20.0	16.0	11.2	9.2
ARIZONA	1,000.0	1,052.0	61.0	53.0	6.1	5.1
PHOENIX	603.1	642.5	31.8	28.1	5.3	4.4
TUCSON	180.1	188.8	10.1	8.2	5.6	4.4
ARKANSAS	918.0	955.0	58.0	59.0	6.3	6.2
PAYETTEVILLE-SPRINGDALE	70.9	74.8	3.6	3.4	5.1	4.5
FORT SMITH	82.2	85.2	5.5	6.2	6.7	7.5
LITTLE ROCK-NORTH LITTLE ROCK	176.4	183.3	8.7	7.9	4.9	4.3
PINE BLUFF	37.0	38.3	2.5	2.3	6.6	5.9
CALIFORNIA	10,646.0	10,968.0	756.0	684.0	7.1	6.2
ANAHEIM-SANTA ANA-GARDEN GROVE(1)	1,902.6	1,863.4	43.9	44.1	4.9	4.1
BAKERSFIELD	171.7	175.2	15.2	15.1	8.8	8.6
FRASNO	255.0	263.9	22.3	20.9	8.7	7.9
LOS ANGELES-LONG BEACH	3,445.0	3,496.0	236.0	193.0	6.8	5.5
MODESTO	127.3	131.6	16.0	14.9	12.6	11.3
OXFORD-SIMI VALLEY-VENTURA	214.6	221.6	17.0	16.5	7.9	7.5
RIVERSIDE-SAN BERNARDINO-ONTARIO(1)	549.8	570.7	38.5	37.6	7.0	6.6
SACRAMENTO	444.3	460.5	33.9	33.0	7.6	7.2
SALINAS SEASIDE-MONTEREY	125.6	129.1	10.5	10.4	8.3	8.1
SAN DIEGO(1)	697.9	728.5	48.5	45.7	6.9	6.3
SAN FRANCISCO-OAKLAND(1)	1,568.1	1,596.3	96.2	88.7	6.1	5.6
SAN JOSE(1)	662.5	705.6	39.2	35.7	5.9	5.1
SANTA BARBARA-SANTA MARIA-LOMPOC	140.6	144.9	9.1	8.4	6.5	5.8
SANTA ROSA	120.8	127.4	9.0	8.5	7.5	6.7
STOCKTON	157.3	161.7	17.5	15.9	11.1	9.8
VALLEJO-FAIRFIELD-NAPA	120.1	123.1	8.0	7.9	6.6	6.4
COLORADO	1,309.0	1,385.0	72.0	66.0	5.5	4.8
DENVER-DOLDER(1)	774.7	821.2	39.3	36.1	5.1	4.4
CONNECTICUT	1,519.0	1,581.0	79.0	81.0	5.2	5.1
BRIDGEPORT	185.5	192.4	10.3	10.3	5.6	5.4
HARTFORD	353.0	381.4	17.1	17.6	4.7	4.6
NEW BRITAIN	71.9	72.9	3.8	3.8	5.3	5.2
NEW HAVEN-WEST HAVEN	200.7	203.5	9.7	10.6	4.8	5.0
STAMFORD	115.2	120.2	4.9	4.7	4.2	3.9
WATERBURY	105.6	109.8	6.6	6.5	6.2	5.9
DELAWARE	273.0	275.0	21.0	22.0	7.6	8.0
WILMINGTON	237.4	243.6	17.2	18.1	7.3	7.4
DISTRICT OF COLUMBIA	330.0	320.0	28.0	24.0	8.5	7.5
WASHINGTON(1)	1,573.9	1,601.8	75.3	71.2	4.8	4.4
FLORIDA	3,711.0	3,835.0	246.0	230.0	6.6	6.0
FORT LAUDERDALE-HOLLYWOOD	385.6	404.4	25.2	21.6	6.5	5.4
JACKSONVILLE	298.3	298.0	17.4	16.6	5.8	5.6
MIAMI(1)	608.8	714.5	48.8	42.1	7.1	5.9
ORLANDO	292.2	307.8	18.6	17.9	6.4	5.8
PENSACOLA	107.4	107.9	6.1	6.3	5.7	5.9
TAMPA-ST. PETERSBURG	567.7	568.0	34.6	31.5	6.1	5.4
WEST PALM BEACH-BOCA RATON	210.4	222.5	15.0	14.3	7.1	6.4
GEORGIA	2,309.0	2,334.0	131.0	119.0	5.7	5.1
ALBANY	47.1	48.7	3.2	2.8	6.8	5.9
ATLANTA(1)	919.3	937.5	49.4	43.7	5.4	4.7
AUGUSTA	120.5	121.1	7.5	6.8	6.2	5.6
COLUMBIUS	85.4	85.3	5.5	5.8	6.4	6.8
MACON	100.8	97.4	6.3	5.5	6.8	5.7
SAVANNAH	88.3	87.1	5.4	5.0	6.1	5.7
HAWAII	400.0	399.0	31.0	25.0	7.7	6.3
HONOLULU	314.8	313.8	23.8	19.1	7.6	6.1
IDaho	407.0	422.0	23.0	24.0	5.7	5.7
BOISE CITY	84.5	89.0	2.9	3.6	3.4	4.1
ILLINOIS	5,324.0	5,332.0	323.0	293.0	6.1	5.5
BLOOMINGTON-NORMAL	N.A.	50.8	N.A.	2.2	N.A.	3.8
CHAMPAIGN-URBANA-RANTOUL	N.A.	75.6	N.A.	3.4	N.A.	4.3
CHICAGO(1)	N.A.	3,332.1	N.A.	173.9	N.A.	5.2
DAVENPORT-ROCK ISLAND-MOLINE	N.A.	181.9	N.A.	8.0	N.A.	4.4
DECATUR	N.A.	58.1	N.A.	4.5	N.A.	7.7
PEORIA	N.A.	169.6	N.A.	9.1	N.A.	5.4
ROCKFORD	N.A.	135.1	N.A.	7.2	N.A.	5.3
SPRINGFIELD	N.A.	94.3	N.A.	5.5	N.A.	5.8

See footnotes at end of table.

**Table 20. Continued—Labor force and unemployment estimates for States and 214 large Labor Market Areas, 1978 and 1979 annual averages, from the Federal-State Cooperative Program**

(Numbers in thousands)

State and area	Labor force		Unemployment			
	1978 <sup>r</sup>	1979 <sup>p</sup>	Number		Percent of labor force	
			1978 <sup>r</sup>	1979 <sup>p</sup>	1978 <sup>r</sup>	1979 <sup>p</sup>
INDIANA	2,577.0	2,610.0	146.0	167.0	5.7	6.4
ANDERSON	60.9	60.4	3.7	5.0	6.1	8.3
EVANSVILLE	144.1	144.0	6.9	7.5	4.8	5.2
FORT WAYNE	190.1	194.8	8.8	10.4	4.7	5.3
GARY-HAMMOND-EAST CHICAGO	288.8	295.4	16.5	19.5	5.7	6.6
INDIANAPOLIS(1)	578.5	590.9	29.5	32.2	5.1	5.4
LAFAYETTE-WEST LAFAYETTE	60.7	61.9	2.8	3.1	4.6	5.0
MUNCIE	56.1	56.2	4.2	4.1	7.5	7.3
SOUTH BEND	140.8	141.8	7.4	8.6	5.2	6.1
TERRE HAUTE	81.2	83.1	4.8	4.9	5.9	5.9
IOWA	1,425.0	1,432.0	57.0	59.0	4.0	4.1
CEDAR RAPIDS	84.7	87.6	2.9	3.2	3.4	3.7
DES MOINES	182.6	183.4	7.1	7.4	3.9	4.1
DUBUQUE	45.7	45.8	2.4	2.6	5.3	5.6
SIOUX CITY	57.5	55.2	3.4	3.9	5.9	7.0
WATERLOO-CEDAR FALL	67.9	69.1	3.2	3.2	4.7	4.7
KANSAS	1,159.0	1,198.0	35.0	40.0	3.1	3.4
TOPEKA	95.8	98.2	3.5	4.3	3.7	4.4
WICHITA	215.0	229.5	7.2	7.7	3.3	3.3
KENTUCKY	1,551.0	1,563.0	82.0	87.0	5.2	5.6
LEXINGTON-FAYETTE	160.4	166.2	5.4	5.7	3.4	3.4
LOUISVILLE	412.4	414.1	21.4	22.2	5.2	5.4
OWENSBORO	37.4	37.9	1.9	2.1	5.1	5.6
LOUISIANA	1,623.0	1,679.0	113.0	112.0	7.0	6.7
ALEXANDRIA	67.0	66.9	5.7	5.6	8.6	8.4
BATON ROUGE	201.3	204.7	13.2	13.7	6.6	6.7
LAFAYETTE	65.7	72.8	3.6	3.4	5.4	4.7
LAKE CHARLES	66.4	70.6	5.3	4.7	8.0	6.7
MONROE	52.3	53.3	3.9	4.0	7.4	7.6
NEW ORLEANS	463.2	471.9	29.7	28.0	6.4	5.9
SHREVEPORT	146.4	152.1	9.6	9.2	6.5	6.0
MAINE	473.0	489.0	29.0	35.0	6.1	7.2
LEWISTON-AUBURN	36.7	38.1	2.0	2.7	5.5	7.1
PORTLAND	84.3	87.3	4.1	4.7	4.9	5.4
MARYLAND	2,032.0	2,092.0	114.0	123.0	5.6	5.9
BALTIMORE(1)	1,026.1	1,049.8	64.1	58.9	6.3	6.6
MASSACHUSETTS	2,835.0	2,891.0	173.0	150.0	6.1	5.5
BOSTON(1)	1,375.9	1,406.2	80.4	73.9	5.8	5.3
BROCKTON	78.6	80.7	5.1	5.0	6.5	6.2
FALL RIVER	76.0	76.8	5.4	5.5	7.1	7.2
LAURENCE-HAVERHILL	137.7	138.8	9.0	9.0	6.6	6.5
LOWELL	115.4	118.2	7.4	6.5	6.4	5.5
NEW BEDFORD	31.1	30.7	6.9	6.3	8.5	7.8
SPRINGFIELD-CHICOPEE-HOLYOKE	276.4	276.3	14.6	13.3	5.3	4.8
WORCESTER	195.4	196.7	9.7	9.2	5.0	4.7
MICHIGAN	4,198.0	4,314.0	289.0	335.0	6.9	7.8
ANN ARBOR	136.1	142.7	7.4	8.4	5.4	5.9
BATTLE CREEK	80.7	80.3	5.4	5.5	6.6	6.8
BAY CITY	50.3	51.2	3.3	3.9	6.6	7.8
DETROIT(1)	2,013.1	2,048.0	132.3	160.7	6.6	7.8
FLINT	215.9	224.1	17.0	19.6	7.9	8.8
GRAND RAPIDS	294.6	308.8	14.6	16.6	5.0	5.4
JACKSON	65.7	69.5	3.8	4.9	5.8	7.1
KALAMAZOO-PORTAGE	128.4	133.5	7.4	7.6	5.8	5.7
LANSING-EAST LANSING	225.7	234.9	14.4	15.7	6.4	6.7
MUSKEGON-NORTON SHORES-MUSKEGON HEIGHTS	74.1	76.5	6.3	6.7	8.5	8.8
SAGINAW	99.2	103.3	5.6	7.8	5.6	7.5
MINNESOTA	2,003.0	2,063.0	76.0	86.0	3.8	4.2
DULUTH-SUPERIOR	116.1	117.5	6.5	6.8	5.6	5.8
MINNEAPOLIS-ST. PAUL(1)	1,055.3	1,098.3	32.6	36.4	3.1	3.3
MISSISSIPPI	969.0	987.0	68.0	57.0	7.1	5.8
JACKSON	139.0	146.3	7.0	5.7	5.0	3.9
MISSOURI	2,256.0	2,293.0	114.0	104.0	5.0	4.5
KANSAS CITY(1)	673.5	695.0	29.0	28.5	4.3	4.1
ST. JOSEPH	44.1	44.7	2.3	2.3	5.3	5.0
ST. LOUIS(1)	N.A.	1,094.7	N.A.	58.7	N.A.	5.4
SPRINGFIELD	99.4	103.1	4.1	3.8	4.2	3.7
MONTANA	367.0	370.0	22.0	19.0	6.0	5.1
BILLINGS	53.5	55.3	2.5	2.0	4.7	3.7
GREAT FALLS	34.3	34.1	2.4	2.1	7.0	6.2
NEBRASKA	772.0	772.0	23.0	24.0	2.9	3.2
LINCOLN	110.2	110.7	2.9	3.0	2.6	2.7
OMAHA	273.5	279.1	10.7	12.0	3.9	4.3
NEVADA	338.0	358.0	15.0	18.0	4.4	5.1
LAS VEGAS	181.4	195.8	8.8	11.2	4.9	5.7
RENO	98.6	105.0	3.0	3.7	3.1	3.6
NEW HAMPSHIRE	427.0	444.0	16.0	14.0	3.8	3.1
MANCHESTER	77.9	79.1	3.0	2.6	3.9	3.3
NASHUA	65.8	71.2	2.3	2.1	3.5	2.9

See footnotes at end of table.

**Table 20. Continued—Labor force and unemployment estimates for States and 214 large Labor Market Areas, 1978 and 1979 annual averages, from the Federal-State Cooperative Program**

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	1978 <sup>f</sup>	1979 <sup>p</sup>	1978 <sup>f</sup>	1979 <sup>p</sup>	1978 <sup>f</sup>	1979 <sup>p</sup>
NEW JERSEY	3,425.0	3,538.0	246.0	245.0	7.2	6.9
ATLANTIC CITY	85.7	95.4	8.4	8.9	9.8	9.3
JERSEY CITY	255.6	249.1	27.7	24.9	10.8	10.0
LONG BRANCH-ASBURY PARK	225.0	225.7	16.5	16.4	7.3	7.3
NEWARK(1)	947.9	961.1	64.2	64.2	6.8	6.7
NEW BRUNSWICK-PERTH AMBOY-SAYREVILLE	316.5	324.6	20.4	19.2	6.4	5.9
PATERSON-CLIFTON-PASSAIC	213.3	218.9	18.0	19.5	8.4	8.9
TRENTON	157.1	160.6	8.2	9.1	5.2	5.7
VINELAND-MILLVILLE-BRIDGETON	59.9	60.9	5.9	5.7	9.8	9.4
NEW MEXICO	576.0	538.0	30.0	35.0	5.8	6.6
ALBUQUERQUE	195.3	201.4	10.8	12.6	5.6	6.3
NEW YORK	7,833.0	8,009.0	603.0	570.0	7.7	7.1
ALBANY-SCHENECTADY-TROY	369.5	379.6	22.3	20.5	6.0	5.4
BUFFALO(1)	139.1	141.1	8.7	8.0	6.3	5.7
ELMIRA	566.1	581.2	44.9	42.6	7.9	7.3
NASSAU-SUFFOLK(1)	1,252.9	1,303.6	83.9	81.9	7.2	6.3
NEW YORK(1)	3,609.2	3,630.9	303.2	293.0	8.4	8.1
POUGHKEEPSIE	102.3	107.0	5.5	4.9	5.4	4.6
ROCHESTER	455.3	471.4	27.0	24.6	5.9	5.2
SYRACUSE	295.8	307.4	19.5	17.8	6.6	5.8
UTICA-ROME	135.1	138.7	9.4	8.5	7.0	6.2
NORTH CAROLINA	2,676.0	2,692.0	115.0	129.0	4.3	4.8
ASHEVILLE	81.6	83.1	2.9	3.4	3.5	4.1
CHARLOTTE-GASTONIA	329.1	338.8	11.2	13.0	3.4	3.8
GREENSBORO-WINSTON-SALEM-HIGH POINT	410.9	420.0	15.9	17.7	3.9	4.2
RALEIGH-DURHAM	270.0	284.3	8.3	9.4	3.1	3.3
NORTH DAKOTA	295.0	303.0	14.0	11.0	4.6	3.7
FARGO-MOOREHEAD	69.9	70.4	2.7	2.6	3.8	3.8
OHIO	4,937.0	5,036.0	267.0	297.0	5.4	5.9
AKRON	297.8	303.5	16.7	18.4	5.6	6.1
CANTON	179.2	184.3	9.9	10.6	5.5	5.7
CINCINNATI(1)	642.7	657.5	32.4	35.1	5.0	5.3
CLEVELAND(1)	918.2	932.0	43.1	46.6	4.7	5.0
COLUMBUS	579.4	538.8	24.9	25.8	4.7	4.8
DAYTON	379.6	390.5	17.3	24.2	4.6	6.2
TOLEDO	361.2	368.2	22.4	26.4	6.2	7.2
YOUNGSTOWN-WARREN	234.3	236.7	17.7	17.1	7.5	7.2
OKLAHOMA	1,244.0	1,278.0	48.0	44.0	3.9	3.4
OKLAHOMA CITY	372.9	388.6	13.1	12.3	3.5	3.2
TULSA	297.8	306.6	11.1	10.0	3.7	3.3
OREGON	1,196.0	1,217.0	72.0	83.0	6.0	6.8
EUGENE-SPRINGFIELD	125.2	125.1	8.5	10.4	6.8	8.2
PORTLAND	576.0	589.3	30.2	31.8	5.2	5.4
SALM	111.5	113.7	6.2	7.0	5.6	6.2
PENNSYLVANIA	5,255.0	5,296.0	364.0	366.0	6.9	6.9
ALLENTOWN-BETHLEHEM-EASTON	292.9	297.6	17.8	19.6	6.1	6.6
ALTOONA	56.6	58.1	4.4	5.1	7.8	8.8
ERIE	122.5	125.4	8.4	9.2	6.9	7.3
HARRISBURG	212.5	217.1	10.5	10.9	4.9	5.0
JOHNSTOWN	108.1	109.1	10.7	9.5	9.9	8.7
LANCASTER	171.3	175.7	7.8	8.1	4.6	4.6
NORTHEAST PENNSYLVANIA	277.8	283.6	23.5	25.0	8.5	8.8
PHILADELPHIA(1)	2,079.7	2,114.6	151.0	145.1	7.3	6.9
PITTSBURGH(1)	989.4	1,009.2	60.0	59.8	6.1	5.9
READING	145.8	150.5	8.0	8.4	5.5	5.6
WILLIAMSPORT	52.0	52.6	4.1	5.1	7.9	9.7
YORK	164.2	171.6	8.6	9.0	5.2	5.2
RHODE ISLAND	432.0	459.0	29.0	30.0	6.6	6.6
PROVIDENCE-WARWICK-PAWTUCKET	436.7	451.0	29.1	30.0	6.7	6.6
SOUTH CAROLINA	1,290.0	1,306.0	74.0	65.0	5.7	5.0
CHARLESTON-NORTH CHARLESTON	149.8	153.4	9.4	8.0	6.3	5.2
COLUMBIA	168.7	173.2	7.4	6.5	4.4	3.8
GREENVILLE-SPARTANBURG	256.4	259.7	12.0	10.2	4.7	3.9
SOUTH DAKOTA	328.0	338.0	10.0	12.0	3.1	3.5
SIOUX FALLS	59.5	62.0	1.5	1.8	2.5	3.0
TENNESSEE	1,916.0	1,979.0	110.0	115.0	5.8	5.8
CHATTANOOGA	188.2	193.5	10.3	11.3	5.5	5.9
KNOXVILLE	201.1	204.2	9.8	9.1	4.9	4.5
MEMPHIS	373.8	383.8	20.7	20.4	5.6	5.3
NASHVILLE-DAVIDSON	388.5	410.3	17.0	17.6	4.4	4.3

See footnotes at end of table.



**Table 20. Continued—Labor force and unemployment estimates for States and 214 large Labor Market Areas, 1978 and 1979 annual averages, from the Federal-State Cooperative Program**

(Numbers in thousands)

State and area	Labor force		Unemployment <sup>1</sup>			
			Number		Percent of labor force	
	1978 <sup>r</sup>	1979 <sup>p</sup>	1978 <sup>r</sup>	1979 <sup>p</sup>	1978 <sup>r</sup>	1979 <sup>p</sup>
TEXAS	6,012.0	6,244.0	289.0	263.0	4.8	4.2
AMARILLO	85.4	88.4	3.1	2.9	3.7	3.3
AUSTIN	233.9	246.7	7.8	7.3	3.3	3.0
BEAUMONT-PORT ARTHUR-ORANGE	165.3	163.7	11.0	9.7	6.6	5.9
CORPUS CHRISTI	132.7	140.5	7.4	6.8	5.6	4.8
DALLAS-FORT WORTH(1)	1,388.3	1,476.7	55.7	52.1	4.0	3.5
EL PASO	165.3	168.9	15.2	13.4	9.2	7.9
GALVESTON-TEXAS CITY	80.6	80.5	5.1	4.2	6.4	5.2
HOUSTON(1)	1,351.1	1,423.7	53.3	46.9	3.9	3.3
LUBBOCK	100.0	100.8	3.7	3.5	3.7	3.4
SAN ANTONIO	402.3	410.4	25.4	23.1	6.3	5.6
WACO	75.7	78.2	3.6	3.1	4.7	3.9
WICHITA FALLS	59.0	59.4	2.2	1.9	3.7	3.2
UTAH	544.0	584.0	21.0	25.0	3.8	4.3
SALT LAKE CITY-OGDEN	359.3	388.4	13.8	16.3	3.8	4.2
VERMONT	237.0	240.0	14.0	12.0	5.7	5.1
VIRGINIA	2,443.0	2,477.0	131.0	117.0	5.4	4.7
LYNCHBURG	72.9	75.7	3.5	3.2	4.8	4.3
NEWPORT NEWS-HAMPTON	159.7	160.3	10.0	8.7	6.3	5.5
NORFOLK-VIRGINIA BEACH-PORTSMOUTH	319.9	323.9	19.8	17.7	6.2	5.5
PETERSBURG-COLONIAL HEIGHTS-HOPENELL	56.5	58.3	3.6	3.1	6.1	5.3
RICHMOND	317.6	324.4	11.5	10.7	3.6	3.3
ROANOKE	109.6	109.3	6.2	4.7	5.6	4.3
WASHINGTON	1,767.0	1,892.0	121.0	128.0	6.8	6.8
SEATTLE-EVERETT(1)	762.4	827.4	44.7	44.4	5.9	5.4
SPOKANE	142.8	149.7	8.9	10.1	6.2	6.8
TACOMA	167.4	175.5	12.5	13.0	7.5	7.4
WEST VIRGINIA	720.0	751.0	46.0	51.0	6.3	6.7
CHARLESTON	119.4	126.7	4.9	5.5	4.1	4.3
HUNTINGTON-ASHLAND	121.2	125.5	7.0	7.1	5.8	5.6
PARKERSBURG-MARIETTA	67.7	71.0	3.5	4.0	5.2	5.7
WHEELING	79.3	81.7	4.6	4.9	5.8	6.0
WISCONSIN	2,310.0	2,381.0	118.0	108.0	5.1	4.5
APPLETON-OSHKOSH	143.0	150.7	7.0	6.5	4.9	4.3
EAU CLAIRE	55.8	57.9	3.7	3.4	6.6	5.9
GREEN BAY	86.5	88.5	4.8	4.5	5.6	5.1
KENOSHA	60.5	63.0	4.8	3.3	7.9	5.2
LA CROSSE	44.4	45.9	2.3	2.1	5.1	4.5
MADISON	173.2	180.0	6.9	6.5	4.0	3.6
MILWAUKEE(1)	705.3	726.8	30.5	28.3	4.3	3.9
RACINE	87.1	88.6	4.8	4.2	5.5	4.8
WYOMING	209.0	223.0	7.0	6.0	3.3	2.8

<sup>1</sup> Estimates for these areas are based on the Federal-State Cooperative Program and consequently differ from those shown in tables B-13 which are based on the Current Population Survey.  
p=provisional. Statewide estimates are subject to revision based on revised estimates of the population. Area estimates may be revised to reflect changes in State population controls and other benchmark adjustments.

r=revised. Statewide estimates incorporate revised estimates of the population. Area estimates incorporate revised State population controls and other benchmark adjustments.  
N.A.=not available.

## Appendix A. Definitions of Data Based on the Current Population Survey

Tables showing labor force status in sections I-III include provisional 1979 estimates of the civilian noninstitutional population 16 years and over. Population estimates are revised by the Bureau of the Census each year, and are incorporated into the CPS labor force levels used in the Federal-State Cooperative Program (Section IV). This adjustment affects the estimates of labor force, employment, and unemployment but does not affect unemployment rates, participation rates, or employment-population ratios.

*Employed persons* are all civilians who, during the survey week, did any work as paid employees or in their own business, or who worked 15 hours or more as unpaid workers in a family-operated enterprise. Persons temporarily absent from a job because of illness, bad weather, strikes, or for personal reasons are also counted as employed whether or not they were paid by their employer and whether or not they were seeking other jobs.

*Unemployed persons* are all civilians who did not work during the survey week, made specific efforts to find a job in the prior 4 weeks, and were available for work during the survey week (except for temporary illness). Persons waiting to be called back to a job from which they had been laid off, and those waiting to report to a new job within the next 30 days are also counted as unemployed.

*Black and other races* include all persons who identified themselves in the survey to be other than white. In the 1970 census, 89 percent of the black and other population group were black; the remainder were primarily American Indians, Alaskan Natives, and Asians and Pacific Islanders.

*Hispanic origin* refers to persons who identified themselves in the survey as Mexican, Puerto Rican, Cuban, Central or South American, or of other Hispanic origin or descent. Hispanics are included among both the white and "black and other" groups. In the 1970 census, about 96 percent of the Hispanic population classified themselves as white. Estimates of sampling errors are not available for the Hispanic population for States and SMSA's. Except in the Miami area, the Hispanic population is smaller than the black and other population, and estimates for this group are likely to have a

wider error range. Therefore, caution should be exercised in using these data.

Most people in the labor force work full time, and most of the unemployed are looking for full-time work. The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (employed part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily (1-34 hours), and unemployed persons seeking part-time work.

Estimates for the full- and part-time labor force are shown for the States and 30 SMSA's. However, because of the small numbers involved, reliable data for the black and other population are not available for all areas.

*Occupational data* are arranged according to the 10 major categories defined in the 1970 census. The occupation of the employed refers to the job held during the survey week. Persons with two or more jobs are classified according to the job in which they worked the most hours during the week. The unemployed are classified according to the last full-time civilian job held for 2 weeks or more.

Employment, unemployment, and the unemployment rate are shown for each of the States and the 30 large metropolitan areas for each occupational category. Data are not shown where the numbers are too small to yield reliable estimates. In tables showing data for cities, occupational groups have been combined in order to improve the quality of the estimates.

*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.

The percent of the unemployed with short-term unemployment—less than 5 weeks or about 1 month—is contrasted with the percent unemployed 5-14 weeks,

15-26 weeks, and longer, including those unemployed for more than 1 year. Data are available for men, women, and white workers for many States, SMSA's, and large cities. However, because of the small size of the black and other population, estimates of the duration of unemployment for this group are available only for a limited number of areas. Estimates are not published in categories where there are fewer than 500 persons unemployed.

*Reasons for unemployment* are divided into four major groups: (1) Job losers—persons whose employment ended involuntarily who immediately began looking for work, and persons on layoff; (2) job leavers—persons who quit or otherwise terminated their employment

voluntarily and immediately began looking for work; (3) reentrants—persons who previously worked at a full-time job lasting 2 weeks or longer but were out of the labor force before looking for work; and (4) new entrants—persons who never worked at a full-time job lasting 2 weeks or longer.

Total unemployment is distributed among the four categories by sex. The data have not been disaggregated by race and are not currently available for cities.

A more detailed description of the concepts used in this survey appears in *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463.

# Appendix B. Reliability of Estimates and Sampling Error Tables for CPS Estimates

The estimates presented in sections I-III of this report are based on the Current Population Survey (CPS)—a sample of the population rather than a complete count. Consequently, they may differ from the figures that would have been obtained if it had been possible to take a complete census using the same schedules and procedures as were used in the CPS. In general, the relative error of a sample estimate varies inversely with the size of the sample and the size of the estimate. Hence, an estimate for a subgroup constituting a small proportion of a population will tend to have a relatively larger error than an estimate for a subgroup constituting a large proportion of that population.

The proportion of the total population sampled in the CPS differs among the States. In general, the smaller the population, the larger the sampling proportion. For example, in Vermont approximately 1 in every 350 households is sampled, whereas in New York the sample covers about 1 in every 1,500 households. Differences in the probability of selection of households in each area are necessary to obtain statistically consistent total unemployment levels—with a maximum expected coefficient of variation of 10 percent or less, at a 6-percent unemployment rate.

## Publication standards

The publication of data with comparable reliability for all areas, including States, SMSA's, and cities, therefore requires unique standards for minimum labor force, employment, and unemployment levels, based on the known differences in sampling ratios among these areas.

For subgroups in the population, the small numbers sampled could introduce another element of difference in reliability among the areas. Consequently, BLS requires that at least 30 sample cases be the basis for publication of distributions (either numerical levels or percentages) of data below the State or area totals. Table B-1 lists the minimum necessary base for publication of data in each of the States, the District of Columbia, and metropolitan areas.

Estimates are not shown in this report when they do not meet the minimum standard for the State or area listed in table B-1. In any particular table, the determining factor for publication is the size of the base of

the distribution. In tables showing labor force status, the size of the labor force used to determine the unemployment rate for the particular group determines whether data for that group are published. In all other distributions, the determining factor is the total—which equals 100 percent. Data are not published for any cell with fewer than 500 persons or less than 1.0 percent in order to reduce errors caused by rounding of the data.

## Using the sampling error tables

The sampling error tables (tables B-2 to B-21) can be used directly to develop 90-percent confidence intervals for sample estimates. They indicate the order of magnitude of the sampling error rather than the precise amount of error. Table B-2 shows that an estimate of 50,000 unemployed persons (total or white) in Alabama will have a sampling error of 9,000, while an estimate of 100,000 unemployed persons for the same population group in Alabama has a sampling error of 13,000.

To calculate a 68-percent confidence interval (2 chances out of 3), multiply the sampling error by 0.6. To convert the sampling error to 95-percent confidence (19 chances out of 20), multiply the sampling error by 1.19. For the example given above, the sampling error at 90-percent confidence was 9,000. At 68-percent confidence, the error would be about 5,400 ( $9,000 \times 0.6 = 5,400$ ). At 95-percent confidence, the error would be about 11,000 ( $9,000 \times 1.19 = 10,710$ ).

To compute the error of a difference from the tables, an additional step is required. For instance, one may wish to know whether a change in the unemployment rate from 1978 to 1979 in a particular area is statistically "significant" or whether differences in the unemployment rate of two areas or population groups are statistically meaningful.

To test for the significance of a difference, the following formula should be used:

$$Z = \sqrt{a^2 + b^2 - C}$$

- where:
- a = the error of one group or year
  - b = the error of another group or year
  - C = the covariance (or relationship) between a and b
  - Z = the error of the difference



Estimates for "C" term for areas in this report are not available. If the relationship between the two groups or years is small, the "C" term may be ignored. If, however, there is a strong positive relationship between the two groups, then the error computed without the "C" term will be overstated. An example will show how this test is applied. Suppose one wished to know whether a hypothetical change in the CPS unemployment rate in Alaska from 10 percent to 8 percent between 1978 and 1979 was significant. Assume that the labor force was about 100,000 in both years. Table B-8 gives the error for a 10.0-percent unemployment rate as 1.11 and for an 8.0-percent unemployment rate as 1.01. Using the formula described above, the following would result:

$$\begin{aligned} a &= 1.11 \\ b &= 1.01 \\ a^2 + b^2 &= 2.25 \\ \sqrt{2.25} &= 1.50 \end{aligned}$$

Assuming a negligible "C" term, the error of the difference is 1.5. Since the actual change (2.0 percentage points) exceeds the error of the difference, it can be stated, with 90-percent confidence, that the difference

in rates is attributable to factors other than sampling error.

To derive a more precise sampling error for a given estimate, it may be necessary to use interpolation or extrapolation. For example, table B-2 contains no sampling error for an estimate of 500,000 unemployed persons in Alabama. The following formula shows how to interpolate for an estimate of 500,000 in Alabama:

$$Z = \left[ \left[ \frac{S - B}{A - B} \right] \times (X - Y) \right] + Y$$

where: A = published size immediately above the size desired (600,000)  
 B = published size immediately below the size desired (400,000)  
 S = size desired (500,000)  
 X = error of A (28,000)  
 Y = error of B (24,000)  
 Z = error of S (26,000).

If the sample estimate lies outside the boundaries of the error tables, extrapolation can be used to approximate the sampling error. The formula for extrapolation is the same as that for interpolation; however, the "A" term is the highest value in the table and the "B" term becomes the next highest value.

**Table B-1. Minimum bases required for publication of State or area data**

(In thousands)

State or area	Minimum base	State or area	Minimum base
Alabama.....	46	New Jersey.....	46
Alaska.....	4	New Mexico.....	18
Arizona.....	44	New York.....	46
Arkansas.....	35	North Carolina.....	55
California.....	46	North Dakota.....	10
Colorado.....	33	Ohio.....	46
Connecticut.....	46	Oklahoma.....	46
Delaware.....	15	Oregon.....	49
District of Columbia.....	21	Pennsylvania.....	46
Florida.....	46	Rhode Island.....	25
Georgia.....	46	South Carolina.....	46
Hawaii.....	19	South Dakota.....	11
Idaho.....	14	Tennessee.....	46
Illinois.....	46	Texas.....	49
Indiana.....	46	Utah.....	15
Iowa.....	41	Vermont.....	11
Kansas.....	34	Virginia.....	65
Kentucky.....	46	Washington.....	48
Louisiana.....	46	West Virginia.....	34
Maine.....	21	Wisconsin.....	51
Maryland.....	61	Wyoming.....	7
Massachusetts.....	39		
Michigan.....	46	Boston SMSA.....	39
Minnesota.....	52	Denver-Boulder SMSA.....	34
Mississippi.....	33	Kansas City SMSA.....	38
Missouri.....	46	Washington, D. C. SMSA.....	21
Montana.....	12	All other SMSA's.....	46
Nebraska.....	30		
Nevada.....	13	Washington, D. C. (city).....	21
New Hampshire.....	21	All other cities.....	46

**Table B-2. Sampling errors at 90-percent confidence level of estimated numbers of unemployed for total or white persons by State**

(In thousands)

State	Estimated number									
	5	10	25	50	100	200	400	600	800	1,000
Alabama.....	3	4	7	9	13	18	24	28	--	--
Alaska.....	1	1	2	2	3	--	--	--	--	--
Arizona.....	3	4	6	8	11	15	20	--	--	--
Arkansas.....	2	3	5	8	11	14	19	--	--	--
California.....	3	4	6	9	12	17	24	29	33	37
Colorado.....	2	3	5	8	11	14	19	--	--	--
Connecticut.....	3	4	6	8	11	15	21	24	--	--
Delaware.....	1	2	3	4	6	--	--	--	--	--
District of Columbia.....	2	2	4	5	7	8	--	--	--	--
Florida.....	3	4	6	9	12	17	24	29	33	--
Georgia.....	3	4	7	9	13	18	25	29	--	--
Hawaii.....	2	2	4	5	7	8	--	--	--	--
Idaho.....	2	2	3	5	6	--	--	--	--	--
Illinois.....	3	4	6	9	13	18	25	30	34	--
Indiana.....	3	4	6	9	12	17	24	28	--	--
Iowa.....	3	4	6	9	12	17	22	--	--	--
Kansas.....	2	3	5	8	11	16	--	--	--	--
Kentucky.....	3	4	7	9	13	18	24	--	--	--
Louisiana.....	3	4	6	9	12	17	23	27	--	--
Maine.....	2	3	4	6	8	10	--	--	--	--
Maryland.....	3	5	8	11	15	21	28	33	--	--
Massachusetts.....	2	3	5	7	10	14	20	24	27	--
Michigan.....	3	4	6	9	13	18	25	30	34	--
Minnesota.....	3	4	7	10	14	19	26	30	--	--
Mississippi.....	2	3	5	7	10	14	19	--	--	--
Missouri.....	3	4	6	9	12	17	24	28	--	--
Montana.....	1	2	3	4	6	--	--	--	--	--
Nebraska.....	2	3	5	7	10	--	--	--	--	--
Nevada.....	1	2	3	4	6	7	--	--	--	--
New Hampshire.....	2	2	4	5	7	9	--	--	--	--
New Jersey.....	3	4	6	9	12	17	23	28	32	--
New Mexico.....	2	2	4	5	7	9	--	--	--	--
New York.....	3	4	6	9	13	18	25	30	34	38
North Carolina.....	3	5	7	10	14	20	27	33	--	--
North Dakota.....	1	2	3	4	5	--	--	--	--	--
Ohio.....	3	4	6	9	12	17	24	29	33	--
Oklahoma.....	3	4	7	9	13	18	24	--	--	--
Oregon.....	3	4	7	10	13	18	24	27	--	--
Pennsylvania.....	3	4	6	9	12	17	24	29	33	37
Rhode Island.....	2	3	4	6	8	10	--	--	--	--
South Carolina.....	3	4	6	9	12	16	22	--	--	--
South Dakota.....	1	2	3	4	6	--	--	--	--	--
Tennessee.....	3	4	7	9	13	18	25	29	--	--
Texas.....	3	4	7	10	14	19	27	32	37	--
Utah.....	2	3	4	6	8	10	--	--	--	--
Vermont.....	1	2	3	4	5	--	--	--	--	--
Virginia.....	4	5	8	11	15	22	30	35	--	--
Washington.....	3	4	7	9	13	18	25	29	--	--
West Virginia.....	2	3	5	7	10	13	17	--	--	--
Wisconsin.....	3	4	7	10	14	19	26	31	--	--
Wyoming.....	1	1	2	3	--	--	--	--	--	--

**Table B-3. Sampling errors at 90-percent confidence level of estimated numbers of unemployed for black and other persons by State**

(In thousands)

State	Estimated number					
	5	10	25	50	100	200
Alabama.....	3	4	7	9	13	18
Alaska.....	1	1	2	--	--	--
Arizona.....	3	4	6	8	--	--
Arkansas.....	2	3	5	8	11	--
California.....	3	4	6	9	12	17
Colorado.....	2	3	5	--	--	--
Connecticut.....	3	4	6	8	11	--
Delaware.....	1	2	3	4	--	--
District of Columbia.....	2	2	4	5	7	9
Florida.....	3	4	6	9	13	18
Georgia.....	3	4	7	9	13	18
Hawaii.....	2	2	4	5	7	9
Illinois.....	3	4	6	9	13	18
Indiana.....	3	4	6	9	12	--
Iowa.....	3	4	6	8	--	--
Kentucky.....	3	4	7	9	13	--
Louisiana.....	3	4	6	9	12	17
Maryland.....	1	5	8	11	15	21
Massachusetts.....	2	3	5	8	--	--
Michigan.....	3	4	6	9	13	18
Mississippi.....	2	3	5	8	10	14
Missouri.....	3	4	6	9	13	18
Montana.....	1	2	--	--	--	--
Nevada.....	1	2	--	--	--	--
New Jersey.....	3	4	6	9	12	17
New Mexico.....	2	2	4	5	--	--
New York.....	3	4	6	9	13	18
North Carolina.....	3	5	7	10	14	20
Ohio.....	3	4	6	9	12	17
Oklahoma.....	3	4	7	10	13	--
Pennsylvania.....	3	4	6	9	12	17
South Carolina.....	3	4	6	9	12	17
Tennessee.....	3	4	7	9	13	18
Texas.....	3	4	7	10	14	19
Virginia.....	4	5	8	11	16	22
Washington.....	3	4	7	9	13	--
Wisconsin.....	3	4	7	10	14	--

**Table B-4. Sampling errors at 90-percent confidence level of estimated labor force for total or white persons by State**

(In thousands)

State	Estimated number													
	25	50	100	200	400	600	800	1,000	1,500	2,000	2,500	5,000	7,500	9,999
Alabama.....	8	11	16	22	30	35	39	41	42	37	21	--	--	--
Alaska.....	2	3	4	3	--	--	--	--	--	--	--	--	--	--
Arizona.....	7	10	14	20	26	29	30	30	18	--	--	--	--	--
Arkansas.....	7	10	13	18	24	27	28	27	12	--	--	--	--	--
California.....	8	11	15	22	31	37	43	47	57	65	71	91	99	96
Colorado.....	7	9	13	18	24	28	29	30	25	--	--	--	--	--
Connecticut.....	7	10	15	20	27	31	34	36	34	25	--	--	--	--
Delaware.....	4	6	8	9	4	--	--	--	--	--	--	--	--	--
District of Columbia.....	5	7	9	11	9	--	--	--	--	--	--	--	--	--
Florida.....	8	11	16	22	31	37	42	46	54	59	62	54	--	--
Georgia.....	8	11	16	22	31	36	41	44	48	48	45	--	--	--
Hawaii.....	5	7	9	11	11	--	--	--	--	--	--	--	--	--
Idaho.....	5	6	8	10	10	--	--	--	--	--	--	--	--	--
Illinois.....	3	11	16	22	31	37	43	47	56	62	66	70	80	--
Indiana.....	8	11	16	22	30	35	40	43	48	49	47	--	--	--
Iowa.....	8	11	15	21	28	32	34	35	J2	17	--	--	--	--
Kansas.....	7	10	13	18	24	27	29	28	19	--	--	--	--	--
Kentucky.....	8	11	16	22	30	35	38	40	40	33	--	--	--	--
Louisiana.....	8	11	15	21	29	34	37	40	41	37	24	--	--	--
Maine.....	5	7	10	13	15	12	--	--	--	--	--	--	--	--
Maryland.....	9	13	18	25	34	40	44	47	50	47	38	--	--	--
Massachusetts.....	7	10	14	19	26	31	35	38	43	45	45	--	--	--
Michigan.....	8	11	16	22	31	37	42	47	54	60	63	56	--	--
Minnesota.....	8	12	17	23	31	37	43	49	46	43	32	--	--	--
Mississippi.....	7	9	13	18	23	26	27	27	16	--	--	--	--	--
Missouri.....	9	11	16	22	30	36	40	43	47	47	44	--	--	--
Montana.....	4	6	7	9	7	--	--	--	--	--	--	--	--	--
Nebraska.....	6	9	12	17	21	22	20	14	--	--	--	--	--	--
Nevada.....	4	6	7	9	7	--	--	--	--	--	--	--	--	--
New Hampshire.....	5	7	9	12	12	6	--	--	--	--	--	--	--	--
New Jersey.....	8	11	15	22	30	36	41	44	51	55	57	32	--	--
New Mexico.....	5	7	9	12	14	13	--	--	--	--	--	--	--	--
New York.....	8	11	16	22	31	38	43	48	58	65	71	89	91	79
North Carolina.....	9	12	17	24	33	39	44	48	53	55	51	--	--	--
North Dakota.....	4	5	7	9	5	--	--	--	--	--	--	--	--	--
Ohio.....	9	11	16	22	30	37	42	46	54	60	65	67	29	--
Oklahoma.....	8	12	16	22	30	34	37	38	34	--	--	--	--	--
Oregon.....	8	12	16	22	30	34	35	35	27	--	--	--	--	--
Pennsylvania.....	8	11	16	22	31	37	42	47	55	62	66	73	53	--
Rhode Island.....	5	7	10	13	14	10	--	--	--	--	--	--	--	--
South Carolina.....	8	11	15	21	28	34	35	31	--	--	--	--	--	--
South Dakota.....	4	5	7	8	7	--	--	--	--	--	--	--	--	--
Tennessee.....	8	11	16	22	31	36	40	43	46	45	38	--	--	--
Texas.....	9	12	17	23	33	40	45	50	59	66	71	80	62	--
Utah.....	5	7	9	12	15	14	9	--	--	--	--	--	--	--
Vermont.....	3	5	6	7	--	--	--	--	--	--	--	--	--	--
Virginia.....	9	13	18	25	35	41	46	51	55	56	52	--	--	--
Washington.....	8	12	16	22	31	36	39	42	43	38	24	--	--	--
West Virginia.....	6	9	13	17	22	24	24	22	--	--	--	--	--	--
Wisconsin.....	8	12	17	23	32	38	42	45	49	49	44	--	--	--
Wyoming.....	3	4	5	5	--	--	--	--	--	--	--	--	--	--

**Table B-5. Sampling errors at 90-percent confidence level of estimated labor force for black and other persons by State**

(In thousands)

State	Estimated number								
	25	50	100	200	400	600	800	1,000	1,500
Alabama.....	8	11	16	22	30	35	38	--	--
Alaska.....	2	3	4	3	--	--	--	--	--
Arizona.....	7	10	14	19	26	--	--	--	--
Arkansas.....	7	10	13	18	24	27	--	--	--
California.....	8	11	15	22	30	37	43	47	57
Colorado.....	7	9	13	18	--	--	--	--	--
Connecticut.....	7	10	14	20	27	31	--	--	--
Delaware.....	4	6	8	9	--	--	--	--	--
District of Columbia..	5	7	9	11	9	--	--	--	--
Florida.....	8	11	16	22	31	37	42	46	--
Georgia.....	8	11	16	22	31	36	40	43	--
Hawaii.....	5	7	9	11	11	--	--	--	--
Illinois.....	8	11	16	22	31	37	43	47	--
Indiana.....	8	11	15	22	30	35	--	--	--
Kansas.....	7	10	13	18	24	--	--	--	--
Kentucky.....	8	11	16	22	30	35	--	--	--
Louisiana.....	8	11	15	21	29	34	37	--	--
Maryland.....	9	13	18	25	34	39	44	--	--
Massachusetts.....	7	10	14	19	26	--	--	--	--
Michigan.....	8	11	16	22	31	37	42	46	--
Mississippi.....	7	9	13	18	23	26	27	--	--
Missouri.....	8	11	16	22	30	35	40	--	--
Montana.....	4	6	--	--	--	--	--	--	--
Nevada.....	4	6	--	--	--	--	--	--	--
New Jersey.....	8	11	15	21	30	36	40	--	--
New Mexico.....	5	7	9	12	--	--	--	--	--
New York.....	8	11	16	22	31	38	43	48	58
North Carolina.....	9	12	17	24	33	39	44	47	--
Ohio.....	8	11	15	22	30	37	42	46	--
Oklahoma.....	8	12	16	22	30	--	--	--	--
Pennsylvania.....	8	11	15	22	30	37	42	--	--
South Carolina.....	8	11	15	21	28	32	34	--	--
Tennessee.....	8	11	16	22	30	36	40	--	--
Texas.....	8	12	17	23	33	39	45	50	--
Virginia.....	9	13	18	25	35	41	46	50	--
Washington.....	8	12	16	22	30	--	--	--	--
Wisconsin.....	8	12	17	23	32	--	--	--	--

**Table B-6. Sampling errors at 90-percent confidence level of estimated numbers of employed for total or white persons by State**

(In thousands)

State	Estimated number													
	25	50	100	200	400	600	800	1,000	1,500	2,000	2,500	5,000	7,500	9,999
Alabama.....	8	11	16	22	30	35	39	41	42	37	21	--	--	--
Alaska.....	2	3	4	3	--	--	--	--	--	--	--	--	--	--
Arizona.....	7	10	14	20	26	29	30	30	18	--	--	--	--	--
Arkansas.....	7	10	13	18	24	27	28	27	12	--	--	--	--	--
California.....	8	11	15	22	31	37	43	47	57	65	71	91	99	96
Colorado.....	7	9	13	18	24	28	29	30	25	--	--	--	--	--
Connecticut.....	7	10	15	20	27	31	34	36	34	25	--	--	--	--
Delaware.....	4	6	8	9	4	--	--	--	--	--	--	--	--	--
District of Columbia..	5	7	9	11	9	--	--	--	--	--	--	--	--	--
Florida.....	8	11	16	22	31	37	42	46	54	59	62	54	--	--
Georgia.....	8	11	16	22	31	36	41	44	48	48	45	--	--	--
Hawaii.....	5	7	9	11	11	--	--	--	--	--	--	--	--	--
Idaho.....	4	6	8	10	10	--	--	--	--	--	--	--	--	--
Illinois.....	8	11	16	22	31	37	43	47	56	62	66	70	40	--
Indiana.....	8	11	16	22	30	35	40	43	48	49	47	--	--	--
Iowa.....	8	11	15	21	28	32	34	35	32	17	--	--	--	--
Kansas.....	7	10	13	18	24	27	29	28	19	--	--	--	--	--
Kentucky.....	8	11	16	22	30	35	38	40	40	33	--	--	--	--
Louisiana.....	8	11	15	21	29	34	37	40	41	37	24	--	--	--
Maine.....	5	7	10	13	15	12	--	--	--	--	--	--	--	--
Maryland.....	9	13	18	25	34	40	44	47	50	47	38	--	--	--
Massachusetts.....	7	10	14	19	26	31	35	38	43	45	45	--	--	--
Michigan.....	8	11	16	22	31	37	42	47	54	60	63	56	--	--
Minnesota.....	8	12	17	23	31	37	41	43	46	43	32	--	--	--
Mississippi.....	7	9	13	18	23	26	27	27	16	--	--	--	--	--
Missouri.....	8	11	16	22	30	36	40	43	47	47	44	--	--	--
Montana.....	4	6	7	9	9	--	--	--	--	--	--	--	--	--
Nebraska.....	6	9	12	17	21	22	20	14	--	--	--	--	--	--
Nevada.....	4	6	7	9	7	--	--	--	--	--	--	--	--	--
New Hampshire.....	5	7	9	12	12	6	--	--	--	--	--	--	--	--
New Jersey.....	8	11	15	22	30	36	41	44	51	55	57	32	--	--
New Mexico.....	5	7	9	12	14	13	--	--	--	--	--	--	--	--
New York.....	8	11	16	22	31	38	43	48	58	65	71	89	91	79
North Carolina.....	9	12	17	24	33	39	44	48	53	55	53	--	--	--
North Dakota.....	4	5	7	8	5	--	--	--	--	--	--	--	--	--
Ohio.....	8	11	16	22	30	37	42	46	54	60	65	67	29	--
Oklahoma.....	8	12	16	22	30	34	37	38	34	--	--	--	--	--
Oregon.....	8	12	16	22	30	34	35	35	27	--	--	--	--	--
Pennsylvania.....	8	11	16	22	31	37	42	47	55	62	66	73	53	--
Rhode Island.....	5	7	10	13	14	10	--	--	--	--	--	--	--	--
South Carolina.....	8	11	15	21	28	32	34	35	31	--	--	--	--	--
South Dakota.....	4	5	7	8	7	--	--	--	--	--	--	--	--	--
Tennessee.....	8	11	16	22	31	36	40	43	46	45	38	--	--	--
Texas.....	8	12	17	23	33	40	45	50	59	66	71	80	62	--
Utah.....	5	7	9	12	15	14	8	--	--	--	--	--	--	--
Vermont.....	3	5	6	7	--	--	--	--	--	--	--	--	--	--
Virginia.....	9	13	18	25	35	41	46	50	55	56	52	--	--	--
Washington.....	8	12	16	22	31	36	39	42	43	38	24	--	--	--
West Virginia.....	6	9	13	17	22	24	24	22	--	--	--	--	--	--
Wisconsin.....	8	12	17	23	32	38	42	45	49	49	44	--	--	--
Wyoming.....	3	4	5	5	--	--	--	--	--	--	--	--	--	--



**Table B-7. Sampling errors at 90-percent confidence level of estimated numbers of employed for black and other persons by State**

(in thousands)

State	Estimated number								
	25	50	100	200	400	600	800	1,000	1,500
Alabama.....	8	11	16	22	30	35	38	--	--
Alaska.....	2	3	4	3	--	--	--	--	--
Arizona.....	7	10	14	19	26	--	--	--	--
Arkansas.....	7	10	13	18	24	27	--	--	--
California.....	8	11	15	22	30	37	43	47	57
Colorado.....	7	9	13	18	--	--	--	--	--
Connecticut.....	7	10	14	20	27	31	--	--	--
Delaware.....	4	6	8	9	--	--	--	--	--
District of Columbia..	5	7	9	11	9	--	--	--	--
Florida.....	8	11	16	22	31	37	42	46	--
Georgia.....	8	11	16	22	31	36	40	43	--
Hawaii.....	5	7	9	11	11	--	--	--	--
Illinois.....	8	11	16	22	31	37	43	47	--
Indiana.....	8	11	15	22	30	35	--	--	--
Kansas.....	7	10	13	18	24	--	--	--	--
Kentucky.....	8	11	16	22	30	35	--	--	--
Louisiana.....	8	11	15	21	29	34	37	--	--
Maryland.....	9	13	18	25	34	39	44	--	--
Massachusetts.....	7	10	14	19	26	--	--	--	--
Michigan.....	8	11	16	22	31	37	42	46	--
Mississippi.....	7	9	13	18	23	26	27	--	--
Missouri.....	8	11	16	22	30	35	40	--	--
Montana.....	4	6	--	--	--	--	--	--	--
Nevada.....	4	6	--	--	--	--	--	--	--
New Jersey.....	8	11	15	21	30	36	40	--	--
New Mexico.....	5	7	9	12	--	--	--	--	--
New York.....	8	11	16	22	31	38	43	48	58
North Carolina.....	9	12	17	24	33	39	44	47	--
Ohio.....	8	11	15	22	30	37	42	46	--
Oklahoma.....	8	12	16	22	30	--	--	--	--
Pennsylvania.....	8	11	15	22	30	37	42	--	--
South Carolina.....	8	11	15	21	28	32	34	--	--
Tennessee.....	8	11	16	22	30	36	40	--	--
Texas.....	8	12	17	23	33	39	45	50	--
Virginia.....	9	13	18	25	35	41	46	50	--
Washington.....	8	12	16	22	30	--	--	--	--
Wisconsin.....	8	12	17	23	32	--	--	--	--

**Table B-8. Sampling errors at 90-percent confidence level of estimated unemployment rates for total or white persons by State**

State and labor force size (in thousands)	Estimated rate (percent)								
	1	2	4	6	8	10	15	20	25
<b>Alaska</b>									
25.....	0.75	1.05	1.46	1.76	2.00	2.20	2.58	2.83	3.00
50.....	.53	.74	1.03	1.25	1.42	1.56	1.83	2.02	2.14
100.....	.37	.53	.73	.88	1.01	1.11	1.31	1.45	1.54
200.....	.26	.37	.52	.63	.72	.79	.94	1.05	1.13
400.....	.19	.26	.37	.45	.52	.57	.69	.78	.85
600.....	.15	.22	.31	.37	.43	.48	.58	.67	.74
<b>Wyoming</b>									
25.....	0.94	1.32	1.83	2.20	2.50	2.74	3.20	3.50	3.68
50.....	.66	.93	1.30	1.56	1.77	1.95	2.28	2.49	2.63
100.....	.47	.66	.92	1.11	1.26	1.39	1.63	1.79	1.90
200.....	.33	.47	.65	.79	.90	.99	1.17	1.30	1.40
400.....	.24	.33	.47	.57	.65	.72	.86	.97	1.06
600.....	.19	.27	.38	.47	.54	.60	.73	.83	.92
<b>North Dakota, Vermont</b>									
25.....	1.19	1.67	2.32	2.80	3.18	3.49	4.08	4.48	4.73
50.....	.84	1.18	1.64	1.98	2.25	2.47	2.89	3.18	3.36
100.....	.59	.84	1.16	1.40	1.60	1.75	2.06	2.27	2.41
200.....	.42	.59	.82	1.00	1.13	1.25	1.47	1.63	1.74
400.....	.30	.42	.59	.71	.81	.90	1.06	1.19	1.28
600.....	.24	.34	.48	.58	.67	.74	.89	1.00	1.09
800.....	.21	.30	.42	.51	.58	.65	.78	.89	.98
<b>Delaware, Idaho, Montana, Nevada, South Dakota</b>									
25.....	1.36	1.91	2.66	3.20	3.64	3.99	4.65	5.09	5.35
50.....	.96	1.35	1.88	2.27	2.57	2.83	3.30	3.61	3.80
100.....	.68	.96	1.33	1.61	1.82	2.00	2.34	2.57	2.72
200.....	.48	.68	.94	1.14	1.30	1.43	1.67	1.84	1.96
400.....	.34	.48	.67	.81	.92	1.02	1.20	1.34	1.44
600.....	.28	.39	.55	.67	.76	.84	1.00	1.12	1.21
800.....	.24	.34	.48	.58	.66	.74	.88	.99	1.08
<b>District of Columbia, Hawaii, Maine, New Hampshire, New Mexico</b>									
25.....	1.61	2.26	3.14	3.78	4.28	4.70	5.47	5.97	6.26
50.....	1.14	1.60	2.22	2.67	3.03	3.33	3.87	4.23	4.44
100.....	.81	1.13	1.57	1.89	2.15	2.36	2.75	3.01	3.17
200.....	.57	.80	1.11	1.34	1.52	1.67	1.96	2.15	2.28
400.....	.40	.57	.79	.95	1.09	1.20	1.41	1.56	1.66
600.....	.33	.46	.65	.78	.89	.99	1.17	1.30	1.40
800.....	.29	.40	.56	.68	.78	.86	1.03	1.15	1.24
1,000.....	.24	.36	.50	.61	.70	.78	.93	1.05	1.14
<b>Rhode Island, Utah</b>									
25.....	1.66	2.32	3.22	3.87	4.39	4.81	5.58	6.06	6.32
50.....	1.17	1.64	2.28	2.74	3.11	3.41	3.95	4.30	4.49
100.....	.83	1.16	1.61	1.94	2.20	2.42	2.81	3.07	3.21
200.....	.59	.82	1.14	1.38	1.56	1.72	2.01	2.20	2.32
400.....	.41	.58	.81	.98	1.12	1.23	1.45	1.60	1.71
600.....	.34	.48	.67	.81	.92	1.02	1.21	1.35	1.45
800.....	.29	.41	.58	.70	.80	.89	1.06	1.20	1.30
1,000.....	.26	.37	.52	.63	.73	.81	.97	1.10	1.20
<b>Arkansas, Colorado, Kansas, Massachusetts, Mississippi, Nebraska, West Virginia</b>									
25.....	2.20	3.00	4.29	5.16	5.86	6.43	7.51	8.21	8.65
50.....	1.55	2.18	3.03	3.65	4.14	4.55	5.31	5.82	6.13
100.....	1.10	1.54	2.15	2.58	2.93	3.22	3.76	4.12	4.35
200.....	.78	1.09	1.52	1.83	2.08	2.28	2.67	2.93	3.09
400.....	.55	.77	1.07	1.30	1.47	1.62	1.90	2.09	2.22
600.....	.45	.63	.88	1.06	1.21	1.33	1.56	1.72	1.83
800.....	.39	.55	.76	.92	1.05	1.15	1.36	1.51	1.61
1,000.....	.35	.49	.68	.83	.94	1.04	1.22	1.36	1.45
1,500.....	.28	.40	.56	.68	.77	.85	1.01	1.13	1.22
2,000.....	.25	.35	.49	.59	.67	.75	.89	1.00	1.09
2,500.....	.22	.31	.44	.53	.61	.67	.81	.91	1.00
3,000.....	.16	.22	.31	.38	.44	.50	.61	.71	.79
7,500.....	.13	.18	.26	.32	.37	.42	.53	.62	.71

**Table B-8. Continued—Sampling errors at 90-percent confidence level of estimated unemployment rates for total or white persons by State**

State and labor force size (in thousands)	Estimated rate (percent)									
	1	2	4	6	8	10	15	20	25	
Arizona, California, Connecticut, Florida, Indiana, Iowa, Louisiana, New Jersey, New York, Ohio, Pennsylvania, South Carolina										
25.....	2.46	3.45	4.80	5.78	6.55	7.19	8.37	9.14	9.60	
50.....	1.74	2.44	3.33	4.09	4.73	5.09	5.92	6.47	6.79	
100.....	1.23	1.73	2.40	2.89	3.28	3.69	4.19	4.48	4.61	
200.....	.87	1.22	1.70	2.04	2.32	2.55	2.97	3.24	3.31	
400.....	.62	.86	1.20	1.45	1.64	1.80	2.11	2.30	2.41	
600.....	.50	.71	.98	1.18	1.34	1.48	1.72	1.89	2.00	
800.....	.44	.61	.85	1.03	1.16	1.28	1.50	1.64	1.74	
1,000.....	.39	.55	.76	.92	1.04	1.15	1.34	1.48	1.56	
1,500.....	.32	.45	.62	.75	.85	.94	1.11	1.22	1.28	
2,000.....	.28	.39	.54	.65	.74	.82	.96	1.07	1.13	
2,500.....	.25	.35	.48	.59	.67	.74	.87	.96	1.01	
5,000.....	.17	.25	.35	.42	.48	.53	.64	.72	.77	
7,500.....	.14	.20	.28	.35	.40	.44	.54	.61	.64	
9,999.....	.12	.18	.25	.30	.35	.39	.48	.55	.58	
Alabama, Georgia, Illinois, Kentucky, Michigan, Missouri, Oklahoma, Oregon, Tennessee, Texas, Washington										
25.....	2.71	3.80	5.29	6.37	7.23	7.95	9.29	10.20	10.78	
50.....	1.91	2.68	3.74	4.50	5.12	5.64	6.58	7.24	7.64	
100.....	1.35	1.90	2.64	3.19	3.62	3.98	4.66	5.12	5.41	
200.....	.96	1.34	1.87	2.26	2.56	2.84	3.38	3.63	3.85	
400.....	.68	.95	1.32	1.60	1.82	2.00	2.45	2.59	2.75	
600.....	.55	.78	1.00	1.21	1.44	1.64	1.83	2.13	2.27	
800.....	.48	.67	.94	1.11	1.29	1.42	1.69	1.86	1.94	
1,000.....	.43	.60	.84	1.02	1.16	1.28	1.51	1.67	1.74	
1,500.....	.35	.49	.69	.81	.95	1.05	1.25	1.39	1.50	
2,000.....	.30	.43	.60	.72	.83	.92	1.09	1.23	1.31	
2,500.....	.27	.38	.54	.65	.75	.83	.99	1.12	1.22	
5,000.....	.19	.27	.38	.47	.54	.61	.74	.85	.90	
7,500.....	.16	.22	.32	.39	.46	.51	.64	.74	.78	
9,999.....	.14	.20	.28	.35	.40	.46	.58	.68	.73	
Minnesota, North Carolina, Wisconsin										
25.....	2.86	4.02	5.59	6.74	7.66	8.43	9.87	10.86	11.50	
50.....	2.02	2.84	3.96	4.77	5.42	5.96	6.98	7.68	8.14	
100.....	1.43	2.01	2.80	3.37	3.81	4.21	4.94	5.44	5.76	
200.....	1.01	1.42	1.98	2.35	2.71	2.98	3.50	3.95	4.08	
400.....	.72	1.00	1.40	1.69	1.92	2.11	2.48	2.79	2.90	
600.....	.58	.82	1.14	1.38	1.57	1.75	2.04	2.24	2.38	
800.....	.51	.71	.99	1.20	1.36	1.50	1.76	1.94	2.07	
1,000.....	.45	.64	.89	1.07	1.22	1.34	1.58	1.73	1.80	
1,500.....	.37	.52	.72	.88	1.00	1.10	1.29	1.43	1.51	
2,000.....	.32	.45	.63	.76	.87	.95	1.13	1.25	1.34	
2,500.....	.29	.40	.56	.68	.78	.86	1.01	1.13	1.21	
5,000.....	.20	.29	.40	.49	.56	.62	.75	.85	.90	
7,500.....	.17	.23	.33	.40	.46	.51	.63	.70	.77	
9,999.....	.14	.20	.29	.35	.40	.45	.58	.62	.69	
Maryland, Virginia										
25.....	3.11	4.37	6.10	7.36	8.37	9.21	10.82	11.94	12.60	
50.....	2.20	3.09	4.31	5.20	5.92	6.51	7.65	8.44	8.94	
100.....	1.56	2.19	3.05	3.68	4.19	4.61	5.40	5.97	6.36	
200.....	1.10	1.55	2.16	2.60	2.90	3.26	3.82	4.21	4.50	
400.....	.78	1.09	1.53	1.84	2.10	2.31	2.71	3.00	3.20	
600.....	.64	.89	1.25	1.50	1.71	1.89	2.22	2.46	2.62	
800.....	.55	.77	1.08	1.30	1.48	1.64	1.93	2.13	2.28	
1,000.....	.49	.69	.97	1.17	1.33	1.46	1.71	1.91	2.05	
1,500.....	.40	.57	.79	.95	1.09	1.20	1.42	1.57	1.69	
2,000.....	.35	.49	.68	.83	.94	1.04	1.23	1.39	1.47	
2,500.....	.31	.44	.61	.74	.85	.93	1.11	1.24	1.31	
5,000.....	.22	.31	.44	.53	.61	.67	.80	.90	.98	
7,500.....	.18	.25	.36	.44	.50	.56	.67	.76	.83	

**Table B-9. Sampling errors at 90-percent confidence level of estimated unemployment rates for black and other persons by State**

State and labor force size (in thousands)	Estimated rate (percent)								
	1	2	4	6	8	10	15	20	25
<b>Alaska</b>									
25.....	0.76	1.06	1.48	1.79	2.03	2.24	2.62	2.89	3.07
50.....	.54	.75	1.05	1.27	1.44	1.58	1.86	2.06	2.19
100.....	.38	.53	.74	.90	1.02	1.13	1.33	1.47	1.57
200.....	.27	.38	.53	.64	.73	.80	.96	1.07	1.15
<b>Delaware, Montana, Nevada</b>									
25.....	1.33	1.86	2.59	3.12	3.55	3.90	4.56	5.01	5.30
50.....	.94	1.32	1.83	2.21	2.51	2.76	3.23	3.55	3.76
100.....	.66	.93	1.30	1.57	1.78	1.96	2.30	2.53	2.68
200.....	.47	.66	.92	1.11	1.26	1.39	1.64	1.81	1.93
<b>District of Columbia, Hawaii, New Mexico</b>									
25.....	1.56	2.19	3.04	3.66	4.15	4.55	5.30	5.78	6.07
50.....	1.10	1.55	2.15	2.59	2.94	3.23	3.76	4.11	4.32
100.....	.78	1.10	1.52	1.84	2.09	2.29	2.68	2.93	3.10
200.....	.55	.78	1.08	1.30	1.48	1.63	1.92	2.11	2.25
400.....	.39	.55	.77	.93	1.06	1.17	1.39	1.55	1.67
600.....	.32	.45	.63	.77	.88	.97	1.16	1.31	1.42
800.....	.28	.39	.55	.67	.77	.85	1.03	1.17	1.28
<b>Arkansas, Colorado, Kansas, Massachusetts, Mississippi</b>									
25.....	2.23	3.13	4.36	5.25	5.96	6.55	7.66	8.41	8.88
50.....	1.58	2.21	3.08	3.71	4.22	4.63	5.42	5.95	6.29
100.....	1.12	1.57	2.18	2.63	2.98	3.28	3.84	4.22	4.46
200.....	.79	1.11	1.54	1.86	2.11	2.32	2.72	2.99	3.17
400.....	.56	.78	1.09	1.32	1.50	1.65	1.94	2.14	2.27
600.....	.46	.64	.89	1.08	1.23	1.35	1.59	1.76	1.87
800.....	.39	.55	.77	.94	1.06	1.17	1.38	1.53	1.64
<b>Arizona, California, Connecticut, Indiana, Louisiana, New Jersey, Ohio, Pennsylvania, South Carolina</b>									
25.....	2.50	3.51	4.88	5.88	6.68	7.33	8.56	9.38	9.88
50.....	1.77	2.48	3.45	4.16	4.72	5.19	6.06	6.63	6.99
100.....	1.25	1.76	2.44	2.94	3.34	3.67	4.28	4.70	4.95
200.....	.88	1.24	1.73	2.08	2.36	2.60	3.03	3.33	3.51
400.....	.63	.88	1.22	1.47	1.67	1.84	2.15	2.36	2.50
600.....	.51	.72	1.00	1.20	1.37	1.50	1.76	1.94	2.05
800.....	.44	.62	.87	1.04	1.19	1.30	1.53	1.68	1.78
1,000.....	.40	.56	.77	.93	1.06	1.17	1.37	1.51	1.61
1,500.....	.32	.45	.63	.76	.87	.96	1.13	1.25	1.33
<b>Alabama, Georgia, Florida, Illinois, Kentucky, Michigan, Missouri, New York, Oklahoma, Tennessee, Texas, Washington</b>									
25.....	2.74	3.84	5.36	6.46	7.34	8.07	9.45	10.39	11.01
50.....	1.94	2.72	3.79	4.57	5.19	5.70	6.68	7.35	7.78
100.....	1.37	1.92	2.68	3.23	3.67	4.03	4.73	5.20	5.51
200.....	.97	1.36	1.89	2.28	2.59	2.85	3.34	3.68	3.90
400.....	.68	.96	1.34	1.62	1.84	2.02	2.37	2.60	2.76
600.....	.56	.79	1.09	1.32	1.50	1.65	1.93	2.13	2.26
800.....	.48	.68	.95	1.14	1.30	1.43	1.68	1.85	1.96
1,000.....	.43	.61	.85	1.02	1.16	1.28	1.50	1.65	1.76
1,500.....	.35	.50	.69	.84	.95	1.05	1.23	1.36	1.44
<b>North Carolina, Wisconsin</b>									
25.....	2.90	4.07	5.67	6.83	7.77	8.55	10.03	11.06	11.74
50.....	2.05	2.87	4.01	4.83	5.49	6.05	7.10	7.82	8.31
100.....	1.45	2.03	2.83	3.42	3.89	4.28	5.02	5.53	5.88
200.....	1.02	1.44	2.00	2.42	2.75	3.03	3.55	3.92	4.17
400.....	.72	1.02	1.42	1.71	1.95	2.14	2.52	2.78	2.96
600.....	.59	.83	1.16	1.40	1.59	1.75	2.06	2.28	2.42
800.....	.51	.72	1.00	1.21	1.38	1.52	1.79	1.98	2.11
1,000.....	.46	.64	.90	1.08	1.23	1.36	1.60	1.77	1.89
<b>Maryland, Virginia</b>									
25.....	3.15	4.42	6.16	7.44	8.47	9.32	10.97	12.12	12.91
50.....	2.23	3.13	4.36	5.26	5.96	6.55	7.66	8.41	8.88
100.....	1.57	2.21	3.08	3.71	4.22	4.63	5.42	5.95	6.29
200.....	1.11	1.56	2.18	2.63	3.00	3.30	3.88	4.29	4.58
400.....	.79	1.11	1.54	1.86	2.11	2.34	2.75	3.04	3.25
600.....	.64	.90	1.26	1.52	1.73	1.91	2.25	2.49	2.66
800.....	.56	.78	1.09	1.32	1.50	1.65	1.95	2.16	2.31
1,000.....	.50	.70	.98	1.18	1.34	1.48	1.75	1.94	2.08



**Table B-10. Sampling errors at 90-percent confidence level of civilian labor force participation rates for total or white persons by State**

State and size of civilian labor force (in thousands)	Estimated rate (percent)						
	2 or 98	5 or 95	10 or 90	20 or 80	30 or 70	40 or 60	50
<b>Alaska</b>							
50.....	0.92	1.43	1.96	2.62	3.00	3.21	3.27
100.....	.65	1.01	1.39	1.85	2.12	2.27	2.31
200.....	.46	.71	.98	1.31	1.50	1.60	1.64
400.....	.32	.50	.69	.93	1.06	1.13	1.16
600.....	.26	.41	.57	.76	.87	.93	.94
800.....	.23	.36	.49	.65	.75	.80	.82
<b>Wyoming</b>							
50.....	1.19	1.86	2.56	3.41	3.90	4.17	4.26
100.....	.84	1.31	1.81	2.41	2.76	2.95	3.01
200.....	.60	.93	1.28	1.70	1.95	2.09	2.13
400.....	.42	.66	.90	1.21	1.38	1.48	1.51
600.....	.34	.54	.74	.98	1.13	1.21	1.23
800.....	.30	.46	.64	.85	.98	1.04	1.07
<b>Delaware, North Dakota, South Dakota, Vermont</b>							
50.....	1.54	2.40	3.31	4.41	5.05	5.40	5.52
100.....	1.09	1.70	2.34	3.12	3.57	3.82	3.90
200.....	.77	1.20	1.65	2.21	2.53	2.70	2.76
400.....	.55	.85	1.17	1.56	1.79	1.91	1.95
600.....	.45	.69	.96	1.27	1.46	1.56	1.59
800.....	.39	.60	.83	1.10	1.26	1.35	1.38
1,000.....	.35	.54	.74	.99	1.13	1.21	1.23
<b>Idaho, Montana, Nevada</b>							
50.....	1.65	2.57	3.54	4.72	5.41	5.78	5.90
100.....	1.17	1.82	2.50	3.34	3.82	4.09	4.17
200.....	.83	1.29	1.77	2.36	2.70	2.89	2.95
400.....	.58	.91	1.25	1.67	1.91	2.04	2.09
600.....	.48	.74	1.02	1.36	1.56	1.67	1.70
800.....	.41	.64	.89	1.18	1.35	1.45	1.48
1,000.....	.37	.58	.79	1.06	1.21	1.29	1.32
<b>District of Columbia, Hawaii, Maine, New Hampshire, New Mexico, Utah</b>							
50.....	2.06	3.20	4.41	5.88	6.74	7.20	7.35
100.....	1.46	2.27	3.12	4.16	4.76	5.09	5.20
200.....	1.01	1.60	2.21	2.94	3.17	3.60	3.68
400.....	.73	1.13	1.56	2.08	2.38	2.55	2.60
600.....	.59	.93	1.27	1.70	1.95	2.08	2.12
800.....	.51	.80	1.10	1.47	1.68	1.80	1.84
1,000.....	.46	.72	.99	1.32	1.51	1.61	1.64
1,500.....	.38	.59	.81	1.07	1.23	1.32	1.34
2,000.....	.33	.51	.70	.93	1.07	1.14	1.16
<b>Rhode Island</b>							
50.....	2.18	3.39	4.67	6.22	7.13	7.62	7.78
100.....	1.54	2.40	3.30	4.40	5.04	5.39	5.50
200.....	1.09	1.69	2.33	3.11	3.56	3.81	3.89
400.....	.77	1.20	1.65	2.20	2.52	2.69	2.75
600.....	.63	.98	1.35	1.80	2.06	2.20	2.24
800.....	.54	.85	1.17	1.56	1.78	1.90	1.94
1,000.....	.49	.76	1.04	1.39	1.59	1.70	1.74
1,500.....	.40	.62	.85	1.14	1.30	1.39	1.42
<b>Arkansas, Colorado, Kansas, Massachusetts, Mississippi, Nebraska, West Virginia</b>							
50.....	2.74	4.27	5.88	7.84	8.98	9.60	9.80
100.....	1.94	3.02	4.16	5.54	6.35	6.79	6.93
200.....	1.37	2.14	2.94	3.92	4.49	4.80	4.90
400.....	.97	1.51	2.08	2.77	3.17	3.39	3.46
600.....	.79	1.23	1.70	2.26	2.59	2.77	2.83
800.....	.69	1.07	1.47	1.96	2.24	2.40	2.45
1,000.....	.61	.95	1.31	1.75	2.01	2.15	2.19
1,500.....	.50	.78	1.07	1.43	1.64	1.75	1.79
2,000.....	.43	.68	.93	1.24	1.42	1.52	1.55
2,500.....	.39	.60	.83	1.11	1.27	1.36	1.39
3,000.....	.27	.43	.59	.78	.90	.96	.98
3,500.....	.22	.35	.48	.64	.73	.78	.80
3,999.....	.19	.30	.42	.55	.64	.68	.69

**Table B-10. Continued—Sampling errors at 90-percent confidence level of civilian labor force participation rates for total or white persons by State**

State and size of civilian labor force (in thousands)	Estimated rate (percent)						
	2 or 98	5 or 95	10 or 90	20 or 80	30 or 70	40 or 60	50
Alabama, Arizona, California, Connecticut, Florida, Georgia, Illinois, Indiana, Iowa, Louisiana, Michigan, Missouri, New Jersey, New York, Ohio, Pennsylvania, South Carolina							
50.....	3.16	4.92	6.78	9.04	10.36	11.07	11.30
100.....	2.24	3.48	4.79	6.39	7.32	7.83	7.99
200.....	1.58	2.46	3.39	4.52	5.18	5.54	5.65
400.....	1.12	1.74	2.40	3.20	3.66	3.91	3.99
600.....	.91	1.42	1.96	2.61	2.99	3.20	3.26
800.....	.79	1.23	1.69	2.26	2.59	2.77	2.82
1,000.....	.71	1.10	1.52	2.02	2.32	2.48	2.53
1,500.....	.58	.90	1.24	1.65	1.89	2.02	2.06
2,000.....	.50	.78	1.07	1.43	1.64	1.75	1.79
2,500.....	.45	.70	.96	1.28	1.46	1.57	1.60
5,000.....	.32	.49	.68	.90	1.04	1.11	1.13
7,500.....	.26	.40	.55	.74	.85	.90	.92
9,999.....	.22	.35	.48	.64	.73	.78	.80
Kentucky, Minnesota, North Carolina, Oklahoma, Oregon, Tennessee, Texas, Washington, Wisconsin							
50.....	3.44	5.35	7.37	9.82	11.25	12.03	12.28
100.....	2.43	3.78	5.21	6.95	7.96	8.51	8.68
200.....	1.72	2.68	3.68	4.91	5.63	6.02	6.14
400.....	1.22	1.89	2.60	3.47	3.98	4.25	4.34
600.....	.99	1.55	2.13	2.84	3.25	3.47	3.54
800.....	.86	1.34	1.84	2.46	2.81	3.01	3.07
1,000.....	.77	1.20	1.65	2.20	2.52	2.69	2.75
1,500.....	.63	.98	1.35	1.79	2.05	2.20	2.24
2,000.....	.54	.85	1.16	1.55	1.78	1.90	1.94
2,500.....	.49	.76	1.04	1.39	1.59	1.70	1.74
5,000.....	.34	.54	.74	.98	1.13	1.20	1.23
7,500.....	.28	.44	.60	.80	.92	.98	1.00
9,999.....	.24	.38	.52	.69	.80	.85	.87
Maryland, Virginia							
50.....	3.65	5.68	7.82	10.43	11.95	12.77	13.04
100.....	2.58	4.02	5.53	7.37	8.45	9.03	9.22
200.....	1.83	2.84	3.91	5.21	5.97	6.39	6.52
400.....	1.29	2.01	2.77	3.69	4.22	4.52	4.61
600.....	1.05	1.64	2.26	3.01	3.45	3.69	3.76
800.....	.91	1.42	1.96	2.61	2.99	3.19	3.26
1,000.....	.82	1.27	1.75	2.33	2.67	2.86	2.92
1,500.....	.67	1.04	1.43	1.90	2.18	2.33	2.38
2,000.....	.58	.90	1.24	1.65	1.89	2.02	2.06
2,500.....	.52	.80	1.11	1.47	1.69	1.81	1.84
5,000.....	.37	.57	.78	1.04	1.19	1.28	1.30
7,500.....	.30	.46	.64	.85	.98	1.04	1.06
9,999.....	.26	.40	.55	.74	.84	.90	.92

**Table B-11. Sampling errors at 90-percent confidence level of civilian labor force participation rates for black and other persons by State**

State and size of civilian labor force (in thousands)	Estimated rate (percent)						
	2 or 98	5 or 95	10 or 90	20 or 80	30 or 70	40 or 60	50
<b>Alaska</b>							
50.....	0.91	1.42	1.96	2.61	2.99	3.19	3.26
100.....	.65	1.00	1.38	1.88	2.11	2.26	2.31
200.....	.46	.71	.98	1.30	1.49	1.60	1.63
400.....	.32	.50	.69	.92	1.06	1.13	1.15
600.....	.26	.41	.56	.75	.86	.92	.94
800.....	.23	.36	.49	.65	.75	.80	.82
<b>Montana, Nevada</b>							
50.....	1.64	2.56	3.52	4.70	5.38	5.76	5.87
100.....	1.16	1.81	2.49	3.32	3.81	4.07	4.15
200.....	.82	1.28	1.76	2.35	2.69	2.88	2.94
<b>Delaware</b>							
50.....	1.70	2.65	3.65	4.87	5.57	5.96	6.08
100.....	1.20	1.87	2.58	3.44	3.94	4.21	4.30
200.....	.85	1.33	1.82	2.43	2.79	2.98	3.04
400.....	.60	.98	1.29	1.72	1.97	2.11	2.15
600.....	.49	.77	1.05	1.40	1.61	1.72	1.76
800.....	.43	.66	.91	1.22	1.39	1.49	1.52
1,000.....	.38	.59	.82	1.09	1.25	1.33	1.36
<b>District of Columbia, Hawaii, New Mexico</b>							
50.....	2.00	3.12	4.29	5.72	6.56	7.01	7.15
100.....	1.42	2.20	3.03	4.05	4.64	4.96	5.06
200.....	1.00	1.56	2.15	2.86	3.20	3.50	3.58
400.....	.71	1.10	1.52	2.02	2.32	2.48	2.53
600.....	.58	.90	1.24	1.65	1.89	2.02	2.06
800.....	.50	.78	1.07	1.43	1.64	1.75	1.79
1,000.....	.45	.70	.96	1.28	1.47	1.57	1.60
1,500.....	.37	.57	.78	1.04	1.20	1.28	1.31
<b>Arkansas, Colorado, Kansas, Massachusetts, Mississippi</b>							
50.....	2.73	4.25	5.85	7.81	8.94	9.56	9.76
100.....	1.93	3.01	4.14	5.52	6.32	6.76	6.90
200.....	1.37	2.13	2.93	3.90	4.47	4.78	4.88
400.....	.97	1.50	2.07	2.76	3.16	3.38	3.45
600.....	.79	1.23	1.69	2.25	2.58	2.76	2.82
800.....	.68	1.06	1.46	1.95	2.24	2.39	2.44
1,000.....	.61	.95	1.31	1.75	2.00	2.14	2.18
1,500.....	.50	.78	1.07	1.43	1.63	1.75	1.78
2,000.....	.43	.67	.93	1.23	1.41	1.51	1.54
2,500.....	.39	.60	.83	1.10	1.26	1.35	1.38
5,000.....	.27	.43	.59	.78	.89	.96	.98
<b>Arizona, California, Connecticut, Florida, Illinois, Indiana, Louisiana, Michigan, Missouri, New Jersey, New York, Ohio, Pennsylvania, South Carolina</b>							
50.....	3.15	4.90	6.75	9.00	10.31	11.02	11.25
100.....	2.23	3.47	4.77	6.36	7.29	7.79	7.96
200.....	1.58	2.45	3.38	4.50	5.16	5.51	5.63
400.....	1.11	1.73	2.39	3.18	3.65	3.90	3.98
600.....	.91	1.42	1.95	2.60	2.98	3.18	3.25
800.....	.79	1.23	1.69	2.25	2.58	2.76	2.81
1,000.....	.70	1.10	1.51	2.01	2.31	2.46	2.52
1,500.....	.58	.90	1.23	1.64	1.88	2.01	2.05
2,000.....	.50	.78	1.07	1.42	1.63	1.74	1.78
2,500.....	.45	.69	.95	1.27	1.46	1.56	1.59
5,000.....	.32	.49	.68	.90	1.03	1.10	1.13
<b>Alabama, Georgia, Kentucky, North Carolina, Oklahoma, Tennessee, Texas, Washington, Wisconsin</b>							
50.....	3.43	5.33	7.34	9.79	11.21	11.99	12.23
100.....	2.42	3.77	5.19	6.92	7.93	8.48	8.65
200.....	1.71	2.67	3.67	4.89	5.61	5.99	6.12
400.....	1.21	1.89	2.60	3.46	3.96	4.24	4.33
600.....	.99	1.54	2.12	2.83	3.24	3.46	3.53
800.....	.86	1.33	1.84	2.45	2.80	3.00	3.06
1,000.....	.77	1.19	1.64	2.19	2.51	2.68	2.74
1,500.....	.63	.97	1.34	1.79	2.05	2.19	2.23
2,000.....	.54	.84	1.16	1.55	1.77	1.90	1.93
2,500.....	.48	.75	1.04	1.38	1.59	1.70	1.73
5,000.....	.34	.53	.73	.98	1.12	1.20	1.22
<b>Maryland, Virginia</b>							
50.....	3.64	5.66	7.80	10.40	11.91	12.73	13.00
100.....	2.57	4.01	5.51	7.35	8.42	9.00	9.19
200.....	1.82	2.83	3.90	5.20	5.96	6.37	6.50
400.....	1.29	2.00	2.76	3.68	4.21	4.50	4.59
600.....	1.05	1.64	2.25	3.00	3.44	3.68	3.75
800.....	.91	1.42	1.95	2.60	2.98	3.18	3.25
1,000.....	.81	1.27	1.74	2.32	2.66	2.85	2.91
1,500.....	.66	1.03	1.42	1.90	2.17	2.32	2.37
2,000.....	.58	.90	1.23	1.64	1.88	2.01	2.05
2,500.....	.51	.80	1.10	1.47	1.68	1.80	1.84
5,000.....	.36	.57	.78	1.04	1.19	1.27	1.30

**Table B-12. Sampling errors at 90-percent confidence level of estimated numbers of unemployed of total or white persons by Standard Metropolitan Statistical Areas and cities**

(In thousands)

Area	Estimated number										
	2	5	10	25	50	70	100	200	350	500	1,000
Albany SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Atlanta SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Baltimore SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Baltimore city.....	2	3	4	6	8	9	11	--	--	--	--
Boston SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Boston city.....	1	2	3	5	7	9	10	14	--	--	--
Buffalo SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Chicago SMSA.....	2	3	4	6	8	9	11	16	20	24	--
Chicago city.....	2	3	4	6	8	9	11	15	19	--	--
Cincinnati SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Cleveland SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Cleveland city.....	2	3	4	5	8	9	--	--	--	--	--
Dallas-Fort Worth SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Dallas city.....	2	3	4	6	8	9	--	--	--	--	--
Denver-Boulder SMSA.....	1	2	3	5	7	8	9	--	--	--	--
Detroit SMSA.....	2	3	4	6	8	9	11	15	20	--	--
Detroit city.....	2	3	4	6	8	9	11	14	--	--	--
Houston SMSA.....	2	3	4	6	8	9	11	15	--	--	--
Houston city.....	2	3	4	6	8	9	11	--	--	--	--
Indianapolis SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Kansas City SMSA.....	1	2	3	5	7	8	10	--	--	--	--
Los Angeles-Long Beach SMSA.....	2	3	4	6	8	9	11	16	20	24	--
Miami SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Milwaukee SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Milwaukee city.....	2	3	4	6	8	9	--	--	--	--	--
Minneapolis-St. Paul SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Nassau-Suffolk SMSA.....	2	3	4	6	8	9	11	15	--	--	--
New York SMSA.....	2	3	4	6	8	9	11	16	21	24	33
New York city.....	2	3	4	6	8	9	11	16	20	24	--
Newark SMSA.....	2	3	4	6	8	9	11	15	--	--	--
Philadelphia SMSA.....	2	3	4	6	8	9	11	16	20	--	--
Philadelphia city.....	2	3	4	6	8	9	11	15	--	--	--
Pittsburgh SMSA.....	2	3	4	6	8	9	11	15	--	--	--
Riverside-San Bernadino-Ontario SMSA.....	2	3	4	6	8	9	11	--	--	--	--
St. Louis SMSA.....	2	3	4	6	8	9	11	15	--	--	--
St. Louis city.....	2	3	4	5	7	9	--	--	--	--	--
San Diego SMSA.....	2	3	4	6	8	9	11	15	--	--	--
San Francisco-Oakland SMSA.....	2	3	4	6	8	9	11	15	20	--	--
San Jose SMSA.....	2	3	4	6	8	9	11	--	--	--	--
Seattle-Everett SMSA.....	2	3	4	6	8	9	11	14	--	--	--
Washington, D. C. SMSA.....	1	2	2	4	5	6	8	10	--	--	--

**Table B-13. Sampling errors at 90-percent confidence level of estimated numbers of persons unemployed for black and other races for Standard Metropolitan Statistical Areas and cities**

(In thousands)

Area	Estimated number							
	2	5	10	25	50	70	100	200
Atlanta SMSA.....	2	3	4	6	8	--	--	--
Baltimore SMSA.....	2	3	4	6	8	9	--	--
Baltimore city.....	2	3	4	6	8	9	--	--
Boston SMSA.....	2	2	3	5	--	--	--	--
Chicago SMSA.....	2	3	4	6	8	10	11	16
Chicago city.....	2	3	4	6	8	9	11	16
Cincinnati SMSA.....	2	3	4	6	8	--	--	--
Cleveland SMSA.....	2	3	4	6	8	--	--	--
Cleveland city.....	2	3	4	6	8	--	--	--
Dallas-Fort Worth SMSA.....	2	3	4	6	--	--	--	--
Dallas city.....	2	3	4	6	--	--	--	--
Denver-Boulder SMSA.....	1	2	3	--	--	--	--	--
Detroit SMSA.....	2	3	4	6	8	10	11	16
Detroit city.....	2	3	4	6	8	9	11	--
Houston SMSA.....	2	3	4	6	8	--	--	--
Houston city.....	2	3	4	6	8	--	--	--
Indianapolis SMSA.....	2	3	4	6	--	--	--	--
Kansas City SMSA.....	1	2	3	5	--	--	--	--
Los Angeles-Long Beach SMSA.....	2	3	4	6	8	10	11	16
Miami SMSA.....	2	3	4	6	8	--	--	--
Milwaukee SMSA.....	2	3	4	6	--	--	--	--
Milwaukee city.....	2	3	4	6	--	--	--	--
Nassau-Suffolk SMSA.....	2	3	4	6	--	--	--	--
New York SMSA.....	2	3	4	6	8	10	11	16
New York city.....	2	3	4	6	8	10	11	16
Newark SMSA.....	2	3	4	6	8	--	--	--
Philadelphia SMSA.....	2	3	4	6	8	10	11	16
Philadelphia city.....	2	3	4	6	8	9	11	--
Pittsburgh SMSA.....	2	3	4	6	--	--	--	--
Riverside-San Bernadino-Ontario SMSA.....	2	3	4	6	--	--	--	--
St. Louis SMSA.....	2	3	4	6	8	--	--	--
St. Louis city.....	2	3	4	6	8	--	--	--
San Diego SMSA.....	2	3	4	6	--	--	--	--
San Francisco-Oakland SMSA.....	2	3	4	6	8	10	--	--
San Jose SMSA.....	2	3	4	--	--	--	--	--
Seattle-Everett SMSA.....	2	3	4	--	--	--	--	--
Washington, D. C. SMSA.....	1	2	2	4	5	6	--	--



**Table B-14. Sampling errors at 90-percent confidence level of estimated labor force for total or white persons for Standard Metropolitan Statistical Areas and cities**

(In thousands)

Area	Estimated number											
	5	10	20	25	50	100	250	500	700	1,000	2,500	5,000
Amheim SMSA.....	3	5	7	7	10	14	21	27	28	24	--	--
Atlanta SMSA.....	3	5	7	7	10	14	21	25	24	15	--	--
Baltimore SMSA.....	3	5	7	7	10	14	22	28	29	--	--	--
Baltimore city.....	3	5	7	7	10	14	18	13	--	--	--	--
Boston SMSA.....	3	4	6	7	10	13	20	27	29	31	--	--
Buffalo SMSA.....	3	5	7	7	10	14	20	23	21	--	--	--
Chicago SMSA.....	3	5	7	7	10	15	23	32	37	42	53	--
Chicago city.....	3	5	7	7	10	15	22	29	32	34	--	--
Cincinnati SMSA.....	3	5	7	7	10	14	20	24	22	--	--	--
Cleveland SMSA.....	3	5	7	7	10	14	21	27	28	26	--	--
Cleveland city.....	3	5	7	7	10	13	16	--	--	--	--	--
Dallas-Fort Worth SMSA.....	3	5	7	7	10	14	21	26	27	23	--	--
Dallas city.....	3	5	7	7	10	14	19	17	--	--	--	--
Denver-Boulder SMSA.....	3	4	6	6	9	12	18	21	20	11	--	--
Detroit SMSA.....	3	5	7	7	10	15	23	30	34	38	30	--
Detroit city.....	3	5	7	7	10	14	20	22	17	--	--	--
Houston SMSA.....	3	5	7	7	10	14	22	28	31	32	--	--
Houston city.....	3	5	7	7	10	14	21	24	23	10	--	--
Indianapolis SMSA.....	3	5	7	7	10	14	20	21	16	--	--	--
Kansas City SMSA.....	3	4	6	7	9	13	18	21	18	--	--	--
Los Angeles-Long Beach SMSA.....	3	5	7	7	10	15	23	32	37	42	54	24
Miami SMSA.....	3	5	7	7	10	14	21	25	24	16	--	--
Milwaukee SMSA.....	3	5	7	7	10	14	21	24	23	11	--	--
Milwaukee city.....	3	5	7	7	10	13	16	--	--	--	--	--
Minneapolis-St. Paul SMSA.....	3	5	7	7	10	14	20	23	21	--	--	--
Nassau-Suffolk SMSA.....	3	5	7	7	10	15	22	29	32	33	--	--
New York SMSA.....	3	5	7	7	10	15	23	32	37	43	58	49
New York city.....	3	5	7	7	10	15	23	32	37	43	55	32
Newark SMSA.....	3	5	7	7	10	14	21	26	27	23	--	--
Philadelphia SMSA.....	3	5	7	7	10	15	23	31	35	40	40	--
Philadelphia city.....	3	5	7	7	10	14	21	26	27	24	--	--
Pittsburgh SMSA.....	3	5	7	7	10	14	22	28	31	31	--	--
Riverside-San Bernadino-Ontario SMSA.....	3	5	7	7	10	14	20	23	20	--	--	--
St. Louis SMSA.....	3	5	7	7	10	14	22	28	30	31	--	--
St. Louis city.....	3	5	6	7	10	13	14	--	--	--	--	--
San Diego SMSA.....	3	5	7	7	10	14	21	25	25	19	--	--
San Francisco-Oakland SMSA.....	3	5	7	7	10	15	22	30	33	36	--	--
San Jose SMSA.....	3	5	7	7	10	14	20	22	19	--	--	--
Seattle-Everett SMSA.....	3	5	7	7	10	14	21	25	24	15	--	--
Washington, D. C. SMSA.....	2	3	5	5	7	10	15	20	22	23	--	--

**Table B-15. Sampling errors at 90-percent confidence level of estimated civilian labor force for black and other persons for Standard Metropolitan Statistical Areas and cities**

(In thousands)

Area	Estimated number											
	5	10	20	25	50	100	250	500	700	1,000	2,500	
Atlanta SMSA.....	3	5	7	7	10	14	21	25	--	--	--	--
Baltimore SMSA.....	3	5	7	7	10	14	21	27	--	--	--	--
Baltimore city.....	3	5	7	7	10	13	18	13	--	--	--	--
Boston SMSA.....	3	4	6	7	10	13	20	--	--	--	--	--
Chicago SMSA.....	3	5	7	7	10	15	23	31	36	42	--	--
Chicago city.....	3	5	7	7	10	14	22	29	32	34	--	--
Cincinnati SMSA.....	3	5	7	7	10	14	20	--	--	--	--	--
Cleveland SMSA.....	3	5	7	7	10	14	21	27	--	--	--	--
Cleveland city.....	3	5	6	7	10	13	15	--	--	--	--	--
Dallas-Fort Worth SMSA.....	3	5	7	7	10	14	21	26	--	--	--	--
Dallas city.....	3	5	7	7	10	14	19	--	--	--	--	--
Denver-Boulder SMSA.....	3	4	6	6	9	12	--	--	--	--	--	--
Detroit SMSA.....	3	5	7	7	10	15	22	30	34	--	--	--
Detroit city.....	3	5	7	7	10	14	20	22	--	--	--	--
Houston SMSA.....	3	5	7	7	10	14	22	28	--	--	--	--
Houston city.....	3	5	7	7	10	14	20	24	--	--	--	--
Indianapolis SMSA.....	3	5	7	7	10	14	20	--	--	--	--	--
Kansas City SMSA.....	3	4	6	7	9	13	18	--	--	--	--	--
Los Angeles-Long Beach SMSA.....	3	5	7	7	10	15	23	32	37	42	--	--
Miami SMSA.....	3	5	7	7	10	14	21	25	--	--	--	--
Milwaukee SMSA.....	3	5	7	7	10	14	--	--	--	--	--	--
Milwaukee city.....	3	5	6	7	10	13	--	--	--	--	--	--
Nassau-Suffolk SMSA.....	3	5	7	7	10	14	22	--	--	--	--	--
New York SMSA.....	3	5	7	7	10	15	23	32	37	43	58	49
New York city.....	3	5	7	7	10	15	23	32	37	42	55	32
Newark SMSA.....	3	5	7	7	10	14	21	26	--	--	--	--
Philadelphia SMSA.....	3	5	7	7	10	15	23	31	35	--	--	--
Philadelphia city.....	3	5	7	7	10	14	21	26	--	--	--	--
Pittsburgh SMSA.....	3	5	7	7	10	14	--	--	--	--	--	--
Riverside-San Bernadino-Ontario SMSA.....	3	5	7	7	10	14	--	--	--	--	--	--
St. Louis SMSA.....	3	5	7	7	10	14	22	28	--	--	--	--
St. Louis city.....	3	5	6	7	10	13	14	--	--	--	--	--
San Diego SMSA.....	3	5	7	7	10	14	21	--	--	--	--	--
San Francisco-Oakland SMSA.....	3	5	7	7	10	15	22	30	33	--	--	--
San Jose SMSA.....	3	5	7	7	10	14	--	--	--	--	--	--
Seattle-Everett SMSA.....	3	5	7	7	10	14	--	--	--	--	--	--
Washington, D. C. SMSA.....	2	3	5	5	7	10	15	20	22	23	--	--

**Table B-16. Sampling errors at 90-percent confidence level of estimated employment for total or white persons for Standard Metropolitan Statistical Areas and cities**

(In thousands)

Area	Estimated number											
	5	10	20	25	50	100	250	500	700	1,000	2,500	5,000
Anaheim SMSA.....	3	5	7	7	10	14	21	27	28	24	--	--
Atlanta SMSA.....	3	5	7	7	10	14	21	25	24	15	--	--
Baltimore SMSA.....	3	5	7	7	10	14	22	28	29	29	--	--
Baltimore city.....	3	5	7	7	10	14	18	13	--	--	--	--
Boston SMSA.....	3	4	6	7	10	13	20	27	29	31	--	--
Buffalo SMSA.....	3	5	7	7	10	14	20	23	21	--	--	--
Chicago SMSA.....	3	5	7	7	10	15	23	32	37	42	53	--
Chicago city.....	3	5	7	7	10	15	22	29	32	34	--	--
Cincinnati SMSA.....	3	5	7	7	10	14	20	24	22	--	--	--
Cleveland SMSA.....	3	5	7	7	10	14	21	27	28	26	--	--
Cleveland city.....	3	5	7	7	10	13	16	--	--	--	--	--
Dallas-Fort Worth SMSA.....	3	5	7	7	10	14	21	26	27	23	--	--
Dallas city.....	3	5	7	7	10	14	19	17	--	--	--	--
Denver-Boulder SMSA.....	3	4	6	6	9	12	18	21	20	11	--	--
Detroit SMSA.....	3	5	7	7	10	15	23	30	34	38	30	--
Detroit city.....	3	5	7	7	10	14	20	22	17	--	--	--
Houston SMSA.....	3	5	7	7	10	14	22	28	31	32	--	--
Houston city.....	3	5	7	7	10	14	21	24	23	10	--	--
Indianapolis SMSA.....	3	5	7	7	10	14	20	21	16	--	--	--
Kansas City SMSA.....	3	4	6	7	9	13	18	21	18	--	--	--
Los Angeles-Long Beach SMSA.....	3	5	7	7	10	15	23	32	37	42	54	24
Miami SMSA.....	3	5	7	7	10	14	21	25	24	16	--	--
Milwaukee SMSA.....	3	5	7	7	10	14	21	24	23	11	--	--
Milwaukee city.....	3	5	7	7	10	13	16	--	--	--	--	--
Minneapolis-St. Paul SMSA.....	3	5	7	7	10	14	20	23	21	--	--	--
Nassau-Suffolk SMSA.....	3	5	7	7	10	15	22	29	32	33	--	--
New York SMSA.....	3	5	7	7	10	15	23	32	37	43	58	49
New York city.....	3	5	7	7	10	15	23	32	37	43	55	32
Newark SMSA.....	3	5	7	7	10	14	21	26	27	23	--	--
Philadelphia SMSA.....	3	5	7	7	10	15	23	31	35	40	40	--
Philadelphia city.....	3	5	7	7	10	14	21	26	27	24	--	--
Pittsburgh SMSA.....	3	5	7	7	10	14	22	28	31	31	--	--
Riverside-San Bernardino-Ontario SMSA.....	3	5	7	7	10	14	20	28	31	20	--	--
St. Louis SMSA.....	3	5	7	7	10	14	22	28	30	31	--	--
St. Louis city.....	3	5	6	7	10	13	14	--	--	--	--	--
San Diego SMSA.....	3	5	7	7	10	14	21	25	25	19	--	--
San Francisco-Oakland SMSA.....	3	5	7	7	10	15	22	30	33	36	--	--
San Jose SMSA.....	3	5	7	7	10	14	20	22	19	--	--	--
Seattle-Everett SMSA.....	3	5	7	7	10	14	21	25	24	15	--	--
Washington, D. C. SMSA.....	2	3	5	5	7	10	15	20	22	23	--	--

**Table B-17. Sampling errors at 90-percent confidence level of estimated employment for black and other persons for Standard Metropolitan Statistical Areas and cities**

(In thousands)

Area	Estimated number										
	5	10	20	25	50	100	250	500	700	1,000	2,500
Atlanta SMSA.....	3	5	7	7	10	14	21	25	--	--	--
Baltimore SMSA.....	3	5	7	7	10	14	21	27	--	--	--
Baltimore city.....	3	5	7	7	10	13	18	13	--	--	--
Boston SMSA.....	3	4	6	7	10	13	20	--	--	--	--
Chicago SMSA.....	3	5	7	7	10	15	23	31	36	42	--
Chicago city.....	3	5	7	7	10	14	22	29	32	34	--
Cincinnati SMSA.....	3	5	7	7	10	14	20	--	--	--	--
Cleveland SMSA.....	3	5	7	7	10	14	21	27	--	--	--
Cleveland city.....	3	5	6	7	10	13	15	--	--	--	--
Dallas-Fort Worth SMSA.....	3	5	7	7	10	14	21	26	--	--	--
Dallas city.....	3	5	7	7	10	14	19	--	--	--	--
Denver-Boulder SMSA.....	3	4	6	6	9	12	--	--	--	--	--
Detroit SMSA.....	3	5	7	7	10	15	22	30	34	--	--
Detroit city.....	3	5	7	7	10	14	20	22	--	--	--
Houston SMSA.....	3	5	7	7	10	14	22	28	--	--	--
Houston city.....	3	5	7	7	10	14	20	24	--	--	--
Indianapolis SMSA.....	3	5	7	7	10	14	20	--	--	--	--
Kansas City SMSA.....	3	4	6	7	9	13	18	--	--	--	--
Los Angeles-Long Beach SMSA.....	3	5	7	7	10	15	23	32	37	42	--
Miami SMSA.....	3	5	7	7	10	14	21	25	--	--	--
Milwaukee SMSA.....	3	5	7	7	10	14	--	--	--	--	--
Milwaukee city.....	3	5	6	7	10	13	--	--	--	--	--
Nassau-Suffolk SMSA.....	3	5	7	7	10	14	22	--	--	--	--
New York SMSA.....	3	5	7	7	10	15	23	32	37	43	58
New York city.....	3	5	7	7	10	15	23	32	37	42	55
Newark SMSA.....	3	5	7	7	10	14	21	26	--	--	--
Philadelphia SMSA.....	3	5	7	7	10	15	23	31	35	--	--
Philadelphia city.....	3	5	7	7	10	14	21	26	--	--	--
Pittsburgh SMSA.....	3	5	7	7	10	14	--	--	--	--	--
Riverside-San Bernardino-Ontario SMSA.....	3	5	7	7	10	14	--	--	--	--	--
St. Louis SMSA.....	3	5	7	7	10	14	22	28	--	--	--
St. Louis city.....	3	5	6	7	10	13	14	--	--	--	--
San Diego SMSA.....	3	5	7	7	10	14	21	--	--	--	--
San Francisco-Oakland SMSA.....	3	5	7	7	10	15	22	30	33	--	--
San Jose SMSA.....	3	5	7	7	10	14	--	--	--	--	--
Seattle-Everett SMSA.....	3	5	7	7	10	14	--	--	--	--	--
Washington, D. C. SMSA.....	2	3	5	5	7	10	15	20	22	23	--

**Table B-18. Sampling errors at 90-percent confidence level of estimated unemployment rate for total or white persons for Standard Metropolitan Statistical Areas and cities**

Area and size of labor force (in thousands)	Estimated rate (percent)								
	1	2	4	6	8	10	15	20	25
<b>Washington, D.C. SMSA</b>									
5.....	3.42	4.80	6.66	8.00	9.06	9.92	11.50	12.47	12.99
10.....	2.42	3.39	4.71	5.66	6.41	7.02	8.13	8.82	9.19
20.....	1.71	2.40	3.33	4.00	4.53	4.96	5.75	6.24	6.50
25.....	1.53	2.14	2.98	3.58	4.05	4.44	5.15	5.58	5.82
50.....	1.08	1.52	2.11	2.53	2.87	3.14	3.64	3.95	4.12
100.....	.77	1.07	1.49	1.79	2.03	2.22	2.58	2.80	2.93
250.....	.48	.68	.94	1.13	1.29	1.41	1.64	1.79	1.87
500.....	.34	.48	.67	.80	.91	1.00	1.17	1.28	1.35
700.....	.29	.41	.57	.68	.77	.85	1.00	1.09	1.15
1,000.....	.24	.34	.47	.57	.65	.72	.84	.93	.99
2,500.....	.15	.22	.30	.37	.42	.47	.56	.63	.68
5,000.....	.11	.15	.22	.27	.31	.34	.42	.49	.54
<b>Boston SMSA</b>									
<b>Denver-Boulder SMSA</b>									
<b>Kansas City SMSA</b>									
5.....	4.64	6.50	9.03	10.85	12.29	13.46	15.60	16.92	17.62
10.....	3.26	4.60	6.39	7.68	8.69	9.52	11.03	11.97	12.46
20.....	2.32	3.25	4.52	5.43	6.15	6.73	7.80	8.47	8.82
25.....	2.08	2.91	4.04	4.86	5.50	6.02	6.98	7.58	7.89
50.....	1.47	2.06	2.86	3.43	3.89	4.26	4.94	5.36	5.59
100.....	1.04	1.45	2.02	2.43	2.75	3.02	3.50	3.80	3.97
250.....	.66	.92	1.28	1.54	1.75	1.91	2.23	2.43	2.54
500.....	.46	.65	.91	1.09	1.24	1.36	1.59	1.74	1.83
700.....	.39	.55	.77	.93	1.05	1.16	1.35	1.49	1.57
1,000.....	.33	.46	.64	.78	.88	.97	1.14	1.26	1.34
2,500.....	.21	.29	.41	.50	.57	.63	.76	.86	.93
<b>All other SMSA's and all cities</b>									
5.....	5.01	7.03	9.76	11.73	13.28	14.55	16.86	18.30	19.07
10.....	3.54	4.97	6.90	8.30	9.39	10.29	11.93	12.96	13.51
20.....	2.51	3.51	4.88	5.87	6.65	7.29	8.45	9.19	9.59
25.....	2.24	3.14	4.37	5.25	5.95	6.52	7.57	8.23	8.60
50.....	1.59	2.22	3.09	3.72	4.22	4.62	5.38	5.86	6.14
100.....	1.12	1.57	2.19	2.64	2.99	3.29	3.84	4.20	4.43
250.....	.71	1.00	1.39	1.68	1.92	2.11	2.50	2.77	2.96
500.....	.50	.71	1.00	1.21	1.39	1.54	1.84	2.08	2.27
700.....	.43	.60	.85	1.03	1.19	1.32	1.61	1.84	2.03
1,000.....	.36	.51	.72	.88	1.02	1.14	1.40	1.63	1.83
2,500.....	.23	.33	.48	.60	.71	.82	1.06	1.29	1.50
5,000.....	.17	.24	.37	.48	.58	.68	.92	1.15	1.38
9,999.....	.12	.19	.29	.40	.50	.59	.83	1.07	1.31

**Table B-19. Sampling errors at 90-percent confidence level of estimated unemployment rate for black and other persons for Standard Metropolitan Statistical Areas and cities**

Area and size of labor force (in thousands)	Estimated rate (percent)								
	1	2	4	6	8	10	15	20	25
<b>Washington, D.C. SMSA</b>									
5.....	3.49	4.85	6.80	8.18	9.27	10.17	11.82	12.88	13.48
10.....	2.47	3.46	4.81	5.78	6.56	7.19	8.36	9.11	9.53
20.....	1.74	2.45	3.40	4.09	4.64	5.08	5.91	6.44	6.75
25.....	1.56	2.19	3.04	3.66	4.15	4.55	5.29	5.76	6.04
50.....	1.10	1.55	2.15	2.59	2.93	3.22	3.74	4.08	4.27
100.....	.78	1.09	1.52	1.83	2.08	2.28	2.65	2.89	3.03
250.....	.49	.69	.96	1.16	1.32	1.44	1.68	1.84	1.94
500.....	.35	.49	.68	.82	.93	1.03	1.20	1.32	1.39
700.....	.30	.41	.58	.70	.79	.87	1.02	1.12	1.19
1,000.....	.25	.35	.48	.58	.66	.73	.86	.95	1.01
<b>Boston SMSA</b>									
<b>Denver-Boulder SMSA</b>									
<b>Kansas City SMSA</b>									
5.....	4.73	6.64	9.22	11.10	12.57	13.79	16.03	17.47	18.28
10.....	3.35	4.69	6.52	7.85	8.89	9.75	11.34	12.35	12.93
20.....	2.37	3.32	4.61	5.55	6.29	6.90	8.02	8.74	9.15
25.....	2.12	2.97	4.13	4.95	5.63	6.17	7.17	7.82	8.19
50.....	1.50	2.10	2.92	3.51	3.98	4.36	5.08	5.54	5.80
100.....	1.06	1.48	2.06	2.48	2.82	3.09	3.60	3.92	4.12
250.....	.67	.94	1.31	1.57	1.78	1.96	2.29	2.50	2.63
<b>All other SMSA's and all cities</b>									
5.....	5.11	7.17	9.97	11.99	13.59	14.90	17.33	18.89	19.78
10.....	3.62	5.07	7.05	8.48	9.61	10.54	12.26	13.37	14.01
20.....	2.56	3.59	4.99	6.00	6.80	7.46	8.69	9.48	9.94
25.....	2.29	3.21	4.46	5.37	6.09	6.68	7.78	8.49	8.91
50.....	1.62	2.27	3.16	3.80	4.31	4.73	5.52	6.04	6.36
100.....	1.14	1.61	2.24	2.70	3.06	3.36	3.94	4.32	4.57
250.....	.72	1.02	1.42	1.72	1.96	2.16	2.55	2.83	3.04
500.....	.51	.72	1.01	1.23	1.41	1.56	1.87	2.11	2.31
700.....	.43	.61	.86	1.05	1.21	1.35	1.63	1.86	2.05
1,000.....	.36	.52	.73	.89	1.03	1.16	1.42	1.64	1.84
2,500.....	.23	.33	.48	.61	.72	.82	1.05	1.27	1.48

**Table B-20. Sampling errors at 90-percent confidence level of civilian labor force participation rate for total or white persons for Standard Metropolitan Statistical Areas and cities**

Area and size of population (in thousands)	Estimated rate (percent)						
	2 or 98	5 or 96	10 or 90	20 or 80	30 or 70	40 or 60	50
<b>Washington, D.C. SMSA</b>							
10.....	4.50	7.01	9.64	12.86	14.73	15.75	16.07
20.....	3.18	4.95	6.82	9.09	10.42	11.13	11.36
25.....	2.85	4.43	6.10	8.13	9.32	9.96	10.16
50.....	2.01	3.13	4.31	5.75	6.59	7.04	7.19
100.....	1.42	2.22	3.05	4.07	4.66	4.98	5.08
250.....	.90	1.40	1.93	2.57	2.95	3.15	3.21
500.....	.64	.99	1.36	1.82	2.08	2.23	2.27
700.....	.54	.84	1.15	1.54	1.76	1.88	1.92
1,000.....	.45	.70	.96	1.29	1.47	1.57	1.61
2,500.....	.28	.44	.61	.81	.93	1.00	1.02
5,000.....	.20	.31	.43	.58	.66	.70	.72
<b>Boston SMSA</b>							
<b>Denver-Boulder SMSA</b>							
<b>Kansas City SMSA</b>							
10.....	6.10	9.50	13.08	17.44	19.98	21.36	21.80
20.....	4.32	6.72	9.25	12.33	14.13	15.10	15.42
25.....	3.86	6.01	8.27	11.03	12.64	13.51	13.79
50.....	2.73	4.25	5.85	7.80	8.94	9.55	9.75
100.....	1.93	3.01	4.14	5.52	6.32	6.75	6.89
250.....	1.22	1.90	2.62	3.49	4.00	4.27	4.36
500.....	.86	1.34	1.85	2.47	2.83	3.02	3.08
700.....	.73	1.14	1.56	2.08	2.39	2.55	2.61
1,000.....	.61	.95	1.31	1.74	2.00	2.14	2.18
2,500.....	.39	.60	.83	1.10	1.26	1.35	1.38
5,000.....	.27	.42	.58	.78	.89	.96	.97
<b>All other SMSA's and all cities</b>							
10.....	6.59	10.26	14.13	18.84	21.58	23.07	23.55
20.....	4.66	7.26	9.99	13.32	15.26	16.32	16.65
25.....	4.17	6.49	8.94	11.91	13.65	14.59	14.89
50.....	2.95	4.59	6.32	8.43	9.65	10.32	10.53
100.....	2.09	3.25	4.47	5.96	6.83	7.30	7.45
250.....	1.32	2.05	2.83	3.77	4.32	4.61	4.71
500.....	.93	1.45	2.00	2.66	3.05	3.26	3.33
700.....	.79	1.23	1.69	2.25	2.58	2.76	2.81
1,000.....	.66	1.03	1.41	1.88	2.16	2.31	2.35
2,500.....	.42	.65	.89	1.19	1.37	1.46	1.49
5,000.....	.29	.46	.63	.84	.97	1.03	1.05
9,999.....	.21	.32	.45	.60	.68	.73	.74

**Table B-21. Sampling errors at 90-percent confidence level of civilian labor force participation rate for black and other persons for Standard Metropolitan Statistical Areas and cities**

Area and size of population (in thousands)	Estimated rate (percent)						
	2 or 98	5 or 96	10 or 90	20 or 80	30 or 70	40 or 60	50
<b>Washington, D.C. SMSA</b>							
10.....	4.48	6.97	9.60	12.79	14.66	15.67	15.99
20.....	3.17	4.93	6.79	9.05	10.37	11.08	11.31
25.....	2.83	4.41	6.07	8.09	9.27	9.91	10.12
50.....	2.00	3.12	4.29	5.72	6.56	7.01	7.15
100.....	1.42	2.20	3.03	4.05	4.64	4.96	5.06
250.....	.90	1.39	1.92	2.56	2.92	3.13	3.20
500.....	.63	.99	1.36	1.81	2.07	2.22	2.26
700.....	.54	.83	1.15	1.53	1.75	1.87	1.91
1,000.....	.45	.70	.96	1.28	1.47	1.57	1.60
2,500.....	.28	.44	.61	.81	.93	.99	1.01
<b>Boston SMSA</b>							
<b>Denver-Boulder SMSA</b>							
<b>Kansas City SMSA</b>							
10.....	6.07	9.46	13.02	17.36	19.88	21.26	21.69
20.....	4.30	6.69	9.20	12.27	14.06	15.03	15.34
25.....	3.84	5.98	8.23	10.98	12.58	13.44	13.72
50.....	2.72	4.23	5.82	7.76	8.89	9.51	9.70
100.....	1.92	2.99	4.12	5.49	6.29	6.72	6.86
250.....	1.21	1.89	2.60	3.47	3.94	4.25	4.34
<b>All other SMSA's and all cities</b>							
10.....	6.56	10.21	14.06	18.75	21.48	22.96	23.43
20.....	4.64	7.22	9.94	13.26	15.19	16.24	16.57
25.....	4.15	6.46	8.89	11.86	13.58	14.52	14.82
50.....	2.93	4.57	6.29	8.38	9.61	10.27	10.48
100.....	2.07	3.23	4.45	5.93	6.79	7.26	7.41
250.....	1.31	2.04	2.81	3.75	4.30	4.59	4.69
500.....	.93	1.44	1.99	2.65	3.04	3.25	3.31
700.....	.78	1.22	1.68	2.24	2.57	2.74	2.80
1,000.....	.66	1.02	1.41	1.87	2.15	2.30	2.34
2,500.....	.41	.65	.89	1.19	1.36	1.45	1.48
5,000.....	.29	.46	.63	.84	.96	1.03	1.05



## Appendix C. Geographic Boundary Definitions for the 30 Largest Metropolitan Areas

This appendix lists the boundary definitions of the 30 largest metropolitan areas in the United States, using the two methods by which the areas are defined for statistical purposes—Standard Metropolitan Statistical Areas (SMSA's) and Labor Market Areas (LMA's).

The Department of Labor has used LMA's for a number of years for various administrative and program purposes. Designed to measure conditions of the labor force within reasonable commuting distance of a large central city (or cities), the boundaries for almost all LMA's are the same as those for SMSA's as defined by the Office of Federal Statistical Policy and Standards. SMSA boundaries are defined using a set of uniform criteria, while LMA's are defined jointly by the State Employment Security agencies and the Department of Labor. Since many LMA's were established before they were designated as an SMSA, there are a few areas

where boundary differences reflect this initial classification discrepancy.

An SMSA is defined as a county containing at least one city with 50,000 inhabitants or more, or several economically and socially related contiguous counties with at least one city of 25,000 inhabitants or more. In the New England States, where SMSA's are comprised of cities and towns, the minimum population size is 75,000.

The boundaries of SMSA's are occasionally revised. The table that follows compares the boundaries of the 30 largest SMSA's in 1970 and 1973 (the current SMSA boundaries) with the current LMA boundaries. Estimates in section III refer to SMSA's while those in section IV refer to LMA's. LMA boundaries are revised periodically, and are published annually in the May issue of *Employment and Earnings*.

**Table C-1. Geographic boundaries of metropolitan areas (SMSA's and LMA's)**

Area	SMSA 1970 definition <sup>1</sup>	SMSA 1973 definition <sup>2</sup>	LMA definition <sup>3</sup>
Anaheim-Santa Ana-Garden Grove . . .	Orange County	Same	Same
Atlanta . . . . .	Counties of Cobb, Clayton, DeKalb, <b>Fulton, Gwinnett</b>	1970 definition plus counties of Butts, Cherokee, Douglas, Fayette, Forsyth, Henry, Newton, Paulding, Rockdale, Walton	1973 definition
Baltimore . . . . .	City of Baltimore, Counties of Anne Arundel, Baltimore, Carroll, Harford, and Howard	Same	Same
Boston . . . . .	Suffolk County and parts of Counties of Essex, Middlesex, Norfolk, Plymouth	1970 definition plus Boxford Town in Essex County; Towns of Acton, Boxborough, Carlisle, Holliston in Middlesex County; Bellingham, Foxborough, Franklin, Medway, Stoughton, Wrentham in Norfolk County; and Abington, Hanson, Kingston in Plymouth County.	1973 definition
Buffalo . . . . .	Counties of Erie, Niagara	Same	Same
Chicago . . . . .	Counties of Cook, Du Page, Kane, Lake, McHenry, Will	Same	Same
Cincinnati . . . . .	Ohio portion: Counties of Clermont, Hamilton, Warren  Kentucky portion: Counties of Boone, Campbell, Kenton  Indiana portion: Dearborn County	Same	Same
Cleveland . . . . .	Counties of Cuyahoga, Geauga, Lake, Medina	Same	Same
Dallas-Fort Worth . . . . .	Counties of Collin, Dallas, Denton, Ellis, Kaufman, Rockwall, Johnson, Tarrant	1970 definition plus Counties of Hood, Parker, and Wise	Same
Denver-Boulder . . . . .	Counties of Adams, Arapahoe, Boulder, Jefferson, Denver	<b>1970 definition plus Counties of Douglas, Gilpin</b>	1973 definition plus Clear Creek County
Detroit . . . . .	Counties of Macomb, Oakland, Wayne	1970 definition plus Counties of Lapeer, Livingston, St. Clair	1973 definition
Houston . . . . .	Counties of Brazoria, Fort Bend, Harris, Liberty, Montgomery	1970 definition plus Waller County	1973 definition
Indianapolis . . . . .	Counties of Boone, Hamilton, Hancock, Hendricks, Johnson, Marion, Morgan, Shelby	Same	Same
Kansas City . . . . .	Missouri portion: Counties of Cass, Clay, Jackson, Platte  Kansas portion: Counties of Johnson, Wyandotte	1970 definition plus Ray County, Mo.	1973 definition
Los Angeles-Long Beach . . . . .	Los Angeles County	Same	Same
Miami . . . . .	Dade County	Same	Same
Milwaukee . . . . .	Counties of Milwaukee, Ozaukee, Washington, Waukesha	Same	Same
Minneapolis-St. Paul . . . . .	Minnesota portion: Counties of Anoka, Dakota, Hennepin, Ramsey, Washington	1970 definition plus Counties of <b>Carver, Chisago, Scott, Wright</b> , Minn., and St. Croix, Wis.	1973 definition minus St. Croix County
Nassau-Suffolk . . . . .	Counties of Nassau, Suffolk	Same	Same

See footnotes at end of table.

**Table C-1. Continued—Geographic boundaries of metropolitan areas (SMSA's and LMA's)**

Area	SMSA 1970 definition <sup>1</sup>	SMSA 1973 definition <sup>2</sup>	LMA definition <sup>3</sup>
New York . . . . .	New York portion: New York City (5 Counties), and Counties of Rockland, Westchester	1970 definition plus Putnam County, N.Y., and Bergen County, N.J.	1973 definition minus Bergen County
Newark . . . . .	Counties of Essex, Morris, Union	1970 definition plus Somerset County	1973 definition
Philadelphia . . . . .	Pennsylvania portion: Counties of Bucks, Chester, Delaware, Montgomery, Philadelphia  New Jersey portion: Counties of Burlington, Camden, Gloucester	Same	Same
Pittsburgh . . . . .	Counties of Allegheny, Beaver, Washington, Westmoreland	Same	Same
Riverside-San Bernardino-Ontario . . . . .	Counties of Riverside, San Bernardino	Same	Same
St. Louis . . . . .	Missouri portion: St. Louis City and Counties of Franklin, Jefferson, St. Charles, St. Louis  Illinois portion: Counties of Madison, St. Clair	1970 definition plus Counties of Clinton, Monroe, Ill.	1973 definition
San Francisco-Oakland . . . . .	Counties of Alameda, Contra Costa, Marin, San Francisco, San Mateo	Same	Same
San Jose . . . . .	Santa Clara County	Same	Same
San Diego . . . . .	San Diego County	Same	Same
Seattle-Everett . . . . .	Counties of King, Snohomish	Same	Same
Washington, D.C. . . . .	District of Columbia  Virginia portion: Counties of Arlington, Fairfax, Loudoun, Prince William, Cities of Alexandria, Falls Church, Fairfax, Manassas, Manassas Park  Maryland portion: Counties of Montgomery, Prince Georges	1970 definition plus Charles County, Md.	1973 definition

<sup>1</sup> 1970 area definitions are used in section III, tables 9 and 17.

<sup>2</sup> 1973 area definitions are used in all tables in section III except as indicated in footnote 1, above.

<sup>3</sup> A Labor Market Area (LMA) is defined by the Department of Labor for

program purposes. In most metropolitan areas, the LMA and SMSA are conterminous. All data in section IV refer to LMA's unless specifically noted.

# Appendix D. Procedures for Estimating Employment and Unemployment Under the Federal-State Cooperative Program

## Estimating methods

Employment and unemployment estimates for the 10 largest States (California, New York, Texas, Illinois, Pennsylvania, Ohio, Michigan, Florida, New Jersey, and Massachusetts) and two areas (New York City and the Los Angeles-Long Beach LMA) are taken directly from the Current Population Survey (CPS). For a description of CPS concepts, see the BLS periodical *Employment and Earnings*, Explanatory Note A, "Household Data."

Estimates for the remaining 40 States and the District of Columbia are prepared by State employment security agencies under standardized procedures developed by the Bureau of Labor Statistics. The estimates are prepared in several stages, as explained below.

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

## 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 CPS. Factors for adjusting from place of work to place of residence have been developed for the major categories of employment by class of worker and industry on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

Estimates of employment for workers not covered by the payroll survey, such as agricultural workers and self-employed and unpaid family workers, are also developed

using special surveys, national historical relationships, and census data.

## Preliminary estimate—unemployment

In the current month, the estimate of unemployment is an aggregate of the estimates for each of three categories: (1) Persons who were previously employed in industries covered by State UI laws; (2) those previously employed in industries not covered by these laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation. This is referred to below as the UI-based estimate.

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

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

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) 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 variations 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)

### Correction factors

Correction factors are then applied at the State level to the UI-based estimates obtained above for each of the 40 States and District of Columbia. These correction factors are based on the ratio of the CPS to the UI-based estimates for the 6-month period ending in the current month (e.g., a 6-month moving average).

### Sub-State adjustment for additivity

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

### Benchmark correction procedures

Once each year monthly estimates prepared by State

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

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

The CPS estimates in the 10 large States and two large areas are adjusted each year to incorporate revised independent population estimates provided by the Bureau of the Census. These revised population estimates affect the levels of employment and unemployment, but do not affect the unemployment rates.

The estimates for LMAs in section IV have been adjusted to conform to CPS annual averages estimates for the States.

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