

Geographic Profile of Employment and Unemployment, 1998



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Preface

Annual data on the labor force, employment, and unemployment in States and sub-State areas are available from two major sources—the Current Population Survey (CPS) and the Local Area Unemployment Statistics (LAUS) program. The CPS is a sample survey of about 50,000 households conducted by the Bureau of the Census for the Bureau of Labor Statistics (BLS). The LAUS program is a Federal-State cooperative endeavor, in which State employment security agencies prepare estimates using concepts, definitions, and estimation procedures prescribed by BLS.

This bulletin presents 1998 annual averages from the CPS for census regions and divisions, the 50 States and the District of Columbia, 50 large metropolitan areas, and 17 central cities. Data are provided on the employed and unemployed by selected demographic and economic characteristics.

Tables 1-11 present 1998 annual average labor force estimates for census regions and divisions. Similar information for all States and the District of Columbia appears in tables 12-22. All these data incorporate updated 1990 census-based population controls, adjusted for the estimated undercount. The LAUS program uses the total CPS estimates for States and the District of Columbia as the official annual average labor force statistics.

Tables 23-27 display 1998 annual average rates, ratios, and percent distributions from the CPS for 50 large metropolitan areas and 17 central cities. Levels for the various labor force categories are not presented because independent 1990 census-based population controls, adjusted for the esti-

mated undercount, are not generally available for geographic areas below the State level. **The CPS metropolitan area and city estimates may differ from the official estimates produced by the individual States through the LAUS program.** CPS estimates are provided herein because they are the only current source of information on demographic and economic characteristics for these areas. Official 1998 annual average LAUS estimates for metropolitan areas appeared in the May 1999 issue of *Employment and Earnings*. Official LAUS estimates for metropolitan areas and cities were published in the report, *Supplement to Unemployment in States and Local Areas, 1998* and on the BLS website. Geographic definitions for metropolitan areas in this publication reflect those issued by the Office of Management and Budget (OMB) on June 30, 1993. (See appendix C.)

Some rates and ratios in this publication were calculated on rounded data, but all unemployment rates were calculated on unrounded data.

This bulletin was prepared in the Office of Employment and Unemployment Statistics by the Division of Local Area Unemployment Statistics in collaboration with Division of Data Development and Publications. Editorial assistance was provided by the Data Users and Publication Services Group.

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Geographic Profile of Employment and Unemployment, 1998

The Current Population Survey (CPS) is the regular monthly survey of about 50,000 households from which the national unemployment rate is derived. (See appendix A for concepts and definitions used in the CPS and appendix B for a description of the estimation procedure.)

Determination of which annual average estimates of the labor force by demographic characteristics (age, sex, race, and Hispanic origin) and economic characteristics of the employed and unemployed are published in this bulletin is explained in appendix B. Table B-1 lists the minimum bases required for publication for various geographic areas.

Estimates for census regions and divisions are shown in section I; data for States are shown in section II, and limited data for metropolitan areas and cities are shown in section III. Estimates of levels are not provided in section III be-

cause population controls needed to make estimates of levels comparable to those in the other sections of this publication are not available.

Because the estimates are based on a survey rather than on a complete census of the population, they are subject to sampling error. Consequently, error ranges have been calculated, in the form of 90-percent confidence intervals, and displayed for the unemployment rates in the first table of sections I, 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 sections I and II. Separate error tables are not provided for each population group (i.e., total, white, black, or Hispanic). Instead, one table is used for all population groups for a given labor force characteristic, because differences in sampling errors are usually minimal.

Section I. Estimates for Census Regions and Divisions

Table 1. Census regions and divisions: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
UNITED STATES²								
Total	205,220	137,673	67.1	131,463	64.1	6,210	4.5	4.4 - 4.6
Men	98,758	73,959	74.9	70,693	71.6	3,266	4.4	4.3 - 4.5
Women	106,462	63,714	59.8	60,771	57.1	2,944	4.6	4.5 - 4.7
Both sexes, 16 to 19 years	15,644	8,256	52.8	7,051	45.1	1,205	14.6	14.1 - 15.1
White	171,478	115,415	67.3	110,931	64.7	4,484	3.9	3.8 - 4.0
Men	83,352	63,034	75.6	60,604	72.7	2,431	3.9	3.8 - 4.0
Women	88,126	52,380	59.4	50,327	57.1	2,053	3.9	3.8 - 4.0
Both sexes, 16 to 19 years	12,439	6,965	56.0	6,089	49.0	876	12.6	12.1 - 13.1
Black	24,373	15,982	65.6	14,556	59.7	1,426	8.9	8.6 - 9.2
Men	10,927	7,542	69.0	6,871	62.9	671	8.9	8.5 - 9.3
Women	13,446	8,441	62.8	7,685	57.2	756	9.0	8.6 - 9.4
Both sexes, 16 to 19 years	2,443	1,017	41.6	736	30.1	281	27.6	26.1 - 29.1
Hispanic origin	21,070	14,317	67.9	13,291	63.1	1,026	7.2	6.9 - 7.5
Men	10,734	8,571	79.8	8,018	74.7	552	6.4	6.1 - 6.7
Women	10,335	5,746	55.6	5,273	51.0	473	8.2	7.8 - 8.6
Both sexes, 16 to 19 years	2,204	1,007	45.7	793	36.0	214	21.3	19.8 - 22.8
Northeast Region								
Total	39,941	26,076	65.3	24,861	62.2	1,215	4.7	4.6 - 4.8
Men	18,954	13,847	73.1	13,194	69.6	654	4.7	4.5 - 4.9
Women	20,987	12,229	58.3	11,668	55.6	561	4.6	4.4 - 4.8
Both sexes, 16 to 19 years	2,840	1,365	48.1	1,170	41.2	195	14.3	13.3 - 15.3
White	33,933	22,276	65.6	21,389	63.0	887	4.0	3.9 - 4.1
Men	16,216	11,961	73.8	11,470	70.7	491	4.1	3.9 - 4.3
Women	17,716	10,314	58.2	9,919	56.0	396	3.8	3.6 - 4.0
Both sexes, 16 to 19 years	2,289	1,161	50.7	1,019	44.5	141	12.2	11.2 - 13.2
Black	4,536	2,822	62.2	2,532	55.8	290	10.3	9.7 - 10.9
Men	2,004	1,316	65.7	1,176	58.7	140	10.7	9.8 - 11.6
Women	2,532	1,506	59.5	1,356	53.6	150	9.9	9.1 - 10.7
Both sexes, 16 to 19 years	443	171	38.6	122	27.5	49	28.5	25.6 - 31.4
Hispanic origin	3,386	2,125	62.8	1,955	57.7	170	8.0	7.4 - 8.6
Men	1,609	1,187	73.8	1,101	68.4	87	7.3	6.5 - 8.1
Women	1,777	938	52.8	854	48.1	84	8.9	7.9 - 9.9
Both sexes, 16 to 19 years	331	120	36.3	93	28.1	26	22.1	18.4 - 25.8
New England Division								
Total	10,382	7,114	68.5	6,865	66.1	250	3.5	3.3 - 3.7
Men	5,031	3,752	74.6	3,608	71.7	144	3.8	3.5 - 4.1
Women	5,351	3,363	62.8	3,257	60.9	106	3.1	2.8 - 3.4
Both sexes, 16 to 19 years	686	390	56.9	347	50.6	43	11.0	9.5 - 12.5
White	9,637	6,614	68.6	6,396	66.4	218	3.3	3.1 - 3.5
Men	4,676	3,495	74.7	3,369	72.0	126	3.6	3.3 - 3.9
Women	4,961	3,118	62.9	3,027	61.0	91	2.9	2.6 - 3.2
Both sexes, 16 to 19 years	617	360	58.3	323	52.4	36	10.1	8.6 - 11.6
Black	545	367	67.3	339	62.2	28	7.6	6.2 - 9.0
Men	251	177	70.5	163	64.9	14	8.1	6.1 - 10.1
Women	294	190	64.6	176	59.9	14	7.2	5.3 - 9.1
Hispanic origin	469	320	68.2	301	64.2	19	6.1	4.7 - 7.5
Men	221	164	74.2	153	69.2	12	7.2	5.1 - 9.3
Women	248	156	62.9	148	59.7	8	4.9	3.1 - 6.7

See footnotes at end of table.

Table 1. Census regions and divisions: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Middle Atlantic Division								
Total	29,559	18,962	64.1	17,997	60.9	965	5.1	4.9 - 5.3
Men	13,923	10,096	72.5	9,586	68.9	510	5.0	4.8 - 5.2
Women	15,636	8,866	56.7	8,411	53.8	455	5.1	4.8 - 5.4
Both sexes, 16 to 19 years	2,154	975	45.3	823	38.2	152	15.6	14.4 - 16.8
White	24,296	15,662	64.5	14,993	61.7	669	4.3	4.1 - 4.5
Men	11,540	8,466	73.4	8,101	70.2	365	4.3	4.0 - 4.6
Women	12,755	7,196	56.4	6,892	54.0	304	4.2	3.9 - 4.5
Both sexes, 16 to 19 years	1,673	801	47.9	696	41.6	105	13.1	11.8 - 14.4
Black	3,991	2,455	61.5	2,193	54.9	262	10.7	10.0 - 11.4
Men	1,754	1,139	64.9	1,013	57.8	126	11.1	10.1 - 12.1
Women	2,238	1,316	58.8	1,180	52.7	136	10.3	9.4 - 11.2
Both sexes, 16 to 19 years	385	146	37.9	103	26.8	43	29.2	26.1 - 32.3
Hispanic origin	2,917	1,805	61.9	1,654	56.7	151	8.4	7.7 - 9.1
Men	1,388	1,023	73.7	948	68.3	75	7.3	6.4 - 8.2
Women	1,529	782	51.1	706	46.2	76	9.7	8.6 - 10.8
Both sexes, 16 to 19 years	270	93	34.4	73	27.0	20	21.0	16.9 - 25.1
Midwest Region								
Total	47,629	33,152	69.6	31,912	67.0	1,240	3.7	3.6 - 3.8
Men	22,983	17,656	76.8	16,985	73.9	671	3.8	3.6 - 4.0
Women	24,646	15,496	62.9	14,927	60.6	569	3.7	3.5 - 3.9
Both sexes, 16 to 19 years	3,747	2,321	61.9	2,054	54.8	267	11.5	10.8 - 12.2
White	42,207	29,615	70.2	28,656	67.9	959	3.2	3.1 - 3.3
Men	20,515	15,955	77.8	15,420	75.2	536	3.4	3.2 - 3.6
Women	21,691	13,660	63.0	13,236	61.0	424	3.1	2.9 - 3.3
Both sexes, 16 to 19 years	3,186	2,068	64.9	1,859	58.3	209	10.1	9.3 - 10.9
Black	4,297	2,738	63.7	2,492	58.0	247	9.0	8.4 - 9.6
Men	1,917	1,259	65.7	1,144	59.7	116	9.2	8.3 - 10.1
Women	2,380	1,479	62.1	1,348	56.6	131	8.9	8.1 - 9.7
Both sexes, 16 to 19 years	449	202	45.0	149	33.2	53	26.1	23.3 - 28.9
Hispanic origin	1,561	1,139	73.0	1,075	68.9	65	5.7	4.9 - 6.5
Men	885	749	84.6	707	79.9	42	5.6	4.6 - 6.6
Women	676	390	57.7	368	54.4	22	5.8	4.4 - 7.2
Both sexes, 16 to 19 years	163	84	51.5	69	42.3	15	18.3	13.7 - 22.9
East North Central Division								
Total	33,553	22,971	68.5	22,063	65.8	908	4.0	3.8 - 4.2
Men	16,127	12,248	75.9	11,756	72.9	492	4.0	3.8 - 4.2
Women	17,426	10,723	61.5	10,307	59.1	416	3.9	3.7 - 4.1
Both sexes, 16 to 19 years	2,587	1,546	59.8	1,355	52.4	191	12.3	11.4 - 13.2
White	29,150	20,147	69.1	19,462	66.8	685	3.4	3.2 - 3.6
Men	14,135	10,902	77.1	10,519	74.4	383	3.5	3.3 - 3.7
Women	15,015	9,245	61.6	8,943	59.6	302	3.3	3.1 - 3.5
Both sexes, 16 to 19 years	2,149	1,350	62.8	1,205	56.1	145	10.7	9.7 - 11.7
Black	3,624	2,276	62.8	2,074	57.2	202	8.9	8.2 - 9.6
Men	1,600	1,030	64.4	934	58.4	96	9.3	8.2 - 10.4
Women	2,024	1,246	61.6	1,140	56.3	106	8.5	7.6 - 9.4
Both sexes, 16 to 19 years	370	167	45.1	124	33.5	43	25.6	22.5 - 28.7
Hispanic origin	1,250	908	72.6	855	68.4	53	5.8	4.9 - 6.7
Men	701	591	84.3	556	79.3	35	5.9	4.8 - 7.0
Women	549	317	57.7	299	54.5	18	5.8	4.2 - 7.4
Both sexes, 16 to 19 years	134	65	48.5	51	38.1	14	21.0	15.7 - 26.3

See footnotes at end of table.

Table 1. Census regions and divisions: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment			
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹	
West North Central Division									
Total	14,076	10,181	72.3	9,849	70.0	332	3.3	3.1 - 3.5	
Men	6,856	5,408	78.9	5,229	76.3	179	3.3	3.0 - 3.6	
Women	7,220	4,773	66.1	4,620	64.0	153	3.2	2.9 - 3.5	
Both sexes, 16 to 19 years	1,160	775	66.8	699	60.3	76	9.8	8.6 - 11.0	
White	13,057	9,469	72.5	9,194	70.4	275	2.9	2.7 - 3.1	
Men	6,380	5,054	79.2	4,901	76.8	153	3.0	2.7 - 3.3	
Women	6,677	4,415	66.1	4,293	64.3	122	2.8	2.5 - 3.1	
Both sexes, 16 to 19 years	1,038	718	69.2	654	63.0	64	8.9	7.7 - 10.1	
Black	673	463	68.8	418	62.1	45	9.7	8.1 - 11.3	
Men	318	230	72.3	209	65.7	20	8.8	6.7 - 10.9	
Women	356	233	65.4	208	58.4	25	10.7	8.3 - 13.1	
Hispanic origin	311	231	74.3	220	70.7	11	5.0	3.4 - 6.6	
Men	184	158	85.9	150	81.5	7	4.7	2.8 - 6.6	
Women	127	73	57.5	69	54.3	4	5.5	2.6 - 8.4	
South Region									
Total	72,524	47,834	66.0	45,722	63.0	2,113	4.4	4.3 - 4.5	
Men	34,625	25,595	73.9	24,552	70.9	1,044	4.1	3.9 - 4.3	
Women	37,899	22,239	58.7	21,170	55.9	1,069	4.8	4.6 - 5.0	
Both sexes, 16 to 19 years	5,505	2,763	50.2	2,325	42.2	438	15.9	15.2 - 16.6	
White	57,323	37,606	65.6	36,299	63.3	1,308	3.5	3.4 - 3.6	
Men	27,771	20,658	74.4	19,987	72.0	671	3.2	3.0 - 3.4	
Women	29,552	16,949	57.4	16,312	55.2	637	3.8	3.6 - 4.0	
Both sexes, 16 to 19 years	4,008	2,136	53.3	1,866	46.6	270	12.6	11.8 - 13.4	
Black	13,395	8,973	67.0	8,223	61.4	751	8.4	8.1 - 8.7	
Men	5,983	4,245	71.0	3,896	65.1	349	8.2	7.7 - 8.7	
Women	7,412	4,728	63.8	4,326	58.4	402	8.5	8.0 - 9.0	
Both sexes, 16 to 19 years	1,368	576	42.1	417	30.5	159	27.7	26.6 - 28.8	
Hispanic origin	7,061	4,800	68.0	4,513	63.9	287	6.0	5.6 - 6.4	
Men	3,531	2,837	80.3	2,699	76.4	138	4.9	4.4 - 5.4	
Women	3,530	1,962	55.6	1,814	51.4	148	7.6	6.8 - 8.4	
Both sexes, 16 to 19 years	705	346	49.1	280	39.7	66	19.0	16.9 - 21.1	
South Atlantic Division									
Total	37,530	24,706	65.8	23,702	63.2	1,004	4.1	3.9 - 4.3	
Men	17,820	13,082	73.4	12,585	70.6	497	3.8	3.6 - 4.0	
Women	19,710	11,624	59.0	11,117	56.4	507	4.4	4.2 - 4.6	
Both sexes, 16 to 19 years	2,605	1,320	50.7	1,144	43.9	176	13.3	12.3 - 14.3	
White	28,914	18,786	65.0	18,207	63.0	578	3.1	2.9 - 3.3	
Men	13,959	10,239	73.4	9,946	71.3	293	2.9	2.7 - 3.1	
Women	14,955	8,547	57.2	8,261	55.2	286	3.3	3.1 - 3.5	
Both sexes, 16 to 19 years	1,822	987	54.2	892	49.0	95	9.7	8.6 - 10.8	
Black	7,698	5,283	68.6	4,884	63.4	399	7.6	7.2 - 8.0	
Men	3,426	2,496	72.9	2,305	67.3	191	7.7	7.1 - 8.3	
Women	4,273	2,788	65.2	2,580	60.4	208	7.5	6.9 - 8.1	
Both sexes, 16 to 19 years	727	308	42.4	232	31.9	76	24.6	22.8 - 26.4	
Hispanic origin	2,507	1,729	69.0	1,636	65.3	93	5.4	4.8 - 6.0	
Men	1,260	1,015	80.6	971	77.1	44	4.3	3.6 - 5.0	
Women	1,247	714	57.3	665	53.3	48	6.8	5.7 - 7.9	
Both sexes, 16 to 19 years	185	94	50.8	83	44.9	11	11.5	7.9 - 15.1	

See footnotes at end of table.

Table 1. Census regions and divisions: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
East South Central Division								
Total	12,647	8,105	64.1	7,741	61.2	364	4.5	4.2 - 4.8
Men	5,996	4,303	71.8	4,127	68.8	176	4.1	3.7 - 4.5
Women	6,651	3,802	57.2	3,614	54.3	187	4.9	4.5 - 5.3
Both sexes, 16 to 19 years	980	494	50.4	418	42.7	76	15.4	13.7 - 17.1
White	10,104	6,476	64.1	6,244	61.8	232	3.6	3.3 - 3.9
Men	4,857	3,535	72.8	3,415	70.3	120	3.4	3.0 - 3.8
Women	5,247	2,941	56.1	2,829	53.9	112	3.8	3.4 - 4.2
Both sexes, 16 to 19 years	703	384	54.6	336	47.8	49	12.6	10.8 - 14.4
Black	2,437	1,550	63.6	1,420	58.3	130	8.4	7.6 - 9.2
Men	1,096	730	66.6	675	61.6	56	7.7	6.5 - 8.9
Women	1,341	820	61.1	745	55.6	74	9.1	8.0 - 10.2
Both sexes, 16 to 19 years	269	106	39.4	79	29.4	27	25.4	23.5 - 27.3
Hispanic origin	108	74	68.5	69	63.9	6	7.7	4.1 - 11.3
West South Central Division								
Total	22,347	15,024	67.2	14,279	63.9	745	5.0	4.8 - 5.2
Men	10,809	8,210	76.0	7,840	72.5	370	4.5	4.2 - 4.8
Women	11,538	6,814	59.1	6,439	55.8	375	5.5	5.1 - 5.9
Both sexes, 16 to 19 years	1,920	948	49.4	763	39.7	186	19.6	18.3 - 20.9
White	18,305	12,345	67.4	11,847	64.7	498	4.0	3.8 - 4.2
Men	8,956	6,884	76.9	6,625	74.0	258	3.8	3.5 - 4.1
Women	9,350	5,462	58.4	5,222	55.9	239	4.4	4.0 - 4.8
Both sexes, 16 to 19 years	1,483	765	51.6	639	43.1	126	16.4	15.0 - 17.8
Black	3,260	2,140	65.6	1,918	58.8	221	10.3	9.6 - 11.0
Men	1,462	1,019	69.7	917	62.7	102	10.0	8.9 - 11.1
Women	1,798	1,121	62.3	1,001	55.7	120	10.7	9.7 - 11.7
Both sexes, 16 to 19 years	372	161	43.3	105	28.2	56	34.9	(³) - (³)
Hispanic origin	4,446	2,997	67.4	2,808	63.2	188	6.3	5.7 - 6.9
Men	2,218	1,776	80.1	1,685	76.0	91	5.1	4.4 - 5.8
Women	2,228	1,220	54.8	1,123	50.4	97	7.9	6.9 - 8.9
Both sexes, 16 to 19 years	512	249	48.6	195	38.1	54	21.8	19.7 - 23.9
West Region								
Total	45,345	30,755	67.8	29,105	64.2	1,650	5.4	5.2 - 5.6
Men	22,301	16,937	75.9	16,035	71.9	902	5.3	5.1 - 5.5
Women	23,045	13,818	60.0	13,070	56.7	748	5.4	5.1 - 5.7
Both sexes, 16 to 19 years	3,567	1,815	50.9	1,508	42.3	307	16.9	15.8 - 18.0
White	38,188	26,031	68.2	24,697	64.7	1,335	5.1	4.9 - 5.3
Men	18,932	14,522	76.7	13,786	72.8	736	5.1	4.9 - 5.3
Women	19,256	11,509	59.8	10,910	56.7	599	5.2	4.9 - 5.5
Both sexes, 16 to 19 years	2,967	1,606	54.1	1,349	45.5	257	16.0	14.9 - 17.1
Black	2,173	1,466	67.5	1,325	61.0	141	9.6	8.6 - 10.6
Men	1,035	729	70.4	662	64.0	67	9.2	7.8 - 10.6
Women	1,139	737	64.7	663	58.2	74	10.0	8.6 - 11.4
Both sexes, 16 to 19 years	186	69	37.1	49	26.3	20	29.5	23.2 - 35.8
Hispanic origin	9,111	6,285	69.0	5,778	63.4	507	8.1	7.6 - 8.6
Men	4,733	3,816	80.6	3,530	74.6	287	7.5	6.9 - 8.1
Women	4,378	2,469	56.4	2,249	51.4	220	8.9	8.2 - 9.6
Both sexes, 16 to 19 years	1,010	459	45.4	352	34.9	107	23.3	21.0 - 25.6

See footnotes at end of table.

Table 1. Census regions and divisions: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Mountain Division								
Total	12,598	8,710	69.1	8,328	66.1	383	4.4	4.2 - 4.6
Men	6,170	4,735	76.7	4,533	73.5	202	4.3	4.0 - 4.6
Women	6,428	3,976	61.9	3,795	59.0	181	4.6	4.3 - 4.9
Both sexes, 16 to 19 years	1,068	617	57.8	525	49.2	91	14.8	13.6 - 16.0
White	11,656	8,083	69.3	7,738	66.4	345	4.3	4.1 - 4.5
Men	5,732	4,418	77.1	4,237	73.9	181	4.1	3.8 - 4.4
Women	5,924	3,665	61.9	3,502	59.1	163	4.5	4.2 - 4.8
Both sexes, 16 to 19 years	969	576	59.4	492	50.8	83	14.5	13.3 - 15.7
Black	332	230	69.3	214	64.5	16	6.8	5.3 - 8.3
Men	162	120	74.1	112	69.1	8	6.6	4.5 - 8.7
Women	170	110	64.7	102	60.0	8	7.1	4.8 - 9.4
Hispanic origin	2,165	1,477	68.2	1,373	63.4	104	7.1	6.3 - 7.9
Men	1,124	885	78.7	827	73.6	58	6.6	5.6 - 7.6
Women	1,041	592	56.9	546	52.4	46	7.8	6.5 - 9.1
Both sexes, 16 to 19 years	248	115	46.4	88	35.5	26	22.9	20.5 - 25.3
Pacific Division								
Total	32,747	22,045	67.3	20,777	63.4	1,267	5.7	5.5 - 5.9
Men	16,131	12,203	75.6	11,502	71.3	700	5.7	5.4 - 6.0
Women	16,616	9,842	59.2	9,275	55.8	567	5.8	5.5 - 6.1
Both sexes, 16 to 19 years	2,498	1,198	48.0	983	39.4	215	18.0	16.6 - 19.4
White	26,532	17,948	67.6	16,958	63.9	990	5.5	5.3 - 5.7
Men	13,200	10,104	76.5	9,550	72.3	554	5.5	5.2 - 5.8
Women	13,332	7,844	58.8	7,408	55.6	436	5.6	5.2 - 6.0
Both sexes, 16 to 19 years	1,997	1,030	51.6	857	42.9	173	16.8	15.3 - 18.3
Black	1,841	1,236	67.1	1,111	60.3	125	10.1	9.0 - 11.2
Men	873	609	69.8	550	63.0	59	9.7	8.1 - 11.3
Women	969	627	64.7	561	57.9	66	10.6	9.0 - 12.2
Both sexes, 16 to 19 years	148	54	36.5	37	25.0	16	30.5	23.0 - 38.0
Hispanic origin	6,946	4,808	69.2	4,406	63.4	402	8.4	7.9 - 8.9
Men	3,609	2,931	81.2	2,703	74.9	229	7.8	7.1 - 8.5
Women	3,337	1,877	56.2	1,703	51.0	174	9.3	8.4 - 10.2
Both sexes, 16 to 19 years	762	345	45.3	264	34.6	81	23.4	20.5 - 26.3

¹ Error ranges are calculated 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.

² Because of separate processing and weighting procedures, totals for the United States differ from the results obtained by aggregating the totals for regions and States.

³ Error ranges cannot be properly computed when the number of sample cases is very small and/or the unemployment rate is low.

NOTE: Data for demographic groups are not shown when they do not meet BLS publication standards of reliability for the particular area based on the sample in that area. See appendix B. Items may not add to totals or compute to displayed percentages because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Sub-national data on marital status are not available.

Data in tables 1-22 incorporate updated 1990 census-based population controls.

Table 2. Census regions and divisions: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages

(In thousands)

Population group and area	Employed ¹									Unemployed	
	Full-time workers					Part-time workers				Looking for full-time work	Looking for part-time work
	Total	At work			Not at work	Total	At work ²		Not at work		
		35 hours or more	1 to 34 hours				Part time for economic reasons	Part time for noneconomic reasons			
		Economic reasons	Non-economic reasons								
TOTAL											
Northeast	20,186	17,054	169	2,130	834	4,675	528	3,848	298	953	262
New England	5,480	4,568	47	633	232	1,385	126	1,170	89	195	54
Middle Atlantic	14,707	12,486	122	1,497	602	3,290	402	2,678	209	758	207
Midwest	25,801	21,913	284	2,630	974	6,110	491	5,225	394	960	280
East North Central	17,897	15,254	190	1,740	713	4,166	351	3,539	275	703	205
West North Central	7,904	6,658	95	890	261	1,945	140	1,686	119	257	75
South	38,779	33,114	502	3,777	1,386	6,942	744	5,729	470	1,710	402
South Atlantic	20,164	17,284	239	1,923	718	3,538	366	2,929	243	814	190
East South Central	6,519	5,504	88	674	252	1,223	129	1,011	83	299	65
West South Central	12,097	10,325	175	1,180	416	2,182	249	1,789	144	598	148
West	23,548	19,897	368	2,411	872	5,557	737	4,457	363	1,299	351
Mountain	6,756	5,740	91	698	227	1,572	156	1,312	104	285	98
Pacific	16,792	14,157	277	1,713	645	3,985	581	3,145	259	1,014	253
Men											
Northeast	11,809	10,271	103	1,027	409	1,385	219	1,092	73	541	113
New England	3,212	2,770	28	297	117	396	56	318	23	121	23
Middle Atlantic	8,597	7,501	75	729	291	989	164	775	50	420	90
Midwest	15,076	13,163	167	1,274	473	1,909	210	1,594	104	555	116
East North Central	10,496	9,194	111	839	352	1,259	146	1,042	71	410	82
West North Central	4,580	3,969	55	435	121	649	64	552	33	145	34
South	22,234	19,482	295	1,812	645	2,318	302	1,882	135	865	178
South Atlantic	11,403	10,018	142	916	327	1,182	147	962	72	414	83
East South Central	3,723	3,236	50	319	118	404	51	333	20	146	30
West South Central	7,108	6,228	103	578	200	732	104	586	42	305	65
West	14,134	12,222	234	1,230	448	1,901	333	1,464	104	749	153
Mountain	4,022	3,505	51	350	116	511	66	415	30	159	42
Pacific	10,112	8,717	183	880	332	1,390	267	1,049	74	589	111
Women											
Northeast	8,377	6,783	66	1,103	425	3,290	309	2,756	225	412	149
New England	2,267	1,798	19	335	115	989	71	852	66	75	31
Middle Atlantic	6,110	4,985	47	768	311	2,301	238	1,904	159	338	118
Midwest	10,725	8,750	117	1,357	501	4,202	281	3,631	290	405	165
East North Central	7,401	6,061	78	901	361	2,906	205	2,497	204	293	123
West North Central	3,324	2,690	39	455	140	1,295	76	1,133	86	112	41
South	16,545	13,632	207	1,965	741	4,625	442	3,847	335	845	224
South Atlantic	8,761	7,266	96	1,008	391	2,356	219	1,966	171	399	107
East South Central	2,796	2,268	39	355	134	818	78	678	62	153	35
West South Central	4,988	4,098	72	602	216	1,450	145	1,203	102	293	82
West	9,414	7,675	134	1,181	424	3,656	404	2,993	259	551	197
Mountain	2,734	2,235	40	348	111	1,061	90	897	74	126	55
Pacific	6,680	5,440	94	833	313	2,595	313	2,097	185	425	142

See footnotes at end of table.

Table 2. Census regions and divisions: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and area	Employed ¹									Unemployed	
	Full-time workers					Part-time workers				Looking for full-time work	Looking for part-time work
	Total	At work			Not at work	Total	At work ²		Not at work		
		35 hours or more	1 to 34 hours				Part time for economic reasons	Part time for noneconomic reasons			
		Economic reasons	Non-economic reasons								
Both sexes, 16 to 19 years											
Northeast	320	265	7	36	11	851	51	763	36	83	112
New England	86	70	2	12	2	261	16	235	10	(³)	(³)
Middle Atlantic	234	195	5	24	9	590	34	529	26	64	88
Midwest	627	510	18	82	17	1,427	65	1,301	61	123	143
East North Central	405	333	12	49	12	949	43	864	42	86	105
West North Central	221	177	6	33	5	478	22	437	19	37	38
South	845	699	28	97	21	1,479	99	1,313	67	231	207
South Atlantic	407	342	13	41	11	737	52	650	35	85	91
East South Central	153	127	4	20	3	265	18	236	11	44	32
West South Central	286	231	11	36	7	477	30	427	21	102	84
West	530	441	17	59	12	977	85	859	34	146	160
Mountain	196	160	6	25	5	329	23	293	13	44	47
Pacific	334	281	11	34	7	649	62	565	21	102	113
White											
Northeast	17,234	14,518	150	1,842	724	4,155	401	3,480	273	676	211
New England	5,087	4,240	44	589	214	1,309	110	1,116	84	168	50
Middle Atlantic	12,147	10,278	106	1,253	510	2,846	292	2,365	189	508	161
Midwest	23,097	19,615	250	2,359	873	5,558	401	4,796	362	729	231
East North Central	15,727	13,406	163	1,530	628	3,735	279	3,208	249	520	165
West North Central	7,371	6,209	87	830	245	1,823	122	1,588	113	208	66
South	30,643	26,200	382	2,967	1,094	5,656	501	4,760	395	1,038	270
South Atlantic	15,389	13,213	172	1,449	556	2,818	235	2,382	201	455	124
East South Central	5,245	4,444	68	534	199	999	84	843	72	188	43
West South Central	10,009	8,543	142	985	339	1,839	182	1,535	122	395	103
West	19,874	16,776	323	2,032	744	4,822	617	3,883	322	1,041	293
Mountain	6,262	5,313	85	651	212	1,477	142	1,236	99	256	89
Pacific	13,613	11,463	237	1,382	531	3,346	476	2,647	223	785	205
Black											
Northeast	2,138	1,811	15	227	86	394	109	266	19	247	43
New England	283	232	3	34	13	56	13	41	2	(³)	(³)
Middle Atlantic	1,856	1,578	13	192	73	337	96	226	16	223	39
Midwest	2,071	1,748	28	215	79	421	78	318	25	203	43
East North Central	1,727	1,458	23	176	70	347	65	261	21	165	37
West North Central	344	290	5	39	9	74	13	57	4	(³)	(³)
South	7,104	5,995	109	732	268	1,119	228	829	62	627	123
South Atlantic	4,248	3,605	62	432	149	637	122	480	35	339	60
East South Central	1,208	1,005	19	134	51	212	44	157	10	109	21
West South Central	1,648	1,386	28	166	68	270	62	192	16	179	42
West	1,130	946	12	128	44	195	33	153	10	120	21
Mountain	181	158	1	17	5	33	5	27	2	(³)	(³)
Pacific	949	787	11	112	39	162	28	125	8	109	16

See footnotes at end of table.

Table 2. Census regions and divisions: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and area	Employed ¹									Unemployed	
	Full-time workers					Part-time workers				Looking for full-time work	Looking for part-time work
	Total	At work			Not at work	Total	At work ²		Not at work		
		35 hours or more	1 to 34 hours				Part time for economic reasons	Part time for noneconomic reasons			
Economic reasons			Non-economic reasons								
Hispanic origin											
Northeast	1,673	1,444	19	157	54	282	65	202	15	146	25
New England	248	212	2	25	9	53	14	37	2	(³)	(³)
Middle Atlantic	1,425	1,233	17	131	45	229	51	165	13	130	21
Midwest	942	818	13	80	30	132	23	103	7	53	11
East North Central	754	657	11	62	24	101	16	80	6	(³)	(³)
West North Central	188	161	3	18	6	31	7	23	1	(³)	(³)
South	3,882	3,339	73	344	126	631	107	491	33	237	50
South Atlantic	1,423	1,236	22	122	44	213	38	164	11	82	10
East South Central	60	52	1	5	3	8	1	7	1	(³)	(³)
West South Central	2,398	2,051	50	218	80	410	68	321	22	149	39
West	4,832	4,136	113	434	149	947	252	653	41	411	95
Mountain	1,163	994	22	114	33	209	43	155	11	83	22
Pacific	3,668	3,142	90	320	116	738	210	498	30	329	74

¹ Employed persons are classified as full- or part-time workers based on their usual weekly hours at all jobs regardless of the number of hours they are at work during the reference week. Persons absent from work are classified according to their usual status.

² Includes some persons at work 35 hours or more classified by their reason for working part time.

³ Data are not shown when the labor force base does not meet BLS

publication 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. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 3. Census regions and divisions: Employment status of the experienced¹ civilian labor force by occupation, 1998 annual averages

(Numbers in thousands)

Employment status and occupation	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
CIVILIAN LABOR FORCE													
Managerial and professional specialty	7,970	2,299	5,671	9,159	6,302	2,857	13,363	7,225	2,083	4,056	9,212	2,550	6,661
Executive, administrative, and managerial	3,800	1,098	2,702	4,516	3,137	1,379	6,577	3,589	1,036	1,952	4,525	1,253	3,272
Professional specialty	4,171	1,202	2,969	4,643	3,165	1,478	6,786	3,635	1,047	2,103	4,687	1,297	3,389
Engineers	372	140	232	485	378	107	695	362	110	224	535	150	385
Mathematical and computer scientists	337	110	227	397	278	120	590	369	(²)	176	446	117	329
Health diagnosing occupations	243	62	181	253	189	(²)	362	186	67	110	235	60	175
Health assessment and treating occupations	648	183	465	751	523	228	975	503	187	285	565	163	402
Teachers, except college and university	971	254	717	1,140	736	403	1,845	933	327	586	1,110	308	801
Technical, sales, and administrative support	7,812	2,046	5,765	9,487	6,532	2,955	13,961	7,266	2,340	4,354	8,856	2,561	6,295
Technicians and related support	820	212	608	1,025	688	337	1,548	823	259	466	969	280	688
Health technologists and technicians	340	78	262	458	315	142	649	339	120	190	321	89	232
Engineering and science technicians	223	68	155	281	185	96	470	238	78	154	316	107	209
Sales occupations	3,137	834	2,302	3,879	2,663	1,215	5,840	3,068	985	1,787	3,758	1,101	2,657
Supervisors and proprietors	907	233	673	1,110	751	358	1,735	907	308	520	1,069	309	760
Sales representatives, finance and business services	566	156	410	627	430	197	940	554	124	262	622	193	429
Sales representatives, commodities, except retail	306	83	223	404	287	117	531	289	84	157	380	99	281
Sales workers, retail and personal services	1,340	358	983	1,711	1,177	534	2,601	1,301	460	840	1,662	492	1,170
Administrative support, including clerical	3,855	1,001	2,855	4,583	3,180	1,403	6,573	3,376	1,096	2,101	4,130	1,180	2,950
Computer equipment operators	83	(²)	58	102	76	(²)	138	72	(²)	(²)	66	(²)	(²)
Secretaries, stenographers, and typists	842	190	652	901	621	280	1,312	656	220	437	671	201	471
Financial records processing	409	121	288	566	388	178	811	399	145	267	490	151	339
Mail and message distributing	216	52	165	239	164	76	323	178	(²)	100	234	57	177
Service occupations	3,838	971	2,868	4,407	3,090	1,317	6,504	3,338	1,025	2,141	4,326	1,273	3,053
Private household	172	(²)	135	152	108	(²)	312	157	(²)	117	286	48	238
Protective service	568	122	446	468	350	118	927	485	136	305	544	161	382
Service, except private household and protective	3,098	811	2,287	3,787	2,632	1,155	5,265	2,695	851	1,720	3,496	1,064	2,433
Food service	1,222	328	894	1,622	1,136	486	2,207	1,113	362	733	1,556	481	1,075
Health service	657	172	486	615	431	184	860	411	152	298	489	131	358
Cleaning and building service	639	161	478	783	553	230	1,196	647	165	384	733	219	515
Personal service	579	150	430	766	512	254	1,001	525	172	305	718	233	485
Precision production, craft, and repair	2,595	789	1,806	3,680	2,581	1,100	5,538	2,810	987	1,741	3,241	999	2,243
Mechanics and repairers	847	238	610	1,172	804	368	1,837	966	299	572	1,084	324	761
Construction trades	992	305	687	1,342	922	420	2,291	1,190	421	680	1,312	434	878
Operators, fabricators, and laborers	3,350	872	2,479	5,348	3,929	1,419	7,037	3,438	1,417	2,181	3,842	1,008	2,834
Machine operators, assemblers, and inspectors ..	1,404	405	999	2,485	1,879	606	2,942	1,456	669	816	1,461	325	1,136
Transportation and material moving occupations ..	971	226	745	1,432	1,013	419	2,111	1,015	390	705	1,132	328	805
Motor vehicle operators	804	186	618	1,058	755	303	1,541	754	266	521	861	248	613
Handlers, equipment cleaners, helpers, and laborers	975	241	734	1,431	1,037	394	1,985	967	358	660	1,248	355	893
Construction laborers	164	(²)	125	202	140	(²)	325	171	(²)	105	267	90	176
Farming, forestry, and fishing	403	119	284	986	473	513	1,226	541	216	469	1,134	294	839
Farm operators and managers	96	(²)	72	490	178	312	395	118	87	190	210	87	124
EMPLOYED													
Managerial and professional specialty	7,818	2,262	5,556	9,024	6,205	2,819	13,135	7,106	2,055	3,974	9,004	2,496	6,508
Executive, administrative, and managerial	3,728	1,079	2,649	4,445	3,084	1,361	6,467	3,532	1,021	1,914	4,435	1,229	3,206
Professional specialty	4,090	1,183	2,906	4,579	3,121	1,458	6,668	3,574	1,034	2,061	4,569	1,267	3,302
Engineers	366	137	229	478	373	105	685	356	108	221	524	148	376
Mathematical and computer scientists	332	107	224	393	274	118	584	366	(²)	173	440	115	325
Health diagnosing occupations	241	61	180	251	187	(²)	359	185	66	108	233	60	173
Health assessment and treating occupations	640	179	461	742	516	227	963	497	186	280	556	161	395
Teachers, except college and university	952	251	701	1,124	725	398	1,810	912	322	576	1,082	301	781
Technical, sales, and administrative support	7,487	1,988	5,499	9,203	6,330	2,873	13,431	7,013	2,251	4,167	8,443	2,462	5,981
Technicians and related support	802	208	594	1,012	680	332	1,515	806	254	456	935	274	661
Health technologists and technicians	332	77	255	451	312	139	637	333	118	186	315	87	227
Engineering and science technicians	218	67	151	278	183	95	460	234	76	149	301	105	196

See footnotes at end of table.

Table 3. Census regions and divisions: Employment status of the experienced¹ civilian labor force by occupation, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and occupation	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
EMPLOYED—Continued													
Sales occupations	2,998	808	2,191	3,727	2,555	1,172	5,580	2,940	942	1,698	3,562	1,054	2,508
Supervisors and proprietors	888	230	658	1,092	736	355	1,704	889	304	512	1,040	302	738
Sales representatives, finance and business services	551	154	397	607	417	189	913	536	122	255	602	187	416
Sales representatives, commodities, except retail	297	82	215	398	283	115	521	283	83	155	371	99	272
Sales workers, retail and personal services	1,247	338	909	1,605	1,102	504	2,412	1,216	425	770	1,527	459	1,068
Administrative support, including clerical	3,686	972	2,715	4,464	3,095	1,369	6,335	3,267	1,055	2,012	3,946	1,134	2,812
Computer equipment operators	80	(²)	56	100	74	(²)	133	69	(²)	(²)	64	(²)	(²)
Secretaries, stenographers, and typists	808	185	624	882	607	275	1,270	638	211	420	644	194	450
Financial records processing	397	119	278	554	378	176	788	390	140	258	477	148	328
Mail and message distributing	207	50	157	235	160	75	315	175	(²)	96	228	56	172
Service occupations	3,595	925	2,671	4,162	2,911	1,251	6,077	3,133	949	1,995	4,022	1,190	2,832
Private household	157	(²)	121	141	99	(²)	286	144	(²)	108	264	42	222
Protective service	547	119	429	453	339	114	899	471	130	297	522	156	366
Service, except private household and protective	2,891	770	2,121	3,568	2,473	1,095	4,892	2,518	785	1,589	3,236	992	2,244
Food service	1,131	307	824	1,506	1,053	453	2,017	1,027	326	664	1,423	441	981
Health service	619	167	452	590	413	177	812	390	144	279	461	125	336
Cleaning and building service	596	152	443	730	513	217	1,115	602	152	361	676	204	472
Personal service	545	144	402	742	494	247	948	499	163	286	676	222	454
Precision production, craft, and repair	2,473	763	1,710	3,548	2,484	1,064	5,330	2,716	945	1,669	3,073	961	2,112
Mechanics and repairers	821	232	589	1,144	782	362	1,785	944	287	555	1,040	315	725
Construction trades	926	291	635	1,273	871	402	2,177	1,135	400	642	1,222	410	812
Operators, fabricators, and laborers	3,117	817	2,300	5,033	3,690	1,343	6,591	3,225	1,336	2,030	3,530	944	2,586
Machine operators, assemblers, and inspectors	1,322	384	938	2,361	1,784	577	2,771	1,376	634	760	1,343	304	1,038
Transportation and material moving occupations	914	212	702	1,371	968	403	2,016	967	377	672	1,066	313	753
Motor vehicle operators	760	175	584	1,017	724	293	1,481	723	259	498	816	238	577
Handlers, equipment cleaners, helpers, and laborers	881	220	661	1,301	937	363	1,804	882	325	597	1,121	326	795
Construction laborers	133	(²)	102	172	118	(²)	287	153	(²)	94	230	82	148
Farming, forestry, and fishing	372	111	261	941	442	499	1,158	508	206	444	1,034	275	759
Farm operators and managers	96	(²)	72	489	178	311	394	118	87	189	209	86	123
UNEMPLOYED													
Managerial and professional specialty	153	37	115	134	97	38	228	119	28	82	208	54	154
Executive, administrative, and managerial	72	19	53	71	53	17	110	57	15	39	90	24	66
Professional specialty	81	18	62	64	44	20	118	62	13	43	118	30	88
Engineers	6	3	3	7	5	3	10	6	1	3	11	2	9
Mathematical and computer scientists	5	2	3	5	3	2	6	3	(²)	3	6	2	4
Health diagnosing occupations	2	1	1	2	2	(²)	3	1	1	2	2	1	2
Health assessment and treating occupations	8	4	5	9	8	1	13	6	1	5	9	2	7
Teachers, except college and university	19	3	16	16	11	5	35	21	4	10	28	7	20
Technical, sales, and administrative support	325	59	266	284	202	82	530	253	89	188	414	99	314
Technicians and related support	18	4	14	13	8	5	32	17	5	10	33	6	27
Health technologists and technicians	8	1	7	7	4	3	12	5	2	4	7	2	5
Engineering and science technicians	5	1	4	3	2	1	10	4	2	4	15	3	13
Sales occupations	138	27	112	152	108	43	260	128	43	89	196	47	149
Supervisors and proprietors	19	4	15	18	15	3	31	17	5	9	29	6	22
Sales representatives, finance and business services	15	2	13	20	13	8	28	18	3	7	20	6	14
Sales representatives, commodities, except retail	9	1	8	6	5	2	10	7	1	3	10	1	9
Sales workers, retail and personal services	94	19	74	106	75	31	189	85	35	70	135	33	102
Administrative support, including clerical	169	29	140	119	85	34	238	108	41	89	184	46	138
Computer equipment operators	3	(²)	2	3	2	(²)	5	2	(²)	(²)	2	(²)	(²)
Secretaries, stenographers, and typists	34	6	28	19	14	5	42	18	8	16	27	7	21
Financial records processing	11	2	9	12	10	2	23	9	5	9	13	3	10
Mail and message distributing	9	2	7	5	3	1	8	4	(²)	4	6	1	5
Service occupations	243	46	197	245	179	66	427	204	76	146	304	82	221
Private household	15	(²)	14	12	9	(²)	25	13	(²)	9	22	5	16

See footnotes at end of table.

Table 3. Census regions and divisions: Employment status of the experienced¹ civilian labor force by occupation, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and occupation	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
UNEMPLOYED—Continued													
Protective service	20	3	17	15	10	4	28	14	6	7	22	6	16
Service, except private household and protective	207	41	166	218	159	60	373	177	66	130	260	71	189
Food service	91	21	69	116	83	33	190	85	36	69	133	40	94
Health service	38	5	34	25	18	7	48	20	9	19	28	5	23
Cleaning and building service	44	9	35	53	41	13	82	45	13	24	58	15	42
Personal service	34	6	28	24	18	7	53	26	9	18	41	11	30
Precision production, craft, and repair	122	26	96	132	97	35	208	94	43	72	168	38	130
Mechanics and repairers	27	6	21	28	22	6	51	22	12	17	44	9	35
Construction trades	66	14	51	69	51	18	114	55	22	37	90	24	66
Operators, fabricators, and laborers	233	55	178	315	239	76	446	213	81	152	312	64	248
Machine operators, assemblers, and inspectors ..	82	21	62	124	95	29	171	80	35	56	118	20	98
Transportation and material moving occupations	57	14	43	61	45	16	95	49	13	33	67	15	52
Motor vehicle operators	44	10	34	41	31	10	61	31	7	23	45	9	35
Handlers, equipment cleaners, helpers, and laborers	94	21	73	130	99	31	180	85	33	62	127	29	98
Construction laborers	31	(²)	23	30	22	(²)	39	18	(²)	12	37	8	29
Farming, forestry, and fishing	31	9	23	45	31	14	68	33	10	25	100	20	80
Farm operators and managers	(³)	(²)	(³)	1	(³)	1	2	1	(³)	(³)	1	1	1
UNEMPLOYMENT RATE													
Managerial and professional specialty	1.9	1.6	2.0	1.5	1.5	1.3	1.7	1.6	1.4	2.0	2.3	2.1	2.3
Executive, administrative, and managerial	1.9	1.7	2.0	1.6	1.7	1.3	1.7	1.6	1.4	2.0	2.0	1.9	2.0
Professional specialty	1.9	1.5	2.1	1.4	1.4	1.4	1.7	1.7	1.3	2.0	2.5	2.3	2.6
Engineers	1.6	2.3	1.2	1.5	1.2	2.3	1.4	1.7	1.3	1.1	2.0	1.5	2.3
Mathematical and computer scientists	1.5	2.0	1.2	1.2	1.1	1.3	1.0	.8	(²)	1.6	1.4	2.0	1.1
Health diagnosing occupations .....	.7	1.0	.6	1.0	1.2	(²)	.7	.3	.9	1.4	1.0	1.4	.9
Health assessment and treating occupations	1.3	1.9	1.1	1.2	1.4	.6	1.3	1.2	.7	1.8	1.6	1.2	1.7
Teachers, except college and university	1.9	1.0	2.3	1.4	1.5	1.2	1.9	2.2	1.3	1.7	2.5	2.4	2.5
Technical, sales, and administrative support	4.2	2.9	4.6	3.0	3.1	2.8	3.8	3.5	3.8	4.3	4.7	3.9	5.0
Technicians and related support	2.2	1.7	2.3	1.2	1.2	1.4	2.1	2.1	2.0	2.2	3.4	2.2	3.9
Health technologists and technicians	2.3	1.4	2.6	1.5	1.1	2.2	1.8	1.6	1.8	2.2	2.1	1.9	2.2
Engineering and science technicians	2.4	1.9	2.6	1.2	1.2	1.0	2.2	1.6	2.7	2.7	4.9	2.7	6.0
Sales occupations	4.4	3.2	4.9	3.9	4.1	3.6	4.4	4.2	4.4	5.0	5.2	4.3	5.6
Supervisors and proprietors	2.1	1.6	2.3	1.6	2.0	.8	1.8	1.9	1.5	1.7	2.7	2.1	2.9
Sales representatives, finance and business services	2.7	1.2	3.2	3.2	3.0	3.8	2.9	3.2	2.1	2.9	3.2	3.2	3.2
Sales representatives, commodities, except retail	2.9	1.5	3.5	1.6	1.7	1.4	1.9	2.4	.9	1.6	2.6	.6	3.3
Sales workers, retail and personal services	7.0	5.4	7.6	6.2	6.4	5.7	7.3	6.5	7.6	8.3	8.1	6.7	8.7
Administrative support, including clerical	4.4	2.9	4.9	2.6	2.7	2.4	3.6	3.2	3.7	4.2	4.5	3.9	4.7
Computer equipment operators	3.4	(²)	3.6	2.7	2.7	(²)	3.6	3.4	(²)	(²)	3.6	(²)	(²)
Secretaries, stenographers, and typists	4.0	2.9	4.4	2.1	2.2	1.8	3.2	2.7	3.8	3.7	4.1	3.3	4.4
Financial records processing	2.8	1.8	3.2	2.1	2.6	1.0	2.8	2.2	3.1	3.5	2.7	1.8	3.1
Mail and message distributing	4.1	3.1	4.4	1.9	2.0	1.8	2.5	2.2	(²)	3.5	2.6	2.6	2.7
Service occupations	6.3	4.7	6.9	5.6	5.8	5.0	6.6	6.1	7.4	6.8	7.0	6.5	7.2
Private household	8.9	(²)	10.2	7.6	8.7	(²)	8.1	8.2	(²)	7.5	7.6	11.0	6.9
Protective service	3.6	2.6	3.9	3.2	3.0	3.6	3.0	3.0	4.6	2.4	4.1	3.7	4.2
Service, except private household and protective	6.7	5.0	7.2	5.8	6.0	5.2	7.1	6.6	7.8	7.6	7.4	6.7	7.8
Food service	7.4	6.5	7.8	7.1	7.3	6.8	8.6	7.7	9.9	9.4	8.6	8.3	8.7
Health service	5.8	2.8	6.9	4.1	4.1	4.0	5.6	5.0	5.6	6.4	5.7	3.9	6.3
Cleaning and building service	6.8	5.5	7.3	6.8	7.4	5.5	6.8	7.0	7.9	6.2	7.8	7.0	8.2
Personal service	5.9	4.0	6.5	3.2	3.4	2.7	5.3	4.9	5.1	6.0	5.7	4.7	6.2
Precision production, craft, and repair	4.7	3.3	5.3	3.6	3.8	3.2	3.8	3.3	4.3	4.1	5.2	3.8	5.8
Mechanics and repairers	3.1	2.5	3.4	2.4	2.7	1.7	2.8	2.3	4.0	3.0	4.0	2.7	4.6
Construction trades	6.6	4.7	7.5	5.1	5.6	4.2	5.0	4.6	5.1	5.5	6.8	5.5	7.5
Operators, fabricators, and laborers	7.0	6.3	7.2	5.9	6.1	5.3	6.3	6.2	5.7	6.9	8.1	6.3	8.8
Machine operators, assemblers, and inspectors ..	5.9	5.1	6.2	5.0	5.0	4.8	5.8	5.5	5.2	6.9	8.1	6.2	8.6
Transportation and material moving occupations	5.8	6.0	5.8	4.3	4.5	3.8	4.5	4.8	3.4	4.7	5.9	4.5	6.5
Motor vehicle operators	5.5	5.6	5.5	3.9	4.1	3.4	3.9	4.1	2.6	4.4	5.2	3.8	5.8

See footnotes at end of table.

**Table 3. Census regions and divisions: Employment status of the experienced¹ civilian labor force by occupation, 1998 annual averages
— Continued**

(Numbers in thousands)

Employment status and occupation	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
UNEMPLOYMENT RATE—Continued													
Handlers, equipment cleaners, helpers, and laborers	9.6	8.6	10.0	9.1	9.6	7.9	9.1	8.8	9.2	9.5	10.2	8.1	11.0
Construction laborers	18.8	(²)	18.5	15.1	16.0	(²)	11.8	10.5	(²)	11.3	13.7	8.9	16.2
Farming, forestry, and fishing	7.8	7.2	8.0	4.6	6.5	2.8	5.5	6.1	4.6	5.3	8.8	6.7	9.6
Farm operators and managers .....	.3	(²)	(³)	.2	.1	.2	.4	.7	.6	.2	.6	.6	.6

¹ Excludes persons with no previous work experience.

² Data are not shown when the labor force base does not meet BLS publication standards of reliability for the particular area, based on the sample in that area. See appendix B.

³ Less than 500 persons or less than 0.05 percent.

NOTE: Totals for the summary groups published include other occupations not shown separately. Items may not compute to displayed rates because of rounding.

Table 4. Census regions and divisions: Percent distribution of employed persons by occupation, sex, race, and Hispanic origin, 1998 annual averages

Population group and occupation	Northeast			Midwest			South			West			
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
TOTAL													
Total (in thousands)	24,861	6,865	17,997	31,912	22,063	9,849	45,722	23,702	7,741	14,279	29,105	8,328	20,777
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	31.4	32.9	30.9	28.3	28.1	28.6	28.7	30.0	26.5	27.8	30.9	30.0	31.3
Executive, administrative, and managerial	15.0	15.7	14.7	13.9	14.0	13.8	14.1	14.9	13.2	13.4	15.2	14.8	15.4
Professional specialty	16.5	17.2	16.1	14.3	14.1	14.8	14.6	15.1	13.4	14.4	15.7	15.2	15.9
Engineers	1.5	2.0	1.3	1.5	1.7	1.1	1.5	1.5	1.4	1.5	1.8	1.8	1.8
Mathematical and computer scientists	1.3	1.6	1.2	1.2	1.2	1.2	1.3	1.5	.6	1.2	1.5	1.4	1.6
Health diagnosing occupations	1.0	.9	1.0	.8	.8	.6	.8	.8	.9	.8	.8	.7	.8
Health assessment and treating occupations	2.6	2.6	2.6	2.3	2.3	2.3	2.1	2.1	2.4	2.0	1.9	1.9	1.9
Teachers, except college and university	3.8	3.7	3.9	3.5	3.3	4.0	4.0	3.8	4.2	4.0	3.7	3.6	3.8
Technical, sales, and administrative support	30.1	29.0	30.6	28.8	28.7	29.2	29.4	29.6	29.1	29.2	29.0	29.6	28.8
Technicians and related support	3.2	3.0	3.3	3.2	3.1	3.4	3.3	3.4	3.3	3.2	3.2	3.3	3.2
Health technologists and technicians	1.3	1.1	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.3	1.1	1.0	1.1
Engineering and science technicians .....	.9	1.0	.8	.9	.8	1.0	1.0	1.0	1.0	1.0	1.0	1.3	.9
Sales occupations	12.1	11.8	12.2	11.7	11.6	11.9	12.2	12.4	12.2	11.9	12.2	12.7	12.1
Supervisors and proprietors	3.6	3.4	3.7	3.4	3.3	3.6	3.7	3.8	3.9	3.6	3.6	3.6	3.6
Sales representatives, finance and business services	2.2	2.2	2.2	1.9	1.9	1.9	2.0	2.3	1.6	1.8	2.1	2.2	2.0
Sales representatives, commodities, except retail	1.2	1.2	1.2	1.2	1.3	1.2	1.1	1.2	1.1	1.1	1.3	1.2	1.3
Sales workers, retail and personal services	5.0	4.9	5.1	5.0	5.0	5.1	5.3	5.1	5.5	5.4	5.2	5.5	5.1
Administrative support, including clerical	14.8	14.2	15.1	14.0	14.0	13.9	13.9	13.8	13.6	14.1	13.6	13.6	13.5
Computer equipment operators .....	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2
Secretaries, stenographers, and typists	3.3	2.7	3.5	2.8	2.8	2.8	2.8	2.7	2.9	2.2	2.2	2.3	2.2
Financial records processing	1.6	1.7	1.5	1.7	1.7	1.8	1.7	1.6	1.8	1.8	1.6	1.8	1.6
Mail and message distributing .....	.8	.7	.9	.7	.7	.8	.7	.7	.6	.7	.8	.7	.8
Service occupations	14.5	13.5	14.8	13.0	13.2	12.7	13.3	13.2	12.3	14.0	13.8	14.3	13.6
Private household .....	.6	.5	.7	.4	.4	.4	.6	.6	.4	.8	.9	.5	1.1
Protective service	2.2	1.7	2.4	1.4	1.5	1.2	2.0	2.0	1.7	2.1	1.8	1.9	1.8
Service, except private household and protective	11.6	11.2	11.8	11.2	11.2	11.1	10.7	10.6	10.1	11.1	11.1	11.9	10.8
Food service	4.5	4.5	4.6	4.7	4.8	4.6	4.4	4.3	4.2	4.7	4.9	5.3	4.7
Health service	2.5	2.4	2.5	1.8	1.9	1.8	1.8	1.6	1.9	2.0	1.6	1.5	1.6
Cleaning and building service	2.4	2.2	2.5	2.3	2.3	2.2	2.4	2.5	2.0	2.5	2.3	2.4	2.3
Personal service	2.2	2.1	2.2	2.3	2.2	2.5	2.1	2.1	2.1	2.0	2.3	2.7	2.2
Precision production, craft, and repair	9.9	11.1	9.5	11.1	11.3	10.8	11.7	11.5	12.2	11.7	10.6	11.5	10.2
Mechanics and repairers	3.3	3.4	3.3	3.6	3.5	3.7	3.9	4.0	3.7	3.9	3.6	3.8	3.5
Construction trades	3.7	4.2	3.5	4.0	3.9	4.1	4.8	4.8	5.2	4.5	4.2	4.9	3.9
Operators, fabricators, and laborers	12.5	11.9	12.8	15.8	16.7	13.6	14.4	13.6	17.3	14.2	12.1	11.3	12.4
Machine operators, assemblers, and inspectors	5.3	5.6	5.2	7.4	8.1	5.9	6.1	5.8	8.2	5.3	4.6	3.7	5.0
Transportation and material moving occupations	3.7	3.1	3.9	4.3	4.4	4.1	4.4	4.1	4.9	4.7	3.7	3.8	3.6
Motor vehicle operators	3.1	2.5	3.2	3.2	3.3	3.0	3.2	3.1	3.3	3.5	2.8	2.9	2.8
Handlers, equipment cleaners, helpers, and laborers	3.5	3.2	3.7	4.1	4.2	3.7	3.9	3.7	4.2	4.2	3.9	3.9	3.8
Construction laborers .....	.5	.5	.6	.5	.5	.5	.6	.6	.5	.7	.8	1.0	.7
Farming, forestry, and fishing	1.5	1.6	1.5	2.9	2.0	5.1	2.5	2.1	2.7	3.1	3.6	3.3	3.7
Farm operators and managers .....	.4	.3	.4	1.5	.8	3.2	.9	.5	1.1	1.3	.7	1.0	.6
Men													
Total (in thousands)	13,194	3,608	9,586	16,985	11,756	5,229	24,552	12,585	4,127	7,840	16,035	4,533	11,502
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	30.5	32.0	29.9	26.5	26.8	25.8	27.1	28.5	25.0	25.8	29.5	28.8	29.8
Executive, administrative, and managerial	16.3	16.5	16.2	14.3	14.5	13.7	14.6	15.5	14.2	13.4	15.2	14.7	15.4
Professional specialty	14.2	15.5	13.7	12.2	12.2	12.0	12.4	13.0	10.8	12.5	14.3	14.1	14.4
Engineers	2.5	3.3	2.1	2.5	2.8	1.8	2.5	2.6	2.4	2.5	2.8	3.0	2.8
Mathematical and computer scientists	1.8	2.1	1.7	1.6	1.6	1.5	1.7	2.0	.8	1.6	2.0	1.9	2.1
Health diagnosing occupations	1.3	1.3	1.4	1.1	1.2	.9	1.1	1.1	1.3	1.0	1.0	.9	1.1
Health assessment and treating occupations .....	.6	.5	.7	.5	.6	.5	.7	.5	.8	.8	.6	.6	.6
Teachers, except college and university	1.8	1.7	1.9	1.7	1.5	2.0	1.6	1.5	1.6	1.7	1.9	2.1	1.9
Technical, sales, and administrative support	20.7	19.8	21.0	18.7	18.3	19.7	19.2	19.5	18.3	19.2	19.9	19.5	20.0
Technicians and related support	2.8	2.8	2.9	2.6	2.4	3.0	2.8	2.8	2.7	3.0	2.9	3.0	2.9

See footnotes at end of table.

Table 4. Census regions and divisions: Percent distribution of employed persons by occupation, sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and occupation	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
Men—Continued													
Health technologists and technicians .....	.5	.4	.5	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5
Engineering and science technicians	1.3	1.3	1.2	1.2	1.1	1.3	1.4	1.3	1.3	1.6	1.3	1.7	1.2
Sales occupations	11.5	10.8	11.8	10.8	10.5	11.5	11.1	11.6	10.7	10.6	11.2	11.4	11.1
Supervisors and proprietors	4.1	3.3	4.4	3.9	3.7	4.2	4.1	4.2	4.1	4.0	3.9	4.0	3.8
Sales representatives, finance and business services	2.4	2.5	2.4	2.0	1.9	2.0	2.1	2.4	1.6	1.8	2.2	2.4	2.1
Sales representatives, commodities, except retail	1.7	1.8	1.6	1.8	1.8	1.7	1.6	1.6	1.6	1.5	1.6	1.6	1.7
Sales workers, retail and personal services	3.3	3.2	3.3	3.1	3.0	3.5	3.3	3.4	3.3	3.3	3.5	3.4	3.5
Administrative support, including clerical	6.3	6.2	6.3	5.4	5.4	5.2	5.2	5.1	4.9	5.6	5.7	5.0	6.0
Computer equipment operators .....	.3	.3	.3	.3	.3	.3	.2	.2	.2	.3	.2	.2	.2
Secretaries, stenographers, and typists .....	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1
Financial records processing .....	.3	.2	.3	.2	.2	.3	.2	.2	.2	.3	.2	.3	.2
Mail and message distributing	1.1	.9	1.1	.8	.7	.9	.8	.8	.6	.8	.9	.8	.9
Service occupations	11.7	10.3	12.2	9.0	9.2	8.6	9.8	10.2	8.6	9.9	10.8	11.1	10.7
Private household .....	.1	.1	.1	(¹)	(¹)	.1	.1	.1	(¹)	.1	.1	.1	.1
Protective service	3.5	2.8	3.7	2.2	2.4	1.8	3.0	3.0	2.6	3.1	2.7	2.8	2.6
Service, except private household and protective	8.2	7.5	8.5	6.8	6.8	6.8	6.8	7.2	5.9	6.7	8.1	8.2	8.0
Food service	4.0	3.7	4.2	3.4	3.4	3.3	3.4	3.6	2.8	3.5	4.4	4.4	4.4
Health service .....	.5	.4	.5	.3	.3	.4	.4	.3	.5	.4	.4	.3	.5
Cleaning and building service	2.8	2.7	2.9	2.5	2.5	2.4	2.3	2.4	1.8	2.4	2.3	2.4	2.3
Personal service .....	.8	.7	.9	.6	.6	.6	.7	.8	.8	.5	.9	1.1	.9
Precision production, craft, and repair	17.2	19.0	16.5	19.0	19.3	18.4	20.0	19.8	20.8	19.7	17.6	19.5	16.9
Mechanics and repairers	6.0	6.2	5.9	6.5	6.4	6.6	7.0	7.2	6.8	6.7	6.2	6.7	6.0
Construction trades	6.9	7.9	6.5	7.3	7.2	7.5	8.7	8.9	9.5	8.0	7.5	8.8	6.9
Operators, fabricators, and laborers	17.8	16.4	18.3	22.3	23.4	19.8	20.1	18.8	23.2	20.7	16.9	16.2	17.2
Machine operators, assemblers, and inspectors ..	6.1	6.3	6.0	9.3	10.1	7.4	6.8	6.3	8.9	6.5	5.2	4.2	5.6
Transportation and material moving occupations ..	6.2	5.3	6.6	7.3	7.4	6.9	7.4	6.8	8.3	7.8	6.0	6.1	5.9
Motor vehicle operators	5.1	4.4	5.4	5.3	5.5	4.9	5.3	5.0	5.6	5.7	4.5	4.5	4.5
Handlers, equipment cleaners, helpers, and laborers	5.5	4.8	5.7	5.7	5.8	5.5	5.9	5.7	6.1	6.3	5.7	5.9	5.6
Construction laborers	1.0	.9	1.0	1.0	1.0	1.0	1.1	1.2	.9	1.1	1.4	1.7	1.2
Farming, forestry, and fishing	2.2	2.5	2.1	4.5	3.1	7.7	3.8	3.2	4.1	4.7	5.3	5.0	5.4
Farm operators and managers .....	.5	.5	.5	2.3	1.2	4.8	1.2	.7	1.6	1.8	1.0	1.4	.8
Women													
Total (in thousands)	11,668	3,257	8,411	14,927	10,307	4,620	21,170	11,117	3,614	6,439	13,070	3,795	9,275
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	32.5	34.0	32.0	30.3	29.7	31.9	30.7	31.7	28.4	30.3	32.7	31.4	33.2
Executive, administrative, and managerial	13.5	14.8	13.1	13.5	13.3	13.9	13.6	14.2	12.1	13.4	15.3	14.9	15.5
Professional specialty	19.0	19.2	18.9	16.8	16.3	17.9	17.1	17.5	16.3	16.8	17.4	16.5	17.7
Engineers .....	.4	.5	.3	.3	.4	.3	.3	.3	.2	.4	.5	.4	.6
Mathematical and computer scientists .....	.8	1.0	.7	.8	.8	.8	.8	1.0	.4	.7	.9	.8	.9
Health diagnosing occupations .....	.5	.5	.6	.4	.4	.3	.4	.4	.4	.4	.5	.5	.6
Health assessment and treating occupations	4.8	4.9	4.7	4.4	4.4	4.4	3.8	3.8	4.3	3.4	3.5	3.5	3.5
Teachers, except college and university	6.1	5.8	6.2	5.6	5.3	6.4	6.7	6.5	7.1	6.9	5.9	5.5	6.0
Technical, sales, and administrative support	40.8	39.1	41.4	40.3	40.5	39.9	41.2	41.0	41.4	41.3	40.2	41.6	39.7
Technicians and related support	3.7	3.3	3.8	3.8	3.9	3.8	3.9	4.1	4.0	3.5	3.6	3.6	3.5
Health technologists and technicians	2.3	1.9	2.5	2.6	2.6	2.5	2.5	2.5	2.7	2.3	1.8	1.7	1.9
Engineering and science technicians .....	.4	.6	.4	.5	.5	.6	.5	.6	.6	.4	.7	.8	.6
Sales occupations	12.7	12.8	12.6	12.7	12.9	12.3	13.4	13.3	13.8	13.4	13.5	14.1	13.2
Supervisors and proprietors	3.0	3.4	2.8	2.9	2.9	2.9	3.3	3.3	3.7	3.1	3.2	3.1	3.2
Sales representatives, finance and business services	2.0	1.9	2.0	1.8	1.8	1.9	1.9	2.1	1.5	1.7	2.0	2.1	1.9
Sales representatives, commodities, except retail .....	.6	.6	.7	.7	.7	.5	.6	.7	.4	.6	.8	.7	.9
Sales workers, retail and personal services	7.0	6.8	7.0	7.2	7.3	6.9	7.5	7.1	8.1	8.0	7.4	8.0	7.1
Administrative support, including clerical	24.5	23.0	25.0	23.8	23.8	23.7	23.8	23.6	23.6	24.4	23.2	23.9	22.9
Computer equipment operators .....	.4	.4	.4	.3	.4	.2	.4	.4	.4	.3	.3	.3	.2
Secretaries, stenographers, and typists	6.7	5.6	7.2	5.8	5.8	5.8	5.9	5.6	5.7	6.4	4.8	4.9	4.7
Financial records processing	3.1	3.4	3.0	3.4	3.4	3.5	3.5	3.3	3.6	3.7	3.3	3.6	3.3

See footnotes at end of table.

Table 4. Census regions and divisions: Percent distribution of employed persons by occupation, sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and occupation	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
Women—Continued													
Mail and message distributing .....	.5	.5	.6	.7	.7	.6	.6	.6	.6	.5	.7	.5	.7
Service occupations	17.6	16.9	17.8	17.6	17.7	17.3	17.3	16.6	16.5	18.9	17.5	18.1	17.2
Private household	1.3	1.0	1.4	.9	.9	.8	1.3	1.2	.9	1.6	1.9	1.1	2.3
Protective service .....	.8	.6	.9	.5	.6	.4	.8	.9	.6	.8	.7	.7	.7
Service, except private household and protective	15.5	15.4	15.6	16.2	16.3	16.1	15.2	14.6	15.0	16.5	14.9	16.3	14.3
Food service	5.1	5.3	5.1	6.2	6.3	6.1	5.6	5.2	5.8	6.1	5.5	6.4	5.2
Health service	4.7	4.7	4.8	3.6	3.7	3.4	3.4	3.1	3.4	3.9	3.0	2.9	3.0
Cleaning and building service	1.9	1.7	2.0	2.1	2.2	1.9	2.6	2.7	2.1	2.7	2.3	2.5	2.2
Personal service	3.7	3.7	3.8	4.3	4.1	4.7	3.6	3.5	3.6	3.8	4.0	4.5	3.8
Precision production, craft, and repair	1.8	2.4	1.6	2.1	2.1	2.2	2.0	2.0	2.3	1.9	1.9	2.0	1.9
Mechanics and repairers .....	.2	.3	.2	.3	.3	.3	.3	.4	.2	.4	.3	.3	.3
Construction trades .....	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2
Operators, fabricators, and laborers	6.6	6.9	6.5	8.4	9.1	6.7	7.8	7.8	10.5	6.4	6.2	5.5	6.5
Machine operators, assemblers, and inspectors ..	4.5	4.9	4.3	5.2	5.8	4.1	5.2	5.3	7.4	3.9	3.9	3.0	4.2
Transportation and material moving occupations ..	.8	.6	.9	.9	.9	1.0	1.0	1.0	1.0	.9	.8	1.0	.8
Motor vehicle operators .....	.7	.6	.8	.7	.7	.8	.8	.8	.7	.8	.8	.9	.7
Handlers, equipment cleaners, helpers, and laborers	1.3	1.4	1.3	2.2	2.4	1.6	1.6	1.5	2.1	1.6	1.6	1.5	1.6
Construction laborers	(1)	(1)	(1)	(1)	(1)	(1)	.1	.1	.1	.1	.1	.1	.1
Farming, forestry, and fishing .....	.7	.7	.7	1.2	.8	2.1	1.0	.9	1.0	1.2	1.5	1.3	1.5
Farm operators and managers .....	.2	.2	.2	.7	.3	1.4	.5	.3	.5	.8	.4	.6	.3
White													
Total (in thousands)	21,389	6,396	14,993	28,656	19,462	9,194	36,299	18,207	6,244	11,847	24,697	7,738	16,958
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	32.4	33.7	31.8	28.7	28.7	28.8	31.0	32.9	29.1	29.0	31.2	30.6	31.4
Executive, administrative, and managerial	15.7	16.2	15.5	14.4	14.5	14.0	15.5	16.6	14.7	14.3	15.5	15.0	15.6
Professional specialty	16.7	17.4	16.4	14.4	14.1	14.8	15.5	16.3	14.5	14.8	15.7	15.5	15.8
Engineers	1.5	2.0	1.3	1.5	1.7	1.1	1.7	1.7	1.5	1.6	1.7	1.8	1.7
Mathematical and computer scientists	1.3	1.5	1.2	1.2	1.2	1.2	1.3	1.6	.6	1.1	1.4	1.4	1.5
Health diagnosing occupations	1.0	.9	1.0	.7	.8	.6	.9	.9	.9	.8	.8	.7	.8
Health assessment and treating occupations	2.5	2.6	2.4	2.3	2.3	2.4	2.2	2.3	2.7	1.9	1.8	2.0	1.8
Teachers, except college and university	4.0	3.7	4.2	3.6	3.4	4.1	4.1	4.0	4.4	4.1	3.9	3.7	4.0
Technical, sales, and administrative support	30.1	29.0	30.6	28.8	28.6	29.2	29.8	30.1	29.9	29.1	28.5	29.6	28.0
Technicians and related support	3.1	3.0	3.2	3.1	3.0	3.4	3.3	3.5	3.3	3.2	3.2	3.3	3.1
Health technologists and technicians	1.3	1.1	1.3	1.4	1.4	1.4	1.3	1.4	1.5	1.2	1.1	1.0	1.1
Engineering and science technicians .....	.9	1.0	.9	.9	.8	1.0	1.0	1.0	1.0	1.1	1.0	1.3	.9
Sales occupations	12.3	11.9	12.5	11.9	11.8	12.1	12.7	13.2	12.9	11.9	12.4	12.7	12.2
Supervisors and proprietors	3.8	3.5	3.9	3.6	3.5	3.8	4.0	4.1	4.4	3.7	3.6	3.7	3.5
Sales representatives, finance and business services	2.3	2.3	2.3	1.9	1.9	2.0	2.2	2.6	1.7	1.9	2.2	2.3	2.1
Sales representatives, commodities, except retail	1.3	1.2	1.4	1.4	1.4	1.3	1.3	1.4	1.3	1.2	1.4	1.2	1.4
Sales workers, retail and personal services	4.9	4.9	4.9	4.9	4.9	5.0	5.1	5.0	5.4	5.0	5.2	5.4	5.1
Administrative support, including clerical	14.6	14.1	14.8	13.8	13.8	13.8	13.7	13.5	13.7	14.1	12.9	13.5	12.7
Computer equipment operators .....	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2
Secretaries, stenographers, and typists	3.3	2.7	3.6	2.8	2.8	2.9	2.9	2.8	3.0	3.1	2.2	2.4	2.1
Financial records processing	1.7	1.8	1.7	1.8	1.8	1.8	1.9	1.8	2.0	2.0	1.6	1.8	1.5
Mail and message distributing .....	.8	.7	.8	.6	.6	.7	.6	.6	.5	.6	.6	.6	.6
Service occupations	13.2	12.9	13.3	12.3	12.3	12.3	11.5	11.2	10.1	12.6	13.4	13.8	13.3
Private household .....	.6	.5	.6	.4	.5	.4	.6	.5	.4	.8	1.0	.5	1.2
Protective service	2.1	1.7	2.2	1.3	1.4	1.1	1.8	1.8	1.5	1.9	1.8	1.9	1.7
Service, except private household and protective	10.5	10.7	10.4	10.5	10.4	10.8	9.1	8.9	8.2	10.0	10.7	11.4	10.3
Food service	4.5	4.4	4.5	4.6	4.7	4.5	4.1	4.1	3.7	4.3	4.8	5.1	4.7
Health service	1.8	2.1	1.7	1.6	1.5	1.7	1.2	1.0	1.3	1.4	1.4	1.4	1.4
Cleaning and building service	2.1	2.1	2.2	2.0	2.0	2.1	1.8	1.8	1.3	2.2	2.2	2.3	2.2
Personal service	2.1	2.1	2.1	2.3	2.1	2.5	2.0	2.0	1.9	2.0	2.3	2.5	2.1
Precision production, craft, and repair	10.4	11.3	10.0	11.6	11.8	11.1	12.4	12.3	12.8	12.4	10.8	11.6	10.5
Mechanics and repairers	3.4	3.4	3.5	3.7	3.7	3.8	4.2	4.3	4.0	4.2	3.6	3.8	3.5

See footnotes at end of table.

Table 4. Census regions and divisions: Percent distribution of employed persons by occupation, sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and occupation	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
White—Continued													
Construction trades	4.0	4.4	3.8	4.2	4.2	4.3	5.2	5.3	5.6	4.9	4.5	5.0	4.3
Operators, fabricators, and laborers	12.3	11.5	12.7	15.4	16.4	13.2	12.6	11.2	15.3	13.4	12.2	11.1	12.7
Machine operators, assemblers, and inspectors ..	5.2	5.3	5.2	7.2	8.0	5.6	5.1	4.5	7.0	4.9	4.5	3.4	5.0
Transportation and material moving occupations	3.6	3.1	3.8	4.2	4.2	4.1	4.0	3.5	4.6	4.4	3.8	3.8	3.8
Motor vehicle operators	3.0	2.5	3.2	3.1	3.2	3.0	2.9	2.6	3.2	3.3	2.8	2.8	2.8
Handlers, equipment cleaners, helpers, and laborers	3.5	3.1	3.6	3.9	4.2	3.5	3.5	3.2	3.7	4.0	3.9	3.9	3.9
Construction laborers .....	.5	.5	.6	.5	.6	.5	.6	.6	.5	.6	.9	1.0	.8
Farming, forestry, and fishing	1.6	1.7	1.6	3.2	2.2	5.4	2.8	2.3	2.8	3.4	3.9	3.5	4.1
Farm operators and managers .....	.4	.4	.5	1.7	.9	3.4	1.0	.6	1.3	1.5	.8	1.1	.6
Black													
Total (in thousands)	2,532	339	2,193	2,492	2,074	418	8,223	4,884	1,420	1,918	1,325	214	1,111
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	21.7	18.0	22.3	21.0	20.2	24.9	18.2	18.5	14.9	19.8	28.9	21.5	30.3
Executive, administrative, and managerial	9.3	6.8	9.7	10.0	9.5	12.2	8.5	8.9	7.1	8.6	13.9	11.7	14.3
Professional specialty	12.4	11.2	12.6	11.0	10.8	12.4	9.6	9.6	7.7	11.3	15.1	9.8	16.0
Engineers .....	.4	.9	.4	.6	.6	.5	.5	.5	.7	.5	1.1	.9	1.1
Mathematical and computer scientists .....	.8	.3	.8	.7	.7	.7	.9	1.0	.5	1.0	1.2	.5	1.4
Health diagnosing occupations .....	.4	.9	.3	.4	.4	.5	.2	.1	.3	.4	.5	.5	.5
Health assessment and treating occupations	3.1	2.4	3.2	1.4	1.6	.7	1.5	1.4	1.1	2.0	1.8	.9	2.0
Teachers, except college and university	2.9	3.5	2.8	3.3	3.0	4.8	3.5	3.4	3.3	3.9	3.9	1.9	4.3
Technical, sales, and administrative support	31.2	29.2	31.5	30.0	29.7	31.3	28.0	28.1	26.1	29.1	32.8	32.2	32.9
Technicians and related support	3.5	3.5	3.6	2.8	2.7	2.9	3.1	3.1	3.3	2.8	2.5	1.9	2.6
Health technologists and technicians	1.9	2.1	1.9	1.7	1.7	1.7	1.6	1.6	1.8	1.6	1.2	.5	1.4
Engineering and science technicians .....	.7	.6	.7	.5	.5	.7	.9	.9	1.0	.7	.5	.5	.5
Sales occupations	9.7	10.0	9.7	10.0	9.8	10.8	9.7	9.4	9.0	10.8	9.5	11.2	9.2
Supervisors and proprietors	1.9	1.8	1.9	1.9	1.9	1.9	2.2	2.2	2.0	2.5	2.2	1.9	2.3
Sales representatives, finance and business services	1.6	1.5	1.6	1.6	1.7	1.2	1.2	1.2	.8	1.3	2.1	2.3	2.1
Sales representatives, commodities, except retail .....	.2	(¹)	.2	.2	.3	(¹)	.3	.4	.1	.3	.7	.9	.6
Sales workers, retail and personal services	6.0	6.5	5.9	6.2	5.9	7.4	5.9	5.6	6.0	6.8	4.5	6.1	4.1
Administrative support, including clerical	17.9	15.9	18.2	17.3	17.2	17.7	15.2	15.6	13.8	15.4	20.8	19.2	21.1
Computer equipment operators .....	.6	.3	.6	.5	.5	.5	.3	.4	.2	.1	.3	.5	.3
Secretaries, stenographers, and typists	3.1	3.2	3.1	2.2	2.5	1.0	2.2	2.4	1.8	2.1	2.0	1.9	2.1
Financial records processing .....	.9	.6	.9	1.2	1.2	1.2	1.1	1.3	1.1	.8	1.9	1.4	2.0
Mail and message distributing	1.4	1.2	1.5	1.9	1.9	2.2	1.3	1.4	1.0	1.1	1.7	2.3	1.5
Service occupations	25.5	24.8	25.6	21.5	21.8	20.1	20.9	20.1	21.5	22.5	18.9	24.3	17.8
Private household	1.1	.6	1.2	.4	.5	.2	.9	.9	.7	.7	.5	.5	.6
Protective service	3.7	2.7	3.9	2.8	2.7	3.3	3.0	2.9	2.5	3.9	3.8	3.3	3.9
Service, except private household and protective	20.7	21.5	20.5	18.3	18.7	16.5	17.0	16.3	18.4	17.9	14.5	20.6	13.3
Food service	4.3	4.7	4.3	5.2	4.9	6.5	5.2	4.5	6.3	6.2	3.8	7.9	3.1
Health service	8.5	9.4	8.3	4.8	5.0	3.6	4.4	4.0	4.2	5.5	4.1	3.3	4.2
Cleaning and building service	4.9	5.3	4.8	5.1	5.3	4.3	5.1	5.5	4.8	4.3	2.9	4.2	2.6
Personal service	3.0	2.1	3.1	3.3	3.5	2.2	2.3	2.3	3.0	1.9	3.6	4.7	3.4
Precision production, craft, and repair	7.3	9.7	7.0	6.7	7.0	5.5	8.6	8.7	9.9	7.4	7.4	7.5	7.4
Mechanics and repairers	2.5	2.7	2.5	2.1	2.0	2.2	2.7	2.9	2.7	2.3	3.2	3.7	3.1
Construction trades	2.4	2.1	2.4	2.1	2.3	1.0	3.1	3.1	3.7	2.5	2.6	1.4	2.8
Operators, fabricators, and laborers	13.7	17.4	13.1	20.3	20.7	17.9	22.7	23.0	25.6	19.8	11.5	14.0	11.0
Machine operators, assemblers, and inspectors ..	4.9	8.0	4.5	8.1	8.6	5.7	10.1	10.4	13.5	7.0	3.0	4.2	2.8
Transportation and material moving occupations	4.5	4.1	4.6	6.2	6.4	5.3	6.6	6.7	6.1	6.9	4.6	4.7	4.6
Motor vehicle operators	3.8	3.5	3.8	4.6	4.7	3.8	4.8	4.8	3.8	5.4	4.4	4.7	4.3
Handlers, equipment cleaners, helpers, and laborers	4.2	5.3	4.1	6.0	5.7	7.2	5.9	5.9	6.0	5.9	3.8	4.7	3.7
Construction laborers .....	.6	(¹)	.7	.5	.5	.7	.8	.8	.6	.7	.4	1.4	.3
Farming, forestry, and fishing .....	.6	.6	.5	.4	.5	.2	1.7	1.6	2.1	1.5	.6	.9	.6
Farm operators and managers	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	.2	.1	.2	.2	.2	(¹)	.2

See footnotes at end of table.

Table 4. Census regions and divisions: Percent distribution of employed persons by occupation, sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and occupation	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
Hispanic origin													
Total (in thousands)	1,955	301	1,654	1,075	855	220	4,513	1,636	69	2,808	5,778	1,373	4,406
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	16.0	15.0	16.1	13.4	13.2	14.1	16.5	19.7	21.7	14.4	12.7	13.5	12.5
Executive, administrative, and managerial	8.7	6.0	9.2	7.4	7.3	8.2	8.4	10.3	4.3	7.5	6.9	7.3	6.8
Professional specialty	7.3	9.0	7.0	6.0	6.0	5.9	8.1	9.5	18.8	7.0	5.8	6.1	5.7
Engineers .....	.5	.3	.5	.5	.6	(¹)	.7	.7	1.4	.7	.5	.5	.5
Mathematical and computer scientists .....	.6	1.7	.4	.8	.8	.9	.5	.7	(¹)	.4	.5	.7	.5
Health diagnosing occupations .....	.4	.3	.4	.5	.5	.5	.5	.9	2.9	.2	.1	.1	.1
Health assessment and treating occupations .....	.7	.7	.7	.7	.6	.9	.9	1.0	4.3	.7	.7	.9	.6
Teachers, except college and university	1.8	2.7	1.8	1.5	1.6	.9	2.4	2.3	1.4	2.5	1.8	1.8	1.8
Technical, sales, and administrative support	25.7	19.6	26.8	20.0	20.5	18.2	25.6	27.1	21.7	24.8	22.9	25.1	22.2
Technicians and related support	2.0	1.3	2.2	1.8	2.0	.9	2.5	3.0	2.9	2.2	1.9	2.4	1.8
Health technologists and technicians	1.0	.7	1.1	.6	.6	.5	1.0	1.3	(¹)	.9	.9	.9	.9
Engineering and science technicians .....	.5	(¹)	.5	.3	.4	.5	1.0	.8	2.9	1.1	.6	.8	.5
Sales occupations	9.3	7.6	9.6	7.9	7.5	9.1	10.3	11.1	8.7	9.9	8.9	10.4	8.5
Supervisors and proprietors	2.1	1.0	2.4	2.3	2.3	2.3	2.4	2.7	1.4	2.3	2.1	2.8	2.0
Sales representatives, finance and business services .....	.8	1.0	.7	.4	.4	.5	1.5	1.8	(¹)	1.2	.8	1.1	.7
Sales representatives, commodities, except retail .....	.6	(¹)	.7	.5	.5	.5	.7	1.0	1.4	.5	.7	.9	.6
Sales workers, retail and personal services	5.8	6.0	5.8	4.7	4.3	6.4	5.7	5.5	5.8	5.8	5.4	5.7	5.3
Administrative support, including clerical	14.4	10.6	15.1	10.4	11.0	7.7	12.8	13.1	10.1	12.6	12.0	12.3	11.9
Computer equipment operators .....	.2	.3	.2	.4	.5	(¹)	.2	(¹)	(¹)	.3	.2	.1	.2
Secretaries, stenographers, and typists	2.8	1.3	3.1	1.1	1.1	1.4	1.9	2.3	4.3	1.6	1.7	2.3	1.5
Financial records processing	1.1	1.3	1.0	.7	.7	.9	1.4	1.1	2.9	1.5	.9	1.3	.8
Mail and message distributing	1.2	.3	1.3	.6	.4	1.4	.6	.4	(¹)	.7	.8	.9	.8
Service occupations	23.8	26.9	23.3	19.1	18.0	23.2	19.2	18.7	18.8	19.6	19.7	20.7	19.4
Private household	2.0	2.7	1.9	.4	.2	.5	1.9	2.0	2.9	1.9	2.3	.8	2.8
Protective service	2.3	1.7	2.4	.7	.8	.5	1.4	1.5	2.9	1.4	1.5	1.6	1.5
Service, except private household and protective	19.6	22.6	19.0	18.0	17.0	22.3	15.9	15.3	13.0	16.3	15.8	18.2	15.1
Food service	7.8	7.0	7.9	10.7	9.9	13.6	7.5	7.2	8.7	7.5	7.5	8.6	7.1
Health service	3.2	4.7	3.0	1.2	1.3	.9	1.9	1.6	1.4	2.1	1.5	1.5	1.5
Cleaning and building service	5.6	7.3	5.4	4.0	3.6	5.5	4.7	4.4	(¹)	4.9	4.8	5.8	4.4
Personal service	2.9	3.7	2.8	2.0	2.1	1.8	1.9	2.1	1.4	1.7	2.1	2.3	2.1
Precision production, craft, and repair	9.7	13.3	9.1	13.4	12.9	15.5	15.3	13.7	10.1	16.5	13.3	15.7	12.6
Mechanics and repairers	2.8	4.7	2.5	3.2	3.5	1.8	4.0	3.9	1.4	4.2	3.9	4.4	3.8
Construction trades	3.4	2.3	3.6	4.7	4.4	5.9	7.6	7.2	7.2	7.8	5.7	7.5	5.1
Operators, fabricators, and laborers	23.6	24.9	23.4	30.9	32.2	25.5	18.8	15.8	21.7	20.5	22.2	18.4	23.3
Machine operators, assemblers, and inspectors ..	11.8	16.6	10.9	17.7	18.4	15.5	7.5	5.9	14.5	8.3	10.1	6.2	11.3
Transportation and material moving occupations ..	4.9	2.0	5.4	4.9	5.4	3.2	4.7	3.8	(¹)	5.3	4.8	4.7	4.9
Motor vehicle operators	4.3	1.3	4.9	3.4	3.7	2.3	3.5	3.3	(¹)	3.7	3.6	3.4	3.7
Handlers, equipment cleaners, helpers, and laborers	6.9	6.3	7.0	8.3	8.5	7.3	6.6	6.1	5.8	6.9	7.2	7.6	7.1
Construction laborers	1.1	.7	1.1	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.6	2.1	1.5
Farming, forestry, and fishing	1.2	.3	1.3	3.2	3.2	3.2	4.5	4.9	5.8	4.3	9.2	6.7	10.0
Farm operators and managers .....	.1	(¹)	.1	.2	.1	(¹)	.2	.2	(¹)	.2	.2	.3	.2

¹ Less than 500 persons employed or less than 0.05 percent of total employed.

NOTE: Totals for the summary groups published include other occupations, not shown separately. Items may not add to totals or compute to displayed

percentages because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 5. Census regions and divisions: Employment status of the experienced¹ civilian labor force for private nonagricultural wage and salary workers by industry, 1998 annual averages

(Numbers in thousands)

Employment status and industry	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
CIVILIAN LABOR FORCE													
Total	20,317	5,613	14,704	25,918	18,423	7,495	36,058	18,741	6,114	11,203	22,262	6,423	15,839
Mining	(²)	(²)	(²)	72	(²)	(²)	371	(²)	59	258	142	97	(²)
Construction	1,104	303	801	1,557	1,073	484	2,764	1,452	463	849	1,624	589	1,035
Manufacturing	3,817	1,212	2,604	6,372	4,903	1,470	6,890	3,406	1,475	2,010	3,983	897	3,086
Durable goods	2,168	781	1,387	4,260	3,403	857	3,667	1,730	867	1,069	2,591	590	2,001
Lumber and wood products	97	(²)	67	166	114	(²)	356	152	133	72	206	49	158
Furniture and fixtures	83	(²)	67	231	179	(²)	277	147	94	(²)	90	(²)	68
Stone, clay, and glass products	112	(²)	95	180	143	(²)	217	98	(²)	73	91	(²)	61
Primary metal industries	140	(²)	109	343	308	(²)	206	90	52	63	76	(²)	55
Fabricated metal products	279	109	170	520	425	95	383	164	99	120	217	47	170
Machinery and computing equipment	425	149	276	930	708	221	688	304	126	257	479	121	359
Electrical machinery, equipment, and supplies ..	384	174	210	481	377	104	633	317	107	209	499	122	378
Transportation equipment	247	112	136	1,038	900	138	590	278	160	153	542	90	452
Motor vehicles	88	(²)	69	868	803	(²)	299	124	125	50	92	(²)	69
Professional and photographic equipment, and watches, etc.	244	85	159	179	108	71	159	97	(²)	(²)	225	51	175
Nondurable goods	1,648	431	1,217	2,113	1,500	613	3,223	1,676	607	940	1,392	307	1,085
Food and kindred products	248	51	197	506	324	182	641	255	126	260	349	108	241
Textile mill products	94	(²)	61	(²)	(²)	(²)	463	402	(²)	(²)	(²)	(²)	(²)
Apparel and other textile products	217	(²)	190	71	(²)	(²)	359	153	118	88	221	(²)	201
Paper and allied products	127	50	78	207	155	(²)	280	149	57	74	86	(²)	76
Printing and publishing	420	135	285	507	334	173	476	262	86	128	358	93	265
Chemicals and allied products	321	54	268	349	265	84	511	244	77	189	167	35	132
Transportation, communications, and public utilities	1,455	322	1,133	1,664	1,139	525	2,841	1,448	433	960	1,581	446	1,134
Transportation	878	175	702	1,052	740	312	1,738	871	279	587	975	245	730
Communications and other public utilities	577	147	431	612	399	213	1,104	577	154	373	606	201	405
Wholesale and retail trade	4,929	1,321	3,608	6,575	4,567	2,008	9,490	4,869	1,577	3,044	5,936	1,744	4,191
Wholesale trade	904	205	699	1,235	826	409	1,659	852	249	558	1,169	279	890
Retail trade	4,024	1,116	2,909	5,340	3,741	1,599	7,831	4,017	1,328	2,486	4,767	1,465	3,302
Finance, insurance, and real estate	1,826	477	1,349	1,882	1,298	584	2,678	1,550	400	728	1,606	481	1,125
Services, excluding private households	7,156	1,971	5,185	7,796	5,405	2,391	11,023	5,963	1,707	3,354	7,391	2,169	5,222
Professional services	4,765	1,351	3,414	5,010	3,462	1,548	6,624	3,478	1,131	2,014	3,983	1,140	2,843
Educational services	734	244	491	677	439	238	775	439	122	214	481	119	362
Health services, including hospitals	2,379	666	1,713	2,637	1,832	805	3,355	1,699	610	1,046	1,859	528	1,331
UNEMPLOYED													
Total	940	202	738	1,000	735	264	1,624	772	285	567	1,222	288	934
Mining	(²)	(²)	(²)	2	(²)	(²)	11	(²)	2	7	7	4	(²)
Construction	99	24	75	118	89	29	174	81	34	58	141	37	104
Manufacturing	140	37	103	197	150	47	270	126	64	81	209	34	174
Durable goods	66	24	43	117	91	26	129	61	31	36	115	21	93
Lumber and wood products	4	(²)	2	8	4	(²)	17	9	5	3	15	4	11
Furniture and fixtures	3	(²)	3	4	3	(²)	13	5	6	(²)	6	(²)	5
Stone, clay, and glass products	3	(²)	3	6	4	(²)	6	3	(²)	1	3	(²)	2
Primary metal industries	5	(²)	3	10	9	(²)	9	5	1	3	4	(²)	4
Fabricated metal products	8	3	5	13	10	3	17	9	5	3	11	2	9
Machinery and computing equipment	15	6	9	20	15	6	19	8	3	8	23	4	19
Electrical machinery, equipment, and supplies ..	12	4	9	10	8	2	18	10	4	4	14	4	10
Transportation equipment	5	2	3	31	27	4	13	6	3	4	23	3	20
Motor vehicles	4	(²)	2	28	25	(²)	7	2	3	2	8	(²)	7
Professional and photographic equipment, and watches, etc.	5	2	3	4	2	1	6	3	(²)	(²)	6	1	5
Nondurable goods	74	13	61	80	59	22	141	64	33	44	94	13	81
Food and kindred products	14	3	11	25	16	9	39	12	10	18	33	5	28

See footnotes at end of table.

Table 5. Census regions and divisions: Employment status of the experienced¹ civilian labor force for private nonagricultural wage and salary workers by industry, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and industry	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
UNEMPLOYED—Continued													
Textile mill products	7	(²)	5	(²)	(²)	(²)	18	14	(²)	(²)	(²)	(²)	(²)
Apparel and other textile products	20	(²)	19	5	(²)	(²)	32	14	11	6	19	(²)	18
Paper and allied products	4	1	3	2	2	(²)	9	5	2	3	4	(²)	3
Printing and publishing	14	3	11	22	15	7	14	7	4	3	18	4	14
Chemicals and allied products	8	1	7	10	9	1	9	4	1	3	7	1	6
Transportation, communications, and public utilities	47	9	39	53	39	13	92	44	14	35	62	12	50
Transportation	35	7	28	42	32	10	63	34	7	22	45	8	37
Communications and other public utilities	12	2	10	11	8	3	29	10	7	12	17	4	13
Wholesale and retail trade	275	59	217	311	228	83	530	245	94	191	378	96	282
Wholesale trade	35	7	28	38	29	10	51	27	6	18	61	7	54
Retail trade	240	52	188	273	199	73	479	218	88	173	317	89	228
Finance, insurance, and real estate	45	8	37	37	28	8	65	38	7	21	50	12	38
Services, excluding private households	332	65	267	283	200	83	481	237	70	174	375	92	284
Professional services	147	29	117	113	80	33	204	89	34	81	131	37	94
Educational services	19	4	15	16	11	5	23	10	5	8	20	6	14
Health services, including hospitals	73	15	57	54	38	16	100	41	17	42	51	13	38
UNEMPLOYMENT RATE													
Total	4.6	3.6	5.0	3.9	4.0	3.5	4.5	4.1	4.7	5.1	5.5	4.5	5.9
Mining	(²)	(²)	(²)	2.5	(²)	(²)	3.0	(²)	4.0	2.7	4.8	3.8	(²)
Construction	9.0	8.0	9.4	7.6	8.3	5.9	6.3	5.6	7.4	6.9	8.7	6.3	10.0
Manufacturing	3.7	3.1	4.0	3.1	3.1	3.2	3.9	3.7	4.3	4.0	5.2	3.8	5.6
Durable goods	3.1	3.0	3.1	2.7	2.7	3.0	3.5	3.6	3.6	3.4	4.4	3.6	4.7
Lumber and wood products	3.8	(²)	3.2	4.6	3.6	(²)	4.8	5.9	3.5	4.8	7.2	8.7	6.8
Furniture and fixtures	3.5	(²)	3.9	1.9	1.8	(²)	4.6	3.3	6.1	(²)	6.8	(²)	7.2
Stone, clay, and glass products	2.7	(²)	2.8	3.3	3.0	(²)	2.8	3.1	(²)	1.5	3.8	(²)	3.6
Primary metal industries	3.6	(²)	3.1	2.8	3.0	(²)	4.2	5.1	1.7	5.1	5.4	(²)	7.0
Fabricated metal products	2.7	2.7	2.7	2.5	2.3	3.5	4.4	5.6	5.1	2.3	5.1	3.6	5.5
Machinery and computing equipment	3.5	4.1	3.1	2.2	2.1	2.6	2.8	2.8	2.3	3.1	4.9	3.3	5.4
Electrical machinery, equipment, and supplies ..	3.2	2.2	4.1	2.0	2.1	2.0	2.9	3.1	3.8	2.0	2.8	3.0	2.7
Transportation equipment	2.0	1.8	2.1	3.0	3.0	3.0	2.2	2.1	1.9	2.9	4.2	3.0	4.4
Motor vehicles	4.3	(²)	3.3	3.2	3.1	(²)	2.3	1.5	2.3	4.2	8.7	(²)	10.4
Professional and photographic equipment, and watches, etc.	1.9	1.9	1.9	2.0	2.1	1.8	3.7	2.7	(²)	(²)	2.8	2.7	2.9
Nondurable goods	4.5	3.1	5.0	3.8	3.9	3.5	4.4	3.8	5.4	4.7	6.8	4.3	7.5
Food and kindred products	5.6	5.9	5.5	5.0	5.0	4.9	6.2	4.6	7.8	6.9	9.3	4.4	11.5
Textile mill products	7.7	(²)	8.3	(²)	(²)	(²)	4.0	3.5	(²)	(²)	(²)	(²)	(²)
Apparel and other textile products	9.3	(²)	9.9	7.1	(²)	(²)	8.8	9.4	9.2	7.0	8.8	(²)	9.0
Paper and allied products	2.8	1.8	3.4	1.0	1.3	(²)	3.2	3.1	3.1	3.6	4.3	(²)	4.5
Printing and publishing	3.3	2.1	3.9	4.3	4.3	4.1	2.9	2.6	4.3	2.6	5.0	4.5	5.2
Chemicals and allied products	2.5	1.3	2.7	2.9	3.5	1.1	1.7	1.7	1.8	1.6	4.1	2.4	4.6
Transportation, communications, and public utilities	3.3	2.7	3.4	3.2	3.4	2.6	3.3	3.0	3.1	3.6	3.9	2.7	4.4
Transportation	4.0	4.0	4.0	4.0	4.3	3.3	3.6	3.9	2.4	3.8	4.6	3.2	5.0
Communications and other public utilities	2.1	1.2	2.4	1.8	1.9	1.5	2.7	1.7	4.4	3.3	2.8	2.1	3.2
Wholesale and retail trade	5.6	4.4	6.0	4.7	5.0	4.1	5.6	5.0	6.0	6.3	6.4	5.5	6.7
Wholesale trade	3.9	3.3	4.1	3.1	3.5	2.4	3.1	3.2	2.3	3.3	5.2	2.5	6.0
Retail trade	6.0	4.7	6.5	5.1	5.3	4.6	6.1	5.4	6.6	7.0	6.7	6.1	6.9
Finance, insurance, and real estate	2.5	1.7	2.8	2.0	2.2	1.4	2.4	2.4	1.7	2.8	3.1	2.6	3.4
Services, excluding private households	4.6	3.3	5.2	3.6	3.7	3.5	4.4	4.0	4.1	5.2	5.1	4.2	5.4
Professional services	3.1	2.2	3.4	2.2	2.3	2.1	3.1	2.6	3.0	4.0	3.3	3.2	3.3
Educational services	2.6	1.7	3.1	2.4	2.5	2.3	3.0	2.2	4.2	3.9	4.2	4.8	4.0

See footnotes at end of table.

Table 5. Census regions and divisions: Employment status of the experienced¹ civilian labor force for private nonagricultural wage and salary workers by industry, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and industry	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
UNEMPLOYMENT RATE—Continued													
Health services, including hospitals	3.0	2.3	3.4	2.0	2.1	1.9	3.0	2.4	2.8	4.0	2.7	2.4	2.9

¹ Excludes persons with no previous work experience.

² Data are not shown when the labor force base does not meet BLS publication standards of reliability for the particular area, based on the sample in that area. See appendix B.

NOTE: Totals for the summary groups published include other industries, not shown separately. Items may not add to totals or compute to displayed rates because of rounding.

Table 6. Census regions and divisions: Percent distribution of employed private nonagricultural wage and salary workers by industry, sex, race, and Hispanic origin, 1998 annual averages

Population group and industry	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
TOTAL													
Total (in thousands)	19,377	5,411	13,966	24,919	17,688	7,230	34,434	17,969	5,829	10,636	21,040	6,136	14,904
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mining .....	.2	.1	.2	.3	.2	.4	1.0	.3	1.0	2.4	.6	1.5	.3
Construction	5.2	5.2	5.2	5.8	5.6	6.3	7.5	7.6	7.4	7.4	7.0	9.0	6.2
Manufacturing	19.0	21.7	17.9	24.8	26.9	19.7	19.2	18.3	24.2	18.1	17.9	14.0	19.5
Durable goods	10.8	14.0	9.6	16.6	18.7	11.5	10.3	9.3	14.3	9.7	11.8	9.3	12.8
Lumber and wood products .....	.5	.5	.5	.6	.6	.7	1.0	.8	2.2	.6	.9	.7	1.0
Furniture and fixtures .....	.4	.3	.5	.9	1.0	.7	.8	.8	1.5	.3	.4	.3	.4
Stone, clay, and glass products .....	.6	.3	.7	.7	.8	.5	.6	.5	.8	.7	.4	.5	.4
Primary metal industries .....	.7	.6	.8	1.3	1.7	.5	.6	.5	.9	.6	.3	.3	.3
Fabricated metal products	1.4	2.0	1.2	2.0	2.3	1.3	1.1	.9	1.6	1.1	1.0	.7	1.1
Machinery and computing equipment	2.1	2.6	1.9	3.6	3.9	3.0	1.9	1.6	2.1	2.3	2.2	1.9	2.3
Electrical machinery, equipment, and supplies	1.9	3.2	1.4	1.9	2.1	1.4	1.8	1.7	1.8	1.9	2.3	1.9	2.5
Transportation equipment	1.3	2.0	1.0	4.0	4.9	1.8	1.7	1.5	2.7	1.4	2.5	1.4	2.9
Motor vehicles .....	.4	.3	.5	3.4	4.4	.9	.8	.7	2.1	.5	.4	.4	.4
Professional and photographic equipment, and watches, etc.	1.2	1.6	1.1	.7	.6	1.0	.4	.5	.3	.4	1.0	.8	1.1
Nondurable goods	8.1	7.7	8.3	8.2	8.1	8.2	9.0	9.0	9.8	8.4	6.2	4.8	6.7
Food and kindred products	1.2	.9	1.3	1.9	1.7	2.4	1.7	1.4	2.0	2.3	1.5	1.7	1.4
Textile mill products .....	.4	.6	.4	.1	.1	.2	1.3	2.2	.7	.2	.1	.1	.2
Apparel and other textile products	1.0	.5	1.2	.3	.2	.3	1.0	.8	1.9	.8	1.0	.3	1.2
Paper and allied products .....	.6	.9	.5	.8	.9	.7	.8	.8	1.0	.7	.4	.2	.5
Printing and publishing	2.1	2.4	2.0	1.9	1.8	2.3	1.3	1.4	1.4	1.2	1.6	1.4	1.7
Chemicals and allied products	1.6	1.0	1.9	1.4	1.4	1.1	1.5	1.3	1.3	1.7	.8	.6	.8
Transportation, communications, and public utilities	7.3	5.8	7.8	6.5	6.2	7.1	8.0	7.8	7.2	8.7	7.2	7.1	7.3
Transportation	4.3	3.1	4.8	4.1	4.0	4.2	4.9	4.7	4.7	5.3	4.4	3.9	4.6
Communications and other public utilities	2.9	2.7	3.0	2.4	2.2	2.9	3.1	3.2	2.5	3.4	2.8	3.2	2.6
Wholesale and retail trade	24.0	23.3	24.3	25.1	24.5	26.6	26.0	25.7	25.5	26.8	26.4	26.9	26.2
Wholesale trade	4.5	3.7	4.8	4.8	4.5	5.5	4.7	4.6	4.2	5.1	5.3	4.4	5.6
Retail trade	19.5	19.7	19.5	20.3	20.0	21.1	21.4	21.1	21.3	21.7	21.1	22.4	20.6
Finance, insurance, and real estate	9.2	8.7	9.4	7.4	7.2	8.0	7.6	8.4	6.7	6.7	7.4	7.6	7.3
Services, excluding private households	35.2	35.2	35.2	30.1	29.4	31.9	30.6	31.9	28.1	29.9	33.3	33.9	33.1
Professional services	23.8	24.4	23.6	19.7	19.1	21.0	18.6	18.9	18.8	18.2	18.3	18.0	18.4
Educational services	3.7	4.4	3.4	2.7	2.4	3.2	2.2	2.4	2.0	1.9	2.2	1.8	2.3
Health services, including hospitals	11.9	12.0	11.9	10.4	10.1	10.9	9.5	9.2	10.2	9.4	8.6	8.4	8.7
Men													
Total (in thousands)	10,350	2,844	7,506	13,415	9,569	3,846	18,859	9,746	3,141	5,971	11,793	3,393	8,400
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mining .....	.3	.2	.3	.5	.4	.7	1.6	.5	1.8	3.4	1.0	2.4	.4
Construction	8.9	8.9	8.9	9.7	9.3	10.7	12.4	12.8	12.4	11.9	11.2	14.4	10.0
Manufacturing	23.6	27.7	22.0	32.3	35.1	25.4	23.6	21.9	29.5	23.3	21.9	17.6	23.6
Durable goods	14.6	18.5	13.1	22.8	25.7	15.6	13.6	12.1	18.9	13.2	15.1	12.0	16.3
Lumber and wood products .....	.8	.8	.7	.9	.9	1.0	1.5	1.2	3.4	.9	1.3	1.1	1.4
Furniture and fixtures .....	.6	.4	.7	1.1	1.2	.9	.9	1.0	1.7	.3	.6	.5	.6
Stone, clay, and glass products .....	.8	.5	.9	1.0	1.1	.8	.9	.7	1.1	1.0	.6	.7	.6
Primary metal industries	1.0	.8	1.1	2.1	2.7	.7	.9	.7	1.4	.9	.6	.5	.6
Fabricated metal products	1.9	2.5	1.6	2.8	3.2	1.8	1.4	1.1	2.3	1.5	1.4	1.1	1.5
Machinery and computing equipment	3.1	3.8	2.8	5.4	5.8	4.5	2.7	2.2	2.7	3.5	2.8	2.4	2.9
Electrical machinery, equipment, and supplies	2.2	3.6	1.7	2.0	2.3	1.4	2.0	1.9	2.0	2.4	2.6	2.3	2.8
Transportation equipment	2.0	3.2	1.5	5.7	7.0	2.7	2.4	2.2	3.6	2.0	3.3	1.9	3.9
Motor vehicles .....	.7	.5	.7	4.8	6.2	1.3	1.2	.9	2.7	.7	.5	.4	.6
Professional and photographic equipment, and watches, etc.	1.4	1.8	1.3	.8	.7	1.1	.5	.5	.4	.4	1.1	.9	1.1

See footnotes at end of table.

Table 6. Census regions and divisions: Percent distribution of employed private nonagricultural wage and salary workers by industry, sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and industry	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
Men—Continued													
Nondurable goods	9.0	9.3	8.9	9.5	9.4	9.7	10.1	9.8	10.6	10.1	6.8	5.7	7.3
Food and kindred products	1.5	1.1	1.7	2.5	2.2	3.2	2.0	1.6	2.1	2.6	2.0	2.2	1.8
Textile mill products .....	.5	.7	.4	.1	.1	.1	1.3	2.2	.8	.1	.1	.1	.1
Apparel and other textile products .....	.6	.2	.8	.2	.2	.3	.5	.5	.8	.4	.7	.1	.9
Paper and allied products .....	.9	1.2	.7	1.0	1.1	.9	1.1	1.1	1.4	1.0	.5	.2	.7
Printing and publishing	2.3	2.8	2.0	2.0	1.9	2.3	1.4	1.5	1.3	1.2	1.7	1.7	1.8
Chemicals and allied products	1.9	1.3	2.1	1.6	1.7	1.4	1.9	1.6	1.9	2.5	.9	.7	.9
Transportation, communications, and public utilities	9.7	7.7	10.5	8.5	8.1	9.4	10.4	10.2	10.1	11.0	8.9	8.8	8.9
Transportation	6.0	4.3	6.7	5.6	5.5	5.9	6.7	6.4	6.8	7.3	5.7	4.9	6.0
Communications and other public utilities	3.7	3.4	3.9	2.9	2.6	3.4	3.7	3.8	3.2	3.8	3.2	3.9	2.9
Wholesale and retail trade	24.4	23.7	24.7	23.7	22.4	26.7	25.0	25.3	23.5	25.3	25.5	25.5	25.6
Wholesale trade	5.8	5.1	6.1	6.4	5.8	7.7	6.0	5.9	5.8	6.3	6.3	5.7	6.5
Retail trade	18.6	18.6	18.6	17.3	16.6	19.0	19.0	19.4	17.7	18.9	19.2	19.7	19.0
Finance, insurance, and real estate	7.7	6.9	8.0	5.0	4.8	5.4	5.1	6.0	4.2	4.3	5.4	5.4	5.3
Services, excluding private households	25.4	24.9	25.6	20.4	19.9	21.8	21.8	23.3	18.6	20.9	26.2	26.0	26.2
Professional services	13.4	13.4	13.5	10.0	9.6	10.9	9.9	10.2	10.0	9.4	10.6	10.4	10.6
Educational services	2.6	3.3	2.4	1.6	1.5	2.1	1.2	1.4	1.1	1.0	1.5	1.2	1.6
Health services, including hospitals	4.6	4.1	4.8	3.6	3.4	4.1	3.4	3.4	4.0	3.2	3.5	3.2	3.5
Women													
Total (in thousands)	9,027	2,566	6,460	11,503	8,119	3,385	15,575	8,223	2,687	4,665	9,247	2,742	6,504
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mining	(¹)	(¹)	(¹)	(¹)	(¹)	.1	.4	.1	(¹)	1.1	.2	.4	.1
Construction .....	.9	1.1	.9	1.2	1.2	1.3	1.6	1.5	1.5	1.7	1.7	2.3	1.5
Manufacturing	13.7	15.0	13.2	16.0	17.1	13.2	13.9	13.9	18.0	11.5	12.9	9.6	14.3
Durable goods	6.6	9.0	5.6	9.4	10.5	6.8	6.3	6.0	9.0	5.3	7.6	5.9	8.3
Lumber and wood products .....	.2	.2	.1	.3	.3	.4	.4	.3	.8	.3	.4	.2	.4
Furniture and fixtures .....	.2	.1	.2	.6	.7	.5	.6	.6	1.3	.3	.2	.1	.2
Stone, clay, and glass products .....	.3	.1	.4	.3	.4	.1	.3	.3	.3	.3	.2	.2	.1
Primary metal industries .....	.3	.2	.4	.4	.5	.2	.2	.2	.3	.2	.1	.1	(¹)
Fabricated metal products .....	.9	1.3	.7	1.1	1.3	.6	.6	.6	.9	.6	.4	.3	.5
Machinery and computing equipment	1.0	1.4	.9	1.6	1.7	1.3	1.1	1.0	1.5	.9	1.4	1.2	1.4
Electrical machinery, equipment, and supplies	1.6	2.7	1.1	1.7	1.8	1.4	1.5	1.5	1.5	1.4	1.9	1.5	2.0
Transportation equipment .....	.4	.8	.3	2.1	2.6	.9	.8	.7	1.6	.6	1.4	.9	1.6
Motor vehicles .....	.2	.2	.2	1.7	2.3	.4	.5	.4	1.4	.2	.2	.3	.2
Professional and photographic equipment, and watches, etc.	1.0	1.2	.9	.6	.5	.8	.4	.5	.3	.3	1.0	.7	1.2
Nondurable goods	7.1	6.0	7.6	6.6	6.6	6.4	7.6	8.0	9.0	6.2	5.4	3.7	6.1
Food and kindred products .....	.9	.7	.9	1.3	1.2	1.5	1.4	1.1	1.8	1.8	.9	1.0	.9
Textile mill products .....	.4	.4	.4	.1	.1	.2	1.3	2.1	.6	.2	.2	.1	.2
Apparel and other textile products	1.5	.7	1.7	.3	.3	.4	1.5	1.1	3.0	1.3	1.3	.5	1.6
Paper and allied products .....	.4	.5	.3	.6	.6	.5	.4	.5	.5	.2	.2	.1	.2
Printing and publishing	1.9	2.0	1.9	1.9	1.7	2.2	1.3	1.3	1.5	1.2	1.5	1.2	1.6
Chemicals and allied products	1.3	.6	1.5	1.1	1.2	.9	.9	1.0	.6	.8	.6	.4	.7
Transportation, communications, and public utilities	4.4	3.7	4.7	4.1	4.0	4.5	5.0	5.0	3.8	5.7	5.1	5.0	5.2
Transportation	2.4	1.8	2.7	2.3	2.3	2.2	2.6	2.6	2.1	2.8	2.9	2.6	2.9
Communications and other public utilities	2.0	1.9	2.0	1.9	1.7	2.3	2.4	2.4	1.7	2.9	2.3	2.4	2.2

See footnotes at end of table.

Table 6. Census regions and divisions: Percent distribution of employed private nonagricultural wage and salary workers by industry, sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and industry	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
Women—Continued													
Wholesale and retail trade	23.6	23.0	23.8	26.9	27.0	26.5	27.3	26.2	27.8	28.8	27.5	28.6	27.1
Wholesale trade	2.9	2.1	3.3	3.0	2.9	3.1	3.0	3.0	2.3	3.5	3.9	2.8	4.4
Retail trade	20.6	20.9	20.5	23.9	24.1	23.5	24.2	23.2	25.5	25.3	23.6	25.7	22.7
Finance, insurance, and real estate	10.9	10.6	11.0	10.2	10.0	10.9	10.5	11.3	9.7	9.7	10.0	10.4	9.8
Services, excluding private households	46.5	46.7	46.4	41.5	40.7	43.5	41.3	42.0	39.2	41.5	42.5	43.6	42.1
Professional services	35.7	36.7	35.4	30.9	30.3	32.4	29.2	29.1	29.2	29.4	28.2	27.4	28.6
Educational services	4.9	5.7	4.6	3.9	3.6	4.5	3.3	3.6	3.1	3.2	3.1	2.7	3.2
Health services, including hospitals	20.3	20.8	20.1	18.3	18.1	18.7	16.7	16.1	17.4	17.4	15.2	14.8	15.3
White													
Total (in thousands)	16,687	5,026	11,661	22,385	15,649	6,736	27,338	13,846	4,679	8,812	17,851	5,701	12,149
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mining .....	.2	.1	.2	.3	.2	.5	1.2	.3	1.1	2.6	.7	1.6	.3
Construction	5.6	5.4	5.6	6.1	5.9	6.5	8.3	8.5	8.0	8.1	7.7	9.2	6.9
Manufacturing	19.5	21.5	18.6	25.0	27.3	19.7	18.5	17.2	22.9	18.1	17.7	14.0	19.4
Durable goods	11.4	13.9	10.4	16.8	19.0	11.6	10.1	9.0	14.0	9.9	11.6	9.2	12.7
Lumber and wood products .....	.5	.6	.5	.7	.7	.7	.9	.7	1.9	.6	1.0	.8	1.1
Furniture and fixtures .....	.4	.3	.5	.9	1.0	.7	.8	.8	1.6	.4	.4	.4	.5
Stone, clay, and glass products .....	.6	.3	.7	.7	.8	.5	.6	.5	.8	.7	.4	.5	.4
Primary metal industries .....	.7	.5	.8	1.3	1.7	.5	.6	.5	.8	.5	.3	.3	.4
Fabricated metal products	1.5	1.9	1.3	2.1	2.5	1.3	1.1	.9	1.5	1.2	1.1	.7	1.2
Machinery and computing equipment	2.3	2.7	2.2	3.8	4.2	3.1	2.0	1.6	2.2	2.4	2.1	1.9	2.2
Electrical machinery, equipment, and supplies	2.0	3.1	1.5	1.9	2.1	1.4	1.7	1.7	1.7	1.8	2.1	1.9	2.1
Transportation equipment	1.3	2.0	1.0	3.8	4.7	1.9	1.7	1.5	2.7	1.5	2.5	1.4	3.0
Motor vehicles .....	.4	.3	.5	3.1	4.1	.9	.8	.6	2.1	.5	.4	.4	.4
Professional and photographic equipment, and watches, etc.	1.2	1.4	1.2	.7	.6	.9	.5	.5	.4	.4	1.0	.7	1.1
Nondurable goods	8.1	7.6	8.3	8.2	8.2	8.2	8.3	8.2	9.0	8.2	6.1	4.8	6.7
Food and kindred products	1.3	.8	1.5	1.9	1.8	2.3	1.5	1.0	1.5	2.1	1.6	1.7	1.5
Textile mill products .....	.4	.5	.4	.1	.1	.1	1.1	1.9	.6	.1	.1	.1	.1
Apparel and other textile products .....	.8	.4	1.0	.2	.2	.3	.8	.6	1.6	.7	.8	.2	1.1
Paper and allied products .....	.7	.9	.6	.9	.9	.7	.8	.7	.9	.7	.4	.2	.6
Printing and publishing	2.2	2.5	2.1	2.0	1.9	2.4	1.4	1.5	1.6	1.2	1.7	1.5	1.7
Chemicals and allied products	1.5	1.0	1.8	1.3	1.4	1.2	1.5	1.4	1.4	1.7	.7	.6	.8
Transportation, communications, and public utilities	7.1	5.8	7.7	6.3	6.0	7.0	7.8	7.6	7.0	8.6	7.1	7.0	7.1
Transportation	4.2	3.1	4.7	4.0	3.9	4.1	4.7	4.4	4.4	5.3	4.3	3.8	4.5
Communications and other public utilities	2.9	2.7	3.0	2.3	2.0	2.9	3.1	3.2	2.5	3.3	2.8	3.2	2.6
Wholesale and retail trade	24.5	23.7	24.8	25.5	24.9	26.9	26.1	25.9	25.8	26.5	26.7	26.9	26.6
Wholesale trade	4.7	3.8	5.1	5.0	4.8	5.7	5.0	4.9	4.6	5.3	5.4	4.5	5.7
Retail trade	19.7	19.9	19.7	20.4	20.1	21.1	21.1	21.1	21.3	21.2	21.3	22.3	20.9
Finance, insurance, and real estate	9.0	8.7	9.2	7.4	7.2	7.9	8.0	9.0	7.0	7.0	7.3	7.7	7.1
Services, excluding private households	34.2	34.8	33.9	29.4	28.5	31.5	30.2	31.4	28.1	29.2	32.8	33.6	32.5
Professional services	23.1	24.2	22.7	19.3	18.6	20.9	18.6	18.9	19.3	17.9	18.0	18.2	17.9
Educational services	3.7	4.5	3.4	2.6	2.4	3.2	2.2	2.4	2.0	1.9	2.1	1.8	2.2
Health services, including hospitals	11.0	11.6	10.7	9.9	9.6	10.7	9.0	8.7	10.1	8.8	8.3	8.4	8.2

See footnotes at end of table.

Table 6. Census regions and divisions: Percent distribution of employed private nonagricultural wage and salary workers by industry, sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and industry	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
Black													
Total (in thousands)	1,913	277	1,636	1,931	1,616	315	6,144	3,637	1,089	1,418	917	165	752
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mining	(¹)	(¹)	(¹)	.1	.1	.3	.4	.1	.6	1.1	.1	.6	.1
Construction	3.2	1.4	3.5	2.7	2.6	3.2	4.6	4.8	4.8	4.1	3.6	3.0	3.7
Manufacturing	13.1	21.7	11.7	21.5	23.0	14.3	22.4	22.4	29.1	17.3	12.5	10.3	12.9
Durable goods	6.5	13.7	5.3	14.3	15.8	6.7	10.6	10.6	15.8	6.8	7.4	6.1	7.7
Lumber and wood products .....	.1	.4	.1	.3	.2	.3	1.5	1.2	3.6	.8	.5	(¹)	.7
Furniture and fixtures .....	.2	.4	.2	.4	.5	(¹)	.7	.9	1.2	.1	.1	(¹)	.1
Stone, clay, and glass products .....	.4	(¹)	.4	.3	.3	.3	.7	.7	.8	.7	.1	(¹)	.1
Primary metal industries .....	.5	(¹)	.5	1.7	2.0	.3	.7	.5	1.1	.7	.1	(¹)	.1
Fabricated metal products	1.0	3.2	.6	1.5	1.8	.3	1.0	.9	1.9	.4	.2	(¹)	.3
Machinery and computing equipment .....	.5	.7	.4	1.5	1.5	.6	1.8	1.9	1.7	1.3	1.3	1.2	1.3
Electrical machinery, equipment, and supplies	1.3	2.9	1.1	1.6	1.6	1.0	1.8	1.8	2.1	1.5	1.1	1.8	.9
Transportation equipment .....	.9	2.2	.6	6.0	6.9	1.9	1.6	1.6	2.5	.8	2.6	1.8	2.8
Motor vehicles .....	.5	.7	.5	5.5	6.6	.3	1.0	1.0	1.7	.4	.2	(¹)	.3
Professional and photographic equipment, and watches, etc. ....	.9	2.9	.6	.5	.3	1.3	.4	.5	.2	.2	.7	1.2	.5
Nondurable goods	6.6	8.3	6.4	7.3	7.2	7.6	11.8	11.8	13.3	10.6	5.1	4.2	5.3
Food and kindred products .....	.9	1.8	.8	1.9	1.5	3.8	2.9	2.4	3.9	3.5	1.2	1.8	1.1
Textile mill products .....	.4	1.1	.3	.1	.1	(¹)	2.1	3.0	1.2	.4	(¹)	(¹)	(¹)
Apparel and other textile products .....	.9	1.4	.9	.3	.3	(¹)	1.5	1.3	3.1	.9	.2	(¹)	.3
Paper and allied products .....	.3	.7	.2	.6	.6	.6	1.0	1.1	.9	.8	.2	(¹)	.3
Printing and publishing	1.6	1.8	1.5	1.1	1.2	1.3	1.0	1.1	.7	1.0	1.9	1.8	1.9
Chemicals and allied products	2.0	.7	2.2	1.7	1.7	1.3	1.5	1.3	1.0	2.4	1.3	.6	1.5
Transportation, communications, and public utilities	9.4	7.9	9.6	9.0	8.8	9.8	9.3	9.2	8.4	10.3	11.2	9.1	11.7
Transportation	6.0	4.7	6.2	5.5	5.2	7.0	6.0	6.0	5.8	5.9	7.2	6.1	7.6
Communications and other public utilities	3.4	3.2	3.4	3.5	3.6	2.9	3.4	3.2	2.6	4.4	4.0	3.6	4.1
Wholesale and retail trade	19.5	17.3	19.8	22.0	21.2	26.0	25.0	24.5	23.6	27.6	21.5	24.2	20.9
Wholesale trade	2.5	1.1	2.8	2.6	2.7	2.5	3.6	3.8	2.5	3.9	4.7	3.6	4.9
Retail trade	17.0	16.2	17.1	19.3	18.6	23.2	21.5	20.7	21.0	23.7	16.8	20.0	16.1
Finance, insurance, and real estate	10.2	8.3	10.5	7.9	7.7	9.2	6.4	6.7	5.8	5.9	8.5	8.5	8.5
Services, excluding private households	44.6	43.0	44.9	36.9	36.7	37.5	31.9	32.3	27.7	33.9	42.4	43.6	42.3
Professional services	31.3	31.4	31.2	23.7	23.9	22.9	18.9	18.6	17.0	20.9	24.0	16.4	25.7
Educational services	3.2	4.0	3.1	2.7	2.6	3.2	2.2	2.4	1.9	1.8	3.9	1.8	4.3
Health services, including hospitals	19.6	20.6	19.4	14.0	14.0	14.0	11.5	10.9	10.7	13.8	11.6	8.5	12.2
Hispanic origin													
Total (in thousands)	1,616	258	1,359	936	749	187	3,543	1,327	56	2,160	4,241	1,047	3,194
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mining .....	.1	(¹)	.1	(¹)	(¹)	(¹)	1.0	.1	(¹)	1.6	.5	1.4	.1
Construction	5.3	3.5	5.6	6.5	6.0	8.0	11.8	10.9	8.9	12.5	8.8	12.5	7.6
Manufacturing	20.8	28.7	19.3	36.2	37.7	30.5	18.6	13.9	28.6	21.2	23.1	16.4	25.3
Durable goods	9.3	19.0	7.4	21.4	23.8	11.8	8.7	6.7	14.3	9.8	12.8	8.9	14.1
Lumber and wood products .....	.2	.8	.1	.9	.8	1.1	.6	.5	3.6	.6	1.0	1.3	.9
Furniture and fixtures .....	.3	.8	.2	1.7	1.5	2.7	.7	.8	(¹)	.7	1.0	.8	1.1
Stone, clay, and glass products .....	.2	(¹)	.2	1.0	1.2	(¹)	.7	.4	(¹)	.9	.6	.5	.6
Primary metal industries .....	.4	.8	.4	2.5	2.9	.5	.6	.4	1.8	.7	.4	.6	.3
Fabricated metal products	1.4	3.5	.9	3.2	3.5	2.1	1.2	.9	1.8	1.4	1.7	.5	2.0
Machinery and computing equipment	1.1	2.3	.9	3.1	3.6	1.1	1.8	1.1	1.8	2.3	2.1	1.2	2.3
Electrical machinery, equipment, and supplies	2.0	5.0	1.5	2.4	2.9	.5	1.2	1.3	3.6	1.0	2.2	1.4	2.4
Transportation equipment .....	.9	2.3	.7	4.2	4.4	3.2	1.2	.8	3.6	1.3	2.1	1.6	2.2
Motor vehicles .....	.6	1.2	.4	3.8	4.1	2.7	.5	.4	1.8	.5	.5	.5	.6
Professional and photographic equipment, and watches, etc. ....	.6	1.2	.4	.5	.4	.5	.3	.5	(¹)	.3	.9	.4	1.1

See footnotes at end of table.

Table 6. Census regions and divisions: Percent distribution of employed private nonagricultural wage and salary workers by industry, sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and industry	Northeast			Midwest			South				West		
	Total	New England	Middle Atlantic	Total	East North Central	West North Central	Total	South Atlantic	East South Central	West South Central	Total	Mountain	Pacific
Hispanic origin—Continued													
Nondurable goods	11.5	9.7	11.8	14.9	13.8	18.7	9.9	7.2	14.3	11.5	10.3	7.5	11.1
Food and kindred products	1.8	1.6	1.8	6.2	4.3	13.9	3.5	1.5	8.9	4.6	3.3	4.3	3.0
Textile mill products	1.0	.4	1.1	.1	.1	(¹)	.4	1.0	(¹)	.1	.2	.1	.2
Apparel and other textile products	3.7	1.2	4.2	.4	.5	.5	1.3	.8	(¹)	1.7	2.4	.5	3.0
Paper and allied products .....	.6	.8	.5	1.3	1.6	(¹)	.5	.5	(¹)	.6	.5	.2	.6
Printing and publishing	1.2	2.3	1.0	2.1	2.0	2.1	1.0	1.3	1.8	.8	1.6	1.1	1.7
Chemicals and allied products	1.7	1.2	1.8	1.1	1.3	(¹)	1.3	.9	1.8	1.6	1.1	.7	1.2
Transportation, communications, and public utilities	6.8	4.3	7.3	4.5	4.4	4.8	8.4	10.3	(¹)	7.4	6.3	6.3	6.3
Transportation	5.0	3.1	5.4	3.1	3.2	2.7	5.9	8.0	(¹)	4.8	4.2	3.7	4.4
Communications and other public utilities	1.9	1.2	2.0	1.4	1.2	2.1	2.4	2.3	(¹)	2.6	2.1	2.7	1.9
Wholesale and retail trade	28.8	23.6	29.7	27.0	26.3	29.9	27.9	27.2	21.4	28.4	29.6	29.6	29.6
Wholesale trade	4.8	2.7	5.2	4.7	4.8	4.8	4.5	5.3	3.6	4.0	5.8	4.7	6.1
Retail trade	23.9	20.9	24.5	22.3	21.5	25.7	23.4	21.9	19.6	24.4	23.8	24.8	23.4
Finance, insurance, and real estate	7.7	5.8	8.1	4.1	4.1	4.3	5.8	8.1	(¹)	4.5	4.4	5.1	4.2
Services, excluding private households	30.6	33.7	30.0	21.7	21.5	22.5	26.6	29.7	39.3	24.4	27.4	28.7	27.0
Professional services	17.2	19.8	16.6	9.7	10.0	8.6	13.8	15.0	23.2	12.9	11.4	11.9	11.2
Educational services	1.9	1.9	1.9	1.2	1.3	.5	1.3	1.7	(¹)	1.1	1.1	.8	1.2
Health services, including hospitals	9.7	12.0	9.2	5.0	5.2	4.8	7.8	8.3	12.5	7.5	6.3	6.6	6.3

¹ Less than 500 persons or less than 0.05 percent.

NOTE: Totals for the summary groups published include other industries, not shown separately. Items may not add to totals or compute to displayed

percentages because of rounding. Data on rubber and miscellaneous plastics products are not available.

Table 7. Census regions and divisions: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages

(In thousands)

Population group and area	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
TOTAL											
Northeast	23,729	1,206	3,177	2,143	17,202	2,163	8,184	2,521	4,335	38.6	42.7
New England	6,544	356	888	686	4,615	526	2,110	759	1,220	38.4	42.8
Middle Atlantic	17,185	851	2,289	1,458	12,588	1,637	6,074	1,762	3,115	38.7	42.7
Midwest	30,543	1,712	3,917	2,785	22,129	1,978	9,601	3,971	6,578	39.4	43.8
East North Central	21,075	1,130	2,650	1,897	15,398	1,353	6,807	2,746	4,493	39.4	43.7
West North Central	9,469	582	1,267	889	6,731	626	2,794	1,225	2,086	39.3	43.9
South	43,866	1,883	4,870	3,741	33,371	2,890	16,489	5,100	8,893	39.9	43.2
South Atlantic	22,741	941	2,466	1,926	17,407	1,487	8,788	2,621	4,510	39.8	43.0
East South Central	7,406	335	868	653	5,550	531	2,660	885	1,474	39.6	43.0
West South Central	13,719	607	1,536	1,162	10,414	872	5,040	1,594	2,908	40.1	43.5
West	27,870	1,454	3,597	2,679	20,140	1,711	10,000	3,029	5,399	38.9	43.0
Mountain	7,997	423	1,009	761	5,804	521	2,724	911	1,647	39.2	43.4
Pacific	19,873	1,031	2,588	1,918	14,336	1,189	7,276	2,118	3,752	38.8	42.9
Men											
Northeast	12,712	416	1,063	913	10,319	801	4,686	1,609	3,223	41.8	44.3
New England	3,468	127	287	271	2,784	192	1,205	488	899	41.7	44.4
Middle Atlantic	9,244	290	776	643	7,536	609	3,481	1,121	2,324	41.8	44.3
Midwest	16,408	620	1,396	1,166	13,226	768	5,241	2,402	4,814	42.6	45.4
East North Central	11,332	398	907	793	9,234	521	3,739	1,672	3,302	42.7	45.3
West North Central	5,076	222	489	372	3,992	247	1,502	730	1,512	42.5	45.7
South	23,772	704	1,901	1,595	19,572	1,114	8,820	3,084	6,554	42.6	44.9
South Atlantic	12,185	352	949	824	10,060	574	4,660	1,550	3,276	42.4	44.6
East South Central	3,989	127	334	276	3,252	191	1,420	535	1,105	42.5	44.8
West South Central	7,598	225	618	495	6,261	348	2,739	999	2,174	43.1	45.3
West	15,483	542	1,404	1,227	12,311	772	5,777	1,864	3,898	41.5	44.2
Mountain	4,387	151	371	338	3,527	225	1,557	552	1,193	42.2	44.8
Pacific	11,096	391	1,032	888	8,784	547	4,220	1,313	2,704	41.3	44.0
Women											
Northeast	11,017	790	2,114	1,230	6,883	1,362	3,498	912	1,112	34.9	40.5
New England	3,076	229	601	415	1,831	334	905	271	321	34.7	40.5
Middle Atlantic	7,941	561	1,513	815	5,052	1,028	2,593	641	790	35.0	40.4
Midwest	14,136	1,092	2,522	1,619	8,903	1,210	4,360	1,569	1,764	35.6	41.4
East North Central	9,743	732	1,743	1,103	6,165	832	3,069	1,074	1,190	35.6	41.4
West North Central	4,393	360	778	516	2,738	378	1,291	495	574	35.5	41.3
South	20,094	1,179	2,969	2,146	13,799	1,776	7,669	2,015	2,339	36.6	40.9
South Atlantic	10,555	589	1,517	1,102	7,347	913	4,128	1,071	1,235	36.8	41.0
East South Central	3,417	208	534	376	2,299	339	1,240	350	370	36.2	40.5
West South Central	6,121	382	918	667	4,153	524	2,301	594	734	36.5	40.9
West	12,387	913	2,193	1,452	7,828	938	4,223	1,165	1,502	35.6	41.2
Mountain	3,610	272	638	423	2,277	297	1,167	360	454	35.6	41.3
Pacific	8,777	640	1,556	1,030	5,551	642	3,056	806	1,048	35.6	41.2
Both sexes, 16 to 19 years											
Northeast	1,123	288	470	84	280	60	156	31	34	23.3	39.3
New England	335	94	139	27	75	17	41	9	8	22.4	38.5
Middle Atlantic	788	194	331	57	206	43	115	22	26	23.6	39.5
Midwest	1,976	458	801	186	531	109	259	86	77	24.4	39.7
East North Central	1,301	295	537	122	348	76	169	54	48	24.4	39.6
West North Central	675	163	264	64	183	32	91	31	29	24.6	39.8
South	2,237	372	904	231	730	166	383	86	95	26.5	39.5
South Atlantic	1,098	189	441	114	354	81	194	36	43	26.3	39.5
East South Central	404	66	166	40	131	28	69	20	14	26.5	39.5
West South Central	735	118	297	76	245	57	120	29	38	26.9	39.5

See footnotes at end of table.

Table 7. Census regions and divisions: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and area	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
Both sexes, 16 to 19 years—Continued											
West	1,461	288	552	160	462	89	265	49	60	25.9	39.6
Mountain	507	97	187	56	167	30	93	20	23	26.4	40.0
Pacific	954	191	364	104	296	59	172	29	36	25.7	39.5
White											
Northeast	20,392	1,090	2,772	1,882	14,648	1,777	6,690	2,277	3,904	38.6	42.9
New England	6,098	337	834	642	4,285	493	1,902	725	1,164	38.4	42.9
Middle Atlantic	14,294	752	1,938	1,240	10,363	1,284	4,788	1,552	2,740	38.7	43.0
Midwest	27,421	1,585	3,532	2,492	19,812	1,783	8,230	3,704	6,096	39.4	43.9
East North Central	18,585	1,031	2,348	1,672	13,535	1,195	5,697	2,534	4,109	39.5	43.9
West North Central	8,835	554	1,184	820	6,277	588	2,533	1,170	1,987	39.4	44.0
South	34,810	1,567	3,902	2,933	26,408	2,264	12,326	4,246	7,572	40.1	43.5
South Atlantic	17,450	765	1,921	1,450	13,314	1,120	6,333	2,107	3,753	40.0	43.4
East South Central	5,973	280	697	516	4,480	424	2,018	759	1,279	39.8	43.4
West South Central	11,387	522	1,283	967	8,614	720	3,975	1,380	2,539	40.2	43.7
West	23,631	1,284	3,088	2,270	16,990	1,489	8,128	2,656	4,718	38.9	43.1
Mountain	7,427	404	944	708	5,372	490	2,478	855	1,549	39.2	43.5
Pacific	16,204	880	2,144	1,562	11,619	999	5,650	1,800	3,170	38.7	43.0
Black											
Northeast	2,428	88	313	200	1,826	296	1,103	166	260	37.7	40.7
New England	323	15	42	33	234	28	146	23	38	37.7	41.1
Middle Atlantic	2,104	73	272	167	1,592	269	958	144	222	37.7	40.6
Midwest	2,387	92	300	231	1,764	161	1,067	197	338	38.4	41.8
East North Central	1,983	75	250	186	1,471	134	904	160	274	38.4	41.8
West North Central	404	16	51	45	293	27	164	37	64	38.5	41.9
South	7,893	280	854	722	6,037	558	3,683	728	1,069	38.9	41.5
South Atlantic	4,700	160	486	431	3,623	338	2,208	447	630	38.9	41.5
East South Central	1,358	52	162	130	1,014	99	616	118	181	38.4	41.4
West South Central	1,834	67	206	161	1,400	121	859	162	258	39.1	41.8
West	1,271	40	149	129	953	70	576	107	199	39.2	42.2
Mountain	208	7	23	17	160	12	93	19	36	39.5	42.6
Pacific	1,063	33	126	112	793	58	483	88	163	39.2	42.1
Hispanic origin											
Northeast	1,887	55	225	154	1,453	198	832	158	265	38.8	41.7
New England	290	10	35	32	213	18	136	26	33	38.1	41.5
Middle Atlantic	1,597	45	190	121	1,240	179	696	132	232	39.0	41.7
Midwest	1,037	27	88	101	821	68	454	124	175	40.3	42.9
East North Central	825	20	68	78	659	50	376	100	133	40.3	42.7
West North Central	212	8	21	22	162	18	78	25	42	40.3	43.6
South	4,354	134	476	379	3,365	302	1,894	473	696	39.4	42.2
South Atlantic	1,582	40	163	130	1,249	102	739	165	242	39.5	42.0
East South Central	65	2	6	5	52	5	26	11	11	40.4	42.9
West South Central	2,707	92	307	244	2,064	195	1,129	298	442	39.4	42.3
West	5,588	195	660	549	4,184	355	2,570	544	714	38.4	41.5
Mountain	1,329	42	146	136	1,004	95	594	122	193	39.0	41.9
Pacific	4,259	152	514	413	3,180	261	1,976	422	521	38.2	41.4

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

rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 8. Census regions and divisions: Persons at work 1 to 34 hours by sex, race, reason for working less than 35 hours, and usual status, 1998 annual averages

(In thousands)

Population group and area	Usually work full time						Usually work part time							
	Total	Slack work or business conditions	Vacation or personal day	Holiday, legal or religious	Weather-related curtailment	Other reasons ¹	Total	Slack work or business conditions	Could only find part-time work	Child-care problems	Other family or personal obligations	In school or training	Retired or Social Security limit on earnings	Other reasons ²
TOTAL														
Northeast	2,299	135	636	845	60	623	4,228	211	320	215	1,086	1,135	392	869
New England	680	35	165	282	27	171	1,250	51	72	65	354	336	121	251
Middle Atlantic	1,619	99	471	563	33	453	2,978	160	248	150	732	799	272	617
Midwest	2,914	215	945	747	132	875	5,500	188	297	174	1,403	1,821	563	1,054
East North Central	1,930	146	614	524	76	570	3,747	136	212	138	962	1,198	369	732
West North Central	985	68	331	223	56	307	1,753	52	85	36	442	623	194	321
South	4,279	397	1,166	1,088	201	1,427	6,215	324	400	222	1,232	1,887	609	1,541
South Atlantic	2,162	187	612	594	79	690	3,172	164	194	121	637	919	328	809
East South Central	762	74	184	194	46	264	1,094	51	76	33	219	342	120	253
West South Central	1,355	136	369	299	76	475	1,949	109	131	67	377	625	161	479
West	2,779	311	743	724	97	904	4,951	384	342	157	1,146	1,461	327	1,134
Mountain	789	73	243	192	15	266	1,404	76	76	48	353	430	106	315
Pacific	1,990	239	501	532	82	636	3,547	308	266	109	794	1,031	221	818
Men														
Northeast	1,130	83	324	402	42	279	1,263	92	124	6	51	500	222	268
New England	325	20	82	130	17	76	359	23	30	2	19	145	65	75
Middle Atlantic	805	63	243	271	25	203	904	68	94	4	32	355	157	194
Midwest	1,440	126	473	362	86	393	1,741	91	111	8	60	823	305	343
East North Central	950	87	307	257	51	248	1,148	65	78	7	37	528	197	236
West North Central	490	39	166	105	35	145	593	26	34	1	23	295	108	106
South	2,107	234	589	500	174	610	2,093	142	141	5	66	870	347	522
South Atlantic	1,058	115	308	274	76	285	1,067	76	65	2	36	430	184	274
East South Central	369	41	89	90	38	111	369	20	25	1	11	152	75	85
West South Central	681	78	192	136	60	215	657	47	51	2	19	287	87	164
West	1,464	203	396	356	80	429	1,707	188	138	8	89	685	174	425
Mountain	401	42	127	97	13	122	459	34	30	2	21	198	57	117
Pacific	1,063	161	269	259	67	307	1,249	154	108	6	67	488	117	309
Women														
Northeast	1,169	52	312	443	18	344	2,965	119	195	209	1,034	635	170	603
New England	354	16	83	152	10	93	891	28	42	63	335	191	56	176
Middle Atlantic	815	36	229	292	8	250	2,074	91	153	146	699	444	114	427
Midwest	1,474	88	472	385	45	484	3,759	98	186	166	1,343	998	258	710
East North Central	979	59	307	267	24	322	2,599	71	135	132	925	670	172	494
West North Central	495	29	165	118	21	162	1,160	26	51	35	419	328	86	215
South	2,172	163	577	588	28	816	4,122	181	259	217	1,166	1,017	262	1,020
South Atlantic	1,104	72	305	320	4	403	2,105	88	129	119	601	489	144	535
East South Central	394	33	95	105	8	153	725	31	50	32	207	190	44	171
West South Central	675	58	177	163	16	261	1,293	62	80	65	358	338	73	317
West	1,315	108	347	368	17	475	3,244	196	205	149	1,058	775	153	708
Mountain	388	30	116	94	2	146	945	42	46	46	331	232	49	199
Pacific	927	78	231	274	15	329	2,299	154	159	103	726	543	104	510
White														
Northeast	1,992	119	566	725	56	526	3,846	170	253	198	1,049	1,000	375	801
New England	633	33	154	262	26	158	1,214	50	63	63	353	321	119	245
Middle Atlantic	1,359	86	412	463	30	368	2,632	120	190	135	696	679	256	556
Midwest	2,609	188	878	659	123	761	5,150	169	246	159	1,376	1,663	537	1,000
East North Central	1,693	126	561	454	68	484	3,458	117	171	125	936	1,078	346	685

See footnotes at end of table.

Table 8. Census regions and divisions: Persons at work 1 to 34 hours by sex, race, reason for working less than 35 hours, and usual status, 1998 annual averages — Continued

(In thousands)

Population group and area	Usually work full time						Usually work part time							
	Total	Slack work or business conditions	Vacation or personal day	Holiday, legal or religious	Weather-related curtailment	Other reasons ¹	Total	Slack work or business conditions	Could only find part-time work	Child-care problems	Other family or personal obligations	In school or training	Retired or Social Security limit on earnings	Other reasons ²
White—Continued														
West North Central	916	63	318	205	55	275	1,693	51	75	34	441	586	191	315
South	3,349	299	957	847	159	1,087	5,193	240	268	185	1,142	1,529	532	1,297
South Atlantic	1,621	133	487	439	59	503	2,589	119	121	99	583	726	275	666
East South Central	602	55	154	154	39	200	916	35	51	28	202	271	112	217
West South Central	1,127	111	316	253	61	386	1,689	87	95	58	357	532	144	416
West	2,355	272	647	577	88	771	4,447	349	286	139	1,075	1,252	293	1,053
Mountain	736	68	231	174	14	249	1,365	75	71	47	350	405	103	314
Pacific	1,619	203	416	403	74	523	3,082	274	215	92	726	846	190	739
Black														
Northeast	242	12	51	92	3	84	371	44	68	16	40	108	17	78
New England	37	2	7	16	1	11	53	2	10	1	6	16	3	15
Middle Atlantic	205	10	44	76	2	73	318	42	58	15	34	92	14	63
Midwest	243	22	52	67	8	94	393	26	55	16	54	124	29	89
East North Central	199	18	44	56	7	74	323	23	45	14	43	103	24	71
West North Central	44	4	8	11	1	20	70	3	10	2	11	21	5	18
South	841	89	185	214	39	314	1,046	89	142	36	102	332	80	265
South Atlantic	494	50	113	138	18	175	598	47	78	24	61	181	53	154
East South Central	153	17	29	38	7	62	198	19	26	6	23	70	9	45
West South Central	194	22	43	38	14	77	250	24	38	6	18	80	17	67
West	140	10	30	48	3	49	184	15	19	5	24	57	11	53
Mountain	18	1	3	7	(³)	7	31	2	3	1	6	9	1	9
Pacific	122	9	27	42	2	42	152	13	16	4	18	48	11	42

¹ Includes seasonal work, job started or ended, own illness, child-care problems, other family or personal obligations, labor dispute, in school or training, civic or military duty, and all other reasons.

² Includes seasonal work, health and medical limitations, full-time workweek

less than 35 hours, and all other reasons.

³ Less than 500 persons.

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

Table 9. Census regions and divisions: Employed persons with a job but not at work by sex, race, Hispanic origin, and reason not at work, 1998 annual averages

(In thousands)

Population group and area	Total	Vacation	Child-care problems ¹	Own illness	Other reasons ²
TOTAL					
Northeast	1,132	662	106	223	141
New England	321	194	33	56	38
Middle Atlantic	811	468	74	167	102
Midwest	1,368	746	140	263	219
East North Central	988	550	95	199	144
West North Central	380	196	45	64	75
South	1,856	974	202	387	293
South Atlantic	961	520	104	201	136
East South Central	335	165	38	70	62
West South Central	560	289	60	116	95
West	1,235	655	146	224	210
Mountain	331	180	40	51	60
Pacific	904	475	106	172	151
Men					
Northeast	482	291	14	106	71
New England	140	86	4	27	23
Middle Atlantic	342	205	9	79	49
Midwest	577	333	17	122	105
East North Central	424	252	10	91	71
West North Central	154	81	7	30	36
South	779	414	32	183	150
South Atlantic	399	222	15	93	69
East South Central	138	66	8	35	29
West South Central	242	125	10	55	52
West	552	312	22	106	112
Mountain	146	83	7	23	33
Pacific	406	229	15	83	79
Women					
Northeast	651	370	93	117	71
New England	181	108	28	29	16
Middle Atlantic	470	263	64	88	55
Midwest	791	413	123	141	114
East North Central	565	298	85	107	75
West North Central	226	115	39	34	38
South	1,076	560	170	204	142
South Atlantic	562	298	90	108	66
East South Central	197	99	30	35	33
West South Central	318	163	51	61	43
West	683	344	124	118	97
Mountain	185	98	32	28	27
Pacific	498	246	92	89	71

See footnotes at end of table.

Table 9. Census regions and divisions: Employed persons with a job but not at work by sex, race, Hispanic origin, and reason not at work, 1998 annual averages — Continued

(In thousands)

Population group and area	Total	Vacation	Child-care problems ¹	Own illness	Other reasons ²
White					
Northeast	997	593	90	189	125
New England	298	182	28	51	37
Middle Atlantic	699	411	62	138	88
Midwest	1,235	682	123	228	202
East North Central	876	494	82	170	130
West North Central	359	188	41	58	72
South	1,489	810	157	289	233
South Atlantic	757	427	81	148	101
East South Central	271	137	28	54	52
West South Central	461	246	48	88	79
West	1,065	573	115	190	187
Mountain	311	171	36	48	56
Pacific	754	401	79	142	132
Black					
Northeast	104	49	13	29	13
New England	16	8	4	3	1
Middle Atlantic	89	42	9	26	12
Midwest	105	47	13	32	13
East North Central	91	43	10	27	11
West North Central	14	5	3	5	1
South	330	145	40	92	53
South Atlantic	184	83	21	50	30
East South Central	61	27	10	15	9
West South Central	84	35	10	26	13
West	54	26	9	12	7
Pacific	48	23	7	11	7
Hispanic origin					
Northeast	68	39	15	8	6
New England	11	6	3	1	1
Middle Atlantic	58	33	13	6	6
Midwest	37	17	9	4	7
East North Central	30	14	8	4	4
South	159	84	33	21	21
South Atlantic	55	27	13	9	6
West South Central	101	56	20	10	15
West	190	89	49	20	32
Mountain	44	20	10	6	8
Pacific	146	69	38	15	24

¹ Includes maternity or paternity leave and other family obligations.

² Includes labor dispute, bad weather, in school or training, civic or military duty, and all other reasons.

NOTE: Data for demographic groups are not shown when they do not meet BLS publication standards of reliability for the particular area based on the

sample in that area. See appendix B. Items may not add to totals because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 10. Census regions and divisions: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and reason for unemployment, 1998 annual averages

Population group and area	Total unemployed		Job losers and persons who completed temporary jobs ¹		Job leavers	Reentrants	New entrants
	Number (in thousands)	Percent	Total	On temporary layoff			
TOTAL							
Northeast	1,215	100.0	49.7	15.6	9.7	31.9	8.6
New England	250	100.0	53.2	18.4	12.0	28.0	6.8
Middle Atlantic	965	100.0	48.9	14.9	9.1	33.0	9.0
Midwest	1,240	100.0	46.1	17.6	12.7	34.7	6.5
East North Central	908	100.0	47.5	18.1	12.2	33.4	6.8
West North Central	332	100.0	42.2	16.3	13.9	38.3	5.7
South	2,113	100.0	42.5	10.5	13.3	34.9	9.3
South Atlantic	1,004	100.0	44.5	10.5	13.3	33.8	8.4
East South Central	364	100.0	41.8	12.4	13.2	35.7	9.1
West South Central	745	100.0	40.1	9.5	13.3	36.0	10.7
West	1,650	100.0	45.6	14.4	10.8	35.2	8.4
Mountain	383	100.0	41.3	15.1	14.1	38.1	6.3
Pacific	1,267	100.0	46.9	14.2	9.9	34.2	9.0
Men							
Northeast	654	100.0	57.0	17.7	9.0	25.5	8.4
New England	144	100.0	61.8	20.1	9.0	22.2	6.2
Middle Atlantic	510	100.0	55.5	17.1	9.0	26.3	9.0
Midwest	671	100.0	54.1	21.0	12.4	27.3	6.3
East North Central	492	100.0	55.7	22.0	12.2	25.6	6.3
West North Central	179	100.0	49.7	18.4	12.8	31.3	6.1
South	1,044	100.0	48.8	12.0	12.4	30.0	8.8
South Atlantic	497	100.0	50.9	11.9	11.1	30.4	7.6
East South Central	176	100.0	46.0	14.8	13.1	30.7	10.2
West South Central	370	100.0	47.6	10.8	13.8	28.9	9.7
West	902	100.0	51.0	15.1	10.8	29.9	8.3
Mountain	202	100.0	48.0	17.8	12.9	33.2	6.4
Pacific	700	100.0	51.9	14.4	10.1	29.1	8.9
Women							
Northeast	561	100.0	41.4	13.2	10.3	39.6	8.9
New England	106	100.0	40.6	15.1	15.1	35.8	7.5
Middle Atlantic	455	100.0	41.3	12.5	9.2	40.2	9.2
Midwest	569	100.0	36.6	13.5	13.0	43.6	6.9
East North Central	416	100.0	37.7	13.5	12.3	42.5	7.5
West North Central	153	100.0	33.3	13.7	15.0	46.4	5.2
South	1,069	100.0	36.3	8.9	14.2	39.7	9.7
South Atlantic	507	100.0	38.3	9.1	15.6	37.1	9.1
East South Central	187	100.0	38.0	9.6	13.4	40.6	8.0
West South Central	375	100.0	32.8	8.3	12.8	42.7	11.5
West	748	100.0	39.2	13.6	11.0	41.3	8.6
Mountain	181	100.0	33.7	12.2	15.5	44.2	6.6
Pacific	567	100.0	40.7	13.9	9.5	40.4	9.2
Both sexes, 16 to 19 years							
Northeast	195	100.0	17.4	6.7	5.1	45.1	32.3
Middle Atlantic	152	100.0	16.4	7.2	3.9	46.1	32.9
Midwest	267	100.0	15.4	5.2	6.4	55.1	23.2
East North Central	191	100.0	16.2	5.2	5.8	53.4	24.6
West North Central	76	100.0	13.2	5.3	7.9	59.2	19.7
South	438	100.0	13.2	3.0	9.1	45.0	32.4
South Atlantic	176	100.0	13.6	3.4	6.2	47.2	33.5
East South Central	76	100.0	10.5	2.6	10.5	46.1	31.6
West South Central	186	100.0	14.0	3.2	11.3	42.5	32.3
West	307	100.0	16.0	6.8	6.2	47.2	30.6
Mountain	91	100.0	16.5	6.6	9.9	52.7	20.9
Pacific	215	100.0	15.3	7.0	4.7	45.6	34.4

See footnotes at end of table.

Table 10. Census regions and divisions: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and reason for unemployment, 1998 annual averages — Continued

Population group and area	Total unemployed		Job losers and persons who completed temporary jobs ¹		Job leavers	Reentrants	New entrants
	Number (in thousands)	Percent	Total	On temporary layoff			
White							
Northeast	887	100.0	52.2	18.3	10.9	29.7	7.2
New England	218	100.0	54.6	19.7	11.9	27.5	5.5
Middle Atlantic	669	100.0	51.4	17.9	10.6	30.3	7.6
Midwest	959	100.0	47.4	19.9	14.1	32.4	6.2
East North Central	685	100.0	48.3	20.6	14.0	31.1	6.6
West North Central	275	100.0	45.1	18.2	13.8	35.6	5.1
South	1,308	100.0	44.0	11.9	14.4	33.6	8.0
South Atlantic	578	100.0	46.5	11.9	14.7	31.7	7.1
East South Central	232	100.0	42.2	14.2	14.2	34.9	8.2
West South Central	498	100.0	41.8	10.8	14.1	34.9	9.2
West	1,335	100.0	46.9	15.6	11.1	34.2	7.9
Mountain	345	100.0	42.0	15.7	13.9	37.7	6.4
Pacific	990	100.0	48.6	15.6	10.0	32.9	8.5
Black							
Northeast	290	100.0	43.1	8.3	6.2	38.6	12.4
Middle Atlantic	262	100.0	42.7	8.0	5.7	39.7	11.8
Midwest	247	100.0	41.7	8.9	7.3	43.7	7.3
East North Central	202	100.0	44.6	9.9	5.9	42.1	7.4
South	751	100.0	40.5	7.9	11.5	36.9	11.2
South Atlantic	399	100.0	42.4	8.0	11.3	36.3	10.3
East South Central	130	100.0	41.5	9.2	10.8	36.9	10.8
West South Central	221	100.0	37.1	7.2	12.2	38.0	13.1
West	141	100.0	39.0	7.8	7.8	44.0	9.2
Pacific	125	100.0	40.0	7.2	6.4	44.0	9.6
Hispanic origin							
Northeast	170	100.0	44.7	9.4	10.0	37.1	8.8
Middle Atlantic	151	100.0	45.0	9.3	9.3	39.1	6.6
Midwest	65	100.0	43.1	18.5	10.8	35.4	9.2
South	287	100.0	44.9	9.8	11.1	32.4	11.5
South Atlantic	93	100.0	55.9	8.6	9.7	25.8	8.6
West South Central	188	100.0	39.9	10.1	11.7	35.6	13.3
West	507	100.0	47.3	17.8	7.7	33.3	11.6
Mountain	104	100.0	41.3	18.3	11.5	38.5	8.7
Pacific	402	100.0	49.0	17.7	6.7	32.1	12.4

¹ Formerly called "job losers".

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

rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 11. Census regions and divisions: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and duration of unemployment, 1998 annual averages

Population group and area	Total unemployed		Less than 5 weeks	5 to 14 weeks	15 weeks and over				
	Number (in thousands)	Percent			Total	15 to 26 weeks	27 weeks and over		
							Total	27 to 51 weeks	52 weeks and over
TOTAL									
Northeast	1,215	100.0	35.6	31.9	32.4	14.0	18.4	7.2	11.3
New England	250	100.0	38.4	35.2	26.0	13.2	12.8	7.2	5.6
Middle Atlantic	965	100.0	34.7	31.1	34.2	14.3	19.9	7.3	12.6
Midwest	1,240	100.0	45.5	32.3	22.3	11.7	10.6	4.4	6.3
East North Central	908	100.0	45.0	32.6	22.5	11.3	11.1	4.4	6.7
West North Central	332	100.0	46.7	31.3	22.0	12.7	9.0	4.2	4.8
South	2,113	100.0	43.7	31.8	24.5	11.6	12.9	6.3	6.6
South Atlantic	1,004	100.0	42.6	31.0	26.3	12.4	14.0	7.3	6.7
East South Central	364	100.0	43.1	31.9	25.0	12.1	12.9	6.0	7.1
West South Central	745	100.0	45.4	32.8	21.9	10.5	11.4	5.2	6.2
West	1,650	100.0	42.7	29.9	27.3	12.3	15.0	6.3	8.7
Mountain	383	100.0	50.4	28.7	20.9	9.9	10.7	4.4	6.3
Pacific	1,267	100.0	40.4	30.2	29.4	12.9	16.3	6.9	9.5
Men									
Northeast	654	100.0	33.8	32.0	34.3	14.1	20.0	8.0	12.2
New England	144	100.0	36.1	34.7	29.2	13.9	14.6	8.3	6.2
Middle Atlantic	510	100.0	33.1	31.0	35.7	14.1	21.6	7.8	13.7
Midwest	671	100.0	45.5	32.5	22.1	10.7	11.2	4.3	7.0
East North Central	492	100.0	44.9	33.1	22.0	10.4	11.6	3.9	7.7
West North Central	179	100.0	46.9	30.7	21.8	11.7	10.1	5.0	5.0
South	1,044	100.0	43.0	31.9	25.1	11.9	13.2	6.5	6.7
South Atlantic	497	100.0	42.7	30.8	26.6	12.9	13.5	7.4	6.0
East South Central	176	100.0	39.8	31.8	28.4	13.1	15.3	6.2	9.1
West South Central	370	100.0	45.1	33.2	21.6	9.7	11.9	5.4	6.5
West	902	100.0	40.8	30.0	29.2	12.2	16.9	7.0	10.0
Mountain	202	100.0	49.0	28.2	22.3	10.4	12.4	4.0	8.4
Pacific	700	100.0	38.4	30.6	31.0	12.9	18.1	7.7	10.4
Women									
Northeast	561	100.0	37.6	32.1	30.5	13.9	16.6	6.4	10.2
New England	106	100.0	42.5	35.8	21.7	11.3	10.4	5.7	4.7
Middle Atlantic	455	100.0	36.5	31.2	32.5	14.5	18.0	6.6	11.4
Midwest	569	100.0	45.5	32.0	22.7	12.8	9.8	4.4	5.4
East North Central	416	100.0	45.2	32.0	22.8	12.5	10.6	4.8	5.8
West North Central	153	100.0	46.4	32.0	21.6	13.7	7.8	3.3	4.6
South	1,069	100.0	44.3	31.7	23.9	11.4	12.5	6.2	6.5
South Atlantic	507	100.0	42.6	31.2	26.2	11.6	14.4	7.1	7.3
East South Central	187	100.0	46.5	32.1	21.9	10.7	11.2	5.3	5.3
West South Central	375	100.0	45.6	32.3	22.1	11.2	10.9	5.1	5.6
West	748	100.0	45.1	29.7	25.3	12.3	12.8	5.5	7.4
Mountain	181	100.0	51.9	29.3	18.8	9.9	8.8	5.0	3.9
Pacific	567	100.0	42.9	29.8	27.2	13.2	14.1	5.8	8.3
Both sexes, 16 to 19 years									
Northeast	195	100.0	46.2	34.9	19.0	10.3	8.7	4.1	4.6
Middle Atlantic	152	100.0	46.1	32.9	21.1	10.5	10.5	5.3	5.9
Midwest	267	100.0	53.9	33.0	13.1	7.5	5.6	1.9	3.7
East North Central	191	100.0	53.9	33.0	13.1	7.9	5.8	1.6	3.7
West North Central	76	100.0	55.3	32.9	11.8	6.6	5.3	2.6	2.6
South	438	100.0	50.2	34.7	15.1	7.5	7.5	4.1	3.4
South Atlantic	176	100.0	51.1	31.8	17.0	8.0	9.1	5.1	4.0
East South Central	76	100.0	46.1	35.5	19.7	9.2	9.2	5.3	3.9

See footnotes at end of table.

Table 11. Census regions and divisions: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and duration of unemployment, 1998 annual averages — Continued

Population group and area	Total unemployed		Less than 5 weeks	5 to 14 weeks	15 weeks and over				
	Number (in thousands)	Percent			Total	15 to 26 weeks	27 weeks and over		
							Total	27 to 51 weeks	52 weeks and over
Both sexes, 16 to 19 years—Continued									
West South Central	186	100.0	51.1	37.1	11.3	5.9	5.4	2.7	2.7
West	307	100.0	52.8	30.3	16.6	9.1	7.8	3.9	3.9
Mountain	91	100.0	58.2	28.6	12.1	7.7	4.4	2.2	2.2
Pacific	215	100.0	50.7	31.2	18.6	9.8	8.8	4.7	4.7
White									
Northeast	887	100.0	38.6	31.9	29.5	13.9	15.7	7.0	8.7
New England	218	100.0	39.4	34.9	25.7	12.8	12.4	6.9	5.5
Middle Atlantic	669	100.0	38.3	30.9	30.8	14.1	16.7	7.0	9.7
Midwest	959	100.0	48.3	31.9	19.8	10.8	9.0	4.2	4.9
East North Central	685	100.0	48.0	32.3	19.7	10.5	9.2	4.2	5.0
West North Central	275	100.0	48.7	30.9	20.0	11.6	8.4	4.0	4.4
South	1,308	100.0	47.9	31.0	21.1	10.7	10.4	4.9	5.5
South Atlantic	578	100.0	47.8	29.1	23.2	11.4	11.9	5.5	6.4
East South Central	232	100.0	46.1	31.5	22.0	11.2	10.8	4.7	6.0
West South Central	498	100.0	48.8	32.9	18.1	9.6	8.4	4.2	4.2
West	1,335	100.0	44.3	30.1	25.5	12.0	13.6	5.6	7.9
Mountain	345	100.0	51.0	29.0	20.0	9.6	10.1	4.3	5.8
Pacific	990	100.0	42.0	30.5	27.5	12.8	14.7	6.1	8.6
Black									
Northeast	290	100.0	25.9	32.4	41.7	14.5	27.2	8.3	19.0
Middle Atlantic	262	100.0	25.6	31.7	43.1	14.5	28.2	8.0	20.2
Midwest	247	100.0	35.2	34.0	30.8	15.4	15.4	4.9	10.5
East North Central	202	100.0	35.1	34.7	30.2	13.9	16.3	5.0	11.4
South	751	100.0	36.1	33.2	30.6	13.2	17.4	8.9	8.5
South Atlantic	399	100.0	35.3	33.6	31.1	14.0	17.3	10.0	7.3
East South Central	130	100.0	37.7	32.3	30.8	13.1	16.9	7.7	9.2
West South Central	221	100.0	37.1	33.0	30.3	11.8	18.1	7.7	10.4
West	141	100.0	31.9	27.7	40.4	13.5	27.0	12.1	14.2
Pacific	125	100.0	30.4	28.0	41.6	13.6	28.0	13.6	15.2
Hispanic origin									
Northeast	170	100.0	33.5	32.4	34.1	13.5	20.6	8.8	11.8
Middle Atlantic	151	100.0	33.1	31.1	35.1	13.2	22.5	9.3	12.6
Midwest	65	100.0	47.7	35.4	16.9	7.7	9.2	4.6	4.6
South	287	100.0	45.6	32.8	21.6	10.8	10.8	5.6	5.2
South Atlantic	93	100.0	41.9	31.2	25.8	12.9	12.9	6.5	6.5
West South Central	188	100.0	47.9	33.0	19.1	9.6	9.6	5.3	4.3
West	507	100.0	42.8	29.4	27.8	13.4	14.4	6.7	7.5
Mountain	104	100.0	48.1	28.8	24.0	11.5	12.5	4.8	7.7
Pacific	402	100.0	41.5	29.6	29.1	13.9	14.9	7.2	7.7

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

rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Section II. Estimates for States

Chart 1. Unemployment rates by state, 1998 annual averages

(U.S. rate = 4.5 percent)

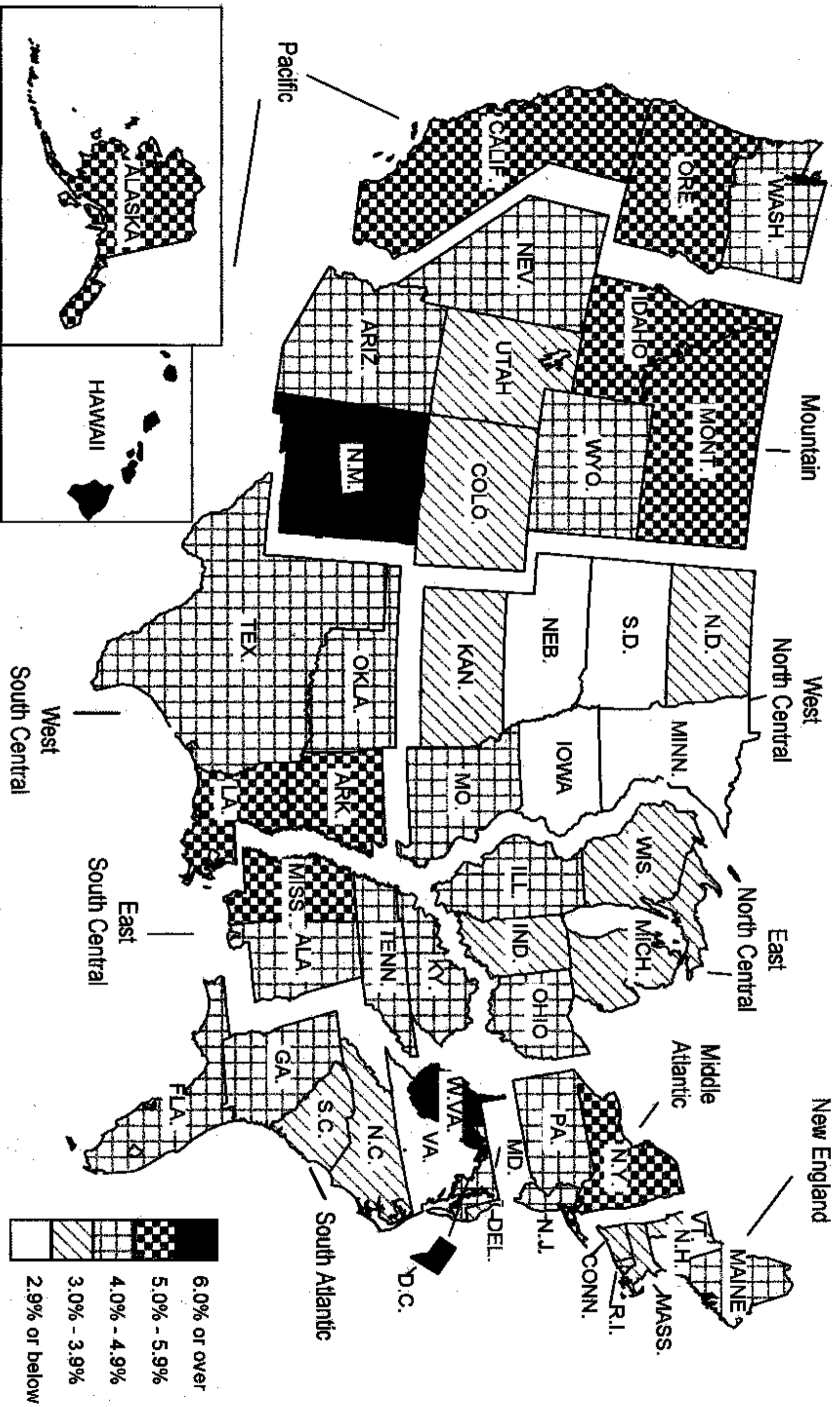


Chart 2. Employment-population ratios by State, 1998 annual averages

(U.S. average = 64.1 percent)

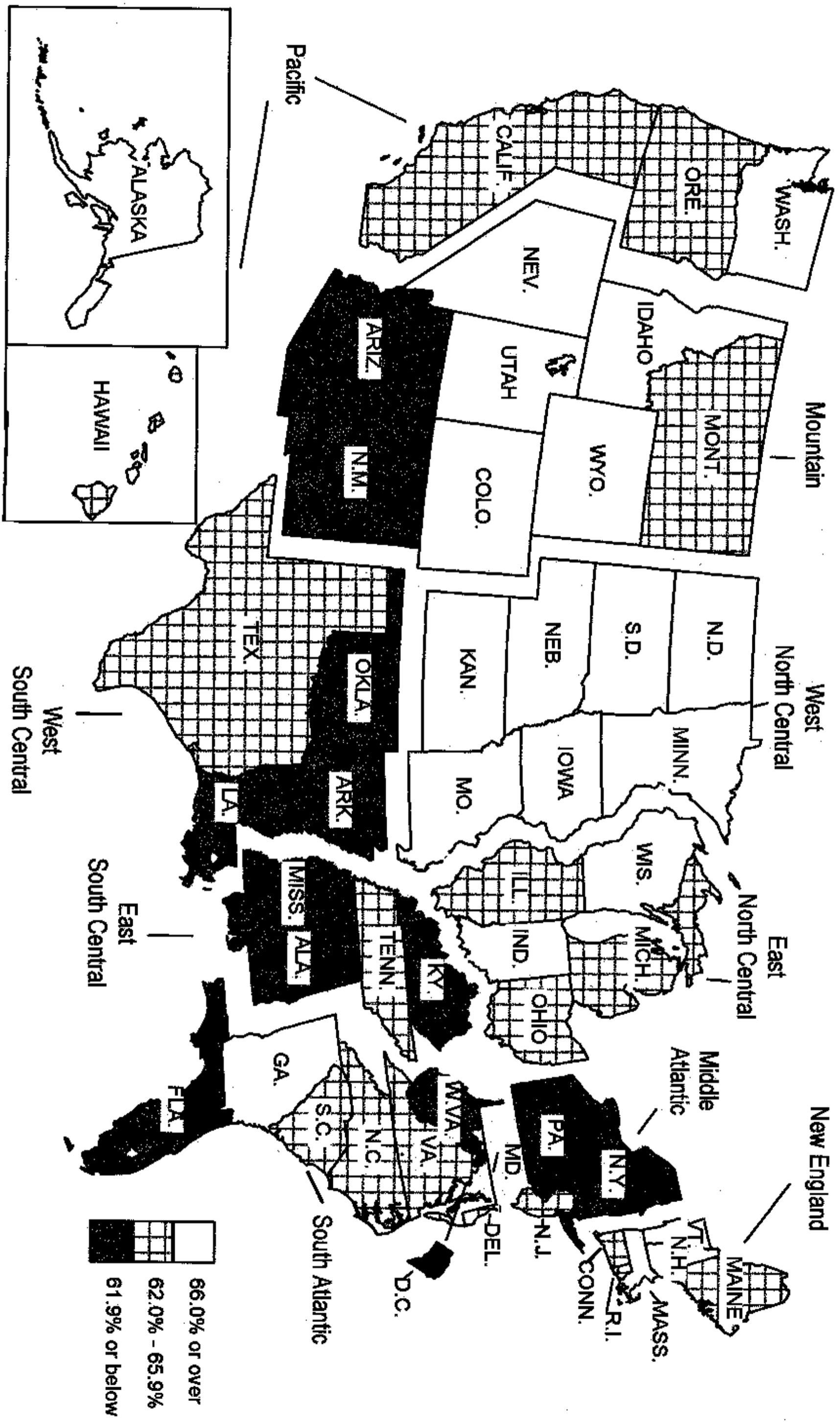


Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
UNITED STATES								
Total	205,220	137,673	67.1	131,463	64.1	6,210	4.5	4.4 - 4.6
Men	98,758	73,959	74.9	70,693	71.6	3,266	4.4	4.3 - 4.5
Women	106,462	63,714	59.8	60,771	57.1	2,944	4.6	4.5 - 4.7
Both sexes, 16 to 19 years	15,644	8,256	52.8	7,051	45.1	1,205	14.6	14.1 - 15.1
White	171,478	115,415	67.3	110,931	64.7	4,484	3.9	3.8 - 4.0
Men	83,352	63,034	75.6	60,604	72.7	2,431	3.9	3.8 - 4.0
Women	88,126	52,380	59.4	50,327	57.1	2,053	3.9	3.8 - 4.0
Both sexes, 16 to 19 years	12,439	6,965	56.0	6,089	49.0	876	12.6	12.1 - 13.1
Black	24,373	15,982	65.6	14,556	59.7	1,426	8.9	8.6 - 9.2
Men	10,927	7,542	69.0	6,871	62.9	671	8.9	8.5 - 9.3
Women	13,446	8,441	62.8	7,685	57.2	756	9.0	8.6 - 9.4
Both sexes, 16 to 19 years	2,443	1,017	41.6	736	30.1	281	27.6	26.1 - 29.1
Hispanic origin	21,070	14,317	67.9	13,291	63.1	1,026	7.2	6.9 - 7.5
Men	10,734	8,571	79.8	8,018	74.7	552	6.4	6.1 - 6.7
Women	10,335	5,746	55.6	5,273	51.0	473	8.2	7.8 - 8.6
Both sexes, 16 to 19 years	2,204	1,007	45.7	793	36.0	214	21.3	19.8 - 22.8
Alabama								
Total	3,356	2,153	64.2	2,062	61.4	91	4.2	3.7 - 4.7
Men	1,610	1,159	72.0	1,119	69.5	40	3.4	2.7 - 4.1
Women	1,746	994	56.9	943	54.0	51	5.1	4.2 - 6.0
Both sexes, 16 to 19 years	270	138	51.1	120	44.4	18	13.0	9.8 - 16.2
White	2,468	1,609	65.2	1,563	63.3	46	2.9	2.4 - 3.4
Men	1,205	889	73.8	867	72.0	23	2.5	1.9 - 3.1
Women	1,263	720	57.0	696	55.1	24	3.3	2.5 - 4.1
Both sexes, 16 to 19 years	182	102	56.0	92	50.5	10	9.9	6.4 - 13.4
Black	853	517	60.6	473	55.5	43	8.4	6.9 - 9.9
Men	390	257	65.9	240	61.5	17	6.6	4.7 - 8.5
Women	463	260	56.2	234	50.5	26	10.2	8.1 - 12.3
Alaska								
Total	427	317	74.2	299	70.0	18	5.8	5.2 - 6.4
Men	213	172	80.8	161	75.6	11	6.2	5.4 - 7.0
Women	214	145	67.8	137	64.0	8	5.3	4.5 - 6.1
Both sexes, 16 to 19 years	38	19	50.0	16	42.1	3	17.4	15.2 - 19.6
White	342	259	75.7	246	71.9	13	5.1	4.4 - 5.8
Men	174	143	82.2	135	77.6	8	5.6	4.7 - 6.5
Women	168	116	69.0	111	66.1	5	4.5	3.6 - 5.4
Both sexes, 16 to 19 years	29	15	51.7	13	44.8	2	15.1	12.1 - 18.1
Black	14	10	71.4	10	71.4	1	6.7	4.3 - 9.1
Men	7	6	85.7	5	71.4	(²)	5.8	(³) - (³)
Women	7	5	71.4	4	57.1	(²)	7.7	(³) - (³)
Hispanic origin	11	7	63.6	7	63.6	(²)	4.4	(³) - (³)
Men	5	5	100.0	4	80.0	(²)	5.4	(³) - (³)
Arizona								
Total	3,525	2,272	64.5	2,178	61.8	94	4.1	3.6 - 4.6
Men	1,698	1,240	73.0	1,193	70.3	47	3.8	3.1 - 4.5
Women	1,827	1,032	56.5	985	53.9	47	4.5	3.7 - 5.3
Both sexes, 16 to 19 years	299	154	51.5	129	43.1	25	16.5	13.3 - 19.7
White	3,249	2,096	64.5	2,010	61.9	86	4.1	3.6 - 4.6
Men	1,579	1,156	73.2	1,112	70.4	43	3.8	3.1 - 4.5
Women	1,669	940	56.3	898	53.8	43	4.5	3.7 - 5.3
Both sexes, 16 to 19 years	268	142	53.0	118	44.0	24	16.8	13.5 - 20.1

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Arizona—Continued								
Black	121	80	66.1	75	62.0	5	6.1	3.2 - 9.0
Hispanic origin	876	576	65.8	535	61.1	41	7.1	5.4 - 8.8
Men	443	341	77.0	320	72.2	21	6.1	4.1 - 8.1
Women	433	234	54.0	214	49.4	20	8.5	5.8 - 11.2
Arkansas								
Total	1,941	1,215	62.6	1,148	59.1	67	5.5	4.9 - 6.1
Men	926	638	68.9	603	65.1	35	5.5	4.6 - 6.4
Women	1,015	578	56.9	546	53.8	32	5.6	4.7 - 6.5
Both sexes, 16 to 19 years	144	74	51.4	60	41.7	14	19.2	15.0 - 23.4
White	1,594	1,011	63.4	972	61.0	39	3.8	3.2 - 4.4
Men	765	538	70.3	518	67.7	20	3.7	2.9 - 4.5
Women	829	473	57.1	454	54.8	19	4.0	3.1 - 4.9
Both sexes, 16 to 19 years	105	58	55.2	51	48.6	7	11.7	7.8 - 15.6
Black	321	186	57.9	158	49.2	28	14.9	12.3 - 17.5
Men	151	91	60.3	77	51.0	15	15.9	12.4 - 19.4
Women	170	94	55.3	81	47.6	13	13.9	10.3 - 17.5
California								
Total	24,559	16,329	66.5	15,361	62.5	969	5.9	5.6 - 6.2
Men	12,115	9,100	75.1	8,565	70.7	535	5.9	5.5 - 6.3
Women	12,444	7,229	58.1	6,796	54.6	433	6.0	5.6 - 6.4
Both sexes, 16 to 19 years	1,897	859	45.3	700	36.9	159	18.5	16.7 - 20.3
White	19,671	13,144	66.8	12,394	63.0	750	5.7	5.4 - 6.0
Men	9,810	7,470	76.1	7,051	71.9	419	5.6	5.2 - 6.0
Women	9,862	5,674	57.5	5,343	54.2	332	5.8	5.4 - 6.2
Both sexes, 16 to 19 years	1,500	737	49.1	607	40.5	129	17.6	15.7 - 19.5
Black	1,666	1,099	66.0	987	59.2	112	10.2	9.0 - 11.4
Men	783	536	68.5	483	61.7	53	9.9	8.1 - 11.7
Women	883	563	63.8	504	57.1	59	10.4	8.8 - 12.0
Hispanic origin	6,569	4,515	68.7	4,130	62.9	385	8.5	7.9 - 9.1
Men	3,392	2,739	80.7	2,521	74.3	218	8.0	7.3 - 8.7
Women	3,177	1,776	55.9	1,609	50.6	166	9.4	8.5 - 10.3
Both sexes, 16 to 19 years	730	323	44.2	246	33.7	77	23.8	20.7 - 26.9
Colorado								
Total	3,016	2,246	74.5	2,159	71.6	86	3.8	3.3 - 4.3
Men	1,489	1,206	81.0	1,161	78.0	45	3.7	3.1 - 4.3
Women	1,527	1,040	68.1	998	65.4	42	4.0	3.3 - 4.7
Both sexes, 16 to 19 years	205	132	64.4	110	53.7	21	16.1	13.3 - 18.9
White	2,813	2,109	75.0	2,031	72.2	78	3.7	3.2 - 4.2
Men	1,393	1,133	81.3	1,094	78.5	39	3.5	2.8 - 4.2
Women	1,421	976	68.7	937	65.9	39	4.0	3.3 - 4.7
Both sexes, 16 to 19 years	184	121	65.8	102	55.4	19	15.8	12.9 - 18.7
Black	87	62	71.3	57	65.5	5	7.3	4.1 - 10.5
Hispanic origin	407	296	72.7	281	69.0	15	5.2	3.8 - 6.6
Men	222	183	82.4	176	79.3	8	4.1	2.5 - 5.7
Women	185	113	61.1	105	56.8	8	6.9	4.4 - 9.4
Connecticut								
Total	2,530	1,709	67.5	1,652	65.3	57	3.4	2.9 - 3.9
Men	1,224	906	74.0	872	71.2	35	3.8	3.0 - 4.6
Women	1,306	803	61.5	780	59.7	23	2.8	2.1 - 3.5

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Connecticut—Continued								
Both sexes, 16 to 19 years	168	88	52.4	78	46.4	10	11.4	7.7 - 15.1
White	2,226	1,497	67.3	1,452	65.2	45	3.0	2.5 - 3.5
Men	1,088	803	73.8	775	71.2	29	3.6	2.8 - 4.4
Women	1,138	694	61.0	677	59.5	16	2.3	1.6 - 3.0
Both sexes, 16 to 19 years	136	75	55.1	67	49.3	7	10.0	5.9 - 14.1
Black	268	186	69.4	174	64.9	12	6.7	4.6 - 8.8
Men	117	86	73.5	80	68.4	6	7.2	3.9 - 10.5
Women	151	100	66.2	93	61.6	6	6.3	3.4 - 9.2
Hispanic origin	201	140	69.7	132	65.7	8	5.6	3.4 - 7.8
Men	97	71	73.2	66	68.0	5	7.6	3.8 - 11.4
Women	103	69	67.0	66	64.1	2	3.5	.6 - 6.4
Delaware								
Total	574	392	68.3	377	65.7	15	3.8	3.3 - 4.3
Men	277	207	74.7	199	71.8	8	3.7	3.0 - 4.4
Women	297	185	62.3	178	59.9	7	3.9	3.1 - 4.7
Both sexes, 16 to 19 years	43	26	60.5	23	53.5	3	11.1	7.9 - 14.3
White	448	302	67.4	293	65.4	9	2.9	2.4 - 3.4
Men	218	161	73.9	156	71.6	5	3.0	2.3 - 3.7
Women	230	141	61.3	137	59.6	4	2.8	2.0 - 3.6
Both sexes, 16 to 19 years	30	19	63.3	17	56.7	2	10.1	6.5 - 13.7
Black	111	80	72.1	74	66.7	5	6.7	5.1 - 8.3
Men	52	40	76.9	38	73.1	2	5.7	3.5 - 7.9
Women	60	39	65.0	36	60.0	3	7.7	5.4 - 10.0
Hispanic origin	20	15	75.0	14	70.0	1	7.2	3.4 - 11.0
District of Columbia								
Total	414	267	64.5	244	58.9	24	8.8	8.0 - 9.6
Men	190	130	68.4	120	63.2	10	7.6	6.5 - 8.7
Women	224	137	61.2	123	54.9	14	10.0	8.8 - 11.2
Both sexes, 16 to 19 years	23	9	39.1	6	26.1	3	37.3	31.4 - 43.2
White	138	106	76.8	102	73.9	4	3.6	2.7 - 4.5
Men	69	56	81.2	54	78.3	2	3.6	2.4 - 4.8
Women	69	50	72.5	48	69.6	2	3.7	2.5 - 4.9
Black	266	154	57.9	135	50.8	19	12.6	11.3 - 13.9
Men	117	71	60.7	63	53.8	8	11.0	9.3 - 12.7
Women	149	83	55.7	71	47.7	12	14.0	12.3 - 15.7
Both sexes, 16 to 19 years	20	7	35.0	4	20.0	3	40.0	34.7 - 45.3
Hispanic origin	21	16	76.2	16	76.2	1	4.2	2.3 - 6.1
Men	11	10	90.9	9	81.8	(²)	2.8	(³) - (³)
Women	10	7	70.0	6	60.0	(²)	6.4	(³) - (³)
Florida								
Total	11,610	7,228	62.3	6,918	59.6	310	4.3	4.0 - 4.6
Men	5,496	3,858	70.2	3,703	67.4	155	4.0	3.6 - 4.4
Women	6,114	3,370	55.1	3,215	52.6	155	4.6	4.2 - 5.0
Both sexes, 16 to 19 years	745	387	51.9	342	45.9	45	11.7	10.0 - 13.4
White	9,834	5,985	60.9	5,763	58.6	222	3.7	3.4 - 4.0
Men	4,688	3,254	69.4	3,140	67.0	114	3.5	3.1 - 3.9
Women	5,146	2,730	53.1	2,622	51.0	108	4.0	3.6 - 4.4
Both sexes, 16 to 19 years	580	324	55.9	290	50.0	34	10.6	8.8 - 12.4
Black	1,519	1,064	70.0	986	64.9	79	7.4	6.5 - 8.3
Men	676	497	73.5	460	68.0	37	7.4	6.1 - 8.7

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Florida—Continued								
Women	843	567	67.3	525	62.3	42	7.4	6.2 - 8.6
Both sexes, 16 to 19 years	147	57	38.8	47	32.0	10	16.9	12.2 - 21.6
Hispanic origin	1,855	1,232	66.4	1,158	62.4	74	6.0	5.2 - 6.8
Men	908	709	78.1	675	74.3	34	4.8	3.9 - 5.7
Women	947	523	55.2	484	51.1	39	7.5	6.2 - 8.8
Both sexes, 16 to 19 years	123	62	50.4	54	43.9	9	14.0	9.4 - 18.6
Georgia								
Total	5,758	4,021	69.8	3,852	66.9	169	4.2	3.7 - 4.7
Men	2,706	2,094	77.4	2,010	74.3	84	4.0	3.4 - 4.6
Women	3,052	1,927	63.1	1,842	60.4	85	4.4	3.7 - 5.1
Both sexes, 16 to 19 years	450	223	49.6	184	40.9	39	17.5	14.1 - 20.9
White	3,921	2,726	69.5	2,659	67.8	67	2.5	2.0 - 3.0
Men	1,924	1,512	78.6	1,476	76.7	35	2.3	1.7 - 2.9
Women	1,997	1,214	60.8	1,182	59.2	32	2.6	1.9 - 3.3
Both sexes, 16 to 19 years	261	146	55.9	132	50.6	14	9.6	6.1 - 13.1
Black	1,757	1,238	70.5	1,137	64.7	101	8.2	7.1 - 9.3
Men	747	555	74.3	507	67.9	48	8.7	7.0 - 10.4
Women	1,010	683	67.6	630	62.4	53	7.8	6.3 - 9.3
Hispanic origin	135	103	76.3	101	74.8	2	2.2	(³) - (³)
Hawaii								
Total	886	597	67.4	560	63.2	37	6.2	5.5 - 6.9
Men	410	296	72.2	277	67.6	19	6.4	5.4 - 7.4
Women	476	301	63.2	282	59.2	18	6.1	5.1 - 7.1
Both sexes, 16 to 19 years	56	21	37.5	16	28.6	5	25.2	18.9 - 31.5
White	228	155	68.0	145	63.6	11	6.9	5.5 - 8.3
Men	114	86	75.4	80	70.2	7	7.8	5.8 - 9.8
Women	114	69	60.5	65	57.0	4	5.9	3.8 - 8.0
Hispanic origin	25	18	72.0	16	64.0	1	7.8	2.6 - 13.0
Idaho								
Total	917	653	71.2	620	67.6	33	5.0	4.4 - 5.6
Men	462	365	79.0	346	74.9	19	5.2	4.4 - 6.0
Women	455	288	63.3	274	60.2	14	4.8	4.0 - 5.6
Both sexes, 16 to 19 years	87	55	63.2	48	55.2	7	12.7	10.1 - 15.3
White	896	637	71.1	605	67.5	32	5.0	4.4 - 5.6
Men	451	357	79.2	339	75.2	18	5.1	4.3 - 5.9
Women	445	280	62.9	266	59.8	13	4.8	4.0 - 5.6
Both sexes, 16 to 19 years	85	54	63.5	47	55.3	7	12.5	9.9 - 15.1
Hispanic origin	89	64	71.9	57	64.0	7	10.9	8.4 - 13.4
Men	49	40	81.6	36	73.5	5	11.8	8.7 - 14.9
Women	40	24	60.0	22	55.0	2	9.2	5.0 - 13.4
Illinois								
Total	9,082	6,223	68.5	5,946	65.5	277	4.5	4.2 - 4.8
Men	4,337	3,307	76.3	3,160	72.9	147	4.4	4.0 - 4.8
Women	4,745	2,916	61.5	2,786	58.7	131	4.5	4.0 - 5.0
Both sexes, 16 to 19 years	698	387	55.4	338	48.4	48	12.5	10.5 - 14.5
White	7,493	5,206	69.5	5,012	66.9	194	3.7	3.4 - 4.0
Men	3,617	2,824	78.1	2,715	75.1	109	3.9	3.4 - 4.4
Women	3,876	2,382	61.5	2,297	59.3	85	3.6	3.1 - 4.1
Both sexes, 16 to 19 years	543	326	60.0	290	53.4	36	11.0	9.0 - 13.0

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Illinois—Continued								
Black	1,274	794	62.3	720	56.5	75	9.4	8.2 - 10.6
Men	566	358	63.3	326	57.6	32	8.9	7.1 - 10.7
Women	707	436	61.7	393	55.6	43	9.8	8.2 - 11.4
Hispanic origin	785	562	71.6	529	67.4	34	6.0	4.8 - 7.2
Men	432	368	85.2	343	79.4	25	6.7	5.2 - 8.2
Women	354	194	54.8	185	52.3	9	4.6	2.9 - 6.3
Indiana								
Total	4,481	3,088	68.9	2,993	66.8	96	3.1	2.6 - 3.6
Men	2,128	1,642	77.2	1,592	74.8	49	3.0	2.4 - 3.6
Women	2,353	1,447	61.5	1,400	59.5	46	3.2	2.5 - 3.9
Both sexes, 16 to 19 years	347	201	57.9	185	53.3	16	8.2	5.5 - 10.9
White	4,110	2,848	69.3	2,765	67.3	83	2.9	2.4 - 3.4
Men	1,964	1,532	78.0	1,489	75.8	44	2.8	2.2 - 3.4
Women	2,146	1,316	61.3	1,277	59.5	39	3.0	2.3 - 3.7
Both sexes, 16 to 19 years	305	187	61.3	172	56.4	15	8.0	5.3 - 10.7
Black	302	202	66.9	190	62.9	12	5.8	3.6 - 8.0
Women	177	116	65.5	110	62.1	6	5.6	2.6 - 8.6
Iowa								
Total	2,181	1,570	72.0	1,526	70.0	43	2.8	2.4 - 3.2
Men	1,066	838	78.6	816	76.5	21	2.6	2.0 - 3.2
Women	1,115	732	65.7	710	63.7	22	3.0	2.3 - 3.7
Both sexes, 16 to 19 years	158	110	69.6	102	64.6	8	7.5	4.9 - 10.1
White	2,113	1,517	71.8	1,476	69.9	41	2.7	2.3 - 3.1
Men	1,033	811	78.5	790	76.5	21	2.6	2.0 - 3.2
Women	1,080	706	65.4	686	63.5	20	2.8	2.2 - 3.4
Both sexes, 16 to 19 years	148	105	70.9	97	65.5	8	7.4	4.9 - 9.9
Kansas								
Total	1,962	1,411	71.9	1,357	69.2	54	3.8	3.3 - 4.3
Men	951	749	78.8	723	76.0	26	3.5	2.8 - 4.2
Women	1,011	662	65.5	634	62.7	28	4.2	3.4 - 5.0
Both sexes, 16 to 19 years	175	111	63.4	99	56.6	12	10.6	8.0 - 13.2
White	1,775	1,278	72.0	1,236	69.6	43	3.3	2.8 - 3.8
Men	868	685	78.9	663	76.4	22	3.2	2.5 - 3.9
Women	907	593	65.4	573	63.2	21	3.5	2.7 - 4.3
Both sexes, 16 to 19 years	148	97	65.5	88	59.5	9	9.4	6.7 - 12.1
Black	127	88	69.3	78	61.4	10	11.4	8.0 - 14.8
Men	55	40	72.7	36	65.5	4	9.6	5.5 - 13.7
Women	72	48	66.7	42	58.3	6	12.9	8.0 - 17.8
Hispanic origin	83	61	73.5	58	69.9	3	4.7	2.2 - 7.2
Men	51	44	86.3	42	82.4	2	3.8	1.3 - 6.3
Kentucky								
Total	3,020	1,924	63.7	1,835	60.8	89	4.6	4.0 - 5.2
Men	1,434	1,031	71.9	986	68.8	45	4.4	3.6 - 5.2
Women	1,586	893	56.3	849	53.5	43	4.9	4.1 - 5.7
Both sexes, 16 to 19 years	225	119	52.9	99	44.0	20	16.7	13.8 - 19.6
White	2,800	1,789	63.9	1,711	61.1	78	4.4	3.8 - 5.0
Men	1,338	967	72.3	926	69.2	41	4.2	3.4 - 5.0
Women	1,462	822	56.2	785	53.7	37	4.5	3.7 - 5.3
Both sexes, 16 to 19 years	193	109	56.5	92	47.7	17	15.2	12.2 - 18.2

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Kentucky—Continued								
Black	195	117	60.0	106	54.4	11	9.2	6.2 - 12.2
Men	89	58	65.2	54	60.7	4	7.4	3.5 - 11.3
Women	106	59	55.7	53	50.0	6	10.9	6.2 - 15.6
Louisiana								
Total	3,274	2,063	63.0	1,945	59.4	118	5.7	5.1 - 6.3
Men	1,574	1,100	69.9	1,042	66.2	58	5.3	4.5 - 6.1
Women	1,700	963	56.6	903	53.1	59	6.2	5.3 - 7.1
Both sexes, 16 to 19 years	304	132	43.4	100	32.9	32	24.0	20.6 - 27.4
White	2,230	1,419	63.6	1,364	61.2	54	3.8	3.2 - 4.4
Men	1,111	792	71.3	763	68.7	29	3.7	2.9 - 4.5
Women	1,120	626	55.9	601	53.7	25	4.0	3.1 - 4.9
Both sexes, 16 to 19 years	181	89	49.2	72	39.8	17	19.6	15.3 - 23.9
Black	977	599	61.3	536	54.9	63	10.5	9.1 - 11.9
Men	431	281	65.2	253	58.7	29	10.2	8.2 - 12.2
Women	546	318	58.2	283	51.8	34	10.7	8.8 - 12.6
Both sexes, 16 to 19 years	115	41	35.7	27	23.5	14	33.8	29.2 - 38.4
Hispanic origin	70	48	68.6	47	67.1	1	2.0	(³) - (³)
Maine								
Total	980	651	66.4	622	63.5	29	4.4	3.8 - 5.0
Men	479	343	71.6	328	68.5	15	4.4	3.6 - 5.2
Women	501	308	61.5	294	58.7	14	4.4	3.6 - 5.2
Both sexes, 16 to 19 years	67	38	56.7	33	49.3	5	13.7	9.9 - 17.5
White	969	644	66.5	616	63.6	28	4.4	3.8 - 5.0
Men	475	341	71.8	326	68.6	15	4.4	3.6 - 5.2
Women	494	303	61.3	290	58.7	13	4.3	3.4 - 5.2
Both sexes, 16 to 19 years	67	38	56.7	32	47.8	5	13.7	9.9 - 17.5
Maryland								
Total	3,941	2,756	69.9	2,631	66.8	125	4.6	4.0 - 5.2
Men	1,898	1,448	76.3	1,380	72.7	68	4.7	3.9 - 5.5
Women	2,043	1,308	64.0	1,250	61.2	57	4.4	3.6 - 5.2
Both sexes, 16 to 19 years	255	133	52.2	113	44.3	20	15.0	11.0 - 19.0
White	2,773	1,917	69.1	1,854	66.9	62	3.3	2.7 - 3.9
Men	1,342	1,034	77.0	1,006	75.0	28	2.7	2.0 - 3.4
Women	1,431	883	61.7	849	59.3	34	3.9	3.0 - 4.8
Both sexes, 16 to 19 years	163	90	55.2	80	49.1	9	10.4	5.9 - 14.9
Black	1,000	730	73.0	670	67.0	60	8.2	6.8 - 9.6
Men	479	354	73.9	316	66.0	38	10.8	8.6 - 13.0
Women	521	375	72.0	354	67.9	22	5.8	4.2 - 7.4
Hispanic origin	161	125	77.6	116	72.0	8	6.7	3.6 - 9.8
Massachusetts								
Total	4,750	3,273	68.9	3,164	66.6	109	3.3	3.0 - 3.6
Men	2,309	1,727	74.8	1,661	71.9	66	3.8	3.3 - 4.3
Women	2,441	1,547	63.4	1,504	61.6	43	2.8	2.3 - 3.3
Both sexes, 16 to 19 years	305	173	56.7	158	51.8	15	8.8	6.6 - 11.0
White	4,402	3,053	69.4	2,958	67.2	96	3.1	2.8 - 3.4
Men	2,134	1,608	75.4	1,550	72.6	58	3.6	3.1 - 4.1
Women	2,268	1,446	63.8	1,408	62.1	38	2.6	2.1 - 3.1
Both sexes, 16 to 19 years	279	162	58.1	149	53.4	13	8.1	5.9 - 10.3

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Massachusetts—Continued								
Black	231	146	63.2	135	58.4	11	7.8	5.5 - 10.1
Men	112	74	66.1	67	59.8	7	9.3	5.9 - 12.7
Women	119	73	61.3	68	57.1	5	6.3	3.5 - 9.1
Hispanic origin	211	138	65.4	130	61.6	8	6.0	3.8 - 8.2
Men	95	70	73.7	65	68.4	5	6.9	3.8 - 10.0
Women	116	68	58.6	65	56.0	4	5.2	2.5 - 7.9
Michigan								
Total	7,461	5,029	67.4	4,835	64.8	194	3.9	3.6 - 4.2
Men	3,628	2,738	75.5	2,624	72.3	114	4.2	3.7 - 4.7
Women	3,833	2,292	59.8	2,211	57.7	81	3.5	3.1 - 3.9
Both sexes, 16 to 19 years	613	374	61.0	328	53.5	46	12.3	10.5 - 14.1
White	6,343	4,335	68.3	4,194	66.1	141	3.3	3.0 - 3.6
Men	3,115	2,402	77.1	2,319	74.4	83	3.5	3.1 - 3.9
Women	3,228	1,933	59.9	1,875	58.1	57	3.0	2.5 - 3.5
Both sexes, 16 to 19 years	506	319	63.0	287	56.7	32	10.0	8.2 - 11.8
Black	953	574	60.2	525	55.1	49	8.6	7.3 - 9.9
Men	430	263	61.2	235	54.7	28	10.6	8.6 - 12.6
Women	524	311	59.4	289	55.2	21	6.8	5.2 - 8.4
Hispanic origin	199	150	75.4	143	71.9	8	5.0	3.1 - 6.9
Men	112	95	84.8	91	81.2	4	3.7	1.6 - 5.8
Women	87	56	64.4	51	58.6	4	7.3	3.4 - 11.2
Minnesota								
Total	3,556	2,682	75.4	2,613	73.5	68	2.5	2.1 - 2.9
Men	1,757	1,420	80.8	1,380	78.5	40	2.8	2.2 - 3.4
Women	1,799	1,261	70.1	1,233	68.5	28	2.2	1.7 - 2.7
Both sexes, 16 to 19 years	291	195	67.0	177	60.8	19	9.5	7.0 - 12.0
White	3,350	2,533	75.6	2,472	73.8	61	2.4	2.0 - 2.8
Men	1,647	1,338	81.2	1,302	79.1	36	2.7	2.1 - 3.3
Women	1,703	1,195	70.2	1,170	68.7	25	2.1	1.6 - 2.6
Both sexes, 16 to 19 years	266	183	68.8	168	63.2	15	8.4	5.9 - 10.9
Mississippi								
Total	2,059	1,269	61.6	1,200	58.3	68	5.4	4.8 - 6.0
Men	955	666	69.7	634	66.4	33	4.9	4.1 - 5.7
Women	1,104	603	54.6	567	51.4	36	5.9	5.0 - 6.8
Both sexes, 16 to 19 years	174	69	39.7	54	31.0	15	21.4	17.7 - 25.1
White	1,323	818	61.8	794	60.0	24	3.0	2.4 - 3.6
Men	629	461	73.3	448	71.2	12	2.7	1.9 - 3.5
Women	694	357	51.4	345	49.7	12	3.3	2.4 - 4.2
Both sexes, 16 to 19 years	90	38	42.2	33	36.7	5	13.0	8.3 - 17.7
Black	717	437	60.9	394	55.0	43	9.9	8.6 - 11.2
Men	317	199	62.8	179	56.5	20	10.2	8.2 - 12.2
Women	400	238	59.5	215	53.8	23	9.7	7.9 - 11.5
Both sexes, 16 to 19 years	83	29	34.9	20	24.1	9	32.3	29.8 - 34.8
Missouri								
Total	4,109	2,857	69.5	2,738	66.6	119	4.2	3.7 - 4.7
Men	1,983	1,525	76.9	1,460	73.6	65	4.2	3.5 - 4.9
Women	2,126	1,333	62.7	1,278	60.1	54	4.1	3.3 - 4.9
Both sexes, 16 to 19 years	325	213	65.5	188	57.8	25	11.8	9.1 - 14.5

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Missouri—Continued								
White	3,676	2,566	69.8	2,475	67.3	91	3.6	3.1 - 4.1
Men	1,793	1,388	77.4	1,336	74.5	52	3.7	3.0 - 4.4
Women	1,883	1,178	62.6	1,138	60.4	40	3.4	2.7 - 4.1
Both sexes, 16 to 19 years	284	198	69.7	176	62.0	21	10.8	8.0 - 13.6
Black	378	252	66.7	226	59.8	27	10.5	8.0 - 13.0
Men	167	118	70.7	106	63.5	13	10.7	7.3 - 14.1
Women	210	134	63.8	120	57.1	14	10.4	7.0 - 13.8
Montana								
Total	682	468	68.6	442	64.8	26	5.6	5.0 - 6.2
Men	341	250	73.3	235	68.9	15	6.0	5.1 - 6.9
Women	341	218	63.9	207	60.7	11	5.1	4.2 - 6.0
Both sexes, 16 to 19 years	62	36	58.1	30	48.4	6	17.5	14.3 - 20.7
White	636	438	68.9	416	65.4	23	5.2	4.6 - 5.8
Men	317	234	73.8	221	69.7	13	5.6	4.7 - 6.5
Women	319	204	63.9	195	61.1	10	4.7	3.9 - 5.5
Both sexes, 16 to 19 years	55	34	61.8	28	50.9	5	15.6	12.3 - 18.9
Hispanic origin	12	9	75.0	8	66.7	1	8.9	4.9 - 12.9
Nebraska								
Total	1,241	916	73.8	892	71.9	25	2.7	2.3 - 3.1
Men	594	486	81.8	471	79.3	15	3.0	2.4 - 3.6
Women	647	431	66.6	421	65.1	10	2.4	1.8 - 3.0
Both sexes, 16 to 19 years	112	80	71.4	73	65.2	7	8.4	6.1 - 10.7
White	1,176	868	73.8	846	71.9	22	2.5	2.1 - 2.9
Men	563	459	81.5	446	79.2	13	2.9	2.3 - 3.5
Women	613	408	66.6	400	65.3	9	2.1	1.5 - 2.7
Both sexes, 16 to 19 years	102	74	72.5	68	66.7	6	7.6	5.3 - 9.9
Nevada								
Total	1,319	920	69.7	880	66.7	40	4.3	3.8 - 4.8
Men	654	505	77.2	484	74.0	21	4.2	3.5 - 4.9
Women	665	415	62.4	397	59.7	19	4.5	3.7 - 5.3
Both sexes, 16 to 19 years	93	51	54.8	45	48.4	6	12.4	8.9 - 15.9
White	1,153	801	69.5	769	66.7	32	4.0	3.4 - 4.6
Men	577	446	77.3	428	74.2	18	4.0	3.3 - 4.7
Women	576	355	61.6	340	59.0	14	4.0	3.2 - 4.8
Both sexes, 16 to 19 years	77	45	58.4	40	51.9	5	11.1	7.7 - 14.5
Black	88	61	69.3	55	62.5	5	8.6	5.9 - 11.3
Men	42	31	73.8	28	66.7	2	8.0	3.8 - 12.2
Women	46	30	65.2	27	58.7	3	9.2	5.5 - 12.9
Hispanic origin	179	136	76.0	129	72.1	7	5.3	3.8 - 6.8
Men	100	89	89.0	84	84.0	4	4.6	2.9 - 6.3
Women	79	47	59.5	44	55.7	3	6.4	3.7 - 9.1
New Hampshire								
Total	910	652	71.6	633	69.6	19	2.9	2.4 - 3.4
Men	444	344	77.5	334	75.2	10	2.8	2.2 - 3.4
Women	466	308	66.1	299	64.2	9	3.0	2.3 - 3.7
Both sexes, 16 to 19 years	65	40	61.5	36	55.4	4	9.7	6.5 - 12.9
White	886	633	71.4	615	69.4	19	2.9	2.4 - 3.4
Men	431	334	77.5	324	75.2	10	2.9	2.2 - 3.6
Women	455	300	65.9	290	63.7	9	3.1	2.3 - 3.9
Both sexes, 16 to 19 years	63	38	60.3	35	55.6	4	9.9	6.6 - 13.2

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
New Jersey								
Total	6,248	4,155	66.5	3,963	63.4	192	4.6	4.2 - 5.0
Men	2,958	2,209	74.7	2,106	71.2	103	4.6	4.1 - 5.1
Women	3,290	1,946	59.1	1,857	56.4	89	4.6	4.1 - 5.1
Both sexes, 16 to 19 years	464	214	46.1	181	39.0	32	15.2	12.7 - 17.7
White	5,009	3,323	66.3	3,190	63.7	133	4.0	3.6 - 4.4
Men	2,380	1,792	75.3	1,720	72.3	72	4.0	3.5 - 4.5
Women	2,628	1,530	58.2	1,470	55.9	61	4.0	3.5 - 4.5
Both sexes, 16 to 19 years	347	163	47.0	143	41.2	20	12.5	9.8 - 15.2
Black	939	619	65.9	566	60.3	53	8.6	7.4 - 9.8
Men	425	288	67.8	260	61.2	27	9.5	7.7 - 11.3
Women	514	331	64.4	305	59.3	26	7.9	6.3 - 9.5
Both sexes, 16 to 19 years	93	41	44.1	29	31.2	12	29.1	22.6 - 35.6
Hispanic origin	676	469	69.4	437	64.6	32	6.8	5.6 - 8.0
Men	321	254	79.1	235	73.2	18	7.3	5.5 - 9.1
Women	356	216	60.7	202	56.7	14	6.3	4.6 - 8.0
New Mexico								
Total	1,295	831	64.2	780	60.2	51	6.2	5.5 - 6.9
Men	632	449	71.0	420	66.5	29	6.4	5.5 - 7.3
Women	663	382	57.6	360	54.3	23	5.9	5.0 - 6.8
Both sexes, 16 to 19 years	113	51	45.1	41	36.3	10	20.4	16.7 - 24.1
White	1,136	733	64.5	688	60.6	45	6.2	5.5 - 6.9
Men	556	401	72.1	376	67.6	25	6.2	5.3 - 7.1
Women	580	332	57.2	312	53.8	20	6.1	5.1 - 7.1
Both sexes, 16 to 19 years	98	47	48.0	37	37.8	9	20.1	16.2 - 24.0
Black	21	16	76.2	15	71.4	1	4.4	1.3 - 7.5
Hispanic origin	498	318	63.9	290	58.2	28	8.8	7.5 - 10.1
Men	247	180	72.9	163	66.0	17	9.4	7.7 - 11.1
Women	251	138	55.0	127	50.6	11	8.1	6.3 - 9.9
Both sexes, 16 to 19 years	57	27	47.4	21	36.8	6	22.3	17.0 - 27.6
New York								
Total	14,037	8,870	63.2	8,372	59.6	498	5.6	5.3 - 5.9
Men	6,641	4,741	71.4	4,483	67.5	257	5.4	5.0 - 5.8
Women	7,396	4,130	55.8	3,889	52.6	241	5.8	5.4 - 6.2
Both sexes, 16 to 19 years	1,043	423	40.6	345	33.1	78	18.5	16.7 - 20.3
White	11,031	7,004	63.5	6,684	60.6	320	4.6	4.3 - 4.9
Men	5,278	3,808	72.1	3,640	69.0	167	4.4	4.0 - 4.8
Women	5,754	3,196	55.5	3,044	52.9	153	4.8	4.4 - 5.2
Both sexes, 16 to 19 years	769	333	43.3	281	36.5	52	15.7	13.7 - 17.7
Black	2,237	1,363	60.9	1,207	54.0	156	11.4	10.5 - 12.3
Men	983	640	65.1	564	57.4	76	11.9	10.6 - 13.2
Women	1,255	723	57.6	643	51.2	80	11.1	9.9 - 12.3
Both sexes, 16 to 19 years	226	78	34.5	54	23.9	24	30.5	27.0 - 34.0
Hispanic origin	2,037	1,209	59.4	1,101	54.1	108	8.9	8.0 - 9.8
Men	971	701	72.2	651	67.0	50	7.1	6.1 - 8.1
Women	1,066	508	47.7	450	42.2	58	11.4	9.9 - 12.9
Both sexes, 16 to 19 years	193	59	30.6	46	23.8	12	21.1	15.9 - 26.3
North Carolina								
Total	5,680	3,794	66.8	3,663	64.5	131	3.5	3.1 - 3.9
Men	2,735	2,031	74.3	1,968	72.0	63	3.1	2.6 - 3.6
Women	2,945	1,763	59.9	1,695	57.6	68	3.9	3.3 - 4.5
Both sexes, 16 to 19 years	407	199	48.9	180	44.2	19	9.6	7.2 - 12.0

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
North Carolina—Continued								
White	4,302	2,859	66.5	2,789	64.8	70	2.5	2.1 - 2.9
Men	2,103	1,566	74.5	1,532	72.8	34	2.2	1.7 - 2.7
Women	2,199	1,292	58.8	1,257	57.2	36	2.8	2.2 - 3.4
Both sexes, 16 to 19 years	293	153	52.2	144	49.1	10	6.4	4.1 - 8.7
Black	1,202	814	67.7	757	63.0	56	6.9	5.9 - 7.9
Men	549	400	72.9	374	68.1	26	6.5	5.0 - 8.0
Women	653	413	63.2	383	58.7	30	7.3	5.9 - 8.7
Hispanic origin	145	111	76.6	108	74.5	3	2.9	1.1 - 4.7
Men	91	83	91.2	81	89.0	1	1.8	(³) - (³)
North Dakota								
Total	480	347	72.3	336	70.0	11	3.2	2.7 - 3.7
Men	233	180	77.3	175	75.1	6	3.2	2.6 - 3.8
Women	247	167	67.6	161	65.2	5	3.2	2.5 - 3.9
Both sexes, 16 to 19 years	43	28	65.1	26	60.5	2	7.2	5.0 - 9.4
White	456	333	73.0	324	71.1	9	2.6	2.2 - 3.0
Men	222	173	77.9	169	76.1	5	2.8	2.2 - 3.4
Women	234	159	67.9	156	66.7	4	2.4	1.8 - 3.0
Both sexes, 16 to 19 years	40	26	65.0	25	62.5	2	6.3	4.4 - 8.2
Ohio								
Total	8,561	5,678	66.3	5,437	63.5	242	4.3	4.0 - 4.6
Men	4,081	3,001	73.5	2,868	70.3	133	4.4	3.9 - 4.9
Women	4,480	2,677	59.8	2,569	57.3	108	4.0	3.5 - 4.5
Both sexes, 16 to 19 years	637	367	57.6	315	49.5	52	14.2	12.4 - 16.0
White	7,515	4,996	66.5	4,808	64.0	188	3.8	3.5 - 4.1
Men	3,605	2,669	74.0	2,563	71.1	106	4.0	3.5 - 4.5
Women	3,910	2,326	59.5	2,245	57.4	82	3.5	3.0 - 4.0
Both sexes, 16 to 19 years	534	321	60.1	281	52.6	41	12.7	10.8 - 14.6
Black	917	588	64.1	539	58.8	49	8.3	7.0 - 9.6
Men	405	273	67.4	249	61.5	24	8.9	7.0 - 10.8
Women	512	315	61.5	290	56.6	25	7.8	6.1 - 9.5
Hispanic origin	105	77	73.3	72	68.6	6	7.2	3.9 - 10.5
Men	69	52	75.4	48	69.6	4	8.2	3.6 - 12.8
Oklahoma								
Total	2,521	1,627	64.5	1,554	61.6	74	4.5	3.9 - 5.1
Men	1,208	874	72.4	838	69.4	37	4.2	3.5 - 4.9
Women	1,313	753	57.3	716	54.5	37	4.9	4.0 - 5.8
Both sexes, 16 to 19 years	206	102	49.5	88	42.7	13	13.1	9.6 - 16.6
White	2,106	1,366	64.9	1,317	62.5	49	3.6	3.0 - 4.2
Men	1,015	743	73.2	717	70.6	26	3.5	2.8 - 4.2
Women	1,091	623	57.1	600	55.0	23	3.6	2.8 - 4.4
Both sexes, 16 to 19 years	168	85	50.6	75	44.6	10	11.2	7.8 - 14.6
Black	217	140	64.5	126	58.1	14	9.7	7.3 - 12.1
Men	96	67	69.8	60	62.5	6	9.4	5.5 - 13.3
Women	120	73	60.8	66	55.0	7	10.0	6.6 - 13.4
Hispanic origin	75	51	68.0	48	64.0	3	5.0	2.0 - 8.0

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Oregon								
Total	2,550	1,762	69.1	1,664	65.3	98	5.6	5.0 - 6.2
Men	1,269	972	76.6	917	72.3	55	5.7	4.9 - 6.5
Women	1,281	790	61.7	747	58.3	43	5.5	4.6 - 6.4
Both sexes, 16 to 19 years	199	117	58.8	99	49.7	18	15.8	12.2 - 19.4
White	2,360	1,629	69.0	1,539	65.2	90	5.5	4.9 - 6.1
Men	1,172	895	76.4	846	72.2	50	5.6	4.7 - 6.5
Women	1,188	733	61.7	693	58.3	40	5.5	4.5 - 6.5
Both sexes, 16 to 19 years	177	105	59.3	88	49.7	17	16.1	12.4 - 19.8
Black	43	35	81.4	33	76.7	2	6.6	1.8 - 11.4
Hispanic origin	170	135	79.4	125	73.5	10	7.6	4.3 - 10.9
Men	103	91	88.3	85	82.5	6	6.5	2.8 - 10.2
Women	67	44	65.7	39	58.2	4	9.9	3.3 - 16.5
Pennsylvania								
Total	9,274	5,936	64.0	5,661	61.0	275	4.6	4.3 - 4.9
Men	4,324	3,146	72.8	2,996	69.3	150	4.8	4.3 - 5.3
Women	4,950	2,790	56.4	2,665	53.8	125	4.5	4.0 - 5.0
Both sexes, 16 to 19 years	647	338	52.2	297	45.9	41	12.2	10.1 - 14.3
White	8,255	5,335	64.6	5,119	62.0	216	4.1	3.8 - 4.4
Men	3,882	2,866	73.8	2,741	70.6	125	4.4	3.9 - 4.9
Women	4,373	2,469	56.5	2,378	54.4	91	3.7	3.2 - 4.2
Both sexes, 16 to 19 years	557	305	54.8	272	48.8	32	10.6	8.5 - 12.7
Black	816	473	58.0	420	51.5	53	11.1	9.5 - 12.7
Men	347	212	61.1	189	54.5	23	10.7	8.2 - 13.2
Women	469	262	55.9	232	49.5	30	11.5	9.3 - 13.7
Hispanic origin	204	127	62.3	116	56.9	11	8.6	5.8 - 11.4
Men	96	68	70.8	62	64.6	6	9.2	5.1 - 13.3
Women	108	58	53.7	54	50.0	5	7.8	4.0 - 11.6
Rhode Island								
Total	751	498	66.3	474	63.1	24	4.9	4.3 - 5.5
Men	354	259	73.2	246	69.5	13	4.9	4.0 - 5.8
Women	397	239	60.2	227	57.2	12	4.9	4.0 - 5.8
Both sexes, 16 to 19 years	48	30	62.5	24	50.0	6	20.8	16.4 - 25.2
White	701	462	65.9	442	63.1	20	4.3	3.7 - 4.9
Men	330	241	73.0	230	69.7	11	4.4	3.5 - 5.3
Women	370	221	59.7	212	57.3	9	4.2	3.3 - 5.1
Both sexes, 16 to 19 years	42	27	64.3	22	52.4	5	17.0	12.9 - 21.1
Black	34	25	73.5	22	64.7	4	14.2	10.3 - 18.1
Women	19	13	68.4	11	57.9	2	17.9	10.9 - 24.9
Hispanic origin	41	30	73.2	27	65.9	3	10.0	6.5 - 13.5
Men	19	16	84.2	15	78.9	1	8.8	3.4 - 14.2
Women	22	14	63.6	12	54.5	2	11.5	6.8 - 16.2
South Carolina								
Total	2,942	1,959	66.6	1,884	64.0	75	3.8	3.3 - 4.3
Men	1,352	1,003	74.2	969	71.7	34	3.4	2.7 - 4.1
Women	1,590	955	60.1	915	57.5	40	4.2	3.4 - 5.0
Both sexes, 16 to 19 years	223	111	49.8	97	43.5	14	12.7	9.1 - 16.3
White	2,142	1,440	67.2	1,408	65.7	32	2.3	1.8 - 2.8
Men	1,013	761	75.1	746	73.6	15	2.0	1.4 - 2.6
Women	1,130	680	60.2	662	58.6	18	2.6	1.9 - 3.3
Both sexes, 16 to 19 years	144	77	53.5	71	49.3	6	7.3	3.9 - 10.7

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
South Carolina—Continued								
Black	777	505	65.0	464	59.7	41	8.2	6.8 - 9.6
Men	332	238	71.7	219	66.0	19	8.1	6.0 - 10.2
Women	445	268	60.2	246	55.3	22	8.3	6.4 - 10.2
South Dakota								
Total	547	398	72.8	386	70.6	11	2.9	2.5 - 3.3
Men	271	210	77.5	204	75.3	6	2.7	2.1 - 3.3
Women	276	188	68.1	182	65.9	6	3.0	2.4 - 3.6
Both sexes, 16 to 19 years	56	37	66.1	34	60.7	3	8.4	6.2 - 10.6
White	511	374	73.2	366	71.6	9	2.3	1.9 - 2.7
Men	255	198	77.6	194	76.1	4	2.1	1.6 - 2.6
Women	256	176	68.8	171	66.8	4	2.5	1.9 - 3.1
Both sexes, 16 to 19 years	51	35	68.6	32	62.7	3	8.0	5.9 - 10.1
Tennessee								
Total	4,212	2,760	65.5	2,644	62.8	116	4.2	3.7 - 4.7
Men	1,997	1,447	72.5	1,389	69.6	58	4.0	3.3 - 4.7
Women	2,215	1,312	59.2	1,255	56.7	57	4.4	3.6 - 5.2
Both sexes, 16 to 19 years	311	169	54.3	145	46.6	24	14.0	10.7 - 17.3
White	3,513	2,260	64.3	2,177	62.0	83	3.7	3.1 - 4.3
Men	1,685	1,218	72.3	1,174	69.7	44	3.6	2.9 - 4.3
Women	1,828	1,041	56.9	1,002	54.8	39	3.8	3.0 - 4.6
Both sexes, 16 to 19 years	239	135	56.5	118	49.4	17	12.5	8.9 - 16.1
Black	671	479	71.4	446	66.5	33	6.8	5.3 - 8.3
Men	300	217	72.3	202	67.3	14	6.6	4.3 - 8.9
Women	371	262	70.6	244	65.8	18	6.9	4.8 - 9.0
Texas								
Total	14,611	10,118	69.2	9,631	65.9	487	4.8	4.5 - 5.1
Men	7,101	5,598	78.8	5,358	75.5	240	4.3	3.9 - 4.7
Women	7,510	4,520	60.2	4,274	56.9	247	5.5	5.0 - 6.0
Both sexes, 16 to 19 years	1,266	641	50.6	514	40.6	127	19.8	18.2 - 21.4
White	12,374	8,550	69.1	8,194	66.2	356	4.2	3.9 - 4.5
Men	6,065	4,811	79.3	4,628	76.3	183	3.8	3.4 - 4.2
Women	6,310	3,740	59.3	3,567	56.5	173	4.6	4.1 - 5.1
Both sexes, 16 to 19 years	1,029	533	51.8	441	42.9	92	17.2	15.5 - 18.9
Black	1,746	1,215	69.6	1,098	62.9	117	9.6	8.6 - 10.6
Men	784	580	74.0	527	67.2	52	9.0	7.5 - 10.5
Women	962	636	66.1	571	59.4	65	10.2	8.8 - 11.6
Both sexes, 16 to 19 years	201	95	47.3	63	31.3	32	34.0	(³) - (³)
Hispanic origin	4,279	2,880	67.3	2,695	63.0	185	6.4	5.8 - 7.0
Men	2,132	1,710	80.2	1,621	76.0	88	5.2	4.5 - 5.9
Women	2,146	1,170	54.5	1,074	50.0	96	8.2	7.2 - 9.2
Both sexes, 16 to 19 years	494	243	49.2	190	38.5	53	21.9	19.9 - 23.9
Utah								
Total	1,477	1,063	72.0	1,023	69.3	40	3.8	3.3 - 4.3
Men	712	579	81.3	560	78.7	19	3.3	2.7 - 3.9
Women	765	484	63.3	463	60.5	21	4.4	3.6 - 5.2
Both sexes, 16 to 19 years	170	114	67.1	102	60.0	11	9.7	7.6 - 11.8
White	1,419	1,020	71.9	983	69.3	37	3.6	3.1 - 4.1
Men	684	555	81.1	537	78.5	18	3.2	2.6 - 3.8
Women	735	465	63.3	446	60.7	19	4.2	3.4 - 5.0
Both sexes, 16 to 19 years	164	111	67.7	100	61.0	11	9.6	7.5 - 11.7

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Utah—Continued								
Hispanic origin	87	66	75.9	62	71.3	4	6.0	3.7 - 8.3
Men	47	39	83.0	37	78.7	3	6.5	3.7 - 9.3
Vermont								
Total	461	330	71.6	319	69.2	11	3.4	2.9 - 3.9
Men	222	172	77.5	167	75.2	6	3.3	2.6 - 4.0
Women	239	158	66.1	153	64.0	6	3.5	2.8 - 4.2
Both sexes, 16 to 19 years	32	20	62.5	18	56.2	2	11.1	7.5 - 14.7
White	452	324	71.7	314	69.5	11	3.2	2.7 - 3.7
Men	217	169	77.9	163	75.1	5	3.1	2.4 - 3.8
Women	235	156	66.4	150	63.8	5	3.4	2.6 - 4.2
Both sexes, 16 to 19 years	31	20	64.5	18	58.1	2	10.6	7.2 - 14.0
Virginia								
Total	5,159	3,488	67.6	3,386	65.6	102	2.9	2.5 - 3.3
Men	2,479	1,876	75.7	1,834	74.0	42	2.3	1.8 - 2.8
Women	2,680	1,612	60.1	1,553	57.9	59	3.7	3.0 - 4.4
Both sexes, 16 to 19 years	353	184	52.1	161	45.6	23	12.4	9.5 - 15.3
White	3,953	2,680	67.8	2,618	66.2	62	2.3	1.9 - 2.7
Men	1,938	1,475	76.1	1,447	74.7	28	1.9	1.4 - 2.4
Women	2,016	1,205	59.8	1,172	58.1	34	2.8	2.1 - 3.5
Both sexes, 16 to 19 years	247	132	53.4	120	48.6	12	8.8	5.6 - 12.0
Black	1,027	676	65.8	642	62.5	34	5.0	3.9 - 6.1
Men	456	330	72.4	319	70.0	10	3.1	1.7 - 4.5
Women	571	346	60.6	323	56.6	23	6.8	5.0 - 8.6
Washington								
Total	4,325	3,039	70.3	2,895	66.9	145	4.8	4.2 - 5.4
Men	2,124	1,662	78.2	1,582	74.5	80	4.8	4.0 - 5.6
Women	2,201	1,377	62.6	1,313	59.7	65	4.7	3.8 - 5.6
Both sexes, 16 to 19 years	308	181	58.8	152	49.4	29	16.0	12.2 - 19.8
White	3,931	2,760	70.2	2,635	67.0	125	4.5	3.9 - 5.1
Men	1,931	1,509	78.1	1,438	74.5	71	4.7	3.9 - 5.5
Women	2,000	1,251	62.6	1,197	59.8	54	4.3	3.4 - 5.2
Both sexes, 16 to 19 years	281	169	60.1	146	52.0	24	14.0	10.2 - 17.8
Black	107	82	76.6	73	68.2	9	11.0	6.4 - 15.6
Hispanic origin	171	133	77.8	127	74.3	6	4.4	1.5 - 7.3
Men	94	86	91.5	82	87.2	4	4.3	.9 - 7.7
West Virginia								
Total	1,452	800	55.1	747	51.4	53	6.6	5.9 - 7.3
Men	687	434	63.2	401	58.4	33	7.6	6.7 - 8.5
Women	765	366	47.8	346	45.2	20	5.5	4.6 - 6.4
Both sexes, 16 to 19 years	105	46	43.8	37	35.2	9	20.4	17.0 - 23.8
White	1,403	771	55.0	722	51.5	50	6.4	5.7 - 7.1
Men	666	420	63.1	389	58.4	31	7.4	6.5 - 8.3
Women	737	351	47.6	333	45.2	19	5.3	4.4 - 6.2
Both sexes, 16 to 19 years	100	44	44.0	36	36.0	8	18.7	15.3 - 22.1
Black	40	23	57.5	20	50.0	3	14.1	9.0 - 19.2
Women	22	13	59.1	11	50.0	1	10.9	3.4 - 18.4
Wisconsin								
Total	3,968	2,952	74.4	2,853	71.9	99	3.4	2.9 - 3.9

See footnotes at end of table.

Table 12. States: Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Area and population group	Civilian non-institutional population	Civilian labor force		Employment		Unemployment		
		Number	Percent of population	Number	Percent of population	Number	Rate	Error range of rate ¹
Wisconsin—Continued								
Men	1,953	1,561	79.9	1,511	77.4	49	3.2	2.6 - 3.8
Women	2,015	1,391	69.0	1,341	66.6	50	3.6	2.9 - 4.3
Both sexes, 16 to 19 years	292	216	74.0	188	64.4	28	13.0	10.2 - 15.8
White	3,690	2,762	74.9	2,683	72.7	79	2.9	2.4 - 3.4
Men	1,835	1,474	80.3	1,434	78.1	40	2.7	2.1 - 3.3
Women	1,855	1,288	69.4	1,249	67.3	39	3.0	2.3 - 3.7
Both sexes, 16 to 19 years	260	197	75.8	176	67.7	21	10.8	8.0 - 13.6
Black	177	117	66.1	100	56.5	17	14.7	11.1 - 18.3
Wyoming								
Total	367	258	70.3	246	67.0	12	4.8	4.2 - 5.4
Men	182	141	77.5	134	73.6	7	4.8	4.0 - 5.6
Women	185	117	63.2	111	60.0	6	4.7	3.9 - 5.5
Both sexes, 16 to 19 years	39	24	61.5	20	51.3	3	14.7	11.5 - 17.9
White	354	250	70.6	238	67.2	12	4.8	4.2 - 5.4
Men	176	137	77.8	130	73.9	7	4.8	4.0 - 5.6
Women	179	113	63.1	108	60.3	5	4.8	3.9 - 5.7
Both sexes, 16 to 19 years	38	23	60.5	20	52.6	3	14.7	11.6 - 17.8
Hispanic origin	16	12	75.0	11	68.8	1	10.0	6.2 - 13.8
Men	9	8	88.9	7	77.8	1	11.7	7.5 - 15.9

¹ Error ranges are calculated 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.

² Less than 500 persons.

³ Error ranges cannot be properly computed when the number of sample cases is very small and/or the unemployment rate is low.

NOTE: Data for demographic groups are not shown when they do not meet BLS publication standards of reliability for the particular area based on the sample in that area. See appendix B. Items may not add to totals because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Data in tables 1-22 incorporate updated 1990 census-based population controls.

Table 13. States: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages

(In thousands)

Population group and State	Employed ¹									Unemployed	
	Full-time workers					Part-time workers				Looking for full-time work	Looking for part-time work
	Total	At work			Not at work	Total	At work ²		Not at work		
		35 hours or more	1 to 34 hours				Part time for economic reasons	Part time for noneconomic reasons			
		Economic reasons	Noneconomic reasons								
TOTAL											
Alabama	1,713	1,437	24	192	59	349	35	294	20	75	16
Alaska	244	197	5	27	16	54	10	40	5	15	3
Arizona	1,802	1,548	19	182	52	377	41	310	25	70	25
Arkansas	962	817	21	93	30	187	18	157	12	57	10
California	12,467	10,590	201	1,215	461	2,894	444	2,274	175	777	192
Colorado	1,776	1,496	22	198	60	383	26	330	27	60	26
Connecticut	1,337	1,129	7	142	59	315	37	259	19	(³)	(³)
Delaware	313	266	3	32	11	65	8	53	4	12	3
District of Columbia	213	180	2	24	7	31	6	22	2	21	2
Florida	5,863	5,092	68	495	207	1,055	125	854	76	257	53
Georgia	3,295	2,829	42	312	113	557	47	472	37	134	35
Hawaii	450	371	8	52	19	110	23	78	9	32	5
Idaho	488	409	11	50	18	132	15	108	8	25	8
Illinois	4,886	4,152	45	500	188	1,060	94	892	74	226	52
Indiana	2,455	2,087	23	254	91	538	36	468	34	(³)	(³)
Iowa	1,225	1,039	15	129	41	302	20	264	18	(³)	(³)
Kansas	1,088	918	13	122	35	268	20	233	15	42	12
Kentucky	1,541	1,294	20	162	65	295	34	236	25	71	18
Louisiana	1,650	1,391	27	165	66	295	43	232	20	98	20
Maine	492	403	10	60	20	130	16	106	8	21	8
Maryland	2,272	1,906	20	264	82	359	39	292	28	98	28
Massachusetts	2,517	2,101	19	293	103	648	46	560	41	86	23
Michigan	3,882	3,332	49	346	155	953	93	799	61	143	51
Minnesota	2,035	1,709	23	237	64	579	39	502	38	(³)	(³)
Mississippi	1,042	893	17	91	41	159	22	128	8	57	11
Missouri	2,277	1,904	27	267	78	462	38	396	28	100	19
Montana	335	276	7	37	14	107	16	83	7	19	7
Nebraska	712	609	8	75	20	180	11	159	10	(³)	(³)
Nevada	750	656	10	58	26	130	16	106	8	31	8
New Hampshire	507	427	4	57	19	126	9	109	8	(³)	(³)
New Jersey	3,303	2,807	24	344	128	661	66	553	42	150	42
New Mexico	621	527	9	64	21	159	23	125	11	42	9
New York	6,853	5,817	55	679	302	1,519	211	1,202	106	397	101
North Carolina	3,150	2,707	45	299	99	513	46	433	35	108	23
North Dakota	265	223	5	28	9	71	8	59	5	9	2
Ohio	4,406	3,761	45	411	190	1,031	83	880	68	181	60
Oklahoma	1,285	1,087	15	138	45	269	26	223	20	60	14
Oregon	1,313	1,092	23	145	53	350	46	280	25	78	21
Pennsylvania	4,551	3,861	43	474	173	1,111	125	923	62	210	65
Rhode Island	381	305	4	53	19	93	10	76	7	18	6
South Carolina	1,591	1,392	23	118	57	294	25	251	18	64	10
South Dakota	304	256	3	32	13	83	5	72	6	(³)	(³)
Tennessee	2,224	1,880	28	229	87	420	38	353	29	96	19
Texas	8,200	7,030	112	784	274	1,431	161	1,178	92	383	104
Utah	791	662	9	91	28	232	12	206	14	29	11
Vermont	246	204	3	28	11	74	8	61	5	(³)	(³)
Virginia	2,858	2,409	28	311	110	528	49	446	33	(³)	(³)
Washington	2,318	1,908	41	274	96	577	58	473	46	113	32
West Virginia	610	503	8	67	32	137	22	105	10	42	11
Wisconsin	2,269	1,923	28	229	90	583	45	501	37	73	26
Wyoming	193	164	3	18	8	53	6	43	3	9	3

See footnotes at end of table.

Table 13. States: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and State	Employed ¹								Unemployed		
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work	
	Total	At work		Not at work	Total	At work ²		Not at work			
		35 hours or more	1 to 34 hours			Part time for economic reasons	Part time for noneconomic reasons				
		Economic reasons	Noneconomic reasons								
Men											
Alabama	998	868	12	87	31	121	13	103	5	(³)	(³)
Alaska	144	118	3	14	9	18	4	12	1	9	1
Arizona	1,075	951	11	90	23	118	19	94	6	(³)	(³)
Arkansas	540	471	11	42	16	63	8	51	4	29	5
California	7,512	6,527	133	625	227	1,053	208	791	53	452	83
Colorado	1,036	893	12	98	34	126	10	106	9	(³)	(³)
Connecticut	776	676	3	66	30	96	17	74	5	(³)	(³)
Delaware	178	156	2	15	6	22	3	17	1	(³)	(³)
District of Columbia	108	94	1	10	3	12	2	9	1	9	1
Florida	3,319	2,957	41	224	97	384	53	301	30	130	25
Georgia	1,850	1,629	29	144	49	160	17	135	8	69	14
Hawaii	242	203	5	26	9	35	9	22	3	18	2
Idaho	306	262	7	27	11	40	6	32	2	16	3
Illinois	2,816	2,452	29	241	95	344	42	281	21	127	19
Indiana	1,432	1,259	13	115	46	160	13	136	11	(³)	(³)
Iowa	718	627	9	63	19	98	9	83	6	(³)	(³)
Kansas	635	550	7	61	17	88	8	75	4	(³)	(³)
Kentucky	891	777	11	76	28	95	16	71	8	37	9
Louisiana	947	820	15	78	35	94	15	73	6	48	10
Maine	287	242	6	28	11	41	6	33	2	(³)	(³)
Maryland	1,258	1,082	12	126	37	123	12	102	8	57	11
Massachusetts	1,483	1,283	12	137	50	178	22	146	10	55	11
Michigan	2,347	2,066	27	172	81	277	34	227	16	92	21
Minnesota	1,205	1,042	15	115	32	175	16	150	9	(³)	(³)
Mississippi	576	505	10	44	17	57	9	46	2	28	5
Missouri	1,276	1,098	14	132	32	184	23	155	7	(³)	(³)
Montana	200	170	4	18	8	35	7	27	2	12	3
Nebraska	414	364	4	37	9	57	4	50	3	(³)	(³)
Nevada	436	390	6	28	12	48	6	40	3	(³)	(³)
New Hampshire	301	260	2	28	11	33	3	28	2	(³)	(³)
New Jersey	1,905	1,671	15	159	61	201	28	162	11	84	19
New Mexico	368	319	5	33	10	52	11	37	4	25	4
New York	4,009	3,501	33	329	147	474	90	361	24	213	44
North Carolina	1,789	1,569	27	150	43	179	19	151	9	(³)	(³)
North Dakota	154	134	3	13	4	21	3	17	1	(³)	(³)
Ohio	2,560	2,245	28	201	86	308	37	256	15	109	25
Oklahoma	745	644	9	70	21	93	12	74	7	(³)	(³)
Oregon	807	689	15	74	30	109	23	80	6	46	9
Pennsylvania	2,683	2,330	27	241	84	314	46	252	15	123	27
Rhode Island	219	183	3	24	9	27	5	21	2	11	2
South Carolina	877	785	13	55	24	92	9	77	6	(³)	(³)
South Dakota	178	154	2	15	7	26	2	23	2	(³)	(³)
Tennessee	1,258	1,087	17	113	41	131	13	113	5	(³)	(³)
Texas	4,876	4,292	68	388	128	481	68	388	25	196	44
Utah	485	417	5	48	15	75	4	66	4	(³)	(³)
Vermont	147	124	2	14	7	20	2	16	1	(³)	(³)
Virginia	1,666	1,440	14	159	53	168	20	140	7	(³)	(³)
Washington	1,407	1,181	27	141	57	175	22	143	10	65	15
West Virginia	358	305	5	33	15	43	10	30	3	28	5
Wisconsin	1,341	1,172	14	110	45	171	19	142	9	(³)	(³)
Wyoming	117	103	2	8	4	17	3	14	1	6	1

See footnotes at end of table.

Table 13. States: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and State	Employed ¹								Unemployed		
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work	
	Total	At work		Not at work	Total	At work ²		Not at work			
		35 hours or more	1 to 34 hours			Part time for economic reasons	Part time for noneconomic reasons				
	Economic reasons	Noneconomic reasons									
Women											
Alabama	715	570	12	105	28	228	23	191	15	(³)	(³)
Alaska	101	79	2	14	7	37	6	28	3	6	2
Arizona	727	598	8	92	29	258	22	217	19	(³)	(³)
Arkansas	422	346	10	51	14	124	11	106	7	27	5
California	4,955	4,063	68	590	234	1,841	236	1,483	122	325	108
Colorado	741	604	11	100	26	257	16	224	17	(³)	(³)
Connecticut	561	453	4	76	29	219	20	185	14	(³)	(³)
Delaware	135	110	1	18	6	43	4	36	3	(³)	(³)
District of Columbia	105	86	1	14	4	19	4	13	1	12	1
Florida	2,543	2,135	28	271	110	672	72	553	46	127	28
Georgia	1,445	1,200	13	168	64	397	30	337	30	64	21
Hawaii	207	168	3	26	10	75	13	56	6	14	4
Idaho	182	147	5	24	7	92	9	76	6	9	5
Illinois	2,069	1,701	15	260	94	716	51	611	54	98	32
Indiana	1,022	828	10	139	45	378	23	332	23	(³)	(³)
Iowa	506	412	6	67	22	204	11	181	12	(³)	(³)
Kansas	453	368	6	61	18	181	11	158	11	(³)	(³)
Kentucky	649	517	9	86	37	200	18	165	17	34	9
Louisiana	703	571	13	87	31	201	28	159	14	50	9
Maine	205	161	4	32	9	88	10	73	6	(³)	(³)
Maryland	1,014	824	7	138	44	236	27	190	20	(³)	(³)
Massachusetts	1,034	817	7	156	53	470	25	414	31	(³)	(³)
Michigan	1,535	1,265	22	174	74	676	59	572	46	51	29
Minnesota	830	667	8	122	33	403	23	352	28	(³)	(³)
Mississippi	465	388	7	47	24	102	14	82	6	29	6
Missouri	1,001	807	13	135	46	278	15	242	21	(³)	(³)
Montana	135	105	3	20	7	72	10	56	5	7	4
Nebraska	298	245	4	38	11	123	7	109	7	(³)	(³)
Nevada	314	267	4	30	14	82	10	67	6	(³)	(³)
New Hampshire	206	167	2	28	9	93	6	81	6	(³)	(³)
New Jersey	1,397	1,137	9	184	67	460	38	391	31	67	23
New Mexico	253	208	3	31	11	106	12	88	7	18	5
New York	2,845	2,317	22	350	155	1,044	121	842	82	184	57
North Carolina	1,361	1,138	18	149	56	334	27	282	26	55	13
North Dakota	111	89	2	16	5	50	5	42	3	(³)	(³)
Ohio	1,846	1,515	17	210	104	723	46	624	53	73	35
Oklahoma	540	442	6	68	24	176	14	148	14	(³)	(³)
Oregon	506	403	8	71	24	241	23	199	19	32	11
Pennsylvania	1,868	1,531	15	233	88	797	79	671	47	87	38
Rhode Island	162	122	1	29	10	65	5	55	5	(³)	(³)
South Carolina	714	607	10	63	33	201	15	174	12	(³)	(³)
South Dakota	125	101	1	17	6	56	3	49	4	(³)	(³)
Tennessee	966	793	11	116	46	289	24	241	24	(³)	(³)
Texas	3,324	2,738	44	396	146	950	93	790	67	187	60
Utah	306	245	4	43	13	157	8	140	10	(³)	(³)
Vermont	99	79	1	14	5	54	5	45	4	(³)	(³)
Virginia	1,192	969	15	152	56	361	29	306	26	(³)	(³)
Washington	911	727	13	133	39	401	35	330	35	(³)	(³)
West Virginia	252	198	3	34	17	94	12	75	7	14	6
Wisconsin	929	751	14	119	44	413	26	359	28	(³)	(³)
Wyoming	76	61	1	9	4	36	4	29	2	4	2

See footnotes at end of table.

Table 13. States: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and State	Employed ¹								Unemployed		
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work	
	Total	At work			Not at work	Total	At work ²				Not at work
		35 hours or more	1 to 34 hours				Part time for economic reasons	Part time for noneconomic reasons			
		Economic reasons	Noneconomic reasons								
Both sexes, 16 to 19 years											
Alabama	38	30	1	6	1	82	4	75	3	(3)	(3)
Alaska	6	5	(4)	1	(4)	9	2	7	1	(3)	(3)
Arizona	54	45	1	6	2	75	3	69	2	(3)	(3)
Arkansas	23	19	1	3	1	37	2	33	2	(3)	(3)
California	235	204	7	21	3	465	44	408	13	74	86
Colorado	41	32	1	6	1	70	4	63	3	(3)	(3)
Connecticut	17	14	1	2	(4)	61	5	54	2	(3)	(3)
Delaware	11	9	(4)	2	(4)	13	2	11	1	(3)	(3)
District of Columbia	2	2	(4)	(4)	(4)	4	1	3	(4)	(3)	(3)
Florida	135	113	3	13	5	208	17	180	10	(3)	(3)
Georgia	61	53	2	4	2	123	6	111	6	(3)	(3)
Hawaii	3	2	(4)	(4)	(4)	13	2	10	1	(3)	(3)
Idaho	15	13	1	1	(4)	33	3	28	1	(3)	(3)
Illinois	101	85	3	11	3	237	11	216	10	(3)	(3)
Indiana	61	49	2	9	2	124	6	114	4	(3)	(3)
Iowa	30	23	1	6	1	72	4	65	2	(3)	(3)
Kansas	36	28	2	6	1	63	4	56	3	(3)	(3)
Kentucky	37	32	1	4	1	62	6	53	4	(3)	(3)
Louisiana	42	31	2	6	2	59	6	51	2	(3)	(3)
Maine	9	8	(4)	1	(4)	24	2	21	1	(3)	(3)
Maryland	45	38	1	5	1	68	5	58	4	(3)	(3)
Massachusetts	39	32	(4)	6	1	119	6	108	5	(3)	(3)
Michigan	100	84	2	12	2	228	10	208	11	(3)	(3)
Minnesota	45	38	1	5	(4)	132	4	122	5	(3)	(3)
Mississippi	22	18	1	3	(4)	32	2	28	1	(3)	(3)
Missouri	66	53	1	11	1	122	6	112	4	(3)	(3)
Montana	10	8	1	1	(4)	20	2	17	1	(3)	(3)
Nebraska	22	19	(4)	2	(4)	51	2	47	2	(3)	(3)
Nevada	20	16	1	3	(4)	25	3	22	1	(3)	(3)
New Hampshire	9	7	(4)	1	(4)	27	2	25	1	(3)	(3)
New Jersey	55	44	1	8	2	126	7	115	4	(3)	(3)
New Mexico	14	11	1	2	(4)	27	3	22	2	(3)	(3)
New York	95	79	2	8	5	250	14	225	11	35	44
North Carolina	67	56	2	8	1	114	7	102	5	(3)	(3)
North Dakota	8	6	(4)	1	(4)	18	1	16	1	(3)	(3)
Ohio	85	67	3	12	3	230	9	211	10	21	31
Oklahoma	34	27	1	5	1	55	2	49	3	(3)	(3)
Oregon	36	29	2	4	1	62	7	53	3	(3)	(3)
Pennsylvania	84	71	2	9	2	213	14	189	11	(3)	(3)
Rhode Island	6	5	(4)	1	(4)	18	2	15	1	(3)	(3)
South Carolina	29	25	1	2	(4)	69	3	60	5	(3)	(3)
South Dakota	14	10	(4)	2	2	20	1	18	1	(3)	(3)
Tennessee	56	48	1	7	1	89	6	79	4	(3)	(3)
Texas	187	154	8	22	3	327	20	294	13	65	62
Utah	36	28	1	6	1	66	3	60	2	(3)	(3)
Vermont	5	4	(4)	1	(4)	13	1	11	1	(3)	(3)
Virginia	47	37	2	6	3	114	7	104	3	(3)	(3)
Washington	53	41	2	8	3	99	8	87	4	(3)	(3)
West Virginia	10	9	(4)	1	(4)	26	3	22	1	(3)	(3)
Wisconsin	58	49	2	5	2	130	7	117	7	(3)	(3)
Wyoming	7	5	(4)	1	(4)	13	1	12	(4)	(3)	(3)

See footnotes at end of table.

Table 13. States: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and State	Employed ¹								Unemployed		
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work	
	Total	At work		Not at work	Total	At work ²		Not at work			
		35 hours or more	1 to 34 hours			Part time for economic reasons	Part time for noneconomic reasons				
		Economic reasons	Noneconomic reasons								
White											
Alabama	1,297	1,102	16	138	40	266	17	233	17	(³)	(³)
Alaska	203	165	3	22	13	43	6	33	4	11	2
Arizona	1,659	1,426	18	167	48	350	39	288	24	63	23
Arkansas	810	692	16	77	25	162	12	139	10	33	6
California	9,989	8,474	173	967	375	2,405	366	1,891	148	598	152
Colorado	1,668	1,403	21	188	56	363	23	314	25	55	23
Connecticut	1,170	994	6	119	52	282	27	237	18	(³)	(³)
Delaware	241	205	2	25	8	52	5	44	4	(³)	(³)
District of Columbia	90	76	1	10	3	12	1	10	1	3	1
Florida	4,873	4,223	57	415	178	890	89	733	67	182	40
Georgia	2,245	1,926	27	210	81	413	28	358	28	(³)	(³)
Hawaii	112	93	1	13	5	33	6	23	4	(³)	(³)
Idaho	476	398	11	50	18	129	15	106	8	24	8
Illinois	4,096	3,464	38	433	161	916	64	786	66	155	40
Indiana	2,264	1,930	22	230	82	502	31	438	33	(³)	(³)
Iowa	1,188	1,008	14	126	40	289	19	253	17	(³)	(³)
Kansas	993	836	12	112	33	243	17	212	14	32	11
Kentucky	1,439	1,208	19	151	61	272	30	219	23	62	16
Louisiana	1,146	964	17	121	44	218	23	180	16	44	10
Maine	488	399	10	59	20	128	15	105	8	20	8
Maryland	1,572	1,332	13	173	53	282	25	237	21	(³)	(³)
Massachusetts	2,339	1,950	18	278	95	618	42	538	39	74	21
Michigan	3,356	2,884	40	299	133	838	71	715	52	103	38
Minnesota	1,923	1,618	21	223	61	549	35	478	36	(³)	(³)
Mississippi	693	600	10	58	25	100	8	87	6	(³)	(³)
Missouri	2,050	1,711	24	242	74	424	31	368	26	76	15
Montana	314	259	7	35	14	101	14	80	7	16	6
Nebraska	675	577	8	71	19	171	10	151	10	(³)	(³)
Nevada	654	572	9	50	23	115	12	96	7	25	7
New Hampshire	492	413	4	56	19	123	9	106	8	(³)	(³)
New Jersey	2,634	2,236	21	275	102	556	44	475	37	100	33
New Mexico	546	462	8	57	19	142	20	111	11	37	8
New York	5,412	4,565	47	549	251	1,272	144	1,033	95	247	73
North Carolina	2,386	2,060	29	221	76	403	27	346	30	54	16
North Dakota	255	216	4	27	8	69	7	57	5	(³)	(³)
Ohio	3,880	3,319	37	358	167	927	70	794	64	140	48
Oklahoma	1,092	922	13	120	38	225	18	191	16	38	10
Oregon	1,214	1,010	21	132	50	324	42	259	23	71	19
Pennsylvania	4,101	3,477	39	429	156	1,018	104	857	57	161	56
Rhode Island	356	285	4	50	18	86	9	71	7	15	5
South Carolina	1,189	1,048	14	85	42	218	12	193	14	(³)	(³)
South Dakota	287	243	3	30	11	79	4	69	6	(³)	(³)
Tennessee	1,816	1,534	23	186	73	361	29	305	27	70	14
Texas	6,960	5,964	96	667	232	1,234	129	1,025	80	280	76
Utah	757	633	9	88	27	225	11	200	14	27	11
Vermont	241	200	3	27	11	72	8	60	5	(³)	(³)
Virginia	2,202	1,854	20	244	84	417	28	361	28	(³)	(³)
Washington	2,094	1,721	38	247	88	541	55	442	45	96	30
West Virginia	591	488	8	65	31	131	21	100	10	40	10
Wisconsin	2,131	1,809	27	210	85	552	42	476	35	(³)	(³)
Wyoming	187	159	3	17	8	51	6	42	3	9	3

See footnotes at end of table.

Table 13. States: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and State	Employed ¹								Unemployed		
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work	
	Total	At work		Not at work	Total	At work ²		Not at work			
		35 hours or more	1 to 34 hours			Part time for economic reasons	Part time for noneconomic reasons				
		Economic reasons	Noneconomic reasons								
Black											
Alabama	395	320	7	50	18	79	18	57	3	(3)	(3)
Alaska	8	6	(4)	1	1	2	(4)	1	(4)	(3)	(3)
Arizona	65	57	(4)	7	2	10	1	9	(4)	(3)	(3)
Arkansas	136	110	5	15	6	22	6	15	1	23	4
California	846	704	9	98	35	141	27	107	7	97	15
Colorado	47	41	1	4	1	11	1	9	1	(3)	(3)
Connecticut	145	117	1	21	6	29	10	18	1	(3)	(3)
Delaware	64	53	1	7	3	11	3	7	(4)	(3)	(3)
District of Columbia	117	99	1	14	3	18	5	12	1	18	1
Florida	842	734	10	69	28	144	31	105	7	68	11
Georgia	999	856	14	99	30	138	19	110	9	83	18
Hawaii	6	6	(4)	(4)	(4)	2	(4)	2	(4)	(3)	(3)
Illinois	604	525	6	52	21	115	27	81	7	64	11
Indiana	157	127	1	23	7	33	4	27	2	(3)	(3)
Iowa	14	11	1	2	1	7	1	5	(4)	(3)	(3)
Kansas	63	54	1	7	2	15	2	12	1	(3)	(3)
Kentucky	86	73	1	9	3	20	3	15	2	(3)	(3)
Louisiana	465	391	10	42	22	71	20	47	4	54	9
Maryland	605	487	6	85	27	65	13	46	6	(3)	(3)
Massachusetts	116	98	1	11	6	18	2	15	1	(3)	(3)
Michigan	427	360	8	40	19	98	19	72	7	(3)	(3)
Minnesota	50	39	1	7	2	15	3	11	1	(3)	(3)
Mississippi	339	285	7	32	16	55	14	38	3	36	7
Missouri	192	165	3	20	4	34	6	26	2	(3)	(3)
Nebraska	23	19	(4)	3	1	3	(4)	2	(4)	(3)	(3)
Nevada	49	43	(4)	4	1	7	2	5	(4)	(3)	(3)
New Hampshire	4	3	(4)	1	(4)	2	(4)	2	(4)	(3)	(3)
New Jersey	487	408	3	54	21	79	21	55	3	46	7
New Mexico	12	11	(4)	1	1	3	1	2	(4)	(3)	(3)
New York	1,019	878	7	97	37	189	55	125	9	132	24
North Carolina	662	563	13	66	20	95	18	75	3	(3)	(3)
Ohio	452	377	8	48	20	87	12	71	4	(3)	(3)
Oklahoma	102	86	2	10	4	24	5	17	2	(3)	(3)
Oregon	25	18	(4)	6	1	8	1	6	1	(3)	(3)
Pennsylvania	350	292	3	41	14	70	20	46	4	44	8
Rhode Island	16	13	(4)	3	1	6	1	5	(4)	(3)	(3)
South Carolina	393	336	9	33	15	71	13	55	4	(3)	(3)
South Dakota	1	1	(4)	(4)	(4)	0	(4)	(4)	(4)	(3)	(3)
Tennessee	388	327	5	43	14	58	9	47	2	(3)	(3)
Texas	945	798	12	99	36	153	31	113	9	91	26
Utah	5	4	(4)	1	(4)	2	(4)	2	(4)	(3)	(3)
Virginia	552	464	8	58	22	90	20	66	4	(3)	(3)
Washington	63	54	1	7	2	10	(4)	10	(4)	(3)	(3)
West Virginia	15	11	(4)	3	1	5	(4)	4	(4)	(3)	(3)
Wisconsin	86	70	(4)	13	4	14	2	10	2	(3)	(3)
Wyoming	2	2	(4)	(4)	(4)	0	(4)	(4)	(4)	(3)	(3)

See footnotes at end of table.

Table 13. States: Employed and unemployed persons by full- and part-time status, sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(In thousands)

Population group and State	Employed ¹								Unemployed		
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work	
	Total	At work		Not at work	Total	At work ²		Not at work			
		35 hours or more	1 to 34 hours			Part time for economic reasons	Part time for noneconomic reasons				
	Economic reasons	Noneconomic reasons									
Hispanic origin											
Alabama	17	15	(4)	1	1	3	1	2	(4)	(3)	(3)
Alaska	6	5	(4)	(4)	(4)	2	(4)	1	(4)	(3)	(3)
Arizona	464	407	6	42	9	70	15	52	4	(3)	(3)
Arkansas	16	15	(4)	1	(4)	1	(4)	1	(4)	(3)	(3)
California	3,437	2,951	82	294	110	693	196	469	28	314	71
Colorado	240	197	4	31	8	41	7	33	2	(3)	(3)
Connecticut	106	92	1	10	3	26	8	17	(4)	(3)	(3)
Delaware	12	10	(4)	1	1	2	(4)	1	(4)	(3)	(3)
District of Columbia	13	12	(4)	1	(4)	2	(4)	2	(4)	(3)	(3)
Florida	1,011	884	14	81	32	147	26	113	8	66	7
Georgia	83	73	1	7	3	17	2	14	1	(3)	(3)
Hawaii	12	10	(4)	1	(4)	4	2	2	(4)	(3)	(3)
Idaho	50	41	3	3	2	8	3	5	(4)	(3)	(3)
Illinois	474	414	7	40	14	55	9	43	3	(3)	(3)
Indiana	53	47	(4)	3	2	10	2	7	1	(3)	(3)
Iowa	29	24	1	3	1	5	1	4	(4)	(3)	(3)
Kansas	48	39	1	7	2	9	1	8	(4)	(3)	(3)
Kentucky	14	13	(4)	(4)	(4)	2	(4)	1	(4)	(3)	(3)
Louisiana	41	35	1	4	1	6	1	4	1	(3)	(3)
Maryland	100	85	2	12	1	16	3	12	1	(3)	(3)
Massachusetts	107	91	1	11	4	22	5	16	1	(3)	(3)
Michigan	121	107	2	9	3	22	3	17	1	(3)	(3)
Minnesota	50	46	(4)	3	1	7	2	5	(4)	(3)	(3)
Mississippi	13	10	1	1	1	1	(4)	1	(4)	(3)	(3)
Missouri	31	26	(4)	4	1	3	1	2	(4)	(3)	(3)
Montana	6	6	(4)	(4)	(4)	2	(4)	2	(4)	(3)	(3)
Nebraska	25	22	(4)	2	(4)	5	1	3	(4)	(3)	(3)
Nevada	114	101	2	7	3	15	4	10	1	(3)	(3)
New Hampshire	7	6	(4)	(4)	(4)	1	(4)	1	(4)	(3)	(3)
New Jersey	379	329	3	38	10	58	10	43	4	(3)	(3)
New Mexico	225	189	4	24	8	64	13	47	4	24	4
New York	945	822	12	80	32	156	36	112	8	94	14
North Carolina	99	85	3	8	2	9	3	5	1	(3)	(3)
North Dakota	1	1	(4)	(4)	(4)	1	(4)	1	(4)	(3)	(3)
Ohio	64	53	(4)	6	4	8	1	6	(4)	(3)	(3)
Oklahoma	41	35	1	5	1	7	1	6	(4)	(3)	(3)
Oregon	99	84	4	8	3	26	8	17	1	(3)	(3)
Pennsylvania	101	82	2	14	3	15	5	9	(4)	(3)	(3)
Rhode Island	24	20	(4)	3	1	2	1	2	(4)	(3)	(3)
South Carolina	12	12	(4)	(4)	(4)	2	(4)	2	(4)	(3)	(3)
South Dakota	4	3	(4)	1	(4)	1	(4)	1	(4)	(3)	(3)
Tennessee	17	14	(4)	2	1	2	(4)	2	(4)	(3)	(3)
Texas	2,300	1,966	48	208	78	396	66	310	20	146	39
Utah	55	46	2	5	1	7	1	5	(4)	(3)	(3)
Vermont	1	1	(4)	(4)	(4)	1	(4)	1	(4)	(3)	(3)
Virginia	89	73	1	12	4	16	3	14	(4)	(3)	(3)
Washington	114	92	4	15	3	13	4	8	1	(3)	(3)
Wisconsin	42	35	1	3	2	7	(4)	6	(4)	(3)	(3)
Wyoming	9	7	(4)	1	1	2	(4)	1	(4)	(3)	(3)

¹ Employed persons are classified as full- or part-time workers based on their usual weekly hours at all jobs regardless of the number of hours they are at work during the reference week. Persons absent from work are classified according to their usual status.

² Includes some persons at work 35 hours or more classified by their reason for working part time.

³ Data are not shown when the labor force base does not meet BLS

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

⁴ Less than 500 persons

NOTE: Items may not add to totals because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 14. States: Employment status of the experienced¹ civilian labor force by occupation, 1998 annual averages

(Numbers in thousands)

Employment status and State	Total	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
CIVILIAN LABOR FORCE												
Alabama	2,144	261	270	68	311	290	239	272	189	94	94	55
Alaska	316	49	48	11	39	44	44	36	7	16	13	10
Arizona	2,266	322	321	76	298	328	341	255	90	72	83	80
Arkansas	1,208	131	141	36	137	154	182	136	114	63	68	47
California	16,232	2,438	2,527	510	1,963	2,201	2,241	1,662	859	560	661	606
Colorado	2,241	388	406	82	296	293	262	251	61	69	89	(²)
Connecticut	1,703	285	290	(²)	204	249	221	188	93	(²)	(²)	(²)
Delaware	392	60	59	14	39	64	57	43	19	16	14	(²)
District of Columbia	265	52	65	12	22	40	46	9	(²)	8	7	(²)
Florida	7,207	1,033	975	240	1,021	1,059	1,114	784	232	279	284	185
Georgia	4,002	606	506	114	470	544	487	460	337	215	177	86
Hawaii	593	73	76	15	81	96	117	54	16	17	21	28
Idaho	651	74	83	19	69	79	94	79	42	34	35	43
Illinois	6,206	920	910	184	792	901	832	617	410	265	267	107
Indiana	3,084	403	369	(²)	339	442	381	364	326	145	165	(²)
Iowa	1,568	174	206	(²)	195	206	218	179	100	71	68	92
Kansas	1,409	192	203	45	166	195	188	154	89	53	60	63
Kentucky	1,916	252	271	56	219	259	264	230	136	95	84	50
Louisiana	2,044	254	278	65	236	295	313	226	107	124	95	51
Maine	649	82	91	(²)	79	88	85	87	46	28	23	26
Maryland	2,748	488	548	110	295	395	357	272	79	79	82	(²)
Massachusetts	3,267	521	582	99	371	462	471	349	159	97	112	(²)
Michigan	5,014	648	695	156	572	658	688	619	451	205	218	102
Minnesota	2,679	433	430	(²)	294	346	350	286	154	(²)	(²)	108
Mississippi	1,260	133	187	37	134	156	178	156	117	68	51	42
Missouri	2,849	392	430	85	358	429	318	322	172	129	120	90
Montana	466	58	65	11	54	60	76	50	13	22	20	37
Nebraska	915	104	118	(²)	113	134	124	82	51	37	36	83
Nevada	918	129	98	22	119	119	211	108	25	40	33	(²)
New Hampshire	652	99	108	(²)	78	88	80	72	47	(²)	(²)	(²)
New Jersey	4,136	656	668	144	530	645	557	376	202	163	152	44
New Mexico	826	111	130	30	92	103	126	102	28	39	33	31
New York	8,828	1,248	1,410	269	1,092	1,345	1,480	806	415	334	313	115
North Carolina	3,786	484	501	127	471	457	446	499	372	159	162	108
North Dakota	346	39	42	(²)	42	44	54	33	13	16	12	41
Ohio	5,658	766	784	190	653	750	810	625	440	271	251	118
Oklahoma	1,623	205	230	50	185	234	223	189	104	74	72	58
Oregon	1,758	241	249	38	216	234	260	186	115	72	67	81
Pennsylvania	5,909	798	891	195	680	864	831	624	382	248	269	125
Rhode Island	496	67	77	19	63	67	72	52	41	15	18	(²)
South Carolina	1,953	222	262	63	240	234	266	254	202	87	84	(²)
South Dakota	397	44	50	(²)	48	48	65	42	26	(²)	15	36
Tennessee	2,752	390	319	98	322	391	344	330	228	133	128	69
Texas	10,069	1,363	1,455	315	1,229	1,418	1,424	1,190	491	445	425	314
Utah	1,060	140	165	33	146	165	123	118	58	35	52	(²)
Vermont	330	44	53	(²)	39	47	42	41	19	14	(²)	12
Virginia	3,476	562	609	112	408	472	447	394	171	121	122	(²)
Washington	3,031	471	489	115	358	375	392	304	140	140	131	115
West Virginia	793	84	111	30	103	110	118	95	41	51	35	14
Wisconsin	2,946	401	406	(²)	307	429	380	355	252	129	135	(²)
Wyoming	257	31	31	6	27	32	40	35	8	18	10	19

See footnotes at end of table.

Table 14. States: Employment status of the experienced¹ civilian labor force by occupation, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and State	Total	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
EMPLOYED												
Alabama	2,062	259	268	66	296	282	224	261	174	90	88	53
Alaska	299	48	47	11	37	42	40	34	6	14	11	8
Arizona	2,178	316	315	75	284	315	323	247	85	69	76	73
Arkansas	1,148	129	139	36	131	148	168	130	105	59	60	44
California	15,361	2,388	2,459	493	1,850	2,099	2,074	1,560	785	524	588	542
Colorado	2,159	380	395	81	284	281	244	244	57	66	86	(²)
Connecticut	1,652	281	288	(²)	199	243	208	183	90	(²)	(²)	(²)
Delaware	377	59	58	13	37	62	55	41	18	15	13	(²)
District of Columbia	244	50	63	11	19	37	40	8	(²)	7	5	(²)
Florida	6,918	1,011	961	232	978	1,025	1,051	753	215	263	256	172
Georgia	3,852	595	495	112	452	531	454	448	321	202	165	77
Hawaii	560	72	74	14	77	90	110	48	15	15	19	25
Idaho	620	73	81	18	66	75	89	75	39	32	32	40
Illinois	5,946	899	895	182	751	871	776	595	385	254	238	100
Indiana	2,993	398	367	(²)	325	434	361	354	314	139	153	(²)
Iowa	1,526	171	203	(²)	188	202	209	176	96	69	65	90
Kansas	1,357	189	199	44	161	188	177	149	83	52	55	61
Kentucky	1,835	249	265	55	210	251	246	215	131	91	76	46
Louisiana	1,945	249	272	65	223	287	288	215	99	119	83	46
Maine	622	80	89	(²)	75	85	81	84	43	27	21	25
Maryland	2,631	482	537	107	279	375	327	262	71	77	71	(²)
Massachusetts	3,164	512	572	97	360	448	453	337	151	91	103	(²)
Michigan	4,835	638	688	154	553	642	648	597	428	194	199	96
Minnesota	2,613	429	425	(²)	285	339	337	280	150	(²)	(²)	103
Mississippi	1,200	131	186	37	127	150	160	147	110	66	47	41
Missouri	2,738	386	425	84	342	419	294	308	162	125	107	87
Montana	442	58	63	11	52	57	69	47	12	20	18	35
Nebraska	892	104	116	(²)	109	132	119	80	48	36	34	82
Nevada	880	127	96	22	112	116	199	104	24	38	30	(²)
New Hampshire	633	98	106	(²)	76	86	76	69	46	(²)	(²)	(²)
New Jersey	3,963	648	653	141	509	608	524	359	190	155	136	41
New Mexico	780	108	127	30	87	100	115	95	26	37	28	28
New York	8,372	1,219	1,379	262	1,027	1,269	1,371	758	389	316	279	101
North Carolina	3,663	478	494	127	455	445	419	485	351	153	152	104
North Dakota	336	38	41	(²)	41	42	53	32	13	15	11	40
Ohio	5,437	754	770	188	632	731	764	594	414	259	224	107
Oklahoma	1,554	199	226	48	178	225	207	179	97	72	66	56
Oregon	1,664	235	241	35	203	224	240	176	107	67	59	77
Pennsylvania	5,661	782	875	191	655	837	775	593	358	231	245	119
Rhode Island	474	65	76	18	60	65	68	50	38	13	16	(²)
South Carolina	1,884	219	259	63	228	227	251	247	192	84	75	(²)
South Dakota	386	44	49	(²)	46	47	63	40	25	(²)	14	36
Tennessee	2,644	382	315	96	309	372	320	321	220	129	114	66
Texas	9,631	1,336	1,424	307	1,167	1,352	1,331	1,146	458	423	388	298
Utah	1,023	137	161	32	142	159	116	115	55	34	48	(²)
Vermont	319	43	53	(²)	38	46	40	40	18	13	(²)	11
Virginia	3,386	556	598	111	393	458	428	385	167	119	115	(²)
Washington	2,895	464	480	109	342	357	367	294	126	132	118	107
West Virginia	747	82	109	29	98	106	109	87	38	46	30	13
Wisconsin	2,853	396	402	(²)	293	417	363	344	243	122	124	(²)
Wyoming	246	31	30	6	27	31	37	33	7	17	9	18

See footnotes at end of table.

Table 14. States: Employment status of the experienced¹ civilian labor force by occupation, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and State	Total	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
UNEMPLOYED												
Alabama	82	2	2	2	15	8	15	11	15	3	7	2
Alaska	18	1	1	(³) 2	2	2	3	2	1	2	2	1
Arizona	88	6	6	2	14	13	18	8	5	3	6	7
Arkansas	60	2	2	1	6	6	13	6	9	4	8	3
California	871	51	68	17	113	102	167	102	74	36	74	64
Colorado	81	8	11	1	12	12	18	7	4	3	3	(²)
Connecticut	51	5	2	(²) 4	4	6	13	6	3	(²)	(²)	(²)
Delaware	14	1	1	(³) 2	2	2	2	1	1	1	1	(²)
District of Columbia	22	2	2	1	3	4	6	1	(²) 1	1	1	(²)
Florida	289	21	14	8	43	34	63	31	16	16	27	13
Georgia	150	11	10	2	18	13	33	12	16	13	12	9
Hawaii	33	1	2	(³) 4	4	6	7	6	1	1	2	3
Idaho	31	1	2	1	3	3	6	4	3	2	3	3
Illinois	260	20	16	1	41	30	56	22	25	11	29	7
Indiana	92	5	2	(²) 13	8	8	20	10	11	6	13	(²)
Iowa	42	3	2	(²) 7	4	4	9	4	4	2	3	2
Kansas	52	3	4	1	6	7	11	6	6	1	5	2
Kentucky	81	4	6	(³) 9	8	8	18	15	5	4	8	3
Louisiana	99	5	6	1	13	8	24	11	8	5	12	4
Maine	27	2	2	(²) 4	4	3	4	4	3	1	2	2
Maryland	118	6	11	3	15	20	30	10	8	3	11	(²)
Massachusetts	103	8	11	2	11	14	18	12	8	6	9	(²)
Michigan	179	10	8	3	19	16	40	23	23	10	19	7
Minnesota	65	4	5	(²) 8	7	7	13	7	4	(²)	(²)	5
Mississippi	59	2	1	(³) 6	6	6	19	9	7	3	5	2
Missouri	110	5	6	1	16	10	24	15	11	4	13	3
Montana	25	1	2	(³) 2	3	3	7	3	1	2	2	2
Nebraska	23	1	1	(²) 4	2	5	1	3	1	3	1	1
Nevada	37	3	2	(³) 6	4	4	12	4	1	2	3	(²)
New Hampshire	19	1	2	(²) 2	2	2	4	3	2	(²)	(²)	(²)
New Jersey	173	8	15	3	21	37	33	17	12	8	16	3
New Mexico	47	3	3	1	5	4	11	7	2	2	5	3
New York	456	29	31	7	65	76	109	48	25	18	33	14
North Carolina	123	6	7	1	16	12	27	14	21	6	10	4
North Dakota	10	1	1	(²) 1	1	1	2	2	(³) 1	1	1	1
Ohio	222	13	14	2	21	19	46	31	26	12	27	11
Oklahoma	69	5	4	2	8	10	16	10	6	2	6	1
Oregon	95	6	8	3	14	10	20	10	8	6	8	4
Pennsylvania	248	16	17	4	26	27	55	31	24	17	24	6
Rhode Island	22	2	1	1	3	2	5	2	3	2	1	(²)
South Carolina	69	3	3	(³) 11	6	6	15	7	11	3	9	(²)
South Dakota	11	1	1	(²) 1	1	1	2	2	1	(²)	1	1
Tennessee	108	7	4	2	13	19	24	9	8	4	14	3
Texas	438	26	30	7	62	66	93	45	33	22	36	16
Utah	38	3	4	1	5	6	7	3	3	1	4	(²)
Vermont	11	1	1	(²) 2	2	1	2	1	1	1	(²)	1
Virginia	90	5	11	2	15	14	19	9	3	3	7	(²)
Washington	136	8	9	6	16	18	25	11	14	8	14	8
West Virginia	46	2	3	1	5	4	9	8	3	5	5	2
Wisconsin	94	5	4	(²) 14	12	17	11	9	7	11	11	(²)
Wyoming	12	(³)	1	(³) 1	1	1	4	2	1	1	1	1

See footnotes at end of table.

Table 14. States: Employment status of the experienced¹ civilian labor force by occupation, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and State	Total	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
UNEMPLOYMENT RATE												
Alabama	3.8	.7	.7	3.3	4.9	2.8	6.3	3.9	7.6	3.3	6.9	3.7
Alaska	5.5	1.9	2.3	4.0	5.6	5.4	7.2	6.1	12.5	9.5	12.3	13.2
Arizona	3.9	1.8	1.9	2.1	4.6	4.1	5.4	3.3	5.5	3.7	7.8	8.6
Arkansas	5.0	1.3	1.7	1.8	4.5	3.7	7.3	4.7	7.8	5.9	11.8	7.0
California	5.4	2.1	2.7	3.4	5.8	4.6	7.5	6.1	8.6	6.4	11.2	10.7
Colorado	3.6	2.0	2.7	1.4	4.0	4.2	6.8	2.8	6.4	4.0	3.6	(²)
Connecticut	3.0	1.6	.7	(²)	2.1	2.4	6.0	3.1	3.7	(²)	(²)	(²)
Delaware	3.7	1.3	1.7	3.6	5.6	3.0	4.2	3.5	6.2	5.2	8.6	(²)
District of Columbia	8.3	3.8	3.6	6.6	11.9	9.4	13.1	16.1	(²)	9.9	21.8	(²)
Florida	4.0	2.1	1.5	3.2	4.2	3.3	5.7	4.0	7.1	5.6	9.7	7.0
Georgia	3.7	1.8	2.0	1.9	3.8	2.4	6.8	2.6	4.7	6.0	7.0	10.7
Hawaii	5.7	1.7	2.6	3.1	4.8	6.2	5.8	11.2	4.6	8.4	8.9	10.2
Idaho	4.8	1.3	2.3	4.2	4.5	4.2	6.2	5.0	7.2	5.3	9.8	6.7
Illinois	4.2	2.2	1.7	.8	5.3	3.4	6.8	3.6	6.2	4.1	11.0	6.7
Indiana	3.0	1.3	.6	(²)	4.0	1.8	5.2	2.8	3.5	3.8	7.6	(²)
Iowa	2.7	1.7	1.1	(²)	3.6	2.1	4.1	2.0	3.8	3.5	4.5	2.2
Kansas	3.7	1.7	2.0	2.5	3.4	3.8	5.8	3.7	7.0	1.6	8.2	3.4
Kentucky	4.2	1.5	2.3	.8	4.0	2.9	6.8	6.3	3.9	4.1	9.5	6.7
Louisiana	4.8	2.1	2.1	.8	5.5	2.6	7.8	4.9	7.6	4.0	12.9	8.5
Maine	4.2	2.5	2.1	(²)	5.1	3.6	4.9	4.3	6.9	3.1	9.0	6.3
Maryland	4.3	1.2	2.0	2.7	5.2	5.0	8.4	3.6	9.7	3.2	13.3	(²)
Massachusetts	3.2	1.6	1.9	1.8	3.1	3.1	3.8	3.3	5.0	6.0	8.0	(²)
Michigan	3.5	1.5	1.1	1.6	3.2	2.4	5.8	3.6	5.0	5.1	8.7	6.5
Minnesota	2.4	.9	1.2	(²)	2.8	2.1	3.7	2.3	2.8	(²)	(²)	4.3
Mississippi	4.7	1.4	.6	.7	4.7	4.0	10.4	5.5	5.7	4.0	9.0	4.2
Missouri	3.9	1.4	1.4	1.2	4.6	2.4	7.6	4.6	6.2	3.4	10.9	3.6
Montana	5.3	1.2	2.5	2.1	3.4	4.9	9.4	6.8	9.9	8.8	9.9	5.1
Nebraska	2.5	.7	1.2	(²)	3.3	1.8	4.4	1.7	5.2	2.7	7.4	1.4
Nevada	4.1	2.1	1.9	1.6	5.4	3.2	5.5	3.5	4.5	4.5	10.4	(²)
New Hampshire	2.9	1.5	2.1	(²)	2.7	1.9	5.0	3.5	3.3	(²)	(²)	(²)
New Jersey	4.2	1.2	2.3	2.2	4.0	5.8	5.9	4.5	6.0	4.9	10.4	7.0
New Mexico	5.6	2.4	2.2	2.9	5.3	3.5	8.8	7.1	8.6	5.1	15.1	10.4
New York	5.2	2.3	2.2	2.7	6.0	5.7	7.4	6.0	6.2	5.5	10.8	12.0
North Carolina	3.2	1.2	1.3	.7	3.4	2.6	6.0	2.7	5.6	3.5	6.3	3.3
North Dakota	3.0	1.4	1.5	(²)	2.5	3.2	3.4	5.4	3.6	6.8	5.6	1.5
Ohio	3.9	1.6	1.7	1.2	3.3	2.5	5.6	4.9	5.9	4.3	10.9	9.5
Oklahoma	4.3	2.7	1.8	3.2	4.1	4.2	7.0	5.2	6.0	2.8	8.1	2.1
Oregon	5.3	2.5	3.1	8.0	6.3	4.1	7.5	5.3	7.2	7.6	11.3	4.6
Pennsylvania	4.2	2.0	1.9	2.0	3.8	3.2	6.6	5.0	6.4	6.8	8.9	4.7
Rhode Island	4.4	2.7	1.0	3.6	4.5	3.7	6.4	3.0	8.4	12.8	7.7	(²)
South Carolina	3.6	1.3	1.0	(³)	4.7	2.8	5.5	2.9	5.4	3.0	10.7	(²)
South Dakota	2.6	1.2	1.7	(²)	2.7	2.4	3.0	4.0	3.5	(²)	7.5	1.8
Tennessee	3.9	1.9	1.3	2.2	3.9	4.8	7.0	2.7	3.7	2.7	10.8	3.9
Texas	4.4	1.9	2.1	2.3	5.0	4.6	6.5	3.8	6.7	5.0	8.6	5.1
Utah	3.5	2.2	2.6	3.0	3.2	3.5	5.5	2.3	5.1	2.3	7.8	(²)
Vermont	3.3	2.0	1.2	(²)	4.8	2.2	4.9	2.3	4.6	6.1	(²)	5.6
Virginia	2.6	1.0	1.8	1.4	3.7	2.9	4.2	2.3	1.9	2.3	6.0	(²)
Washington	4.5	1.6	1.8	5.2	4.5	4.9	6.3	3.5	10.0	5.7	10.5	7.0
West Virginia	5.8	2.1	2.4	2.5	4.7	3.7	7.9	8.0	8.2	9.7	14.4	11.5
Wisconsin	3.2	1.3	1.0	(²)	4.5	2.7	4.5	3.0	3.7	5.3	8.3	(²)
Wyoming	4.5	.8	1.7	2.4	2.8	2.7	9.2	4.4	7.8	5.2	13.4	4.8

¹ Excludes persons with no previous work experience.

² Data are not shown when the labor force base does not meet BLS publication standards of reliability for the particular area, based on the sample in that area. See appendix B.

³ Less than 500 persons or less than 0.05 percent.

NOTE: Items may not add to totals or compute to displayed rates because of rounding.

Table 15. States: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages

Population group and State	Total employed		Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
	Number (In thousands)	Percent	Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
TOTAL													
Alabama	2,062	100.0	12.6	13.0	3.2	14.4	13.7	10.9	12.7	8.4	4.4	4.3	2.6
Alaska	299	100.0	16.1	15.7	3.7	12.4	14.0	13.4	11.4	2.0	4.7	3.7	2.7
Arizona	2,178	100.0	14.5	14.5	3.4	13.0	14.5	14.8	11.3	3.9	3.2	3.5	3.4
Arkansas	1,148	100.0	11.2	12.1	3.1	11.4	12.9	14.6	11.3	9.1	5.1	5.2	3.8
California	15,361	100.0	15.5	16.0	3.2	12.0	13.7	13.5	10.2	5.1	3.4	3.8	3.5
Colorado	2,159	100.0	17.6	18.3	3.8	13.2	13.0	11.3	11.3	2.6	3.1	4.0	2.0
Connecticut	1,652	100.0	17.0	17.4	2.9	12.0	14.7	12.6	11.1	5.4	2.6	3.1	1.1
Delaware	377	100.0	15.6	15.4	3.4	9.8	16.4	14.6	10.9	4.8	4.0	3.4	1.6
District of Columbia	244	100.0	20.5	25.8	4.5	7.8	15.2	16.4	3.3	1.2	2.9	2.0	.4
Florida	6,918	100.0	14.6	13.9	3.4	14.1	14.8	15.2	10.9	3.1	3.8	3.7	2.5
Georgia	3,852	100.0	15.4	12.9	2.9	11.7	13.8	11.8	11.6	8.3	5.2	4.3	2.0
Hawaii	560	100.0	12.9	13.2	2.5	13.8	16.1	19.6	8.6	2.7	2.7	3.4	4.5
Idaho	620	100.0	11.8	13.1	2.9	10.6	12.1	14.4	12.1	6.3	5.2	5.2	6.5
Illinois	5,946	100.0	15.1	15.1	3.1	12.6	14.6	13.1	10.0	6.5	4.3	4.0	1.7
Indiana	2,993	100.0	13.3	12.3	2.7	10.9	14.5	12.1	11.8	10.5	4.6	5.1	2.2
Iowa	1,526	100.0	11.2	13.3	3.7	12.3	13.2	13.7	11.5	6.3	4.5	4.3	5.9
Kansas	1,357	100.0	13.9	14.7	3.2	11.9	13.9	13.0	11.0	6.1	3.8	4.1	4.5
Kentucky	1,835	100.0	13.6	14.4	3.0	11.4	13.7	13.4	11.7	7.1	5.0	4.1	2.5
Louisiana	1,945	100.0	12.8	14.0	3.3	11.5	14.8	14.8	11.1	5.1	6.1	4.3	2.4
Maine	622	100.0	12.9	14.3	2.4	12.1	13.7	13.0	13.5	6.9	4.3	3.4	4.0
Maryland	2,631	100.0	18.3	20.4	4.1	10.6	14.3	12.4	10.0	2.7	2.9	2.7	1.6
Massachusetts	3,164	100.0	16.2	18.1	3.1	11.4	14.2	14.3	10.7	4.8	2.9	3.3	1.3
Michigan	4,835	100.0	13.2	14.2	3.2	11.4	13.3	13.4	12.3	8.9	4.0	4.1	2.0
Minnesota	2,613	100.0	16.4	16.3	3.6	10.9	13.0	12.9	10.7	5.7	3.6	3.0	3.9
Mississippi	1,200	100.0	10.9	15.5	3.1	10.6	12.5	13.3	12.3	9.2	5.5	3.9	3.4
Missouri	2,738	100.0	14.1	15.5	3.1	12.5	15.3	10.7	11.2	5.9	4.6	3.9	3.2
Montana	442	100.0	13.1	14.3	2.5	11.8	12.9	15.6	10.6	2.7	4.5	4.1	7.9
Nebraska	892	100.0	11.7	13.0	3.5	12.2	14.8	13.3	9.0	5.4	4.0	3.8	9.2
Nevada	880	100.0	14.4	10.9	2.5	12.7	13.2	22.6	11.8	2.7	4.3	3.4	1.5
New Hampshire	633	100.0	15.5	16.7	3.3	12.0	13.6	12.0	10.9	7.3	3.9	3.0	1.7
New Jersey	3,963	100.0	16.4	16.5	3.6	12.8	15.3	13.2	9.1	4.8	3.9	3.4	1.0
New Mexico	780	100.0	13.8	16.3	3.8	11.2	12.8	14.7	12.2	3.3	4.7	3.6	3.6
New York	8,372	100.0	14.6	16.5	3.1	12.3	15.2	16.4	9.1	4.6	3.8	3.3	1.2
North Carolina	3,663	100.0	13.0	13.5	3.5	12.4	12.1	11.4	13.2	9.6	4.2	4.1	2.8
North Dakota	336	100.0	11.3	12.2	3.0	12.2	12.5	15.8	9.5	3.9	4.5	3.3	11.9
Ohio	5,437	100.0	13.9	14.2	3.5	11.6	13.4	14.1	10.9	7.6	4.8	4.1	2.0
Oklahoma	1,554	100.0	12.8	14.5	3.1	11.5	14.5	13.3	11.5	6.2	4.6	4.2	3.6
Oregon	1,664	100.0	14.1	14.5	2.1	12.2	13.5	14.4	10.6	6.4	4.0	3.5	4.6
Pennsylvania	5,661	100.0	13.8	15.5	3.4	11.6	14.8	13.7	10.5	6.3	4.1	4.3	2.1
Rhode Island	474	100.0	13.7	16.0	3.8	12.7	13.7	14.3	10.5	8.0	2.7	3.4	1.1
South Carolina	1,884	100.0	11.6	13.7	3.3	12.1	12.0	13.3	13.1	10.2	4.5	4.0	2.0
South Dakota	386	100.0	11.4	12.7	2.6	11.9	12.2	16.3	10.4	6.5	3.4	3.6	9.3
Tennessee	2,644	100.0	14.4	11.9	3.6	11.7	14.1	12.1	12.1	8.3	4.9	4.3	2.5
Texas	9,631	100.0	13.9	14.8	3.2	12.1	14.0	13.8	11.9	4.8	4.4	4.0	3.1
Utah	1,023	100.0	13.4	15.7	3.1	13.9	15.5	11.3	11.2	5.4	3.3	4.7	2.4
Vermont	319	100.0	13.5	16.6	2.5	11.9	14.4	12.5	12.5	5.6	4.1	2.5	3.4
Virginia	3,386	100.0	16.4	17.7	3.3	11.6	13.5	12.6	11.4	4.9	3.5	3.4	1.6
Washington	2,895	100.0	16.0	16.6	3.8	11.8	12.3	12.7	10.2	4.4	4.6	4.1	3.7
West Virginia	747	100.0	11.0	14.6	3.9	13.1	14.2	14.6	11.6	5.1	6.2	4.0	1.7
Wisconsin	2,853	100.0	13.9	14.1	2.7	10.3	14.6	12.7	12.1	8.5	4.3	4.3	2.6
Wyoming	246	100.0	12.6	12.2	2.4	11.0	12.6	15.0	13.4	2.8	6.9	3.7	7.3

See footnotes at end of table.

Table 15. States: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and State	Total employed		Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
	Number (In thousands)	Percent	Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Men													
Alabama	1,119	100.0	13.3	10.5	2.9	12.6	4.6	7.3	21.7	8.9	7.3	6.4	4.3
Alaska	161	100.0	16.8	13.7	4.3	9.9	5.0	10.6	19.9	1.9	8.1	5.6	5.0
Arizona	1,193	100.0	15.3	13.2	3.1	11.5	4.7	12.8	19.0	4.3	5.0	5.7	5.4
Arkansas	603	100.0	10.9	9.6	2.8	11.1	4.5	10.0	18.9	9.1	9.1	8.0	6.1
California	8,565	100.0	15.4	14.5	2.9	11.3	6.4	11.0	16.7	5.4	5.6	5.7	5.2
Colorado	1,161	100.0	16.2	18.3	3.2	12.3	5.9	8.2	18.9	3.4	4.7	5.9	2.9
Connecticut	872	100.0	18.5	15.3	2.6	11.8	6.8	9.4	18.8	5.8	4.5	4.6	1.9
Delaware	199	100.0	17.6	14.1	2.5	7.5	7.5	11.6	19.1	6.5	6.5	5.0	2.0
District of Columbia	120	100.0	20.0	25.0	4.2	7.5	8.3	17.5	5.8	1.7	5.8	3.3	(¹)
Florida	3,703	100.0	15.2	12.1	2.5	13.3	5.8	12.7	18.8	3.7	6.4	5.6	3.8
Georgia	2,010	100.0	16.5	10.9	2.1	10.9	4.9	7.8	20.1	8.5	8.6	6.6	3.1
Hawaii	277	100.0	14.1	11.6	2.5	10.8	5.1	18.1	16.2	3.2	5.1	6.1	7.2
Idaho	346	100.0	12.1	11.6	2.9	9.8	4.0	8.4	19.9	6.9	8.1	7.2	9.0
Illinois	3,160	100.0	15.6	13.4	2.5	12.1	5.9	9.9	16.7	8.2	7.3	5.9	2.5
Indiana	1,592	100.0	13.5	10.8	1.9	9.0	5.6	8.5	20.3	12.9	7.8	6.5	3.2
Iowa	816	100.0	11.2	10.3	3.4	11.4	3.9	8.7	19.7	7.8	7.5	6.5	9.4
Kansas	723	100.0	14.7	13.1	2.9	11.2	5.3	8.0	18.7	7.6	6.1	5.5	6.8
Kentucky	986	100.0	14.9	11.8	2.6	9.8	5.6	9.0	19.9	8.2	8.7	5.6	3.9
Louisiana	1,042	100.0	12.6	12.7	3.0	9.6	5.2	10.1	19.7	7.1	9.9	6.8	3.6
Maine	328	100.0	11.6	12.2	1.8	10.4	5.8	9.1	23.2	7.9	7.6	4.9	5.8
Maryland	1,380	100.0	19.2	17.9	3.5	11.2	4.6	10.4	17.8	3.1	5.1	4.5	2.7
Massachusetts	1,661	100.0	16.6	16.9	3.0	10.2	6.2	11.3	18.4	5.4	5.0	5.1	1.9
Michigan	2,624	100.0	13.6	12.5	2.6	9.9	4.8	9.1	21.1	10.9	6.5	5.7	3.2
Minnesota	1,380	100.0	16.1	14.2	3.2	11.1	5.4	8.1	18.0	7.4	6.1	4.3	6.0
Mississippi	634	100.0	11.8	12.1	2.7	9.0	4.4	9.0	20.7	9.5	9.8	6.0	5.0
Missouri	1,460	100.0	13.4	11.7	2.8	11.9	5.8	9.2	19.2	7.6	7.3	6.1	4.7
Montana	235	100.0	12.8	12.8	1.3	11.5	3.4	9.8	18.7	3.4	7.7	6.0	11.5
Nebraska	471	100.0	12.3	9.8	2.8	11.9	5.7	8.3	15.5	6.8	7.4	5.3	13.8
Nevada	484	100.0	14.9	9.7	2.3	10.3	4.3	19.8	20.7	3.3	7.0	5.4	2.3
New Hampshire	334	100.0	18.3	14.1	3.3	11.4	5.7	9.0	17.7	7.5	6.6	4.8	2.4
New Jersey	2,106	100.0	18.7	14.1	3.1	12.8	6.0	10.6	15.9	5.4	6.6	5.2	1.6
New Mexico	420	100.0	13.3	13.6	4.0	9.0	4.8	11.2	21.0	3.8	7.9	5.7	5.5
New York	4,483	100.0	15.7	13.9	2.7	11.9	7.0	14.8	15.5	5.0	6.4	5.2	1.8
North Carolina	1,968	100.0	13.7	10.9	3.0	11.4	4.2	7.9	22.0	9.7	7.0	6.1	4.1
North Dakota	175	100.0	12.0	9.1	2.9	11.4	3.4	7.4	16.6	4.6	8.6	5.1	18.3
Ohio	2,868	100.0	14.3	11.9	2.6	10.7	5.6	9.4	19.1	9.8	8.2	5.5	2.9
Oklahoma	838	100.0	13.2	12.3	2.0	10.3	5.4	9.8	19.1	8.1	8.0	6.6	5.3
Oregon	917	100.0	14.2	13.6	1.7	10.5	5.1	10.3	17.9	8.5	6.7	4.8	6.8
Pennsylvania	2,996	100.0	15.1	13.3	2.9	10.8	5.6	9.6	18.3	7.8	6.8	6.8	2.9
Rhode Island	246	100.0	14.6	14.6	2.8	12.2	5.7	11.4	18.7	8.9	4.9	4.5	2.0
South Carolina	969	100.0	11.1	10.2	3.3	11.1	3.4	9.0	23.8	11.7	7.4	5.8	3.1
South Dakota	204	100.0	11.3	10.3	2.5	11.8	4.4	10.8	17.6	7.4	6.4	4.9	13.7
Tennessee	1,389	100.0	15.4	9.7	2.5	10.7	4.9	9.0	21.0	9.0	8.1	6.0	3.7
Texas	5,358	100.0	13.8	12.7	3.1	10.8	5.9	9.9	19.9	5.9	7.3	6.0	4.6
Utah	560	100.0	13.9	14.8	3.2	13.4	5.9	8.4	18.9	5.2	5.5	6.6	3.8
Vermont	167	100.0	13.8	14.4	3.0	10.2	5.4	8.4	21.6	7.2	7.2	3.6	5.4
Virginia	1,834	100.0	17.0	15.8	3.2	10.5	5.7	10.3	19.6	5.2	5.5	5.1	2.2
Washington	1,582	100.0	16.1	15.2	3.1	10.7	4.7	8.4	17.1	6.0	7.5	5.8	5.4
West Virginia	401	100.0	11.5	13.2	2.0	11.5	5.7	9.0	20.4	7.0	11.0	6.2	2.5
Wisconsin	1,511	100.0	15.4	11.3	2.0	9.3	5.0	8.2	20.9	10.6	7.5	5.8	4.2
Wyoming	134	100.0	12.7	10.4	2.2	9.7	3.0	9.0	23.1	4.5	11.2	5.2	9.0

See footnotes at end of table.

Table 15. States: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and State	Total employed		Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
	Number (In thousands)	Percent	Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Women													
Alabama	943	100.0	11.8	16.0	3.5	16.4	24.4	15.1	1.9	7.8	1.0	1.7	.5
Alaska	137	100.0	16.1	18.2	2.9	15.3	24.1	16.8	1.5	1.5	.7	1.5	.7
Arizona	985	100.0	13.7	16.0	3.9	14.9	26.3	17.3	2.0	3.5	.9	.9	.8
Arkansas	546	100.0	11.7	14.7	3.5	11.7	22.2	19.8	2.9	9.2	.7	2.2	1.3
California	6,796	100.0	15.7	18.0	3.5	13.0	22.9	16.7	1.9	4.7	.7	1.5	1.4
Colorado	998	100.0	19.2	18.2	4.4	14.1	21.1	14.9	2.4	1.8	1.2	1.8	.8
Connecticut	780	100.0	15.3	19.9	3.3	12.3	23.6	16.0	2.4	5.0	.5	1.4	.3
Delaware	178	100.0	13.5	16.9	4.5	12.4	26.4	18.0	1.7	2.8	1.1	1.7	1.1
District of Columbia	123	100.0	20.3	26.0	4.9	8.1	21.1	15.4	.8	.8	.8	.8	(¹)
Florida	3,215	100.0	13.9	15.9	4.4	15.1	25.2	18.0	1.8	2.5	.8	1.5	1.0
Georgia	1,842	100.0	14.3	15.0	3.7	12.6	23.5	16.1	2.3	8.2	1.6	1.7	.8
Hawaii	282	100.0	11.3	14.9	2.5	16.3	27.0	21.3	1.4	2.1	.7	.7	1.8
Idaho	274	100.0	10.9	15.0	2.9	12.0	22.3	21.9	2.2	5.5	1.5	2.6	2.9
Illinois	2,786	100.0	14.6	16.9	3.7	13.3	24.6	16.6	2.4	4.6	.9	1.8	.8
Indiana	1,400	100.0	13.0	13.9	3.6	13.0	24.6	16.1	2.2	7.7	1.1	3.5	1.1
Iowa	710	100.0	11.3	16.9	4.1	13.2	23.9	19.3	2.1	4.5	1.1	1.5	1.8
Kansas	634	100.0	13.1	16.6	3.6	12.6	23.7	18.6	2.2	4.3	1.1	2.4	1.9
Kentucky	849	100.0	12.0	17.6	3.5	13.3	23.2	18.5	2.4	5.8	.7	2.4	.9
Louisiana	903	100.0	13.1	15.5	3.8	13.6	25.9	20.4	1.1	2.8	1.8	1.3	1.0
Maine	294	100.0	14.3	16.7	2.7	13.9	22.4	17.3	2.7	5.4	1.0	1.7	1.7
Maryland	1,250	100.0	17.3	23.1	4.8	10.0	25.0	14.6	1.4	2.2	.5	.7	.4
Massachusetts	1,504	100.0	15.7	19.4	3.2	12.7	22.9	17.6	2.1	4.0	.6	1.2	.6
Michigan	2,211	100.0	12.7	16.2	3.8	13.3	23.3	18.5	2.0	6.4	1.0	2.3	.5
Minnesota	1,233	100.0	16.8	18.5	4.1	10.7	21.5	18.2	2.5	3.9	.7	1.4	1.6
Mississippi	567	100.0	9.9	19.2	3.5	12.3	21.5	18.2	2.8	8.8	.5	1.6	1.6
Missouri	1,278	100.0	14.9	19.8	3.4	13.1	26.1	12.5	2.1	3.9	1.4	1.4	1.4
Montana	207	100.0	13.5	15.9	3.4	12.1	23.7	21.7	1.4	1.9	1.0	1.4	3.9
Nebraska	421	100.0	10.9	16.6	4.5	12.6	24.7	19.0	1.9	3.8	.2	2.1	4.0
Nevada	397	100.0	13.9	12.6	2.8	15.9	23.7	25.9	1.3	2.0	.8	1.0	.5
New Hampshire	299	100.0	12.4	19.7	3.7	12.7	22.4	15.4	3.3	7.0	1.0	1.0	1.0
New Jersey	1,857	100.0	13.7	19.1	4.0	12.9	25.9	16.2	1.3	4.1	.8	1.4	.4
New Mexico	360	100.0	14.4	19.4	3.3	13.3	22.2	18.6	1.9	2.8	1.1	1.1	1.4
New York	3,889	100.0	13.2	19.5	3.6	12.7	24.6	18.2	1.6	4.2	.8	1.2	.5
North Carolina	1,695	100.0	12.3	16.5	3.9	13.6	21.4	15.6	3.1	9.6	.9	1.8	1.4
North Dakota	161	100.0	10.6	15.5	3.1	13.0	22.4	24.8	1.2	2.5	.6	1.2	5.0
Ohio	2,569	100.0	13.4	16.7	4.4	12.7	22.1	19.2	1.8	5.3	1.0	2.6	.9
Oklahoma	716	100.0	12.3	17.2	4.3	12.8	25.0	17.5	2.7	4.1	.7	1.7	1.8
Oregon	747	100.0	14.1	15.7	2.4	14.2	23.7	19.7	1.6	3.9	.8	2.0	2.0
Pennsylvania	2,665	100.0	12.3	17.9	3.9	12.3	25.1	18.3	1.7	4.7	1.0	1.5	1.2
Rhode Island	227	100.0	12.8	17.6	4.8	13.2	22.5	17.2	2.2	7.0	.4	2.2	.4
South Carolina	915	100.0	12.1	17.5	3.5	13.2	21.2	18.0	1.6	8.6	1.3	2.1	.9
South Dakota	182	100.0	11.5	15.4	2.7	12.1	20.9	22.5	2.2	5.5	(¹)	1.6	4.4
Tennessee	1,255	100.0	13.4	14.3	4.9	12.8	24.2	15.5	2.5	7.6	1.4	2.4	1.1
Texas	4,274	100.0	13.9	17.3	3.3	13.7	24.3	18.7	1.9	3.4	.8	1.5	1.1
Utah	463	100.0	12.7	16.6	3.0	14.3	27.2	14.9	1.9	5.6	.6	2.4	.9
Vermont	153	100.0	13.1	19.0	2.6	13.7	24.2	17.0	2.6	4.6	.7	1.3	1.3
Virginia	1,553	100.0	15.8	19.9	3.4	12.9	22.8	15.4	1.7	4.6	1.1	1.4	1.0
Washington	1,313	100.0	16.0	18.4	4.5	13.1	21.4	17.8	1.7	2.4	1.1	2.0	1.6
West Virginia	346	100.0	10.4	16.2	6.1	15.0	24.0	21.1	1.4	2.9	.6	1.4	.9
Wisconsin	1,341	100.0	12.2	17.3	3.4	11.3	25.4	17.8	2.1	6.2	.7	2.8	.7
Wyoming	111	100.0	12.6	15.3	2.7	12.6	24.3	22.5	1.8	.9	1.8	1.8	5.4

See footnotes at end of table.

Table 15. States: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and State	Total employed		Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
	Number (In thousands)	Percent	Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
White													
Alabama	1,563	100.0	14.5	14.4	3.3	15.9	14.0	8.1	13.5	6.4	4.2	3.1	2.7
Alaska	246	100.0	16.7	17.1	4.1	12.6	13.4	11.0	11.8	2.0	4.9	3.7	3.3
Arizona	2,010	100.0	14.9	14.6	3.5	12.9	14.3	14.6	11.4	3.3	3.2	3.6	3.6
Arkansas	972	100.0	12.2	12.4	3.4	12.3	13.5	12.6	12.0	7.7	4.7	4.9	4.0
California	12,394	100.0	15.8	15.7	3.1	12.1	12.7	13.4	10.5	5.1	3.6	4.0	4.1
Colorado	2,031	100.0	17.7	18.8	3.6	13.3	12.8	11.1	11.2	2.5	3.1	3.7	2.0
Connecticut	1,452	100.0	18.1	18.5	2.9	12.0	14.1	11.6	11.2	5.0	2.4	3.0	1.1
Delaware	293	100.0	17.1	16.0	3.4	10.9	15.4	14.0	11.3	4.1	3.1	3.4	2.0
District of Columbia	102	100.0	29.4	39.2	5.9	5.9	9.8	6.9	2.0	(¹)	(¹)	1.0	(¹)
Florida	5,763	100.0	16.0	14.7	3.5	14.7	14.8	13.0	11.2	2.7	3.4	3.6	2.4
Georgia	2,659	100.0	18.2	14.7	3.0	13.1	13.4	9.3	12.7	5.8	4.2	3.2	2.4
Hawaii	145	100.0	13.1	20.0	2.1	15.9	10.3	18.6	8.3	1.4	1.4	2.8	4.8
Idaho	605	100.0	11.7	13.1	3.0	10.7	12.2	14.0	12.2	6.1	5.3	5.1	6.4
Illinois	5,012	100.0	16.3	14.8	2.9	12.8	14.1	12.2	10.6	6.5	4.0	4.0	1.9
Indiana	2,765	100.0	13.4	12.3	2.8	11.2	14.0	11.5	12.3	10.8	4.5	4.8	2.4
Iowa	1,476	100.0	11.4	13.1	3.7	12.3	13.3	13.4	11.7	6.1	4.7	4.2	6.0
Kansas	1,236	100.0	14.3	14.9	3.2	11.9	13.8	12.3	11.3	5.9	3.8	3.6	4.9
Kentucky	1,711	100.0	14.0	14.5	2.9	11.8	13.9	12.4	12.0	6.6	5.0	4.2	2.7
Louisiana	1,364	100.0	14.7	15.9	3.5	11.5	15.4	11.1	12.6	4.3	5.1	3.4	2.6
Maine	616	100.0	12.8	14.3	2.3	12.2	13.6	12.8	13.3	6.8	4.4	3.4	3.9
Maryland	1,854	100.0	20.2	22.4	3.9	11.1	12.6	10.2	11.5	2.4	2.0	1.7	2.0
Massachusetts	2,958	100.0	16.7	18.0	2.9	11.6	14.3	13.7	10.9	4.5	2.9	3.1	1.4
Michigan	4,194	100.0	13.8	14.4	3.0	11.8	13.3	12.3	13.3	8.2	3.7	4.1	2.2
Minnesota	2,472	100.0	16.7	16.5	3.5	11.2	12.9	12.5	10.8	5.3	3.6	2.8	4.1
Mississippi	794	100.0	14.0	18.5	3.3	11.7	13.0	9.7	13.5	5.9	4.8	2.3	3.3
Missouri	2,475	100.0	14.1	15.4	3.2	12.8	15.0	10.2	12.1	5.8	4.5	3.7	3.4
Montana	416	100.0	13.0	13.9	2.4	12.0	13.2	14.9	10.8	2.6	4.6	3.8	8.2
Nebraska	846	100.0	11.7	13.2	3.5	12.3	14.5	13.0	8.9	5.3	4.1	3.7	9.7
Nevada	769	100.0	15.2	11.6	2.6	13.0	13.1	20.2	12.4	2.9	4.3	3.4	1.6
New Hampshire	615	100.0	15.6	16.9	3.4	12.2	13.7	12.0	10.9	6.7	4.1	2.9	1.8
New Jersey	3,190	100.0	17.0	16.6	3.4	13.3	15.2	11.8	10.0	4.7	3.7	3.1	1.2
New Mexico	688	100.0	14.4	16.6	3.6	11.2	12.8	14.1	12.1	3.1	4.7	3.5	4.1
New York	6,684	100.0	15.6	16.9	3.0	12.9	15.0	14.2	9.5	4.5	3.7	3.3	1.4
North Carolina	2,789	100.0	15.0	14.4	3.4	13.2	12.1	9.7	14.4	7.7	3.8	3.4	2.9
North Dakota	324	100.0	11.4	12.0	3.1	12.7	12.7	15.4	9.3	3.7	4.3	3.1	12.0
Ohio	4,808	100.0	14.5	14.4	3.4	11.9	13.3	12.9	11.3	7.6	4.6	3.9	2.1
Oklahoma	1,317	100.0	13.0	15.3	3.1	11.7	15.0	12.0	11.9	5.8	4.4	3.9	3.9
Oregon	1,539	100.0	13.9	14.9	2.2	12.3	13.3	14.4	10.7	6.0	4.1	3.4	4.8
Pennsylvania	5,119	100.0	14.4	15.4	3.4	11.7	14.4	12.9	10.8	6.3	4.2	4.4	2.2
Rhode Island	442	100.0	14.0	16.5	3.8	12.9	13.6	14.0	10.6	7.2	2.9	3.4	1.1
South Carolina	1,408	100.0	13.7	15.8	3.5	13.2	12.2	11.0	14.0	7.6	3.9	3.1	1.9
South Dakota	366	100.0	11.5	12.8	2.7	12.3	12.0	15.6	10.1	6.6	3.6	3.6	9.3
Tennessee	2,177	100.0	15.5	13.1	3.6	12.1	13.6	9.9	12.8	8.2	4.5	4.1	2.7
Texas	8,194	100.0	14.6	14.7	3.1	11.9	13.8	13.0	12.5	4.6	4.3	4.0	3.5
Utah	983	100.0	13.6	15.9	3.2	14.0	15.5	11.2	11.2	5.1	3.3	4.7	2.3
Vermont	314	100.0	13.7	16.2	2.5	11.8	14.6	12.4	12.7	5.4	4.1	2.5	3.5
Virginia	2,618	100.0	18.1	18.8	3.5	12.1	13.1	10.7	12.3	4.0	2.7	2.8	1.9
Washington	2,635	100.0	16.0	16.6	3.8	12.1	12.1	12.2	10.3	4.1	4.7	4.1	3.9
West Virginia	722	100.0	11.1	14.4	4.0	13.3	14.0	14.1	11.8	5.1	6.4	4.0	1.7
Wisconsin	2,683	100.0	13.7	13.9	2.6	10.5	14.6	12.4	12.4	8.5	4.4	4.4	2.7
Wyoming	238	100.0	12.2	12.2	2.5	10.9	13.0	14.3	13.4	2.9	7.1	3.8	7.1

See footnotes at end of table.

Table 15. States: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and State	Total employed		Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
	Number (In thousands)	Percent	Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Black													
Alabama	473	100.0	6.8	7.6	2.5	9.7	13.1	20.1	10.6	15.6	5.3	6.3	2.3
Alaska	10	100.0	10.0	10.0	(¹)	10.0	20.0	30.0	10.0	(¹)	(¹)	(¹)	(¹)
Arizona	75	100.0	10.7	13.3	1.3	16.0	18.7	20.0	5.3	8.0	5.3	1.3	(¹)
Arkansas	158	100.0	5.1	9.5	1.3	5.1	10.1	27.2	7.0	17.7	8.2	7.0	2.5
California	987	100.0	14.3	16.3	2.6	9.1	21.5	17.4	7.2	2.5	4.6	3.7	.6
Colorado	57	100.0	15.8	5.3	1.8	7.0	24.6	15.8	12.3	5.3	3.5	8.8	1.8
Connecticut	174	100.0	7.5	9.2	1.7	13.2	19.0	21.8	10.9	7.5	4.0	4.6	.6
Delaware	74	100.0	9.5	10.8	4.1	5.4	23.0	17.6	10.8	8.1	8.1	2.7	(¹)
District of Columbia	135	100.0	14.1	14.8	3.0	9.6	19.3	23.7	4.4	2.2	5.2	3.7	(¹)
Florida	986	100.0	6.5	8.0	2.7	11.1	15.4	26.7	9.6	5.8	6.8	4.5	2.8
Georgia	1,137	100.0	9.1	8.8	2.8	8.4	14.9	17.1	9.0	14.2	7.8	6.9	1.0
Hawaii	8	100.0	12.5	25.0	(¹)	12.5	12.5	25.0	12.5	(¹)	(¹)	12.5	(¹)
Illinois	720	100.0	8.3	13.1	2.4	10.7	19.7	20.3	7.1	6.5	6.5	5.0	.4
Indiana	190	100.0	11.1	8.9	1.1	8.4	21.6	20.5	6.3	6.8	7.4	9.5	(¹)
Iowa	21	100.0	(¹)	14.3	4.8	19.0	9.5	33.3	(¹)	14.3	(¹)	(¹)	(¹)
Kansas	78	100.0	11.5	7.7	2.6	10.3	19.2	21.8	6.4	6.4	3.8	9.0	(¹)
Kentucky	106	100.0	7.5	9.4	5.7	6.6	12.3	28.3	8.5	15.1	3.8	2.8	(¹)
Louisiana	536	100.0	7.1	9.1	2.4	10.6	14.0	24.1	7.5	7.3	8.8	6.9	2.1
Maryland	670	100.0	14.3	11.9	3.9	8.7	20.4	18.4	6.6	3.7	5.8	5.5	.7
Massachusetts	135	100.0	5.9	14.1	5.9	6.7	11.9	28.1	7.4	8.9	4.4	6.7	.7
Michigan	525	100.0	9.1	9.9	4.0	9.9	14.3	22.1	6.3	12.8	6.5	4.8	.2
Minnesota	65	100.0	9.2	10.8	3.1	10.8	15.4	23.1	7.7	6.2	6.2	9.2	(¹)
Mississippi	394	100.0	5.1	9.4	2.5	8.4	11.4	19.5	9.9	15.5	6.9	7.4	3.6
Missouri	226	100.0	15.0	15.0	2.7	9.7	18.6	18.1	3.5	4.4	5.8	7.1	(¹)
Nebraska	26	100.0	11.5	7.7	(¹)	15.4	19.2	15.4	15.4	3.8	3.8	3.8	(¹)
Nevada	55	100.0	7.3	5.5	(¹)	10.9	16.4	41.8	5.5	(¹)	7.3	5.5	(¹)
New Hampshire	6	100.0	16.7	16.7	(¹)	(¹)	16.7	16.7	16.7	(¹)	(¹)	(¹)	(¹)
New Jersey	566	100.0	11.8	12.0	3.5	9.5	18.0	22.4	5.7	5.1	5.8	5.5	.5
New Mexico	15	100.0	13.3	20.0	6.7	6.7	20.0	13.3	13.3	(¹)	6.7	6.7	(¹)
New York	1,207	100.0	9.4	12.8	3.6	9.2	17.3	27.8	7.6	3.9	4.3	3.4	.6
North Carolina	757	100.0	6.9	10.0	3.8	10.2	13.1	17.4	8.7	14.9	6.1	6.7	2.2
Ohio	539	100.0	9.3	9.5	3.0	9.1	15.2	24.3	7.6	8.3	6.5	6.3	.9
Oklahoma	126	100.0	12.7	10.3	2.4	10.3	11.9	23.0	5.6	10.3	5.6	6.3	1.6
Oregon	33	100.0	18.2	6.1	(¹)	12.1	24.2	18.2	6.1	6.1	6.1	3.0	(¹)
Pennsylvania	420	100.0	7.6	12.6	3.3	11.2	21.2	23.6	6.9	5.2	3.8	4.3	.2
Rhode Island	22	100.0	4.5	9.1	4.5	9.1	18.2	27.3	13.6	9.1	(¹)	4.5	(¹)
South Carolina	464	100.0	5.2	7.3	3.0	9.1	11.4	20.0	10.3	18.3	6.3	6.7	2.6
South Dakota	2	100.0	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Tennessee	446	100.0	9.0	5.8	4.0	9.4	17.0	23.1	9.4	9.0	6.7	5.4	1.3
Texas	1,098	100.0	9.3	12.6	3.3	11.8	17.2	20.9	7.7	4.9	5.9	5.3	1.0
Utah	7	100.0	28.6	14.3	(¹)	(¹)	14.3	28.6	(¹)	(¹)	(¹)	(¹)	(¹)
Vermont	1	100.0	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Virginia	642	100.0	10.6	10.4	2.2	9.5	16.0	19.9	8.4	8.9	6.9	6.2	.9
Washington	73	100.0	12.3	16.4	4.1	9.6	15.1	20.5	11.0	4.1	5.5	1.4	(¹)
West Virginia	20	100.0	10.0	10.0	(¹)	10.0	20.0	30.0	5.0	5.0	(¹)	5.0	5.0
Wisconsin	100	100.0	17.0	9.0	1.0	11.0	16.0	21.0	8.0	8.0	2.0	5.0	1.0
Wyoming	2	100.0	(¹)	(¹)	(¹)	(¹)	(¹)	50.0	(¹)	(¹)	(¹)	(¹)	(¹)

See footnotes at end of table.

Table 15. States: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and State	Total employed		Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
	Number (In thousands)	Percent	Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Hispanic origin													
Alabama	20	100.0	5.0	10.0	5.0	20.0	5.0	20.0	5.0	20.0	(¹)	10.0	5.0
Alaska	7	100.0	(¹)	14.3	(¹)	14.3	14.3	28.6	14.3	(¹)	(¹)	14.3	(¹)
Arizona	535	100.0	8.2	5.0	2.6	11.2	12.0	20.9	14.4	6.4	4.3	6.2	8.8
Arkansas	17	100.0	5.9	11.8	(¹)	(¹)	11.8	17.6	17.6	23.5	(¹)	5.9	5.9
California	4,130	100.0	6.8	5.8	1.8	8.7	12.0	19.4	12.7	11.5	5.1	7.1	9.2
Colorado	281	100.0	7.1	7.8	2.5	10.7	14.6	16.7	17.4	4.6	4.6	9.6	3.9
Connecticut	132	100.0	6.8	6.8	2.3	9.8	10.6	21.2	17.4	15.9	2.3	6.8	(¹)
Delaware	14	100.0	7.1	7.1	(¹)	(¹)	14.3	35.7	14.3	14.3	(¹)	(¹)	(¹)
District of Columbia	16	100.0	12.5	12.5	6.3	6.3	6.3	37.5	6.3	(¹)	6.3	6.3	(¹)
Florida	1,158	100.0	11.1	9.7	3.5	12.6	15.1	18.0	11.9	4.4	4.4	5.6	3.8
Georgia	101	100.0	10.9	8.9	(¹)	9.9	7.9	9.9	20.8	13.9	4.0	6.9	5.9
Hawaii	16	100.0	6.3	6.3	(¹)	12.5	6.3	31.3	12.5	(¹)	(¹)	6.3	12.5
Idaho	57	100.0	3.5	3.5	(¹)	5.3	5.3	14.0	12.3	15.8	5.3	14.0	19.3
Illinois	529	100.0	7.4	4.9	2.1	6.8	11.9	16.4	13.0	19.3	5.3	9.3	3.6
Indiana	63	100.0	4.8	12.7	1.6	12.7	4.8	17.5	14.3	17.5	3.2	7.9	3.2
Iowa	34	100.0	2.9	8.8	(¹)	2.9	2.9	20.6	23.5	17.6	2.9	5.9	5.9
Kansas	58	100.0	6.9	5.2	1.7	10.3	15.5	15.5	19.0	10.3	1.7	8.6	5.2
Kentucky	16	100.0	6.3	31.3	(¹)	6.3	6.3	18.8	6.3	6.3	(¹)	6.3	12.5
Louisiana	47	100.0	17.0	10.6	2.1	17.0	10.6	14.9	14.9	2.1	6.4	2.1	2.1
Maryland	116	100.0	11.2	16.4	.9	6.9	8.6	21.6	16.4	5.2	1.7	6.9	5.2
Massachusetts	130	100.0	4.6	10.8	.8	6.2	10.8	36.2	9.2	14.6	1.5	4.6	.8
Michigan	143	100.0	6.3	6.3	.7	7.0	11.2	26.6	10.5	16.1	4.9	6.3	4.2
Minnesota	57	100.0	8.8	7.0	(¹)	5.3	5.3	43.9	8.8	17.5	3.5	1.8	(¹)
Mississippi	14	100.0	(¹)	21.4	(¹)	(¹)	14.3	21.4	14.3	14.3	(¹)	7.1	(¹)
Missouri	34	100.0	14.7	5.9	(¹)	20.6	(¹)	11.8	11.8	14.7	5.9	11.8	2.9
Montana	8	100.0	12.5	(¹)	(¹)	12.5	12.5	25.0	12.5	(¹)	(¹)	(¹)	12.5
Nebraska	29	100.0	10.3	6.9	(¹)	6.9	10.3	17.2	17.2	17.2	3.4	10.3	(¹)
Nevada	129	100.0	3.9	2.3	1.6	10.1	9.3	35.7	14.7	5.4	3.9	9.3	4.7
New Hampshire	8	100.0	12.5	12.5	(¹)	12.5	(¹)	25.0	(¹)	12.5	(¹)	12.5	(¹)
New Jersey	437	100.0	8.5	8.0	2.3	8.9	15.6	18.8	9.4	15.8	6.4	5.7	.9
New Mexico	290	100.0	8.3	8.6	2.4	10.0	14.5	19.7	15.2	4.5	5.9	5.5	5.2
New York	1,101	100.0	9.7	6.4	2.0	10.0	14.5	26.0	8.7	8.7	5.4	7.5	1.2
North Carolina	108	100.0	2.8	4.6	1.9	5.6	1.9	12.0	22.2	14.8	2.8	10.2	20.4
North Dakota	2	100.0	(¹)	(¹)	(¹)	(¹)	(¹)	50.0	(¹)	(¹)	(¹)	(¹)	(¹)
Ohio	72	100.0	8.3	6.9	1.4	9.7	12.5	18.1	12.5	18.1	6.9	4.2	1.4
Oklahoma	48	100.0	6.3	8.3	2.1	8.3	10.4	20.8	10.4	10.4	4.2	12.5	6.3
Oregon	125	100.0	6.4	3.2	1.6	4.8	8.0	17.6	9.6	15.2	2.4	6.4	24.0
Pennsylvania	116	100.0	6.9	9.5	2.6	7.8	18.1	14.7	11.2	14.7	2.6	6.0	5.2
Rhode Island	27	100.0	7.4	3.7	(¹)	3.7	14.8	11.1	14.8	29.6	3.7	7.4	(¹)
South Carolina	15	100.0	13.3	(¹)	(¹)	6.7	13.3	26.7	13.3	26.7	(¹)	(¹)	(¹)
South Dakota	5	100.0	(¹)	(¹)	(¹)	20.0	(¹)	(¹)	20.0	20.0	(¹)	20.0	20.0
Tennessee	19	100.0	(¹)	15.8	5.3	(¹)	21.1	15.8	15.8	15.8	(¹)	(¹)	5.3
Texas	2,695	100.0	7.3	6.9	2.3	9.9	12.7	19.6	16.6	8.2	5.4	6.9	4.3
Utah	62	100.0	6.5	6.5	3.2	8.1	8.1	14.5	24.2	12.9	3.2	9.7	1.6
Vermont	2	100.0	(¹)	50.0	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Virginia	106	100.0	7.5	6.6	4.7	8.5	14.2	33.0	14.2	1.9	.9	7.5	1.9
Washington	127	100.0	6.3	5.5	2.4	4.7	11.8	19.7	13.4	4.7	1.6	7.1	23.6
Wisconsin	48	100.0	8.3	6.3	2.1	6.3	8.3	12.5	18.8	16.7	8.3	12.5	(¹)
Wyoming	11	100.0	(¹)	9.1	(¹)	(¹)	9.1	18.2	18.2	9.1	9.1	9.1	9.1

¹ Less than 500 persons employed or less than 0.05 percent of total employed.

NOTE: Data for demographic groups are not shown when they do not meet BLS publication standards of reliability for the particular area based on the

sample in that area. See appendix B. Items may not add to totals because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the default other races/default group are not presented and Hispanics are included in both the white and black population groups.

Table 16. States: Employment status of the experienced¹ civilian labor force by industry, 1998 annual averages

(Numbers in thousands)

Employment status and State	Total ²	Nonagricultural industries										Agriculture	
		Total ³	Private nonagricultural wage and salary workers								Government		
			Total ⁴	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate			Services ⁵
					Total	Durable goods	Non-durable goods						
CIVILIAN LABOR FORCE													
Alabama	2,144	2,082	1,633	132	406	222	184	83	444	109	447	313	(⁶)
Alaska	316	311	199	21	10	(⁶)	7	26	58	11	65	76	(⁶)
Arizona	2,266	2,182	1,744	172	267	199	68	115	492	146	545	293	70
Arkansas	1,208	1,152	897	61	226	114	112	66	255	50	235	164	45
California	16,232	15,396	11,712	716	2,314	1,467	847	816	3,068	848	3,922	2,165	608
Colorado	2,241	2,181	1,692	146	248	150	98	123	430	142	589	314	(⁶)
Connecticut	1,703	1,676	1,380	75	325	218	107	96	277	142	464	187	(⁶)
Delaware	392	382	307	22	50	16	33	21	76	43	95	53	(⁶)
District of Columbia	265	262	179	8	6	(⁶)	6	13	34	12	105	69	(⁶)
Florida	7,207	6,980	5,691	488	608	372	235	475	1,646	536	1,933	886	164
Georgia	4,002	3,883	3,067	221	738	340	398	312	746	214	831	581	85
Hawaii	593	565	413	32	19	(⁶)	16	47	127	35	153	108	25
Idaho	651	603	444	40	104	58	46	31	123	24	118	104	41
Illinois	6,206	6,073	5,055	294	1,115	668	448	407	1,235	425	1,572	717	96
Indiana	3,084	3,001	2,508	150	774	600	174	168	579	167	666	313	(⁶)
Iowa	1,568	1,462	1,149	69	260	141	119	66	317	97	337	204	98
Kansas	1,409	1,337	1,002	65	213	129	84	73	250	70	322	224	63
Kentucky	1,916	1,855	1,494	126	319	193	127	118	402	86	416	259	46
Louisiana	2,044	1,977	1,519	116	229	85	144	112	423	87	481	311	45
Maine	649	627	481	28	106	51	55	25	133	35	154	79	(⁶)
Maryland	2,748	2,683	1,888	174	195	107	88	115	464	204	737	624	(⁶)
Massachusetts	3,267	3,203	2,592	140	501	315	186	144	622	217	965	374	(⁶)
Michigan	5,014	4,882	4,052	241	1,206	949	257	182	1,009	239	1,174	564	94
Minnesota	2,679	2,560	2,012	116	408	259	149	130	539	159	650	359	102
Mississippi	1,260	1,209	924	70	244	133	111	73	221	55	243	206	41
Missouri	2,849	2,748	2,192	163	409	228	181	174	563	156	720	387	90
Montana	466	429	291	22	32	24	8	23	97	16	97	81	34
Nebraska	915	826	653	38	106	53	53	51	187	64	206	123	85
Nevada	918	898	735	74	48	28	(⁶)	45	171	49	338	105	(⁶)
New Hampshire	652	639	507	(⁶)	133	99	33	29	125	36	158	82	(⁶)
New Jersey	4,136	4,071	3,318	186	562	242	319	289	797	313	1,168	546	39
New Mexico	826	791	544	47	53	35	18	42	160	36	184	169	30
New York	8,828	8,626	6,639	361	1,013	541	473	511	1,682	703	2,362	1,466	98
North Carolina	3,786	3,656	2,920	201	857	420	437	178	716	178	784	498	112
North Dakota	346	304	225	16	25	15	(⁶)	17	73	14	78	57	40
Ohio	5,658	5,524	4,534	241	1,167	774	393	267	1,183	295	1,357	672	106
Oklahoma	1,623	1,558	1,170	72	212	137	76	91	332	71	353	264	55
Oregon	1,758	1,672	1,271	89	290	200	90	85	335	82	390	235	74
Pennsylvania	5,909	5,770	4,747	254	1,029	605	425	333	1,128	333	1,655	634	107
Rhode Island	496	489	408	20	100	66	34	16	101	34	135	55	(⁶)
South Carolina	1,953	1,904	1,490	113	436	203	233	88	386	91	374	304	(⁶)
South Dakota	397	359	261	17	49	30	19	14	79	24	79	67	36
Tennessee	2,752	2,675	2,064	135	505	319	186	159	510	150	601	366	(⁶)
Texas	10,069	9,644	7,619	600	1,342	734	609	691	2,034	520	2,285	1,348	330
Utah	1,060	1,030	803	71	132	89	43	52	220	61	252	157	(⁶)
Vermont	330	318	247	14	48	31	17	(⁶)	63	14	96	36	(⁶)
Virginia	3,476	3,397	2,620	188	428	224	204	198	636	239	923	585	(⁶)
Washington	3,031	2,906	2,239	177	453	328	125	159	604	148	691	452	103
West Virginia	793	772	578	38	89	47	42	47	165	34	179	134	(⁶)
Wisconsin	2,946	2,869	2,291	147	645	416	229	116	564	173	641	386	(⁶)
Wyoming	257	237	166	15	13	7	6	16	49	8	44	50	18

See footnotes at end of table.

Table 16. States: Employment status of the experienced¹ civilian labor force by industry, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and State	Total ²	Nonagricultural industries										Agriculture	
		Total ³	Private nonagricultural wage and salary workers								Government		
			Total ⁴	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate			Services ⁵
					Total	Durable goods	Non-durable goods						
EMPLOYED													
Alabama	2,062	2,003	1,562	124	386	213	173	81	421	108	431	306	(⁶)
Alaska	299	295	186	19	9	(⁶)	6	25	53	11	61	73	(⁶)
Arizona	2,178	2,103	1,676	165	258	193	65	113	466	143	523	287	64
Arkansas	1,148	1,096	846	55	213	108	105	64	237	49	225	161	42
California	15,361	14,601	11,006	642	2,179	1,396	782	783	2,850	819	3,706	2,110	552
Colorado	2,159	2,103	1,623	140	241	146	95	119	410	138	564	307	(⁶)
Connecticut	1,652	1,627	1,334	67	318	213	106	95	265	139	447	186	(⁶)
Delaware	377	369	295	21	48	15	32	21	73	42	91	52	(⁶)
District of Columbia	244	241	162	6	6	(⁶)	6	12	28	11	99	65	(⁶)
Florida	6,918	6,708	5,446	464	583	356	227	457	1,565	522	1,850	869	155
Georgia	3,852	3,743	2,947	207	708	329	379	304	711	211	801	565	78
Hawaii	560	535	387	27	17	(⁶)	15	45	118	34	145	105	22
Idaho	620	576	421	36	98	55	43	30	117	24	112	100	39
Illinois	5,946	5,824	4,829	274	1,078	651	427	389	1,161	417	1,504	705	88
Indiana	2,993	2,910	2,423	137	756	587	169	165	550	164	646	310	(⁶)
Iowa	1,526	1,423	1,116	66	254	137	116	65	304	96	328	200	97
Kansas	1,357	1,287	958	61	204	125	80	72	237	68	307	219	62
Kentucky	1,835	1,777	1,425	116	306	185	121	115	380	85	398	252	44
Louisiana	1,945	1,887	1,437	104	219	81	138	109	399	84	455	307	39
Maine	622	601	459	26	102	49	53	24	127	34	147	76	(⁶)
Maryland	2,631	2,567	1,790	166	185	101	84	111	433	195	700	612	(⁶)
Massachusetts	3,164	3,104	2,504	130	484	305	179	139	595	214	938	366	(⁶)
Michigan	4,835	4,714	3,903	223	1,169	922	247	175	966	235	1,134	552	89
Minnesota	2,613	2,500	1,960	109	399	253	146	127	521	158	636	354	98
Mississippi	1,200	1,153	872	63	233	130	103	70	203	54	232	203	39
Missouri	2,738	2,641	2,093	153	391	220	171	168	535	153	687	380	88
Montana	442	406	272	19	30	22	8	22	90	15	93	78	33
Nebraska	892	804	633	37	103	52	51	50	180	64	199	122	84
Nevada	880	861	702	70	46	27	(⁶)	44	161	47	325	102	(⁶)
New Hampshire	633	621	491	(⁶)	129	97	32	29	120	35	153	82	(⁶)
New Jersey	3,963	3,902	3,167	172	540	236	304	282	754	304	1,112	531	37
New Mexico	780	748	509	40	50	33	17	40	148	34	175	163	27
New York	8,372	8,191	6,270	326	967	521	446	491	1,568	681	2,231	1,421	89
North Carolina	3,663	3,540	2,813	191	826	407	419	175	683	176	758	493	109
North Dakota	336	294	217	14	24	15	(⁶)	16	71	13	75	55	40
Ohio	5,437	5,314	4,340	214	1,122	747	375	260	1,125	287	1,308	662	97
Oklahoma	1,554	1,492	1,112	67	205	133	72	87	312	69	336	259	54
Oregon	1,664	1,581	1,192	82	272	189	83	81	311	79	366	226	71
Pennsylvania	5,661	5,532	4,529	228	994	587	407	322	1,069	327	1,575	619	102
Rhode Island	474	467	387	19	95	63	32	16	95	34	128	54	(⁶)
South Carolina	1,884	1,837	1,430	105	421	197	225	85	369	88	360	299	(⁶)
South Dakota	386	349	253	15	47	30	18	13	76	24	76	65	36
Tennessee	2,644	2,573	1,970	126	486	309	177	153	480	146	575	361	(⁶)
Texas	9,631	9,226	7,243	564	1,293	712	582	665	1,905	505	2,166	1,322	317
Utah	1,023	994	772	68	127	86	41	51	209	60	242	153	(⁶)
Vermont	319	308	238	13	47	31	16	(⁶)	60	13	94	36	(⁶)
Virginia	3,386	3,312	2,545	182	420	220	201	195	609	235	895	579	(⁶)
Washington	2,895	2,777	2,130	161	434	316	118	150	575	144	659	439	96
West Virginia	747	728	539	31	83	43	40	44	153	33	170	130	(⁶)
Wisconsin	2,853	2,779	2,209	137	632	408	224	111	540	168	618	380	(⁶)
Wyoming	246	227	157	13	12	6	6	16	47	8	42	49	17

See footnotes at end of table.

Table 16. States: Employment status of the experienced¹ civilian labor force by industry, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and State	Total ²	Nonagricultural industries										Agriculture	
		Total ³	Private nonagricultural wage and salary workers								Government		
			Total ⁴	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate			Services ⁵
					Total	Durable goods	Non-durable goods						
UNEMPLOYED													
Alabama	82	79	71	9	20	9	11	2	23	1	16	7	(⁶)
Alaska	18	17	14	2	1	(⁶)	1	1	4	(⁷)	4	3	(⁶)
Arizona	88	79	69	7	9	6	4	2	26	3	21	6	6
Arkansas	60	55	51	6	13	7	7	2	18	1	11	3	3
California	871	795	706	74	135	70	65	33	218	29	217	55	56
Colorado	81	78	68	7	7	5	2	4	21	4	25	7	(⁶)
Connecticut	51	49	47	8	7	6	1	1	12	3	16	1	(⁶)
Delaware	14	13	12	1	2	1	1	(⁷)	4	1	4	1	(⁶)
District of Columbia	22	21	16	2	(⁷)	(⁶)	(⁷)	1	5	1	6	4	(⁶)
Florida	289	271	245	24	25	17	8	18	81	14	83	17	9
Georgia	150	140	120	14	30	11	19	7	36	3	30	16	8
Hawaii	33	30	26	5	2	(⁶)	2	2	8	1	8	3	3
Idaho	31	28	24	4	6	3	3	1	6	(⁷)	6	4	3
Illinois	260	249	226	19	37	17	21	18	74	8	69	13	7
Indiana	92	90	85	13	18	13	5	2	28	3	20	3	(⁶)
Iowa	42	39	34	3	6	4	2	2	13	1	10	4	1
Kansas	52	50	44	4	9	5	4	1	12	3	15	4	1
Kentucky	81	78	69	10	14	8	5	4	22	1	18	6	2
Louisiana	99	90	82	11	11	4	7	3	25	3	27	5	5
Maine	27	25	21	2	4	2	2	1	6	1	7	2	(⁶)
Maryland	118	115	98	7	10	5	4	4	31	9	37	12	(⁶)
Massachusetts	103	98	89	11	16	10	7	5	27	3	27	8	(⁶)
Michigan	179	168	148	18	36	27	10	7	43	4	40	11	6
Minnesota	65	60	52	8	9	6	3	3	17	1	14	5	4
Mississippi	59	56	52	7	12	4	8	2	19	1	11	3	2
Missouri	110	107	99	10	17	8	10	6	28	3	33	7	2
Montana	25	23	19	3	2	2	(⁷)	1	7	1	5	3	1
Nebraska	23	22	20	1	4	2	2	(⁷)	8	1	6	1	1
Nevada	37	36	33	4	2	1	(⁶)	1	11	1	13	3	(⁶)
New Hampshire	19	18	16	(⁶)	4	2	1	1	5	1	5	(⁷)	(⁶)
New Jersey	173	169	151	13	22	6	16	8	43	9	56	14	2
New Mexico	47	43	35	7	3	2	1	1	12	2	9	6	3
New York	456	435	369	35	46	19	27	20	114	22	131	46	8
North Carolina	123	116	107	10	32	14	18	3	33	2	27	4	4
North Dakota	10	10	7	1	1	(⁷)	(⁶)	1	2	(⁷)	2	2	1
Ohio	222	210	194	28	45	27	18	7	58	7	49	10	9
Oklahoma	69	66	58	5	8	4	4	3	20	2	17	5	1
Oregon	95	91	79	7	18	11	7	4	23	3	24	9	3
Pennsylvania	248	238	218	27	36	17	18	11	59	6	80	15	4
Rhode Island	22	21	20	2	5	3	2	1	5	(⁷)	7	(⁷)	(⁶)
South Carolina	69	66	59	9	15	6	8	3	17	3	13	5	(⁶)
South Dakota	11	10	8	1	2	1	1	(⁷)	2	(⁷)	2	2	1
Tennessee	108	102	93	9	19	10	9	5	30	4	26	5	(⁶)
Texas	438	418	376	36	49	22	27	26	129	14	119	27	13
Utah	38	36	31	3	4	3	1	2	11	1	10	4	(⁶)
Vermont	11	10	9	1	1	1	1	(⁶)	4	1	2	1	(⁶)
Virginia	90	86	75	6	7	4	3	3	27	4	28	7	(⁶)
Washington	136	128	110	16	19	12	7	9	28	4	32	13	7
West Virginia	46	44	39	7	6	4	2	3	11	1	9	3	(⁶)
Wisconsin	94	90	82	11	13	8	5	5	24	6	23	7	(⁶)
Wyoming	12	11	9	2	1	(⁷)	(⁷)	(⁷)	3	(⁷)	3	1	1

See footnotes at end of table.

Table 16. States: Employment status of the experienced¹ civilian labor force by industry, 1998 annual averages — Continued

(Numbers in thousands)

Employment status and State	Total ²	Nonagricultural industries										Agriculture	
		Total ³	Private nonagricultural wage and salary workers								Government		
			Total ⁴	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate			Services ⁵
					Total	Durable goods	Non-durable goods						
UNEMPLOYMENT RATE													
Alabama	3.8	3.8	4.3	6.5	4.9	4.0	5.9	2.9	5.1	.5	3.6	2.2	(⁶)
Alaska	5.5	5.4	6.7	11.7	10.1	(⁶)	9.5	3.6	7.6	2.1	5.7	3.4	(⁶)
Arizona	3.9	3.7	4.0	4.0	3.6	2.9	5.4	1.7	5.3	2.3	4.0	2.1	8.8
Arkansas	5.0	4.8	5.7	9.7	5.9	5.9	5.9	2.6	7.2	1.5	4.5	2.1	6.1
California	5.4	5.2	6.0	10.3	5.9	4.8	7.7	4.0	7.1	3.4	5.5	2.6	9.2
Colorado	3.6	3.6	4.0	4.5	2.9	3.2	2.5	3.2	4.8	2.6	4.3	2.4	(⁶)
Connecticut	3.0	2.9	3.4	10.2	2.1	2.6	1.0	1.4	4.3	1.9	3.5	.5	(⁶)
Delaware	3.7	3.5	4.0	6.1	4.0	6.0	3.0	2.0	5.1	2.2	3.9	1.9	(⁶)
District of Columbia	8.3	8.2	9.3	23.5	4.5	(⁶)	4.6	9.5	15.5	11.8	6.2	5.6	(⁶)
Florida	4.0	3.9	4.3	4.9	4.1	4.5	3.5	3.7	4.9	2.6	4.3	1.9	5.7
Georgia	3.7	3.6	3.9	6.3	4.0	3.3	4.7	2.4	4.8	1.6	3.6	2.8	9.1
Hawaii	5.7	5.4	6.3	15.5	8.6	(⁶)	9.5	5.1	6.5	3.1	5.0	3.0	10.7
Idaho	4.8	4.6	5.3	10.2	5.7	4.8	6.8	3.6	4.9	1.9	4.7	3.6	6.8
Illinois	4.2	4.1	4.5	6.7	3.4	2.5	4.7	4.5	6.1	2.0	4.4	1.8	7.9
Indiana	3.0	3.0	3.4	8.7	2.3	2.2	2.9	1.5	4.9	1.7	3.0	.9	(⁶)
Iowa	2.7	2.7	2.9	4.3	2.3	2.7	1.8	2.6	4.0	.5	2.9	2.0	1.0
Kansas	3.7	3.8	4.4	6.1	4.2	3.7	5.1	1.5	5.0	3.7	4.7	1.9	2.1
Kentucky	4.2	4.1	4.6	7.7	4.2	4.2	4.2	3.1	5.5	1.6	4.2	2.4	4.5
Louisiana	4.8	4.5	5.4	9.7	4.6	4.5	4.6	3.0	5.8	3.9	5.5	1.5	12.0
Maine	4.2	4.1	4.5	7.2	3.7	4.1	3.4	3.2	4.7	2.5	4.8	3.1	(⁶)
Maryland	4.3	4.3	5.2	4.2	5.0	5.1	4.8	3.4	6.7	4.6	5.0	1.9	(⁶)
Massachusetts	3.2	3.1	3.4	7.6	3.3	3.1	3.5	3.3	4.3	1.3	2.8	2.1	(⁶)
Michigan	3.5	3.4	3.6	7.5	3.0	2.8	3.8	3.6	4.2	1.8	3.4	2.0	6.1
Minnesota	2.4	2.3	2.6	6.6	2.3	2.5	1.9	2.1	3.2	.7	2.1	1.4	3.7
Mississippi	4.7	4.6	5.6	9.8	4.7	2.9	6.9	3.0	8.4	2.0	4.4	1.6	3.8
Missouri	3.9	3.9	4.5	6.3	4.3	3.4	5.3	3.7	5.0	2.1	4.6	1.8	2.4
Montana	5.3	5.4	6.5	14.9	6.8	7.8	3.8	4.1	7.2	3.7	4.8	3.7	3.5
Nebraska	2.5	2.7	3.1	3.5	3.5	3.7	3.3	.8	4.2	.8	3.1	1.2	1.1
Nevada	4.1	4.0	4.4	5.5	4.2	4.5	(⁶)	2.1	6.2	2.7	3.9	2.4	(⁶)
New Hampshire	2.9	2.8	3.2	(⁶)	2.7	2.3	4.0	2.1	4.0	2.2	3.3	.6	(⁶)
New Jersey	4.2	4.2	4.6	7.3	3.9	2.5	5.0	2.8	5.5	2.9	4.8	2.6	5.4
New Mexico	5.6	5.4	6.4	14.3	5.6	4.7	7.2	2.9	7.7	4.8	4.9	3.5	9.3
New York	5.2	5.1	5.6	9.8	4.6	3.6	5.7	4.0	6.8	3.1	5.6	3.1	8.5
North Carolina	3.2	3.2	3.7	5.2	3.7	3.3	4.1	2.0	4.6	.9	3.4	.9	3.2
North Dakota	3.0	3.1	3.2	7.5	2.4	2.7	(⁶)	5.4	2.9	1.6	2.8	3.5	1.5
Ohio	3.9	3.8	4.3	11.4	3.8	3.4	4.6	2.6	4.9	2.4	3.6	1.5	8.1
Oklahoma	4.3	4.2	5.0	7.5	3.7	2.9	5.1	3.8	6.1	3.0	4.9	1.8	2.5
Oregon	5.3	5.4	6.1	7.8	6.0	5.2	7.7	4.6	6.9	4.0	6.0	3.6	3.5
Pennsylvania	4.2	4.1	4.6	10.4	3.5	2.9	4.2	3.2	5.2	1.9	4.9	2.3	4.1
Rhode Island	4.4	4.4	5.0	8.5	4.8	4.7	5.1	5.0	5.2	1.1	5.4	.8	(⁶)
South Carolina	3.6	3.5	4.0	7.9	3.4	3.0	3.7	3.4	4.5	2.8	3.6	1.7	(⁶)
South Dakota	2.6	2.7	3.0	7.3	3.1	2.2	4.6	1.0	3.0	.8	3.0	2.4	1.5
Tennessee	3.9	3.8	4.5	6.6	3.8	3.1	4.9	3.2	5.9	2.6	4.3	1.5	(⁶)
Texas	4.4	4.3	4.9	6.0	3.7	3.0	4.5	3.8	6.3	2.8	5.2	2.0	3.8
Utah	3.5	3.5	3.9	4.6	3.1	3.1	3.1	2.9	4.9	1.8	3.9	2.5	(⁶)
Vermont	3.3	3.1	3.6	7.1	2.9	2.2	4.1	(⁶)	5.6	4.7	2.0	1.4	(⁶)
Virginia	2.6	2.5	2.9	3.3	1.7	1.7	1.6	1.7	4.2	1.6	3.1	1.1	(⁶)
Washington	4.5	4.4	4.9	9.0	4.2	3.7	5.6	5.9	4.7	2.7	4.6	2.9	6.5
West Virginia	5.8	5.7	6.7	18.5	6.3	7.7	4.8	7.2	7.0	3.2	5.1	2.6	(⁶)
Wisconsin	3.2	3.2	3.6	7.4	2.0	1.9	2.3	4.1	4.3	3.4	3.5	1.7	(⁶)
Wyoming	4.5	4.5	5.6	14.4	4.1	4.7	3.5	3.0	5.4	1.4	5.8	2.4	3.5

¹ Excludes persons with no previous work experience.

² Includes private household workers, self-employed and unpaid family workers, and mining.

³ Includes self-employed and unpaid family workers and mining.

⁴ Includes mining.

⁵ Excludes private household workers.

⁶ Data are not shown when the labor force base does not meet BLS publication standards of reliability for the particular area, based on the sample in that area. See appendix B.

⁷ Less than 500 persons.

NOTE: Items may not add to totals or compute to displayed rates because of rounding.

Table 17. States: Percent distribution of employed persons by sex, race, Hispanic origin, and industry, 1998 annual averages

Population group and State	Total employed ¹		Nonagricultural industries										Agriculture	
	Number (In thousands)	Percent	Total ²	Private nonagricultural wage and salary workers								Government		
				Total ³	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate			Services ⁴
						Total	Durable goods	Non-durable goods						
TOTAL														
Alabama	2,062	100.0	97.1	75.8	6.0	18.7	10.3	8.4	3.9	20.4	5.2	20.9	14.8	2.2
Alaska	299	100.0	98.7	62.2	6.4	3.0	1.0	2.0	8.4	17.7	3.7	20.4	24.4	1.0
Arizona	2,178	100.0	96.6	77.0	7.6	11.8	8.9	3.0	5.2	21.4	6.6	24.0	13.2	2.9
Arkansas	1,148	100.0	95.5	73.7	4.8	18.6	9.4	9.1	5.6	20.6	4.3	19.6	14.0	3.7
California	15,361	100.0	95.1	71.6	4.2	14.2	9.1	5.1	5.1	18.6	5.3	24.1	13.7	3.6
Colorado	2,159	100.0	97.4	75.2	6.5	11.2	6.8	4.4	5.5	19.0	6.4	26.1	14.2	2.1
Connecticut	1,652	100.0	98.5	80.8	4.1	19.2	12.9	6.4	5.8	16.0	8.4	27.1	11.3	1.0
Delaware	377	100.0	97.9	78.2	5.6	12.7	4.0	8.5	5.6	19.4	11.1	24.1	13.8	1.9
District of Columbia	244	100.0	98.8	66.4	2.5	2.5	.4	2.5	4.9	11.5	4.5	40.6	26.6	.4
Florida	6,918	100.0	97.0	78.7	6.7	8.4	5.1	3.3	6.6	22.6	7.5	26.7	12.6	2.2
Georgia	3,852	100.0	97.2	76.5	5.4	18.4	8.5	9.8	7.9	18.5	5.5	20.8	14.7	2.0
Hawaii	560	100.0	95.5	69.1	4.8	3.0	.5	2.7	8.0	21.1	6.1	25.9	18.8	3.9
Idaho	620	100.0	92.9	67.9	5.8	15.8	8.9	6.9	4.8	18.9	3.9	18.1	16.1	6.3
Illinois	5,946	100.0	97.9	81.2	4.6	18.1	10.9	7.2	6.5	19.5	7.0	25.3	11.9	1.5
Indiana	2,993	100.0	97.2	81.0	4.6	25.3	19.6	5.6	5.5	18.4	5.5	21.6	10.4	2.4
Iowa	1,526	100.0	93.3	73.1	4.3	16.6	9.0	7.6	4.3	19.9	6.3	21.5	13.1	6.4
Kansas	1,357	100.0	94.8	70.6	4.5	15.0	9.2	5.9	5.3	17.5	5.0	22.6	16.1	4.6
Kentucky	1,835	100.0	96.8	77.7	6.3	16.7	10.1	6.6	6.3	20.7	4.6	21.7	13.7	2.4
Louisiana	1,945	100.0	97.0	73.9	5.3	11.3	4.2	7.1	5.6	20.5	4.3	23.4	15.8	2.0
Maine	622	100.0	96.6	73.8	4.2	16.4	7.9	8.5	3.9	20.4	5.5	23.6	12.2	2.6
Maryland	2,631	100.0	97.6	68.0	6.3	7.0	3.8	3.2	4.2	16.5	7.4	26.6	23.3	1.6
Massachusetts	3,164	100.0	98.1	79.1	4.1	15.3	9.6	5.7	4.4	18.8	6.8	29.6	11.6	1.3
Michigan	4,835	100.0	97.5	80.7	4.6	24.2	19.1	5.1	3.6	20.0	4.9	23.5	11.4	1.8
Minnesota	2,613	100.0	95.7	75.0	4.2	15.3	9.7	5.6	4.9	19.9	6.0	24.3	13.5	3.8
Mississippi	1,200	100.0	96.1	72.7	5.3	19.4	10.8	8.6	5.8	16.9	4.5	19.3	16.9	3.3
Missouri	2,738	100.0	96.5	76.4	5.6	14.3	8.0	6.2	6.1	19.5	5.6	25.1	13.9	3.2
Montana	442	100.0	91.9	61.5	4.3	6.8	5.0	1.8	5.0	20.4	3.4	21.0	17.6	7.5
Nebraska	892	100.0	90.1	71.0	4.1	11.5	5.8	5.7	5.6	20.2	7.2	22.3	13.7	9.4
Nevada	880	100.0	97.8	79.8	8.0	5.2	3.1	2.2	5.0	18.3	5.3	36.9	11.6	1.5
New Hampshire	633	100.0	98.1	77.6	3.9	20.4	15.3	5.1	4.6	19.0	5.5	24.2	13.0	1.4
New Jersey	3,963	100.0	98.5	79.9	4.3	13.6	6.0	7.7	7.1	19.0	7.7	28.1	13.4	.9
New Mexico	780	100.0	95.9	65.3	5.1	6.4	4.2	2.2	5.1	19.0	4.4	22.4	20.9	3.5
New York	8,372	100.0	97.8	74.9	3.9	11.6	6.2	5.3	5.9	18.7	8.1	26.6	17.0	1.1
North Carolina	3,663	100.0	96.6	76.8	5.2	22.5	11.1	11.4	4.8	18.6	4.8	20.7	13.5	3.0
North Dakota	336	100.0	87.5	64.6	4.2	7.1	4.5	2.7	4.8	21.1	3.9	22.3	16.4	11.9
Ohio	5,437	100.0	97.7	79.8	3.9	20.6	13.7	6.9	4.8	20.7	5.3	24.1	12.2	1.8
Oklahoma	1,554	100.0	96.0	71.6	4.3	13.2	8.6	4.6	5.6	20.1	4.4	21.6	16.7	3.5
Oregon	1,664	100.0	95.0	71.6	4.9	16.3	11.4	5.0	4.9	18.7	4.7	22.0	13.6	4.3
Pennsylvania	5,661	100.0	97.7	80.0	4.0	17.6	10.4	7.2	5.7	18.9	5.8	27.8	10.9	1.8
Rhode Island	474	100.0	98.5	81.6	4.0	20.0	13.3	6.8	3.4	20.0	7.2	27.0	11.4	.8
South Carolina	1,884	100.0	97.5	75.9	5.6	22.3	10.5	11.9	4.5	19.6	4.7	19.1	15.9	1.9
South Dakota	386	100.0	90.4	65.5	3.9	12.2	7.8	4.7	3.4	19.7	6.2	19.7	16.8	9.3
Tennessee	2,644	100.0	97.3	74.5	4.8	18.4	11.7	6.7	5.8	18.2	5.5	21.7	13.7	2.3
Texas	9,631	100.0	95.8	75.2	5.9	13.4	7.4	6.0	6.9	19.8	5.2	22.5	13.7	3.3
Utah	1,023	100.0	97.2	75.5	6.6	12.4	8.4	4.0	5.0	20.4	5.9	23.7	15.0	2.3
Vermont	319	100.0	96.6	74.6	4.1	14.7	9.7	5.0	3.1	18.8	4.1	29.5	11.3	2.8
Virginia	3,386	100.0	97.8	75.2	5.4	12.4	6.5	5.9	5.8	18.0	6.9	26.4	17.1	1.6
Washington	2,895	100.0	95.9	73.6	5.6	15.0	10.9	4.1	5.2	19.9	5.0	22.8	15.2	3.3
West Virginia	747	100.0	97.5	72.2	4.1	11.1	5.8	5.4	5.9	20.5	4.4	22.8	17.4	1.2
Wisconsin	2,853	100.0	97.4	77.4	4.8	22.2	14.3	7.9	3.9	18.9	5.9	21.7	13.3	2.3
Wyoming	246	100.0	92.3	63.8	5.3	4.9	2.4	2.4	6.5	19.1	3.3	17.1	19.9	6.9

See footnotes at end of table.

Table 17. States: Percent distribution of employed persons by sex, race, Hispanic origin, and industry, 1998 annual averages — Continued

Population group and State	Total employed ¹		Nonagricultural industries										Agriculture	
	Number (In thousands)	Percent	Total ²	Private nonagricultural wage and salary workers								Government		
				Total ³	Construc- tion	Manufacturing			Trans- porta- tion, com- muni- cations, and pub- lic utilities	Trade	Finance, insurance, and real estate			Ser- vices ⁴
						Total	Durable goods	Non- durable goods						
Men														
Alabama	1,119	100.0	96.7	76.4	9.7	23.1	14.7	8.5	5.3	19.1	3.7	14.6	12.1	3.1
Alaska	161	100.0	98.8	62.7	9.9	3.1	1.2	1.9	9.9	17.4	2.5	16.1	23.6	1.2
Arizona	1,193	100.0	95.6	77.4	12.0	15.2	11.3	3.9	6.2	20.5	5.2	17.9	11.5	4.4
Arkansas	603	100.0	94.7	74.6	8.1	22.1	12.1	10.0	7.8	20.4	2.7	13.1	11.4	5.3
California	8,565	100.0	94.6	72.9	6.8	16.8	11.4	5.5	6.3	18.8	4.1	19.9	10.8	5.2
Colorado	1,161	100.0	97.1	76.1	10.4	14.0	8.4	5.6	7.0	18.8	4.6	20.4	13.4	2.8
Connecticut	872	100.0	98.6	80.5	7.0	24.2	16.4	7.8	7.7	17.7	7.1	16.9	10.4	1.3
Delaware	199	100.0	98.0	78.4	9.5	16.1	6.5	9.5	7.5	17.6	8.5	19.1	12.6	2.0
District of Columbia	120	100.0	100.0	70.0	3.3	3.3	(⁵)	2.5	5.8	14.2	5.8	36.7	24.2	(⁵)
Florida	3,703	100.0	96.6	79.0	11.2	10.4	6.8	3.7	8.3	23.0	5.1	20.8	10.7	3.2
Georgia	2,010	100.0	97.1	79.5	9.6	22.2	11.3	10.9	10.4	18.5	4.4	14.2	10.6	2.8
Hawaii	277	100.0	93.9	68.6	8.7	4.0	.7	3.2	10.5	19.5	4.3	21.7	17.3	6.1
Idaho	346	100.0	91.6	70.5	9.5	19.7	11.8	7.8	6.4	18.5	2.6	13.0	13.3	8.4
Illinois	3,160	100.0	98.0	82.4	7.9	23.4	15.0	8.4	8.5	18.6	5.5	18.2	10.2	2.0
Indiana	1,592	100.0	96.6	81.7	7.7	31.9	25.4	6.5	7.1	17.1	3.2	14.4	8.7	3.3
Iowa	816	100.0	90.4	71.9	7.5	21.6	12.4	9.2	5.5	19.7	4.2	13.1	10.9	9.4
Kansas	723	100.0	93.5	72.2	7.7	19.9	13.3	6.6	6.9	16.7	3.7	16.5	12.9	6.4
Kentucky	986	100.0	96.1	79.4	10.8	21.0	13.3	7.7	9.1	18.5	3.0	14.6	10.8	3.7
Louisiana	1,042	100.0	97.0	76.0	9.1	15.8	6.5	9.3	7.6	19.1	2.6	16.2	12.3	2.8
Maine	328	100.0	96.0	73.5	7.0	22.0	11.9	10.1	5.8	19.8	3.4	15.5	10.4	3.7
Maryland	1,380	100.0	97.3	70.4	10.7	9.5	5.7	3.8	5.7	17.2	6.4	20.9	20.4	2.5
Massachusetts	1,661	100.0	98.2	79.2	7.0	19.8	13.1	6.7	5.5	18.8	5.6	22.2	10.4	1.6
Michigan	2,624	100.0	97.1	83.2	7.7	33.2	27.1	6.1	4.5	18.7	3.3	15.7	8.3	2.8
Minnesota	1,380	100.0	94.1	75.8	7.2	19.6	13.2	6.4	5.9	20.5	4.1	17.8	10.9	5.7
Mississippi	634	100.0	95.6	75.1	9.5	23.7	14.5	9.1	9.0	15.0	2.7	12.6	13.1	4.3
Missouri	1,460	100.0	95.3	77.2	9.3	18.2	10.5	7.7	8.7	20.1	3.4	17.2	11.7	4.7
Montana	235	100.0	89.8	59.1	7.2	9.4	7.2	2.1	7.2	19.6	1.7	13.2	16.6	9.8
Nebraska	471	100.0	86.2	69.6	7.0	15.5	7.9	7.6	7.4	19.5	5.7	14.2	10.8	13.6
Nevada	484	100.0	97.9	82.0	13.2	7.0	4.3	2.7	6.0	17.8	3.3	32.9	9.3	1.9
New Hampshire	334	100.0	98.2	79.3	6.9	25.7	18.9	6.9	6.6	18.9	4.2	16.5	9.9	1.8
New Jersey	2,106	100.0	98.7	81.2	7.7	17.0	8.2	8.9	9.5	19.7	6.9	20.1	11.4	1.2
New Mexico	420	100.0	95.0	66.7	8.6	8.1	5.7	2.4	6.7	18.6	2.4	17.6	18.3	4.8
New York	4,483	100.0	98.4	76.2	6.6	13.4	8.1	5.3	8.0	20.2	7.4	20.5	15.2	1.5
North Carolina	1,968	100.0	95.7	77.4	9.0	26.2	14.0	12.1	6.9	18.0	3.1	14.0	10.2	4.3
North Dakota	175	100.0	81.7	61.1	7.4	9.7	6.9	2.9	6.9	20.0	2.3	13.1	13.7	17.7
Ohio	2,868	100.0	97.5	80.8	6.6	28.5	20.2	8.3	6.8	18.4	3.5	16.2	10.7	2.3
Oklahoma	838	100.0	95.3	72.2	7.5	17.8	11.8	5.8	7.6	19.3	2.4	14.0	14.2	4.7
Oregon	917	100.0	94.0	73.2	7.9	21.9	16.1	5.8	6.2	17.9	2.8	16.5	10.9	5.9
Pennsylvania	2,996	100.0	97.8	79.5	7.0	23.0	14.9	8.1	7.8	17.8	4.2	19.3	9.8	2.2
Rhode Island	246	100.0	98.8	81.3	6.5	24.8	16.7	8.1	4.9	19.9	4.9	19.9	10.2	1.2
South Carolina	969	100.0	97.4	80.0	9.9	28.9	14.7	14.2	6.4	18.0	3.7	12.9	9.9	2.5
South Dakota	204	100.0	86.8	63.2	6.9	14.2	9.3	4.9	4.4	20.1	4.4	11.8	14.7	13.2
Tennessee	1,389	100.0	96.8	73.9	8.1	22.4	14.8	7.6	8.0	17.7	3.2	14.3	11.4	3.1
Texas	5,358	100.0	95.3	77.0	9.4	17.7	10.2	7.5	8.7	19.1	3.6	16.4	10.5	4.5
Utah	560	100.0	96.4	77.3	11.1	15.5	11.4	4.1	5.7	18.8	5.0	19.1	12.3	3.4
Vermont	167	100.0	95.8	73.1	7.2	18.6	13.2	5.4	4.2	18.0	3.0	21.6	9.6	3.6
Virginia	1,834	100.0	98.0	77.0	9.1	15.2	8.5	6.7	7.6	18.9	4.9	20.8	14.6	1.9
Washington	1,582	100.0	95.2	75.2	9.2	20.2	15.3	5.0	6.9	18.2	3.8	16.6	12.9	4.6
West Virginia	401	100.0	98.3	74.8	7.0	15.2	8.7	6.5	8.5	19.7	2.0	16.5	14.5	1.5
Wisconsin	1,511	100.0	96.6	77.8	8.3	28.7	19.6	9.1	5.1	17.8	3.3	14.6	11.1	3.2
Wyoming	134	100.0	91.8	67.9	8.2	6.7	3.7	3.0	9.7	17.2	1.5	11.2	15.7	8.2

See footnotes at end of table.

Table 17. States: Percent distribution of employed persons by sex, race, Hispanic origin, and industry, 1998 annual averages — Continued

Population group and State	Total employed ¹		Nonagricultural industries										Agriculture	
	Number (In thousands)	Percent	Total ²	Private nonagricultural wage and salary workers								Government		
				Total ³	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate			Services ⁴
						Total	Durable goods	Non-durable goods						
Women														
Alabama	943	100.0	97.8	74.9	1.6	13.5	5.2	8.3	2.3	22.0	7.1	28.4	18.2	1.2
Alaska	137	100.0	99.3	62.0	2.2	2.9	.7	2.2	6.6	18.2	5.1	26.3	26.3	.7
Arizona	985	100.0	97.8	76.4	2.2	7.8	5.9	1.9	4.0	22.5	8.2	31.6	15.2	1.2
Arkansas	546	100.0	96.3	72.5	1.1	14.7	6.2	8.2	3.1	20.9	6.0	26.6	16.8	1.8
California	6,796	100.0	95.6	70.0	.9	10.8	6.2	4.6	3.6	18.2	6.9	29.5	17.4	1.6
Colorado	998	100.0	97.8	74.0	1.9	7.8	4.8	3.0	3.8	19.2	8.5	32.8	15.2	1.2
Connecticut	780	100.0	98.3	81.0	.9	13.7	9.0	4.7	3.7	14.2	9.9	38.6	12.2	.6
Delaware	178	100.0	97.8	78.1	1.1	8.4	1.7	7.3	3.4	21.3	14.0	29.8	15.2	1.7
District of Columbia	123	100.0	98.4	64.2	.8	1.6	(⁵)	1.6	4.1	8.9	3.3	43.9	29.3	(⁵)
Florida	3,215	100.0	97.4	78.4	1.6	6.1	3.3	2.8	4.6	22.1	10.3	33.6	14.7	1.2
Georgia	1,842	100.0	97.2	73.3	.8	14.2	5.5	8.6	5.1	18.4	6.7	28.0	19.1	1.1
Hawaii	282	100.0	97.5	69.9	1.1	2.1	(⁵)	2.1	5.7	23.0	7.8	30.1	20.2	1.8
Idaho	274	100.0	94.2	64.6	1.1	10.6	4.7	5.8	2.9	19.3	5.5	24.5	20.1	3.6
Illinois	2,786	100.0	97.9	79.9	.9	12.2	6.4	5.8	4.3	20.6	8.7	33.3	13.7	.9
Indiana	1,400	100.0	98.0	80.2	1.1	17.7	13.1	4.6	3.7	19.8	8.1	29.8	12.2	1.4
Iowa	710	100.0	96.3	74.5	.7	11.0	5.1	5.9	2.8	20.1	8.9	31.1	15.6	2.8
Kansas	634	100.0	96.4	68.8	.9	9.6	4.6	4.9	3.5	18.3	6.5	29.7	19.9	2.5
Kentucky	849	100.0	97.6	75.6	1.2	11.7	6.4	5.4	2.9	23.3	6.5	30.0	17.2	.9
Louisiana	903	100.0	96.9	71.4	1.0	6.0	1.4	4.5	3.3	22.0	6.3	31.6	19.7	1.1
Maine	294	100.0	97.3	74.1	1.0	10.2	3.4	6.8	2.0	21.1	7.8	32.7	14.3	1.4
Maryland	1,250	100.0	98.0	65.4	1.4	4.3	1.8	2.6	2.6	15.6	8.5	33.0	26.5	.6
Massachusetts	1,504	100.0	97.9	79.0	.9	10.4	5.8	4.5	3.1	18.8	8.0	37.8	12.8	1.0
Michigan	2,211	100.0	98.0	77.8	.9	13.5	9.5	3.9	2.5	21.5	6.7	32.7	15.1	.6
Minnesota	1,233	100.0	97.4	74.1	.7	10.5	5.7	4.7	3.7	19.3	8.3	31.6	16.5	1.6
Mississippi	567	100.0	96.5	69.8	.5	14.6	6.7	8.1	2.3	18.9	6.5	26.8	21.2	2.1
Missouri	1,278	100.0	97.7	75.6	1.3	9.9	5.2	4.6	3.2	19.0	8.1	34.1	16.4	1.6
Montana	207	100.0	93.7	64.3	1.0	3.9	2.4	1.4	2.4	21.3	5.3	30.0	18.8	4.3
Nebraska	421	100.0	94.3	72.4	1.0	6.9	3.3	3.6	3.6	20.7	8.8	31.6	16.6	4.8
Nevada	397	100.0	97.7	77.1	1.5	3.0	1.5	1.5	3.5	18.9	8.1	41.8	14.4	1.3
New Hampshire	299	100.0	98.0	75.6	.7	14.4	11.4	3.0	2.3	19.1	7.0	32.4	16.1	1.0
New Jersey	1,857	100.0	98.1	78.5	.5	9.7	3.4	6.2	4.4	18.3	8.5	37.1	15.6	.6
New Mexico	360	100.0	96.7	63.6	1.1	4.4	2.5	1.9	3.3	19.4	6.7	28.1	23.9	1.9
New York	3,889	100.0	97.2	73.4	.8	9.4	4.1	5.4	3.4	17.0	9.0	33.7	19.0	.6
North Carolina	1,695	100.0	97.8	76.0	.8	18.3	7.7	10.6	2.2	19.4	6.8	28.5	17.2	1.5
North Dakota	161	100.0	93.8	68.9	.6	4.3	1.9	2.5	3.1	22.4	5.6	32.9	19.9	5.0
Ohio	2,569	100.0	98.0	78.8	1.0	11.9	6.6	5.3	2.5	23.2	7.4	32.8	13.7	1.2
Oklahoma	716	100.0	96.9	70.8	.6	7.8	4.7	3.1	3.2	20.9	6.8	30.6	19.6	2.1
Oregon	747	100.0	96.3	69.7	1.3	9.5	5.5	4.0	3.2	19.8	7.1	28.8	16.9	2.3
Pennsylvania	2,665	100.0	97.6	80.6	.6	11.4	5.3	6.2	3.3	20.1	7.6	37.4	12.2	1.4
Rhode Island	227	100.0	99.1	82.4	1.3	15.0	9.7	5.7	1.3	20.3	9.7	34.8	12.8	.4
South Carolina	915	100.0	97.6	71.6	.9	15.4	6.0	9.4	2.5	21.2	5.8	25.8	22.2	1.2
South Dakota	182	100.0	95.1	68.7	.5	9.9	5.5	4.4	2.2	19.2	7.7	28.6	19.2	4.4
Tennessee	1,255	100.0	97.8	75.1	1.0	13.9	8.2	5.7	3.3	18.6	8.0	30.0	16.1	1.5
Texas	4,274	100.0	96.5	73.0	1.4	8.1	3.9	4.2	4.6	20.6	7.3	30.1	17.7	1.7
Utah	463	100.0	98.1	73.2	1.3	8.9	5.0	3.9	4.1	22.5	6.9	29.2	18.1	1.1
Vermont	153	100.0	96.7	75.8	.7	10.5	5.9	4.6	2.0	19.6	5.2	37.3	13.1	2.0
Virginia	1,553	100.0	97.5	73.0	.9	9.1	4.1	5.0	3.5	16.9	9.4	33.0	20.0	1.3
Washington	1,313	100.0	96.8	71.5	1.3	8.7	5.6	3.0	3.1	21.9	6.5	30.2	17.9	1.8
West Virginia	346	100.0	96.5	69.4	.9	6.4	2.3	4.0	2.9	21.7	7.2	30.1	20.8	1.2
Wisconsin	1,341	100.0	98.3	77.0	.9	14.8	8.4	6.5	2.6	20.2	8.8	29.7	15.9	1.1
Wyoming	111	100.0	93.7	58.6	1.8	2.7	.9	1.8	2.7	20.7	5.4	23.4	25.2	5.4

See footnotes at end of table.

Table 17. States: Percent distribution of employed persons by sex, race, Hispanic origin, and industry, 1998 annual averages — Continued

Population group and State	Total employed ¹		Nonagricultural industries										Agriculture	
	Number (In thousands)	Percent	Total ²	Private nonagricultural wage and salary workers								Government		
				Total ³	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate			Services ⁴
						Total	Durable goods	Non-durable goods						
White														
Alabama	1,563	100.0	97.1	75.4	6.4	16.8	9.9	6.9	4.3	20.5	5.8	21.2	13.8	2.5
Alaska	246	100.0	98.8	64.2	6.9	3.3	.8	2.0	8.9	17.5	3.7	21.5	21.5	.8
Arizona	2,010	100.0	96.4	77.0	8.0	11.5	8.8	2.8	5.1	21.3	6.7	24.1	12.7	3.1
Arkansas	972	100.0	95.2	73.4	5.1	17.5	9.1	8.3	5.8	21.2	4.7	18.8	13.0	4.0
California	12,394	100.0	94.3	71.4	4.7	13.8	8.8	5.1	5.0	19.0	5.1	23.5	12.8	4.2
Colorado	2,031	100.0	97.2	75.1	6.5	11.2	6.7	4.5	5.5	18.9	6.5	26.0	13.9	2.2
Connecticut	1,452	100.0	98.4	80.7	4.5	19.4	12.8	6.6	5.5	16.3	8.5	26.4	10.8	1.1
Delaware	293	100.0	96.9	78.2	5.8	12.3	4.4	7.8	4.8	20.5	10.2	24.2	13.3	2.4
District of Columbia	102	100.0	99.0	69.6	2.0	3.9	(⁵)	3.9	3.9	8.8	4.9	46.1	22.5	(⁵)
Florida	5,763	100.0	97.1	79.0	7.1	8.4	5.2	3.2	6.6	22.7	7.9	26.3	12.0	2.2
Georgia	2,659	100.0	97.0	75.8	6.7	16.5	8.2	8.4	7.5	18.3	6.4	20.2	14.0	2.5
Hawaii	145	100.0	94.5	66.9	4.8	2.1	.7	1.4	6.9	20.0	6.2	26.9	15.2	4.1
Idaho	605	100.0	92.7	68.1	6.0	15.5	8.6	6.9	5.0	19.0	4.0	18.2	15.9	6.3
Illinois	5,012	100.0	97.6	81.7	5.1	18.8	11.5	7.3	6.1	20.0	7.2	24.3	10.8	1.8
Indiana	2,765	100.0	97.1	80.9	4.8	25.5	19.7	5.8	5.5	18.4	5.5	21.2	9.9	2.6
Iowa	1,476	100.0	93.1	73.1	4.4	16.7	9.0	7.7	4.3	19.8	6.4	21.2	12.8	6.5
Kansas	1,236	100.0	94.4	70.3	4.7	14.9	9.3	5.6	5.2	17.3	5.1	22.6	15.9	5.0
Kentucky	1,711	100.0	96.6	77.2	6.7	16.3	9.8	6.5	6.2	20.7	4.7	21.1	13.8	2.6
Louisiana	1,364	100.0	96.8	74.3	5.8	10.8	4.7	6.1	5.5	19.4	4.8	23.7	14.3	2.3
Maine	616	100.0	96.6	73.7	4.1	16.2	8.0	8.4	3.9	20.3	5.4	23.7	12.3	2.6
Maryland	1,854	100.0	97.3	69.6	7.7	6.9	4.2	2.8	3.8	16.7	8.1	26.4	20.2	2.1
Massachusetts	2,958	100.0	98.0	78.9	4.3	15.1	9.6	5.5	4.5	19.0	6.8	29.2	11.5	1.4
Michigan	4,194	100.0	97.3	80.9	5.0	24.1	19.0	5.0	3.6	20.6	4.8	22.8	10.7	2.1
Minnesota	2,472	100.0	95.5	74.6	4.2	14.9	9.3	5.5	4.9	20.1	6.1	24.0	13.5	3.9
Mississippi	794	100.0	96.2	71.0	6.2	14.6	8.2	6.4	6.4	16.1	5.3	20.7	16.9	3.4
Missouri	2,475	100.0	96.2	76.6	5.9	14.9	8.5	6.4	6.0	20.0	5.3	24.5	13.0	3.5
Montana	416	100.0	91.3	62.3	4.1	7.0	5.0	1.9	5.0	20.4	3.6	21.4	15.9	7.7
Nebraska	846	100.0	89.6	70.2	4.1	11.2	5.7	5.6	5.7	19.7	7.2	22.1	13.9	9.8
Nevada	769	100.0	97.7	79.3	8.5	5.5	3.3	2.2	4.7	18.5	5.3	35.5	11.4	1.7
New Hampshire	615	100.0	98.0	76.9	3.9	19.7	14.8	4.9	4.6	19.0	5.5	24.1	13.2	1.5
New Jersey	3,190	100.0	98.4	80.1	4.8	13.8	6.0	7.8	7.1	19.3	7.7	27.4	12.6	1.1
New Mexico	688	100.0	95.3	66.0	5.2	6.3	4.1	2.2	5.2	19.0	4.4	23.0	19.2	3.9
New York	6,684	100.0	97.8	74.9	4.3	12.1	6.9	5.2	5.7	19.4	8.0	25.4	16.4	1.2
North Carolina	2,789	100.0	96.4	76.2	5.4	21.4	10.9	10.4	4.7	19.2	5.1	20.2	12.9	3.2
North Dakota	324	100.0	87.0	64.8	4.3	7.1	4.3	2.8	4.9	21.6	4.0	22.2	16.0	12.3
Ohio	4,808	100.0	97.6	80.0	4.2	21.2	14.0	7.2	4.6	21.0	5.1	23.5	11.9	1.9
Oklahoma	1,317	100.0	95.7	71.6	4.3	12.6	8.3	4.3	5.8	20.2	4.9	21.4	16.2	3.8
Oregon	1,539	100.0	94.9	71.3	4.9	16.1	11.4	4.7	4.9	18.3	4.7	22.3	13.7	4.4
Pennsylvania	5,119	100.0	97.7	80.0	4.2	18.1	10.9	7.2	5.8	19.1	5.6	26.9	10.6	1.9
Rhode Island	442	100.0	98.9	81.4	4.3	19.7	13.1	6.6	3.4	20.6	7.0	26.7	11.5	.9
South Carolina	1,408	100.0	97.7	75.8	5.7	21.2	9.4	11.9	4.2	20.0	5.4	19.2	15.2	1.9
South Dakota	366	100.0	90.2	66.4	4.1	12.3	7.9	4.4	3.6	20.2	6.3	19.7	15.3	9.6
Tennessee	2,177	100.0	97.1	74.2	5.2	19.1	12.3	6.8	4.7	18.6	5.3	21.1	12.6	2.6
Texas	8,194	100.0	95.3	75.0	6.4	13.5	7.5	6.1	6.7	19.5	5.4	21.8	13.2	3.7
Utah	983	100.0	97.2	74.9	6.7	12.0	7.9	4.1	4.9	20.4	5.8	23.6	15.3	2.3
Vermont	314	100.0	96.2	74.2	4.1	14.3	9.6	5.1	3.2	18.5	4.1	29.3	11.1	2.9
Virginia	2,618	100.0	97.6	75.5	6.3	12.0	6.3	5.7	5.8	17.3	7.1	26.7	16.0	1.9
Washington	2,635	100.0	95.7	73.6	5.9	14.6	10.7	3.9	5.0	19.9	5.1	22.7	14.6	3.6
West Virginia	722	100.0	97.4	71.9	4.2	11.2	5.7	5.5	6.0	20.6	4.3	22.2	17.7	1.2
Wisconsin	2,683	100.0	97.3	78.0	5.0	22.3	14.4	7.9	4.1	19.1	6.0	21.4	12.6	2.4
Wyoming	238	100.0	92.0	63.4	5.5	5.0	2.5	2.5	6.3	18.9	3.4	16.4	20.2	7.1

See footnotes at end of table.

Table 17. States: Percent distribution of employed persons by sex, race, Hispanic origin, and industry, 1998 annual averages — Continued

Population group and State	Total employed ¹		Nonagricultural industries										Agriculture	
	Number (In thousands)	Percent	Total ²	Private nonagricultural wage and salary workers								Government		
				Total ³	Construc- tion	Manufacturing			Trans- porta- tion, com- muni- cations, and pub- lic utilities	Trade	Finance, insurance, and real estate			Ser- vices ⁴
						Total	Durable goods	Non- durable goods						
Black														
Alabama	473	100.0	97.3	76.3	5.1	24.1	11.6	12.5	3.0	20.3	3.8	19.5	18.6	1.5
Alaska	10	100.0	100.0	60.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	10.0	10.0	20.0	30.0	(⁵)
Arizona	75	100.0	98.7	74.7	(⁵)	12.0	6.7	5.3	6.7	20.0	5.3	30.7	21.3	(⁵)
Arkansas	158	100.0	97.5	74.7	3.2	23.4	10.1	13.9	5.1	15.8	2.5	24.7	20.9	1.9
California	987	100.0	98.6	67.7	2.5	8.5	5.0	3.5	7.8	13.9	5.7	29.3	25.6	.6
Colorado	57	100.0	100.0	77.2	3.5	8.8	7.0	3.5	5.3	19.3	8.8	29.8	19.3	1.8
Connecticut	174	100.0	98.9	81.0	1.1	16.7	10.9	5.2	8.6	14.4	6.9	33.3	14.4	(⁵)
Delaware	74	100.0	100.0	79.7	4.1	13.5	2.7	10.8	9.5	14.9	14.9	23.0	17.6	(⁵)
District of Columbia	135	100.0	98.5	64.4	3.0	1.5	(⁵)	.7	5.9	13.3	3.7	37.0	29.6	(⁵)
Florida	986	100.0	96.0	76.7	5.2	8.6	5.0	3.5	7.1	20.6	6.6	28.4	16.4	2.4
Georgia	1,137	100.0	97.4	77.2	2.5	22.8	9.4	13.4	9.1	17.9	3.6	21.4	16.9	1.0
Hawaii	8	100.0	100.0	75.0	(⁵)	(⁵)	(⁵)	(⁵)	12.5	12.5	(⁵)	37.5	25.0	(⁵)
Illinois	720	100.0	99.3	76.8	2.2	13.2	6.9	6.3	9.4	15.6	6.5	30.0	20.3	.1
Indiana	190	100.0	99.5	79.5	.5	23.7	18.9	4.7	6.8	18.9	5.3	24.7	17.4	.5
Iowa	21	100.0	100.0	66.7	(⁵)	19.0	9.5	9.5	(⁵)	28.6	4.8	14.3	28.6	(⁵)
Kansas	78	100.0	98.7	73.1	2.6	16.7	9.0	7.7	9.0	20.5	5.1	20.5	20.5	(⁵)
Kentucky	106	100.0	100.0	83.0	1.9	20.8	14.2	6.6	6.6	20.8	3.8	29.2	15.1	(⁵)
Louisiana	536	100.0	97.6	72.6	4.5	12.9	3.2	9.7	5.8	21.8	3.2	22.8	20.0	1.1
Maryland	670	100.0	98.5	62.8	3.6	7.2	3.3	3.9	5.7	16.4	5.8	24.2	32.8	.4
Massachusetts	135	100.0	98.5	80.7	1.5	18.5	9.6	8.1	3.7	13.3	6.7	37.8	14.8	.7
Michigan	525	100.0	98.9	78.7	2.1	23.4	18.7	4.8	4.2	15.8	5.1	27.6	17.3	.2
Minnesota	65	100.0	98.5	80.0	1.5	12.3	7.7	6.2	9.2	20.0	7.7	29.2	15.4	1.5
Mississippi	394	100.0	95.7	75.9	3.6	29.2	16.0	12.9	4.8	18.3	3.0	16.2	16.8	3.3
Missouri	226	100.0	99.6	73.5	2.7	6.6	1.8	4.4	7.5	17.7	7.5	31.4	23.9	(⁵)
Nebraska	26	100.0	96.2	84.6	3.8	15.4	7.7	7.7	7.7	23.1	7.7	30.8	3.8	(⁵)
Nevada	55	100.0	100.0	83.6	3.6	1.8	(⁵)	1.8	9.1	14.5	7.3	47.3	12.7	(⁵)
New Hampshire	6	100.0	100.0	83.3	16.7	33.3	16.7	(⁵)	(⁵)	16.7	(⁵)	33.3	(⁵)	(⁵)
New Jersey	566	100.0	98.4	76.9	2.8	11.5	5.3	6.2	8.5	16.1	7.6	30.4	19.8	.4
New Mexico	15	100.0	100.0	66.7	6.7	6.7	6.7	(⁵)	6.7	13.3	6.7	26.7	26.7	(⁵)
New York	1,207	100.0	97.6	71.9	2.7	7.1	3.2	4.0	7.1	13.7	8.0	33.4	22.5	.5
North Carolina	757	100.0	97.4	78.7	3.7	25.0	11.5	13.5	5.5	17.4	3.8	23.2	15.6	2.1
Ohio	539	100.0	98.7	79.4	2.2	16.3	10.8	5.6	7.2	17.6	6.5	29.3	13.9	.7
Oklahoma	126	100.0	97.6	73.0	2.4	14.3	9.5	4.8	4.8	19.8	1.6	27.8	21.4	1.6
Oregon	33	100.0	100.0	66.7	3.0	9.1	3.0	6.1	6.1	18.2	15.2	12.1	18.2	(⁵)
Pennsylvania	420	100.0	98.6	79.3	2.1	9.5	4.3	5.2	5.5	16.2	7.6	38.1	16.0	.5
Rhode Island	22	100.0	95.5	81.8	(⁵)	22.7	13.6	4.5	4.5	13.6	9.1	31.8	9.1	(⁵)
South Carolina	464	100.0	97.0	76.1	5.4	25.9	13.8	12.1	5.6	18.1	2.6	18.5	17.9	1.7
South Dakota	2	100.0	100.0	50.0	(⁵)	50.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Tennessee	446	100.0	98.9	76.2	2.5	15.0	8.7	6.1	11.4	15.0	6.7	25.8	18.6	1.1
Texas	1,098	100.0	98.6	74.8	2.3	11.1	4.7	6.4	9.1	20.5	5.4	25.9	19.1	.8
Utah	7	100.0	100.0	71.4	(⁵)	14.3	14.3	(⁵)	14.3	(⁵)	(⁵)	14.3	28.6	(⁵)
Vermont	1	100.0	100.0	100.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	100.0	(⁵)	(⁵)	(⁵)	(⁵)
Virginia	642	100.0	98.4	73.2	1.9	15.3	7.9	7.3	6.2	19.3	6.5	24.0	22.3	.8
Washington	73	100.0	100.0	69.9	1.4	13.7	9.6	4.1	9.6	16.4	2.7	26.0	28.8	(⁵)
West Virginia	20	100.0	100.0	80.0	(⁵)	10.0	10.0	(⁵)	5.0	20.0	5.0	40.0	10.0	5.0
Wisconsin	100	100.0	100.0	71.0	2.0	19.0	13.0	6.0	1.0	16.0	6.0	27.0	20.0	(⁵)
Wyoming	2	100.0	100.0	100.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	50.0	(⁵)	50.0	(⁵)	(⁵)

See footnotes at end of table.

Table 17. States: Percent distribution of employed persons by sex, race, Hispanic origin, and industry, 1998 annual averages — Continued

Population group and State	Total employed ¹		Nonagricultural industries										Agriculture	
	Number (In thousands)	Percent	Total ²	Private nonagricultural wage and salary workers								Government		
				Total ³	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate			Services ⁴
						Total	Durable goods	Non-durable goods						
Hispanic origin														
Alabama	20	100.0	95.0	85.0	(⁵)	25.0	20.0	10.0	(⁵)	30.0	(⁵)	25.0	10.0	(⁵)
Alaska	7	100.0	100.0	85.7	14.3	(⁵)	(⁵)	(⁵)	(⁵)	28.6	(⁵)	28.6	(⁵)	(⁵)
Arizona	535	100.0	92.9	78.1	11.0	12.3	8.4	3.9	5.0	24.5	4.1	20.6	9.3	6.5
Arkansas	17	100.0	94.1	82.4	11.8	47.1	17.6	29.4	(⁵)	17.6	(⁵)	5.9	5.9	5.9
California	4,130	100.0	88.1	72.9	5.3	18.7	10.4	8.3	4.7	21.6	3.1	19.4	9.9	8.8
Colorado	281	100.0	95.7	74.7	7.8	17.1	6.0	11.0	5.3	20.6	3.2	19.9	16.7	3.6
Connecticut	132	100.0	97.7	82.6	3.8	27.3	20.5	6.8	4.5	18.9	5.3	22.0	11.4	(⁵)
Delaware	14	100.0	100.0	85.7	(⁵)	14.3	7.1	7.1	7.1	28.6	14.3	28.6	7.1	(⁵)
District of Columbia	16	100.0	93.8	81.3	6.3	(⁵)	(⁵)	(⁵)	6.3	25.0	6.3	37.5	12.5	(⁵)
Florida	1,158	100.0	95.3	83.2	6.6	9.6	5.3	4.3	10.4	23.3	7.3	25.9	7.2	3.1
Georgia	101	100.0	91.1	78.2	19.8	22.8	6.9	15.8	4.0	13.9	6.9	10.9	9.9	5.9
Hawaii	16	100.0	93.8	68.8	6.3	6.3	(⁵)	6.3	6.3	18.8	6.3	31.3	12.5	6.3
Idaho	57	100.0	80.7	71.9	3.5	29.8	10.5	19.3	3.5	21.1	1.8	10.5	5.3	19.3
Illinois	529	100.0	97.5	89.4	5.7	33.3	20.2	13.0	4.2	23.1	4.2	19.1	5.5	1.9
Indiana	63	100.0	98.4	79.4	6.3	38.1	31.7	6.3	(⁵)	12.7	3.2	20.6	7.9	1.6
Iowa	34	100.0	94.1	88.2	8.8	41.2	2.9	35.3	2.9	20.6	(⁵)	14.7	5.9	5.9
Kansas	58	100.0	94.8	81.0	15.5	17.2	10.3	6.9	6.9	20.7	3.4	17.2	8.6	3.4
Kentucky	16	100.0	81.3	68.8	6.3	12.5	(⁵)	6.3	(⁵)	12.5	(⁵)	43.8	6.3	12.5
Louisiana	47	100.0	95.7	87.2	8.5	10.6	6.4	4.3	8.5	34.0	6.4	17.0	6.4	2.1
Maryland	116	100.0	87.9	70.7	14.7	3.4	2.6	1.7	1.7	21.6	6.9	22.4	14.7	4.3
Massachusetts	130	100.0	95.4	86.2	3.1	17.7	9.2	8.5	3.1	23.1	3.8	36.9	4.6	.8
Michigan	143	100.0	96.5	87.4	4.9	30.1	21.7	8.4	3.5	26.6	3.5	18.2	6.3	2.8
Minnesota	57	100.0	100.0	93.0	(⁵)	21.1	15.8	5.3	1.8	33.3	8.8	28.1	3.5	(⁵)
Mississippi	14	100.0	92.9	85.7	7.1	42.9	14.3	21.4	(⁵)	7.1	(⁵)	21.4	14.3	(⁵)
Missouri	34	100.0	91.2	82.4	2.9	26.5	11.8	14.7	2.9	32.4	(⁵)	14.7	5.9	8.8
Montana	8	100.0	100.0	75.0	12.5	(⁵)	(⁵)	(⁵)	(⁵)	25.0	(⁵)	12.5	12.5	12.5
Nebraska	29	100.0	100.0	86.2	6.9	41.4	6.9	34.5	3.4	17.2	3.4	13.8	10.3	(⁵)
Nevada	129	100.0	94.6	87.6	13.2	5.4	1.6	3.9	2.3	17.8	3.1	45.0	3.1	3.9
New Hampshire	8	100.0	100.0	87.5	(⁵)	25.0	12.5	12.5	(⁵)	25.0	(⁵)	37.5	(⁵)	(⁵)
New Jersey	437	100.0	98.4	86.5	4.3	22.7	8.0	14.6	7.8	21.3	4.8	25.4	9.8	.7
New Mexico	290	100.0	94.1	67.9	5.9	6.6	4.5	2.1	4.8	23.4	4.5	18.6	19.7	4.8
New York	1,101	100.0	96.1	80.6	4.1	12.6	4.9	7.7	5.4	26.2	7.7	24.5	11.6	1.0
North Carolina	108	100.0	76.9	69.4	10.2	29.6	13.9	15.7	2.8	13.9	.9	10.2	4.6	23.1
North Dakota	2	100.0	100.0	100.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	50.0	(⁵)	(⁵)	(⁵)	(⁵)
Ohio	72	100.0	98.6	86.1	4.2	30.6	20.8	11.1	5.6	26.4	1.4	18.1	8.3	1.4
Oklahoma	48	100.0	93.8	83.3	8.3	16.7	10.4	6.3	2.1	27.1	2.1	20.8	8.3	6.3
Oregon	125	100.0	75.2	65.6	7.2	20.8	13.6	7.2	1.6	17.6	1.6	16.8	7.2	24.8
Pennsylvania	116	100.0	96.6	81.0	9.5	20.7	9.5	11.2	5.2	19.0	4.3	23.3	11.2	3.4
Rhode Island	27	100.0	96.3	92.6	(⁵)	44.4	33.3	14.8	(⁵)	14.8	7.4	25.9	(⁵)	(⁵)
South Carolina	15	100.0	93.3	73.3	26.7	13.3	6.7	13.3	(⁵)	6.7	(⁵)	20.0	6.7	(⁵)
South Dakota	5	100.0	80.0	60.0	(⁵)	20.0	(⁵)	20.0	(⁵)	20.0	(⁵)	20.0	20.0	20.0
Tennessee	19	100.0	89.5	84.2	15.8	15.8	10.5	5.3	(⁵)	21.1	(⁵)	36.8	(⁵)	15.8
Texas	2,695	100.0	93.7	76.6	9.6	16.3	7.5	8.8	5.8	21.6	3.5	18.8	12.5	4.3
Utah	62	100.0	98.4	87.1	17.7	21.0	14.5	6.5	4.8	21.0	4.8	19.4	6.5	1.6
Vermont	2	100.0	100.0	50.0	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	50.0	(⁵)	(⁵)	(⁵)	(⁵)
Virginia	106	100.0	94.3	83.0	12.3	6.6	.9	5.7	3.8	25.5	2.8	31.1	8.5	1.9
Washington	127	100.0	77.2	65.4	10.2	7.1	3.1	3.9	1.6	19.7	1.6	25.2	9.4	21.3
Wisconsin	48	100.0	100.0	83.3	6.3	35.4	12.5	20.8	2.1	20.8	2.1	18.8	12.5	(⁵)
Wyoming	11	100.0	90.9	81.8	9.1	9.1	9.1	(⁵)	9.1	18.2	(⁵)	18.2	9.1	9.1

¹ Includes private household workers, self-employed and unpaid family workers, and mining.

² Includes self-employed and unpaid family workers and mining.

³ Includes mining.

⁴ Excludes private household workers.

⁵ Less than 500 persons employed or less than 0.05 percent of total employed.

NOTE: Data for demographic groups are not shown when they do not meet BLS

publication standards of reliability for the particular area based on the sample in that area. See appendix B. Items may not add to totals or compute to displayed percentages because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the default other races/default group are not presented and Hispanics are included in both the white and black population groups.

Table 18. States: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages

(Numbers in thousands)

Population group and State	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
TOTAL											
Alabama	1,983	86	264	182	1,451	137	689	223	402	39.3	43.0
Alaska	278	18	35	26	199	29	77	31	62	39.9	44.3
Arizona	2,101	86	243	211	1,560	132	782	224	423	39.6	43.3
Arkansas	1,106	51	137	93	825	60	431	123	211	39.4	43.0
California	14,725	704	1,912	1,385	10,724	844	5,629	1,494	2,758	38.8	42.8
Colorado	2,073	111	257	190	1,514	141	620	271	482	39.7	43.6
Connecticut	1,574	74	208	154	1,138	132	510	189	307	38.9	43.0
Delaware	362	17	46	30	269	32	131	41	66	38.8	42.4
District of Columbia	235	8	23	21	182	13	100	22	46	39.9	42.5
Florida	6,634	243	724	537	5,130	445	2,586	750	1,349	40.1	43.3
Georgia	3,702	142	409	303	2,848	219	1,451	445	733	39.9	43.0
Hawaii	532	25	75	59	373	28	217	42	87	38.3	42.4
Idaho	594	40	80	58	415	48	171	75	122	38.9	43.7
Illinois	5,683	263	698	535	4,187	368	1,981	686	1,152	39.4	43.3
Indiana	2,868	159	347	255	2,107	175	894	393	645	39.8	43.9
Iowa	1,468	85	200	129	1,054	105	419	205	324	39.5	44.0
Kansas	1,306	88	168	123	928	76	391	153	308	39.6	44.4
Kentucky	1,745	85	198	157	1,305	138	601	225	341	39.5	43.0
Louisiana	1,859	84	216	156	1,403	125	717	194	367	40.0	43.3
Maine	594	37	80	68	409	53	168	74	114	38.5	43.0
Maryland	2,521	117	253	235	1,916	164	923	288	540	40.3	43.4
Massachusetts	3,019	165	412	322	2,121	222	1,043	316	540	38.2	42.6
Michigan	4,619	263	590	401	3,365	279	1,478	593	1,016	39.3	43.9
Minnesota	2,511	164	362	255	1,730	171	693	327	540	38.7	43.8
Mississippi	1,151	49	112	90	900	76	489	111	224	40.2	43.1
Missouri	2,632	142	327	244	1,920	169	877	343	531	39.2	43.0
Montana	420	33	64	42	280	31	116	45	89	38.3	44.1
Nebraska	862	56	115	77	614	57	227	113	217	40.0	45.1
Nevada	846	31	86	66	663	46	384	89	144	39.7	42.7
New Hampshire	606	34	82	58	433	53	167	87	125	39.0	43.5
New Jersey	3,794	167	475	321	2,831	342	1,402	401	686	38.9	42.5
New Mexico	748	34	101	79	534	51	264	76	143	39.0	43.3
New York	7,964	371	1,077	655	5,862	884	2,847	728	1,402	38.6	42.5
North Carolina	3,529	141	363	302	2,723	221	1,484	405	613	39.4	42.3
North Dakota	322	22	47	28	226	23	87	40	76	39.6	44.7
Ohio	5,179	271	665	452	3,790	325	1,702	679	1,084	39.3	43.6
Oklahoma	1,488	77	176	136	1,099	107	519	167	305	39.4	43.2
Oregon	1,585	108	211	161	1,105	111	488	195	312	38.4	43.2
Pennsylvania	5,427	313	736	482	3,895	410	1,825	633	1,028	38.7	43.1
Rhode Island	448	24	65	52	308	42	141	52	72	37.7	41.9
South Carolina	1,810	78	193	139	1,399	137	699	212	352	39.9	43.3
South Dakota	367	26	50	33	259	24	99	45	90	39.7	45.0
Tennessee	2,527	115	294	223	1,895	180	882	327	507	39.6	43.0
Texas	9,265	395	1,007	776	7,087	579	3,373	1,109	2,026	40.4	43.6
Utah	981	70	148	94	670	59	319	104	187	37.7	43.0
Vermont	303	23	42	31	207	24	81	40	62	38.3	43.7
Virginia	3,244	157	368	288	2,431	203	1,163	380	685	39.7	43.2
Washington	2,753	176	355	288	1,935	179	865	357	533	38.6	43.0
West Virginia	705	38	87	71	509	53	252	78	126	38.8	42.7
Wisconsin	2,726	174	349	254	1,949	206	753	395	596	39.3	44.1
Wyoming	234	17	30	20	167	15	69	27	56	40.0	45.4

See footnotes at end of table.

Table 18. States: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Population group and State	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
Men											
Alabama	1,082	31	106	74	872	49	387	133	303	42.3	44.9
Alaska	151	7	13	12	119	13	44	18	44	43.4	46.2
Arizona	1,164	28	88	93	955	59	458	134	303	42.3	44.6
Arkansas	582	17	52	39	474	22	221	76	154	42.4	44.8
California	8,284	270	782	653	6,580	398	3,257	926	1,999	41.2	43.9
Colorado	1,118	40	91	88	899	63	342	157	337	42.5	45.0
Connecticut	836	25	70	64	679	43	279	121	236	42.3	44.9
Delaware	192	6	17	12	157	11	72	26	48	41.7	44.3
District of Columbia	117	4	10	9	95	5	50	10	29	41.6	43.7
Florida	3,575	103	274	223	2,975	172	1,389	428	986	42.5	44.9
Georgia	1,954	50	146	124	1,634	89	727	264	554	43.0	44.8
Hawaii	265	9	27	25	204	12	113	25	54	40.5	43.2
Idaho	333	14	29	26	264	19	105	47	93	42.4	45.3
Illinois	3,045	98	246	238	2,463	148	1,071	410	833	42.3	44.8
Indiana	1,536	57	114	101	1,264	66	493	240	464	43.1	45.6
Iowa	791	33	70	53	633	40	224	125	245	43.0	46.1
Kansas	701	25	66	57	553	31	213	91	218	43.2	46.2
Kentucky	950	31	70	69	781	52	329	137	263	42.8	45.0
Louisiana	1,001	27	87	62	824	42	373	127	282	43.5	45.6
Maine	315	16	30	25	243	21	95	45	82	41.3	44.4
Maryland	1,335	45	101	106	1,084	59	491	169	366	42.7	44.9
Massachusetts	1,600	59	128	123	1,290	82	610	208	390	41.4	44.0
Michigan	2,528	92	192	169	2,075	111	830	374	760	42.8	45.5
Minnesota	1,339	65	134	94	1,046	71	384	202	389	42.1	45.4
Mississippi	614	21	49	37	508	29	239	69	171	42.7	45.0
Missouri	1,421	61	143	112	1,104	69	469	194	372	41.4	44.5
Montana	226	12	23	18	172	12	67	28	65	42.1	46.1
Nebraska	459	20	41	33	365	19	118	67	162	44.3	47.6
Nevada	469	12	36	29	392	18	212	56	106	41.8	43.9
New Hampshire	322	11	24	25	262	22	95	55	91	42.4	44.9
New Jersey	2,035	52	167	137	1,679	114	796	257	512	42.0	44.2
New Mexico	406	11	39	34	321	21	153	46	101	41.9	44.5
New York	4,312	131	368	296	3,517	346	1,669	467	1,034	41.6	44.0
North Carolina	1,916	52	150	140	1,574	87	793	243	450	41.6	43.6
North Dakota	169	8	16	10	134	8	44	24	58	44.2	47.5
Ohio	2,767	88	239	186	2,254	115	929	409	801	42.6	45.3
Oklahoma	810	28	73	60	649	41	279	105	224	42.3	44.8
Oregon	881	40	77	70	694	49	293	124	228	41.5	44.4
Pennsylvania	2,897	107	241	209	2,340	149	1,016	396	779	42.2	44.8
Rhode Island	236	7	21	23	184	16	81	33	55	41.2	43.8
South Carolina	940	24	70	58	788	45	353	128	263	43.0	45.3
South Dakota	196	10	18	13	155	10	51	27	68	43.8	47.3
Tennessee	1,342	44	110	97	1,091	62	466	196	368	42.4	44.6
Texas	5,205	152	406	334	4,314	243	1,865	691	1,514	43.2	45.3
Utah	541	26	54	41	420	26	182	67	145	41.2	44.5
Vermont	159	8	14	11	125	9	46	26	45	42.1	45.2
Virginia	1,773	54	151	123	1,446	84	641	234	486	42.3	44.6
Washington	1,514	65	133	128	1,188	76	513	220	380	41.4	44.0
West Virginia	383	15	30	31	308	22	145	48	93	41.6	44.1
Wisconsin	1,457	64	116	99	1,178	81	415	239	444	43.0	45.9
Wyoming	129	6	11	8	104	7	37	17	43	44.2	47.7

See footnotes at end of table.

Table 18. States: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Population group and State	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
Women											
Alabama	900	55	158	109	579	88	302	90	99	35.8	40.4
Alaska	127	11	22	14	80	16	33	13	19	35.8	41.4
Arizona	937	58	155	118	606	72	324	90	120	36.2	41.5
Arkansas	524	34	85	55	351	37	209	47	57	36.2	40.7
California	6,441	434	1,131	732	4,144	446	2,371	568	759	35.7	41.1
Colorado	954	71	166	102	615	78	278	114	145	36.4	41.8
Connecticut	737	49	138	91	459	89	231	68	71	35.0	40.4
Delaware	169	11	29	18	112	21	58	15	17	35.5	40.0
District of Columbia	118	5	14	12	87	8	51	12	17	38.3	41.1
Florida	3,059	140	450	314	2,155	273	1,197	322	364	37.1	41.1
Georgia	1,748	92	263	179	1,214	131	724	181	179	36.5	40.7
Hawaii	267	16	47	33	170	15	104	17	33	36.0	41.5
Idaho	261	26	52	32	151	29	65	28	29	34.3	41.0
Illinois	2,638	165	452	297	1,724	220	910	275	318	36.1	41.3
Indiana	1,332	102	233	154	843	108	401	153	181	35.9	41.5
Iowa	677	52	129	76	420	65	196	80	79	35.3	41.1
Kansas	605	62	102	66	375	45	178	62	90	35.4	41.8
Kentucky	795	55	129	88	524	86	272	88	78	35.6	40.1
Louisiana	858	56	129	94	579	83	344	67	85	36.0	40.3
Maine	279	20	50	42	166	32	73	29	32	35.3	40.9
Maryland	1,185	72	152	129	832	106	433	120	174	37.6	41.5
Massachusetts	1,419	106	283	199	831	140	433	108	150	34.5	40.5
Michigan	2,092	172	398	232	1,291	168	648	218	256	35.2	41.5
Minnesota	1,172	99	228	161	684	101	309	124	151	34.9	41.5
Mississippi	537	28	63	54	392	47	250	41	54	37.2	40.6
Missouri	1,212	81	183	132	815	100	408	148	159	36.7	41.0
Montana	194	21	40	24	109	18	49	17	24	33.9	41.1
Nebraska	403	36	74	44	249	38	110	46	55	35.2	41.6
Nevada	377	19	50	37	271	27	172	33	39	37.0	40.9
New Hampshire	284	22	58	34	170	31	73	32	34	35.1	41.4
New Jersey	1,759	115	309	184	1,152	228	607	144	174	35.4	40.2
New Mexico	342	23	61	45	213	29	111	30	43	35.7	41.4
New York	3,652	240	709	358	2,345	538	1,178	261	368	35.0	40.3
North Carolina	1,613	89	213	162	1,150	134	691	162	163	36.7	40.5
North Dakota	153	13	31	18	91	15	43	16	18	34.6	40.7
Ohio	2,412	183	427	266	1,536	210	772	271	283	35.5	41.4
Oklahoma	678	49	103	77	450	67	240	62	81	36.1	40.9
Oregon	704	68	134	90	411	62	195	71	84	34.6	41.4
Pennsylvania	2,530	206	495	273	1,556	262	808	237	249	34.7	40.7
Rhode Island	212	16	44	29	123	27	61	19	17	33.9	39.2
South Carolina	870	54	123	81	611	92	346	84	90	36.4	40.9
South Dakota	172	16	32	20	104	14	49	18	22	35.0	41.7
Tennessee	1,185	71	184	126	804	118	416	131	139	36.4	40.7
Texas	4,060	242	601	442	2,774	337	1,508	418	511	36.7	41.1
Utah	440	44	94	53	249	34	137	37	42	33.4	40.6
Vermont	144	15	29	19	81	15	35	15	17	34.2	41.4
Virginia	1,471	103	217	165	985	119	522	145	199	36.5	41.2
Washington	1,238	111	222	160	746	103	353	137	154	35.2	41.3
West Virginia	322	24	57	40	201	31	107	30	33	35.3	40.6
Wisconsin	1,269	110	234	154	771	125	338	156	152	35.1	41.4
Wyoming	105	11	19	12	63	8	31	10	13	34.9	41.9

See footnotes at end of table.

Table 18. States: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Population group and State	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
Both sexes, 16 to 19 years											
Alabama	116	18	55	12	31	7	16	4	4	25.3	39.6
Alaska	15	3	5	1	6	2	2	1	1	27.6	40.4
Arizona	125	19	47	13	46	7	27	6	6	27.6	40.7
Arkansas	57	8	24	6	20	4	11	3	3	27.8	39.9
California	684	125	269	77	214	37	135	18	24	25.9	39.6
Colorado	106	23	37	11	35	6	18	5	6	26.3	40.3
Connecticut	76	19	36	6	15	3	9	2	2	22.3	37.8
Delaware	23	4	8	2	9	2	5	1	1	27.6	37.6
District of Columbia	6	1	2	1	2	(¹)	1	(¹)	(¹)	24.9	38.3
Florida	327	44	131	34	118	28	63	11	16	27.6	39.6
Georgia	176	25	79	17	55	13	29	7	7	26.5	40.3
Hawaii	15	5	7	2	2	1	1	(¹)	(¹)	20.4	34.8
Idaho	47	11	17	4	14	4	6	2	2	24.9	40.4
Illinois	326	67	136	34	89	21	46	14	9	24.6	39.0
Indiana	179	43	73	13	50	8	27	7	8	24.3	39.6
Iowa	99	23	42	9	24	5	10	5	5	24.4	39.5
Kansas	96	24	34	10	28	3	15	5	6	25.2	39.8
Kentucky	95	16	39	7	33	9	15	6	3	26.6	39.5
Louisiana	96	16	38	9	33	6	18	3	6	27.1	38.7
Maine	32	9	12	2	8	2	4	1	1	23.1	39.6
Maryland	108	19	35	15	39	8	23	3	5	27.6	40.0
Massachusetts	152	45	61	12	34	7	20	4	3	22.2	38.1
Michigan	315	75	125	27	88	19	42	14	13	24.3	40.0
Minnesota	171	44	74	14	40	8	18	8	6	23.2	40.2
Mississippi	52	9	18	6	19	4	11	2	2	27.2	38.3
Missouri	183	40	69	19	55	10	30	7	7	25.6	39.2
Montana	29	7	9	3	9	2	4	1	1	25.0	40.2
Nebraska	71	18	26	7	20	4	8	4	4	24.8	41.0
Nevada	44	5	16	6	17	3	11	1	1	28.7	39.0
New Hampshire	35	9	15	3	8	2	3	2	1	22.8	39.8
New Jersey	175	39	77	12	47	10	29	5	3	23.7	37.9
New Mexico	38	6	17	5	11	2	7	1	1	25.8	38.4
New York	328	81	142	22	83	17	47	8	11	23.4	40.0
North Carolina	174	37	61	18	58	14	33	7	4	25.8	38.2
North Dakota	25	7	9	3	7	1	3	1	1	24.1	40.5
Ohio	302	63	138	32	69	16	32	11	10	24.0	39.4
Oklahoma	84	15	32	10	27	6	14	4	4	26.2	38.5
Oregon	95	25	31	8	31	7	16	3	5	25.1	39.5
Pennsylvania	284	74	113	23	75	16	40	8	11	23.9	40.1
Rhode Island	23	6	10	2	5	1	2	1	1	22.8	39.2
South Carolina	92	21	36	9	26	4	16	3	2	24.6	38.7
South Dakota	31	7	10	3	10	2	6	1	1	25.6	39.2
Tennessee	141	23	54	15	49	7	27	8	6	27.0	39.9
Texas	498	79	203	52	164	41	77	20	26	26.9	39.8
Utah	99	20	38	11	30	5	18	3	4	25.6	39.3
Vermont	17	5	6	2	4	1	2	1	(¹)	22.6	38.8
Virginia	155	28	75	14	37	8	19	3	7	24.3	40.2
Washington	145	33	53	16	43	11	18	7	7	25.3	39.1
West Virginia	36	8	15	4	9	2	4	1	2	24.6	40.9
Wisconsin	180	47	66	16	51	13	22	8	8	24.5	40.5
Wyoming	20	5	7	2	6	1	2	1	1	25.4	40.8

See footnotes at end of table.

Table 18. States: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Population group and State	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
White											
Alabama	1,506	69	195	131	1,112	100	486	177	349	39.9	43.8
Alaska	229	14	27	22	166	21	63	27	55	40.7	44.9
Arizona	1,938	80	225	195	1,438	123	716	206	393	39.6	43.3
Arkansas	937	46	117	76	699	48	348	110	193	39.7	43.4
California	11,871	598	1,569	1,114	8,590	704	4,334	1,247	2,305	38.8	42.9
Colorado	1,950	108	242	181	1,419	134	573	259	452	39.6	43.6
Connecticut	1,382	67	182	131	1,002	117	424	176	285	39.1	43.4
Delaware	281	14	37	23	208	24	96	33	54	38.8	42.6
District of Columbia	98	4	9	8	76	6	28	13	29	41.8	44.3
Florida	5,518	214	601	445	4,258	359	2,061	648	1,190	40.2	43.5
Georgia	2,550	107	294	207	1,942	149	898	331	564	40.1	43.6
Hawaii	136	8	21	13	93	9	41	12	31	39.2	44.3
Idaho	579	39	79	57	404	47	165	73	119	38.8	43.7
Illinois	4,785	238	600	454	3,493	310	1,541	615	1,027	39.5	43.5
Indiana	2,650	151	319	233	1,948	158	810	371	608	39.8	44.0
Iowa	1,419	81	192	123	1,022	104	399	201	318	39.6	44.1
Kansas	1,189	82	149	113	846	70	346	142	287	39.7	44.6
Kentucky	1,627	78	184	147	1,218	128	549	216	324	39.6	43.1
Louisiana	1,305	64	156	112	973	88	444	148	293	40.3	43.9
Maine	587	36	79	67	405	52	165	74	114	38.5	43.0
Maryland	1,781	88	189	164	1,340	117	574	215	434	40.7	44.3
Massachusetts	2,825	157	392	307	1,969	208	945	301	515	38.1	42.6
Michigan	4,009	231	514	350	2,914	250	1,200	542	923	39.5	44.2
Minnesota	2,375	158	341	237	1,639	163	639	316	520	38.8	43.9
Mississippi	763	34	70	55	604	46	304	80	174	40.9	43.8
Missouri	2,375	133	301	217	1,725	151	762	320	492	39.2	43.1
Montana	395	32	60	39	263	28	106	44	86	38.4	44.2
Nebraska	817	53	109	73	582	55	211	108	208	40.1	45.2
Nevada	739	28	76	57	578	40	327	79	132	39.8	42.8
New Hampshire	588	33	79	57	419	52	159	85	122	39.0	43.5
New Jersey	3,051	142	392	262	2,255	268	1,061	343	583	38.9	42.7
New Mexico	658	31	90	68	469	46	224	67	132	39.1	43.5
New York	6,338	319	875	543	4,601	659	2,129	617	1,196	38.6	42.8
North Carolina	2,683	111	280	220	2,071	159	1,074	322	516	39.6	42.7
North Dakota	311	21	45	27	218	22	82	39	75	39.7	44.8
Ohio	4,578	246	589	397	3,346	287	1,453	624	983	39.4	43.8
Oklahoma	1,263	66	147	118	932	89	427	147	269	39.6	43.3
Oregon	1,465	99	197	147	1,022	104	451	182	286	38.4	43.1
Pennsylvania	4,905	291	671	436	3,508	357	1,598	592	960	38.7	43.3
Rhode Island	418	22	60	49	287	40	130	49	68	37.8	41.9
South Carolina	1,352	60	144	96	1,053	100	503	162	288	40.3	43.8
South Dakota	349	25	47	31	246	23	92	44	87	39.8	45.2
Tennessee	2,077	98	249	183	1,546	150	679	286	431	39.5	43.1
Texas	7,882	346	863	662	6,011	494	2,756	976	1,784	40.4	43.8
Utah	942	68	143	90	640	57	301	101	181	37.7	43.0
Vermont	298	23	42	31	203	23	79	40	61	38.3	43.7
Virginia	2,506	130	286	219	1,872	153	856	307	556	39.8	43.4
Washington	2,503	161	330	265	1,747	162	760	332	493	38.5	43.0
West Virginia	681	37	83	68	493	52	243	76	123	38.8	42.7
Wisconsin	2,563	165	325	238	1,834	190	694	382	569	39.4	44.2
Wyoming	226	17	29	20	161	14	66	26	54	40.0	45.4

See footnotes at end of table.

Table 18. States: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Population group and State	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
Black											
Alabama	452	16	66	47	323	33	198	42	50	37.6	40.8
Alaska	9	1	1	1	6	1	3	(¹)	1	36.5	39.4
Arizona	73	1	8	7	57	5	31	6	15	41.1	43.9
Arkansas	151	5	19	17	111	9	75	11	16	38.2	40.7
California	944	27	110	100	707	49	440	78	140	39.0	41.8
Colorado	55	2	8	3	42	2	23	5	11	39.1	42.6
Connecticut	167	6	23	20	117	14	77	10	17	37.1	40.1
Delaware	71	3	8	6	54	7	30	7	9	38.5	41.5
District of Columbia	130	4	14	13	100	6	70	9	15	38.5	40.8
Florida	950	24	107	82	738	77	449	86	125	39.2	42.0
Georgia	1,098	34	113	93	858	68	530	106	154	39.3	41.7
Hawaii	8	(¹)	1	(¹)	6	(¹)	3	1	2	42.3	49.4
Illinois	692	16	80	66	530	47	352	49	82	38.6	41.4
Indiana	182	7	25	21	129	15	67	18	28	38.5	42.0
Iowa	19	3	3	2	11	1	7	2	2	33.4	40.3
Kansas	75	4	11	6	54	5	29	8	13	38.1	42.1
Kentucky	102	6	13	9	74	8	46	7	13	37.5	41.4
Louisiana	510	19	56	41	394	33	258	42	61	38.8	41.3
Maryland	637	26	57	65	489	43	308	62	76	38.6	40.6
Massachusetts	128	6	13	9	99	11	61	10	17	39.0	42.1
Michigan	499	27	66	42	364	26	228	40	70	38.1	42.1
Minnesota	62	1	12	9	39	4	22	4	9	36.7	40.6
Mississippi	374	14	40	35	287	29	180	30	47	38.7	41.4
Missouri	220	7	22	24	166	16	95	20	35	39.3	42.2
Nebraska	25	1	2	3	20	1	10	3	5	40.7	42.3
Nevada	54	2	4	4	44	3	32	5	4	38.4	40.6
New Hampshire	6	1	1	1	3	(¹)	1	1	2	37.6	46.5
New Jersey	541	17	65	47	412	57	247	43	65	38.4	41.1
New Mexico	15	1	2	2	11	2	5	2	3	39.1	43.1
New York	1,161	41	155	81	885	168	531	71	115	37.4	40.5
North Carolina	734	27	72	68	567	55	364	68	81	38.4	40.7
Ohio	515	22	65	49	379	35	219	47	79	38.4	41.8
Oklahoma	120	6	16	10	87	11	51	11	15	37.9	41.6
Oregon	31	2	5	6	19	1	8	3	6	39.8	45.0
Pennsylvania	402	16	51	40	295	43	180	29	43	37.4	40.6
Rhode Island	21	1	4	3	13	2	7	2	2	35.9	40.9
South Carolina	445	17	47	43	338	36	191	49	62	38.7	41.7
South Dakota	2	(¹)	(¹)	(¹)	1	(¹)	(¹)	(¹)	(¹)	37.5	43.3
Tennessee	430	17	44	39	330	29	192	38	70	39.3	41.9
Texas	1,053	38	115	93	807	68	474	98	166	39.5	42.2
Utah	7	1	1	1	4	1	2	(¹)	1	34.1	41.0
Vermont	1	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	34.7	48.1
Virginia	616	25	65	58	467	44	258	59	106	39.3	42.3
Washington	71	3	8	5	55	6	29	6	13	41.7	45.1
West Virginia	19	1	3	3	12	1	7	1	2	35.7	40.3
Wisconsin	95	4	14	8	70	11	37	7	15	38.8	41.6
Wyoming	2	(¹)	(¹)	(¹)	2	(¹)	1	(¹)	1	40.6	45.6

See footnotes at end of table.

Table 18. States: Persons at work by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

(Numbers in thousands)

Population group and State	Total at work	Hours of work								Average hours	
		1 to 14 hours	15 to 29 hours	30 to 34 hours	35 hours and over					Total at work	Persons who usually work full time
					Total	35 to 39 hours	40 hours	41 to 48 hours	49 hours and over		
Hispanic origin											
Alabama	19	(¹)	2	1	15	2	5	5	3	40.8	44.5
Alaska	7	1	1	1	5	1	2	(¹)	2	41.0	46.7
Arizona	523	12	50	49	411	33	251	48	78	39.6	42.0
Arkansas	17	(¹)	1	1	15	1	8	3	3	43.0	44.7
California	3,993	142	478	385	2,987	240	1,874	395	478	38.2	41.4
Colorado	271	11	27	35	199	23	101	29	46	39.2	41.9
Connecticut	128	4	18	13	93	7	57	11	17	38.3	42.3
Delaware	13	(¹)	1	2	10	1	6	1	2	39.0	41.0
District of Columbia	15	1	2	1	12	1	7	1	2	38.8	42.1
Florida	1,118	26	112	88	892	64	543	114	171	39.6	41.9
Georgia	96	3	9	10	74	7	36	11	20	40.3	43.9
Hawaii	16	1	3	2	10	1	5	2	2	37.2	42.6
Idaho	55	1	7	5	42	6	23	5	8	38.9	41.3
Illinois	513	8	39	51	415	35	247	62	72	40.0	42.0
Indiana	60	3	5	4	47	1	22	6	18	43.1	47.6
Iowa	33	2	3	4	24	3	9	5	6	39.6	43.1
Kansas	55	2	7	8	39	3	21	5	9	39.2	42.7
Kentucky	15	1	(¹)	1	13	(¹)	8	1	3	40.1	42.8
Louisiana	45	2	5	3	35	5	19	4	8	40.4	42.6
Maryland	114	2	12	14	86	8	55	8	15	39.1	41.6
Massachusetts	124	5	13	15	92	8	63	10	11	37.5	40.7
Michigan	139	3	15	13	108	7	60	19	22	40.2	43.1
Minnesota	56	1	4	4	46	8	22	4	11	41.8	44.7
Mississippi	13	(¹)	1	1	10	1	6	2	2	40.9	42.2
Missouri	33	1	3	4	26	1	11	4	9	41.5	43.8
Montana	8	1	1	(¹)	6	1	2	1	2	37.3	44.4
Nebraska	29	1	3	3	23	2	12	5	4	39.8	43.5
Nevada	125	3	10	9	102	8	71	10	13	39.3	41.4
New Hampshire	8	(¹)	1	1	6	1	2	1	2	41.4	46.1
New Jersey	423	12	46	34	331	37	194	40	59	38.9	41.5
New Mexico	277	12	44	31	191	19	114	23	35	37.4	41.7
New York	1,061	28	130	76	827	130	458	80	159	39.1	41.9
North Carolina	105	2	12	5	86	13	47	14	12	39.1	40.4
North Dakota	2	(¹)	(¹)	(¹)	1	(¹)	(¹)	(¹)	(¹)	37.8	45.8
Ohio	68	3	5	6	54	4	30	8	12	39.1	41.8
Oklahoma	47	3	5	5	35	3	21	5	6	37.6	40.7
Oregon	121	6	19	12	85	9	46	10	19	38.1	42.5
Pennsylvania	113	5	14	12	82	12	44	12	15	38.5	41.2
Rhode Island	26	(¹)	2	4	20	2	13	3	2	39.0	40.4
South Carolina	15	1	1	1	13	1	5	3	4	42.7	46.6
South Dakota	5	(¹)	(¹)	1	3	(¹)	1	1	1	38.1	41.3
Tennessee	18	(¹)	3	2	14	2	7	3	2	39.8	42.0
Texas	2,598	88	296	234	1,979	186	1,082	286	425	39.3	42.3
Utah	60	1	7	6	46	4	27	6	9	39.5	41.7
Vermont	1	(¹)	(¹)	(¹)	1	(¹)	(¹)	(¹)	(¹)	28.4	39.8
Virginia	102	5	14	9	74	7	37	12	18	39.0	42.2
Washington	123	3	14	14	93	9	49	14	20	39.4	41.1
Wisconsin	45	2	3	4	36	3	18	5	9	42.0	45.5
Wyoming	10	1	1	1	7	(¹)	4	1	2	40.6	44.5

¹ Less than 500 persons.

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

because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 19. States: Persons at work 1 to 34 hours by sex, race, reason for working less than 35 hours, and usual status, 1998 annual averages

(In thousands)

Population group and State	Usually work full time						Usually work part time							
	Total	Slack work or business conditions	Vacation or personal day	Holiday, legal or religious	Weather-related curtailment	Other reasons ¹	Total	Slack work or business conditions	Could only find part-time work	Child-care problems	Other family or personal obligations	In school or training	Retired or Social Security limit on earnings	Other reasons ²
TOTAL														
Alabama	216	20	51	67	8	70	316	14	19	8	65	117	37	56
Alaska	32	3	9	7	(³)	13	47	4	6	1	11	10	2	13
Arizona	201	15	49	63	4	70	340	23	18	21	66	102	26	84
Arkansas	115	16	32	20	5	42	167	8	9	3	39	54	19	35
California	1,416	176	351	392	45	452	2,585	241	200	87	553	777	161	566
Colorado	220	18	81	44	3	74	338	12	13	9	92	101	25	86
Connecticut	149	6	42	58	5	38	287	15	23	18	81	69	25	56
Delaware	35	2	12	8	1	12	57	2	5	2	13	17	6	12
District of Columbia	26	2	7	9	(³)	8	27	3	3	1	3	8	3	6
Florida	563	54	160	136	10	203	941	63	58	48	154	268	97	253
Georgia	353	34	100	85	19	115	501	22	23	17	114	138	47	140
Hawaii	60	8	12	27	(³)	13	99	10	13	2	19	28	8	19
Idaho	62	9	17	13	2	21	117	7	8	2	35	35	9	21
Illinois	545	34	170	181	25	135	951	39	55	39	213	303	100	202
Indiana	277	17	87	63	25	85	484	15	20	14	136	149	52	98
Iowa	145	12	44	33	13	43	269	7	13	5	74	91	31	48
Kansas	135	8	40	34	6	47	243	7	13	6	63	90	29	35
Kentucky	182	16	48	46	8	64	259	12	22	10	52	75	25	63
Louisiana	192	22	47	47	12	64	264	18	23	8	48	81	19	67
Maine	69	6	17	20	6	20	115	7	9	3	26	26	14	30
Maryland	284	15	79	97	11	82	321	17	21	14	85	86	42	56
Massachusetts	312	14	68	145	10	75	586	19	25	32	170	172	55	113
Michigan	396	39	121	105	10	121	858	31	63	29	220	290	76	149
Minnesota	261	18	104	56	6	77	520	16	23	10	149	166	49	107
Mississippi	107	13	24	25	6	39	144	8	14	3	23	43	14	39
Missouri	294	19	94	68	18	95	418	14	22	11	80	164	54	73
Montana	45	5	14	9	1	16	95	6	10	1	25	26	8	19
Nebraska	83	6	27	18	7	25	165	6	6	2	45	62	15	29
Nevada	68	9	19	15	1	24	115	8	7	4	22	29	10	35
New Hampshire	61	3	17	22	4	15	112	4	5	4	35	33	12	19
New Jersey	368	20	106	128	7	107	595	27	42	29	139	171	57	130
New Mexico	73	7	21	22	1	22	141	10	12	3	33	36	12	35
New York	734	45	199	287	10	193	1,368	87	130	77	304	356	111	303
North Carolina	344	36	87	106	18	97	462	20	25	17	75	142	59	124
North Dakota	33	3	11	7	2	10	64	2	5	1	16	22	6	12
Ohio	455	35	146	124	9	141	933	29	54	45	230	290	83	202
Oklahoma	153	11	49	37	6	50	236	11	13	7	51	76	26	52
Oregon	168	18	42	36	20	52	312	25	20	6	79	68	20	94
Pennsylvania	517	34	166	148	15	154	1,014	46	75	45	289	272	104	183
Rhode Island	58	3	12	29	1	13	83	3	7	7	20	21	7	18
South Carolina	142	19	37	31	6	49	269	8	16	4	49	91	23	78
South Dakota	35	2	11	7	4	11	74	2	3	1	14	28	10	16
Tennessee	257	24	61	56	24	92	375	17	21	12	78	107	43	97
Texas	895	86	241	195	54	319	1,282	72	86	50	239	414	97	324
Utah	101	7	36	21	3	34	211	7	5	8	65	85	11	30
Vermont	31	2	10	8	1	10	66	3	4	2	21	16	8	12
Virginia	340	18	111	99	11	101	473	24	25	17	117	138	41	111
Washington	314	34	86	71	15	108	504	28	28	12	131	148	29	128
West Virginia	75	8	19	23	3	22	121	6	16	2	27	32	11	27
Wisconsin	256	22	91	51	7	85	520	22	20	11	162	166	58	81
Wyoming	20	2	7	5	1	5	47	3	4	(³)	15	15	4	6

See footnotes at end of table.

Table 19. States: Persons at work 1 to 34 hours by sex, race, reason for working less than 35 hours, and usual status, 1998 annual averages — Continued

(In thousands)

Population group and State	Usually work full time						Usually work part time							
	Total	Slack work or business conditions	Vacation or personal day	Holiday, legal or religious	Weather-related curtailment	Other reasons ¹	Total	Slack work or business conditions	Could only find part-time work	Child-care problems	Other family or personal obligations	In school or training	Retired or Social Security limit on earnings	Other reasons ²
Men														
Alabama	99	10	22	31	8	28	112	5	6	(3)	2	55	24	20
Alaska	17	2	5	4	(3)	6	15	2	2	(3)	1	4	1	5
Arizona	101	9	25	32	3	32	109	10	9	(3)	4	41	12	33
Arkansas	53	8	16	10	4	15	55	4	3	(3)	3	24	10	11
California	758	120	189	190	42	217	946	123	81	5	53	377	88	219
Colorado	109	10	42	23	3	31	110	5	4	1	6	48	14	32
Connecticut	69	3	20	26	4	16	89	6	11	(3)	7	33	15	17
Delaware	16	1	5	4	1	5	19	1	2	(3)	(3)	9	3	4
District of Columbia	12	1	3	4	(3)	4	10	1	1	(3)	(3)	4	2	2
Florida	264	32	77	58	9	88	336	29	19	1	11	122	56	98
Georgia	172	24	52	39	19	38	148	11	6	(3)	8	62	25	36
Hawaii	31	5	7	13	(3)	6	31	4	6	(3)	2	9	4	6
Idaho	33	6	9	7	2	9	36	3	3	(3)	2	16	5	7
Illinois	270	22	84	86	15	63	312	18	24	2	9	133	51	75
Indiana	128	10	38	32	16	32	144	6	7	(3)	2	65	26	38
Iowa	72	7	22	16	8	19	86	3	5	(3)	5	42	16	15
Kansas	68	4	20	17	3	24	80	4	5	(3)	3	39	14	15
Kentucky	87	8	24	21	6	28	83	5	10	1	2	30	18	17
Louisiana	92	11	22	22	10	27	84	8	7	1	(3)	35	12	21
Maine	34	4	8	9	4	9	37	3	3	(3)	2	11	7	11
Maryland	139	10	36	47	10	36	112	7	6	(3)	3	46	28	22
Massachusetts	149	8	35	67	6	33	161	10	11	2	6	73	28	31
Michigan	200	22	64	53	7	54	253	15	18	1	10	129	41	39
Minnesota	131	11	55	25	4	36	162	7	8	1	9	82	29	26
Mississippi	54	8	13	11	4	18	53	3	6	(3)	2	23	8	11
Missouri	146	10	44	34	12	46	170	9	11	(3)	2	82	33	33
Montana	22	3	7	5	1	6	32	3	4	(3)	1	14	4	6
Nebraska	41	3	14	7	4	13	53	2	2	(3)	2	29	8	10
Nevada	34	5	9	7	1	12	43	4	2	(3)	2	14	6	15
New Hampshire	30	1	9	11	2	7	29	2	1	(3)	2	13	6	5
New Jersey	174	12	54	59	5	44	182	10	17	1	5	73	38	38
New Mexico	39	4	11	12	1	11	46	6	5	(3)	2	16	7	10
New York	362	28	103	137	7	87	434	39	53	1	20	153	63	105
North Carolina	177	23	45	51	18	40	166	11	9	(3)	3	63	35	45
North Dakota	16	2	5	3	1	5	19	1	2	(3)	1	9	3	3
Ohio	229	22	75	62	8	62	284	15	21	3	10	133	47	55
Oklahoma	79	8	28	18	5	20	82	5	6	(3)	3	36	14	18
Oregon	89	12	23	17	13	24	99	12	9	(3)	5	28	9	36
Pennsylvania	269	23	86	75	13	72	288	19	24	1	8	129	57	50
Rhode Island	27	2	5	14	1	5	25	2	3	(3)	1	8	4	7
South Carolina	68	11	17	16	6	18	84	4	5	(3)	3	40	8	24
South Dakota	17	1	6	3	2	5	24	1	1	(3)	1	12	4	5
Tennessee	130	15	29	27	20	39	121	6	4	(3)	6	45	26	34
Texas	456	52	127	87	42	148	436	31	35	2	13	192	51	112
Utah	53	3	20	10	3	17	68	3	2	(3)	3	41	6	13
Vermont	16	1	5	4	1	5	18	1	1	(3)	1	6	4	5
Virginia	172	9	63	46	9	45	155	10	11	(3)	6	71	21	36
Washington	168	22	46	35	12	53	158	12	10	(3)	7	69	15	45
West Virginia	38	4	9	10	3	12	37	3	7	(3)	2	13	6	6
Wisconsin	123	11	45	24	6	37	155	11	7	1	6	69	33	28
Wyoming	10	1	4	2	(3)	3	16	1	1	(3)	1	8	2	3

See footnotes at end of table.

Table 19. States: Persons at work 1 to 34 hours by sex, race, reason for working less than 35 hours, and usual status, 1998 annual averages — Continued

(In thousands)

Population group and State	Usually work full time						Usually work part time							
	Total	Slack work or business conditions	Vacation or personal day	Holiday, legal or religious	Weather-related curtailment	Other reasons ¹	Total	Slack work or business conditions	Could only find part-time work	Child-care problems	Other family or personal obligations	In school or training	Retired or Social Security limit on earnings	Other reasons ²
Women														
Alabama	117	10	28	36	(³)	43	204	9	13	8	63	62	14	35
Alaska	15	1	4	3	(³)	7	32	2	4	1	10	5	1	9
Arizona	100	6	24	31	1	38	231	13	9	20	62	61	14	52
Arkansas	62	8	17	11	1	25	112	4	6	3	36	29	9	25
California	658	56	163	202	4	233	1,639	118	118	82	501	400	73	347
Colorado	110	7	39	20	1	43	229	7	8	8	86	53	11	56
Connecticut	80	3	22	32	2	21	198	9	12	17	75	36	9	40
Delaware	19	1	7	4	(³)	7	39	1	3	2	13	8	3	9
District of Columbia	15	1	4	5	(³)	5	16	2	2	1	2	4	2	3
Florida	299	22	83	79	1	114	605	33	39	47	143	147	41	155
Georgia	181	10	48	46	(³)	77	353	11	18	17	106	76	21	104
Hawaii	29	3	5	14	(³)	7	68	6	8	2	18	19	5	10
Idaho	28	4	8	6	(³)	10	81	4	5	2	33	19	4	14
Illinois	275	11	85	96	10	73	639	21	32	37	204	170	50	125
Indiana	149	7	48	31	9	54	340	9	13	13	134	84	26	61
Iowa	73	6	23	17	5	22	184	4	8	4	69	49	15	35
Kansas	67	4	20	18	3	22	163	3	8	6	60	51	15	20
Kentucky	95	7	24	26	2	36	176	7	12	10	50	45	7	45
Louisiana	100	11	25	25	2	37	179	10	16	8	48	47	7	43
Maine	35	2	9	11	2	11	78	4	6	3	25	14	6	20
Maryland	145	6	42	50	(³)	47	209	11	15	14	81	40	14	34
Massachusetts	163	6	33	77	4	43	425	9	14	30	164	99	27	82
Michigan	196	17	57	52	3	67	605	16	44	28	210	161	35	111
Minnesota	130	6	49	31	2	42	358	9	15	9	140	84	21	80
Mississippi	53	6	12	14	2	19	91	5	8	3	21	21	7	26
Missouri	148	9	50	33	6	50	248	5	10	11	78	81	21	42
Montana	23	2	7	5	(³)	9	63	3	6	1	25	12	4	12
Nebraska	41	3	13	11	3	11	113	3	4	2	43	33	7	21
Nevada	34	4	9	8	(³)	13	72	5	5	4	20	15	4	19
New Hampshire	31	2	8	11	2	8	83	2	3	4	33	20	6	15
New Jersey	194	7	53	69	2	63	413	16	25	27	134	98	19	94
New Mexico	34	3	10	10	(³)	11	95	5	7	3	30	21	5	24
New York	373	17	96	149	3	108	935	48	77	75	284	203	48	200
North Carolina	167	14	42	55	(³)	56	297	9	17	17	72	79	24	79
North Dakota	17	1	6	5	(³)	5	45	1	3	1	15	13	3	9
Ohio	227	13	71	61	1	81	649	15	33	43	220	157	36	145
Oklahoma	74	4	21	20	1	28	155	6	7	7	48	40	11	36
Oregon	79	6	19	19	8	27	214	12	11	6	74	40	11	60
Pennsylvania	248	12	80	73	3	80	726	27	51	44	281	143	47	133
Rhode Island	31	1	7	15	(³)	8	58	1	4	7	19	13	3	11
South Carolina	74	8	20	16	(³)	30	185	4	11	4	46	50	15	55
South Dakota	18	1	5	4	2	6	50	1	2	1	13	16	5	12
Tennessee	127	10	32	29	4	52	254	10	17	12	72	62	17	64
Texas	439	35	114	108	12	170	847	42	50	48	226	221	45	215
Utah	48	3	16	11	(³)	18	143	4	4	8	62	44	5	16
Vermont	15	1	4	4	(³)	6	48	2	3	2	20	9	4	8
Virginia	167	8	49	53	1	56	318	14	14	17	111	67	20	75
Washington	146	12	40	36	4	54	346	15	18	12	124	79	14	84
West Virginia	38	3	10	12	(³)	13	84	3	9	2	26	18	5	21
Wisconsin	133	11	45	27	1	49	365	11	13	10	156	97	25	53
Wyoming	10	1	3	3	(³)	3	32	1	2	(³)	14	7	2	6

See footnotes at end of table.

Table 19. States: Persons at work 1 to 34 hours by sex, race, reason for working less than 35 hours, and usual status, 1998 annual averages — Continued

(In thousands)

Population group and State	Usually work full time						Usually work part time							
	Total	Slack work or business conditions	Vacation or personal day	Holiday, legal or religious	Weather-related curtailment	Other reasons ¹	Total	Slack work or business conditions	Could only find part-time work	Child-care problems	Other family or personal obligations	In school or training	Retired or Social Security limit on earnings	Other reasons ²
White														
Alabama	154	13	41	46	5	49	247	6	10	5	58	92	34	42
Alaska	26	2	8	6	(³)	10	39	2	4	1	10	8	2	12
Arizona	185	14	47	55	3	66	324	23	17	20	64	92	25	83
Arkansas	93	13	27	18	3	32	148	5	7	2	36	47	19	32
California	1,141	151	289	297	42	362	2,224	216	160	74	503	631	138	502
Colorado	209	17	77	41	3	71	335	12	13	9	93	98	25	85
Connecticut	124	5	35	47	5	32	263	14	16	17	80	62	24	50
Delaware	27	1	10	6	1	9	47	2	3	2	11	14	5	10
District of Columbia	11	1	4	4	(³)	2	10	1	(³)	(³)	1	3	1	4
Florida	472	44	139	115	8	166	810	46	44	40	142	229	88	221
Georgia	238	22	73	56	14	73	383	18	11	13	99	97	35	110
Hawaii	14	1	3	5	(³)	5	29	3	4	(³)	6	6	2	8
Idaho	61	9	16	13	2	21	119	8	8	2	36	35	9	21
Illinois	471	29	154	153	22	113	842	30	36	36	207	262	93	178
Indiana	252	16	80	58	22	76	463	15	17	12	135	137	50	97
Iowa	140	11	43	32	13	41	267	8	12	5	76	86	32	48
Kansas	124	7	37	32	6	42	226	6	12	4	61	81	28	34
Kentucky	170	15	47	42	8	58	245	11	20	10	50	68	24	62
Louisiana	138	13	37	36	7	45	198	12	11	6	42	63	15	49
Maine	69	6	16	19	6	22	118	7	9	3	27	26	14	32
Maryland	187	10	54	61	7	55	260	10	15	11	81	63	32	48
Massachusetts	295	13	64	137	9	72	574	19	23	31	169	167	53	112
Michigan	339	31	108	89	9	102	779	24	51	27	206	262	70	139
Minnesota	244	16	102	51	6	69	508	14	21	10	153	156	49	105
Mississippi	68	8	16	18	4	22	93	4	4	2	19	24	12	28
Missouri	266	18	88	60	18	82	395	14	17	10	77	155	52	70
Montana	41	5	13	9	1	13	93	6	9	1	25	25	8	19
Nebraska	79	6	26	17	6	24	160	6	5	2	45	59	14	29
Nevada	59	8	17	13	1	20	106	6	6	4	20	26	9	35
New Hampshire	60	3	17	22	4	14	113	4	5	4	35	32	12	21
New Jersey	296	17	90	102	6	81	514	18	30	26	130	138	53	119
New Mexico	64	7	19	18	1	19	130	10	10	3	31	33	10	33
New York	596	38	168	229	10	151	1,166	63	92	68	282	292	103	266
North Carolina	250	23	71	76	13	67	369	16	11	14	71	114	47	96
North Dakota	31	3	11	7	2	8	64	2	5	1	16	22	6	12
Ohio	395	29	134	107	9	116	859	27	46	42	221	258	76	189
Oklahoma	132	9	42	32	6	43	205	8	10	6	48	64	23	46
Oregon	154	16	39	32	17	50	299	24	20	5	76	61	19	94
Pennsylvania	468	31	155	133	15	134	952	38	68	41	284	249	100	172
Rhode Island	54	3	12	28	1	10	79	3	6	7	20	19	7	17
South Carolina	100	11	28	24	3	34	204	5	7	4	43	69	20	56
South Dakota	32	2	11	6	4	9	72	2	3	1	14	28	10	14
Tennessee	209	20	50	48	22	69	331	13	16	11	76	87	42	86
Texas	763	76	210	167	46	264	1,138	63	68	45	230	359	87	286
Utah	97	7	35	19	3	33	210	7	5	8	64	83	11	32
Vermont	30	2	9	8	1	10	67	3	5	2	22	15	8	12
Virginia	264	13	89	76	9	77	386	16	14	13	109	106	35	93
Washington	285	32	78	64	14	97	492	29	27	12	130	140	29	125
West Virginia	72	8	18	22	3	21	119	6	16	2	26	31	11	27
Wisconsin	236	21	85	47	6	77	515	22	19	9	166	159	57	83
Wyoming	20	2	7	5	1	5	47	3	4	1	15	14	4	6

See footnotes at end of table.

Table 19. States: Persons at work 1 to 34 hours by sex, race, reason for working less than 35 hours, and usual status, 1998 annual averages — Continued

(In thousands)

Population group and State	Usually work full time						Usually work part time							
	Total	Slack work or business conditions	Vacation or personal day	Holiday, legal or religious	Weather-related curtailment	Other reasons ¹	Total	Slack work or business conditions	Could only find part-time work	Child-care problems	Other family or personal obligations	In school or training	Retired or Social Security limit on earnings	Other reasons ²
Black														
Alabama	57	6	8	20	3	20	75	9	10	3	9	25	4	15
Arkansas	20	3	5	2	1	9	21	3	3	1	3	7	1	3
California	107	9	24	37	1	36	133	12	16	3	14	43	9	36
Connecticut	22	1	5	10	(3)	6	28	2	7	(3)	3	7	1	8
Delaware	7	1	2	2	(3)	2	10	1	2	(3)	2	3	1	1
District of Columbia	15	1	3	5	(3)	6	17	2	3	(3)	1	4	2	5
Florida	79	9	18	18	2	32	136	16	16	8	14	39	8	35
Georgia	113	11	27	28	5	42	127	5	14	4	16	41	12	35
Hawaii	(4)	(4)	(4)	(4)	(4)	(4)	2	(3)	(3)	(3)	(3)	1	(3)	1
Illinois	58	4	11	21	2	20	108	9	19	3	9	30	8	30
Indiana	24	1	7	5	3	8	31	1	3	1	5	13	2	6
Iowa	(4)	(4)	(4)	(4)	(4)	(4)	6	(3)	1	(3)	(3)	3	(3)	2
Kansas	7	1	2	2	(3)	2	14	1	2	1	2	5	1	2
Kentucky	(4)	(4)	(4)	(4)	(4)	(4)	18	1	2	(3)	3	6	1	5
Louisiana	52	9	10	10	5	18	66	7	13	2	6	19	4	15
Maryland	91	5	23	33	3	27	58	7	6	3	5	17	10	10
Massachusetts	12	1	2	5	1	3	17	1	2	1	2	5	2	4
Michigan	48	7	11	14	1	15	90	8	12	3	15	29	7	16
Minnesota	(4)	(4)	(4)	(4)	(4)	(4)	14	2	2	(3)	1	4	1	4
Mississippi	38	6	8	7	2	15	51	4	10	1	5	18	3	10
Missouri	23	1	5	6	(3)	11	32	1	5	1	6	9	3	7
Nebraska	3	(3)	1	(3)	(3)	2	3	(3)	1	(3)	1	(3)	(3)	1
Nevada	4	(3)	1	1	(3)	2	6	1	1	(3)	1	1	(3)	2
New Jersey	57	2	13	20	2	20	74	10	12	3	7	25	3	14
New York	104	6	21	42	(3)	35	179	22	36	8	21	51	7	34
North Carolina	79	11	13	25	4	26	92	5	14	3	5	26	12	27
Ohio	55	6	11	14	(3)	24	83	3	10	4	11	28	6	21
Oklahoma	11	1	4	3	(3)	3	22	2	3	(3)	2	8	2	5
Pennsylvania	44	3	9	14	(3)	18	65	10	10	4	6	17	4	14
Rhode Island	3	(3)	(3)	1	(3)	2	5	(3)	1	(3)	(3)	2	(3)	2
South Carolina	42	7	9	7	3	16	67	3	10	1	7	21	3	22
Tennessee	48	5	11	8	2	22	53	4	5	1	6	22	2	13
Texas	111	9	25	23	7	47	142	12	20	3	8	47	11	41
Virginia	66	5	18	19	2	22	86	8	12	4	9	30	6	17
Wisconsin	13	(3)	4	2	1	6	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)

¹ Includes seasonal work, job started or ended, own illness, child-care problems, other family or personal obligations, labor dispute, in school or training, civic or military duty, and all other reasons.

² Includes seasonal work, health and medical limitations, full-time workweek less than 35 hours, and all other reasons.

³ Less than 500 persons.

⁴ Data are not shown when the labor force base does not meet BLS publication 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 20. States: Employed persons with a job but not at work by reason, 1998 annual averages

(In thousands)

State	Total	Vacation	Child-care problems ¹	Own illness	Other reasons ²
Alabama	79	37	11	17	14
Alaska	20	12	2	2	4
Arizona	77	41	9	14	13
Arkansas	42	18	5	11	8
California	636	339	78	124	95
Colorado	87	50	11	12	14
Connecticut	78	52	8	11	7
Delaware	16	8	2	4	2
District of Columbia	9	4	1	1	3
Florida	284	163	31	56	34
Georgia	150	72	20	34	24
Hawaii	28	14	3	7	4
Idaho	26	14	3	4	5
Illinois	262	153	23	51	35
Indiana	125	64	12	23	26
Iowa	59	31	6	10	12
Kansas	51	25	5	11	10
Kentucky	90	45	8	17	20
Louisiana	86	44	6	18	18
Maine	29	15	3	5	6
Maryland	110	60	10	25	15
Massachusetts	145	88	15	26	16
Michigan	216	116	22	51	27
Minnesota	102	55	11	17	19
Mississippi	50	26	5	11	8
Missouri	106	53	16	19	18
Montana	22	10	3	3	6
Nebraska	30	17	4	3	6
Nevada	34	19	3	7	5
New Hampshire	27	16	3	5	3
New Jersey	169	101	16	34	18
New Mexico	32	16	5	4	7
New York	408	241	37	80	50
North Carolina	134	70	18	28	18
North Dakota	14	7	2	2	3
Ohio	258	147	25	50	36
Oklahoma	65	33	6	15	11
Oregon	78	38	9	15	16
Pennsylvania	235	126	21	54	34
Rhode Island	26	14	2	7	3
South Carolina	75	34	8	19	14
South Dakota	19	8	2	2	7
Tennessee	116	57	14	24	21
Texas	366	193	43	73	57
Utah	42	23	5	6	8
Vermont	16	9	1	3	3
Virginia	142	88	13	21	20
Washington	142	72	14	24	32
West Virginia	42	21	2	12	7
Wisconsin	127	71	13	23	20
Wyoming	11	6	1	2	2

¹ Includes maternity or paternity leave and other family obligations.

² Includes labor dispute, bad weather, in school or training, civic or military

duty, and all other reasons.

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

Table 21. States: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and reason for unemployment, 1998 annual averages

Population group and State	Total unemployed		Job losers and persons who completed temporary jobs ¹		Job leavers	Reentrants	New entrants
	Number (In thousands)	Percent	Total	On temporary layoff			
TOTAL							
Alabama	91	100.0	44.0	9.9	12.1	34.1	8.8
Alaska	18	100.0	50.0	22.2	16.7	33.3	5.6
Arizona	94	100.0	36.2	16.0	14.9	43.6	6.4
Arkansas	67	100.0	40.3	11.9	16.4	32.8	10.4
California	969	100.0	46.6	13.5	9.4	33.8	10.0
Colorado	86	100.0	37.2	11.6	15.1	41.9	5.8
Delaware	15	100.0	46.7	20.0	20.0	33.3	6.7
District of Columbia	24	100.0	33.3	4.2	8.3	50.0	8.3
Florida	310	100.0	48.4	9.7	11.6	33.2	6.8
Georgia	169	100.0	41.4	9.5	14.2	33.1	11.2
Hawaii	37	100.0	48.6	13.5	8.1	35.1	10.8
Idaho	33	100.0	51.5	27.3	12.1	27.3	6.1
Illinois	277	100.0	46.6	13.4	11.9	35.4	6.5
Kansas	54	100.0	44.4	13.0	16.7	37.0	3.7
Kentucky	89	100.0	37.1	14.6	14.6	39.3	9.0
Louisiana	118	100.0	39.8	11.9	12.7	31.4	16.1
Maine	29	100.0	48.3	20.7	17.2	31.0	3.4
Maryland	125	100.0	48.0	11.2	6.4	39.2	6.4
Massachusetts	109	100.0	56.0	21.1	11.0	26.6	5.5
Michigan	194	100.0	50.0	21.1	10.8	31.4	8.2
Mississippi	68	100.0	35.3	11.8	11.8	38.2	13.2
Missouri	119	100.0	42.0	14.3	12.6	37.8	7.6
Montana	26	100.0	42.3	19.2	15.4	38.5	3.8
Nevada	40	100.0	50.0	12.5	12.5	30.0	5.0
New Jersey	192	100.0	51.6	14.1	7.8	30.7	9.9
New Mexico	51	100.0	45.1	13.7	11.8	35.3	9.8
New York	498	100.0	46.6	12.9	8.6	36.3	8.4
North Carolina	131	100.0	43.5	12.2	17.6	32.8	6.1
North Dakota	11	100.0	36.4	27.3	9.1	36.4	9.1
Ohio	242	100.0	45.9	19.0	12.8	33.1	8.3
Oklahoma	74	100.0	43.2	9.5	13.5	36.5	5.4
Oregon	98	100.0	49.0	18.4	12.2	34.7	4.1
Pennsylvania	275	100.0	50.9	19.6	10.5	28.4	9.8
Rhode Island	24	100.0	45.8	16.7	12.5	33.3	8.3
South Carolina	75	100.0	44.0	12.0	16.0	30.7	8.0
Tennessee	116	100.0	46.6	12.9	12.9	32.8	6.9
Texas	487	100.0	39.6	8.6	12.9	37.2	10.1
Utah	40	100.0	40.0	12.5	15.0	37.5	5.0
Washington	145	100.0	46.2	15.9	11.0	35.9	6.2
West Virginia	53	100.0	41.5	13.2	9.4	34.0	13.2
Wisconsin	99	100.0	47.5	21.2	11.1	36.4	6.1
Wyoming	12	100.0	41.7	16.7	16.7	41.7	8.3
Men							
Alaska	11	100.0	54.5	27.3	9.1	27.3	9.1
Arkansas	35	100.0	48.6	14.3	14.3	22.9	11.4
California	535	100.0	52.3	13.6	9.7	28.8	9.3
District of Columbia	10	100.0	40.0	10.0	10.0	40.0	10.0
Florida	155	100.0	53.5	10.3	9.0	31.0	6.5
Georgia	84	100.0	48.8	10.7	14.3	26.2	10.7
Hawaii	19	100.0	52.6	10.5	5.3	31.6	10.5
Idaho	19	100.0	57.9	31.6	10.5	26.3	5.3
Illinois	147	100.0	54.4	16.3	11.6	26.5	7.5
Kentucky	45	100.0	46.7	22.2	17.8	28.9	8.9
Louisiana	58	100.0	44.8	15.5	13.8	25.9	15.5
Maryland	68	100.0	60.3	13.2	2.9	33.8	4.4
Massachusetts	66	100.0	66.7	22.7	9.1	18.2	6.1
Michigan	114	100.0	56.1	23.7	12.3	24.6	7.0
Mississippi	33	100.0	39.4	9.1	15.2	30.3	12.1
Montana	15	100.0	46.7	26.7	13.3	33.3	6.7

See footnotes at end of table.

Table 21. States: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and reason for unemployment, 1998 annual averages — Continued

Population group and State	Total unemployed		Job losers and persons who completed temporary jobs ¹		Job leavers	Reentrants	New entrants
	Number (In thousands)	Percent	Total	On temporary layoff			
Men—Continued							
New Jersey	103	100.0	54.4	12.6	7.8	25.2	11.7
New Mexico	29	100.0	55.2	17.2	10.3	27.6	6.9
New York	257	100.0	54.5	15.2	8.2	29.2	8.6
Ohio	133	100.0	56.4	23.3	12.8	24.8	6.8
Oregon	55	100.0	52.7	16.4	12.7	30.9	3.6
Pennsylvania	150	100.0	58.7	23.3	11.3	22.0	8.0
Rhode Island	13	100.0	46.2	15.4	15.4	23.1	7.7
Texas	240	100.0	47.5	9.2	12.9	30.4	8.8
Washington	80	100.0	48.8	16.3	12.5	30.0	8.8
West Virginia	33	100.0	48.5	18.2	9.1	30.3	12.1
Wyoming	7	100.0	57.1	14.3	14.3	28.6	(²)
Women							
Alaska	8	100.0	37.5	12.5	25.0	37.5	(²)
Arkansas	32	100.0	31.3	9.4	15.6	40.6	12.5
California	433	100.0	40.0	13.4	9.2	40.2	10.9
District of Columbia	14	100.0	28.6	7.1	7.1	50.0	7.1
Florida	155	100.0	43.2	8.4	14.2	35.5	7.1
Georgia	85	100.0	34.1	8.2	14.1	40.0	11.8
Hawaii	18	100.0	44.4	16.7	5.6	38.9	11.1
Idaho	14	100.0	42.9	21.4	14.3	35.7	7.1
Illinois	131	100.0	37.4	9.9	12.2	45.0	5.3
Kentucky	43	100.0	27.9	7.0	14.0	51.2	9.3
Louisiana	59	100.0	35.6	8.5	11.9	37.3	16.9
Michigan	81	100.0	40.7	17.3	9.9	40.7	8.6
Mississippi	36	100.0	30.6	11.1	8.3	47.2	13.9
Montana	11	100.0	36.4	18.2	18.2	45.5	9.1
New Jersey	89	100.0	48.3	15.7	7.9	36.0	7.9
New Mexico	23	100.0	30.4	8.7	13.0	43.5	8.7
New York	241	100.0	38.2	10.0	9.1	44.0	8.3
North Carolina	68	100.0	41.2	11.8	19.1	30.9	8.8
Ohio	108	100.0	33.3	13.9	13.0	43.5	10.2
Oregon	43	100.0	44.2	18.6	11.6	39.5	2.3
Pennsylvania	125	100.0	42.4	15.2	10.4	36.0	12.0
Texas	247	100.0	32.0	8.5	13.0	43.7	11.3
West Virginia	20	100.0	30.0	5.0	10.0	45.0	15.0
Wyoming	6	100.0	33.3	(²)	16.7	33.3	16.7
Both sexes, 16 to 19 years							
California	159	100.0	15.1	6.9	4.4	43.4	37.1
New York	78	100.0	16.7	7.7	3.8	52.6	26.9
Ohio	52	100.0	15.4	3.8	7.7	50.0	26.9
Texas	127	100.0	13.4	2.4	11.8	44.9	29.9
White							
Alaska	13	100.0	53.8	30.8	15.4	30.8	(²)
Arizona	86	100.0	37.2	16.3	14.0	41.9	7.0
Arkansas	39	100.0	46.2	15.4	17.9	28.2	5.1
California	750	100.0	48.5	14.9	9.3	32.4	9.7
Colorado	78	100.0	38.5	12.8	14.1	42.3	5.1
District of Columbia	4	100.0	25.0	(²)	25.0	50.0	(²)
Florida	222	100.0	50.0	10.8	12.6	31.5	5.4
Idaho	32	100.0	53.1	28.1	12.5	28.1	6.3
Illinois	194	100.0	45.4	14.4	14.9	32.5	6.7
Kansas	43	100.0	48.8	14.0	14.0	32.6	2.3
Kentucky	78	100.0	37.2	15.4	14.1	39.7	9.0
Louisiana	54	100.0	42.6	13.0	14.8	29.6	13.0
Maine	28	100.0	50.0	21.4	17.9	32.1	3.6
Massachusetts	96	100.0	57.3	21.9	11.5	25.0	5.2
Michigan	141	100.0	52.5	24.8	12.1	28.4	7.1
Missouri	91	100.0	45.1	16.5	12.1	36.3	6.6
Montana	23	100.0	43.5	21.7	13.0	34.8	4.3

See footnotes at end of table.

Table 21. States: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and reason for unemployment, 1998 annual averages — Continued

Population group and State	Total unemployed		Job losers and persons who completed temporary jobs ¹		Job leavers	Reentrants	New entrants
	Number (In thousands)	Percent	Total	On temporary layoff			
White—Continued							
Nevada	32	100.0	50.0	12.5	15.6	28.1	6.3
New Jersey	133	100.0	53.4	16.5	9.0	30.1	7.5
New Mexico	45	100.0	44.4	13.3	13.3	35.6	8.9
New York	320	100.0	48.8	15.3	10.6	34.1	6.9
North Carolina	70	100.0	47.1	14.3	18.6	28.6	7.1
Ohio	188	100.0	47.3	20.7	13.8	30.9	8.0
Oklahoma	49	100.0	38.8	8.2	16.3	36.7	6.1
Oregon	90	100.0	48.9	17.8	13.3	34.4	3.3
Pennsylvania	216	100.0	54.2	22.7	12.0	25.5	8.8
Rhode Island	20	100.0	45.0	15.0	15.0	30.0	5.0
Tennessee	83	100.0	45.8	15.7	13.3	33.7	7.2
Texas	356	100.0	41.3	10.1	13.5	36.0	9.3
Utah	37	100.0	40.5	10.8	16.2	37.8	5.4
Washington	125	100.0	49.6	17.6	12.0	33.6	4.8
West Virginia	50	100.0	42.0	12.0	10.0	34.0	12.0
Wyoming	12	100.0	41.7	16.7	16.7	33.3	8.3
Black							
Arkansas	28	100.0	32.1	7.1	10.7	35.7	17.9
California	112	100.0	40.2	8.0	7.1	42.9	9.8
District of Columbia	19	100.0	36.8	5.3	5.3	52.6	10.5
Florida	79	100.0	43.0	5.1	8.9	36.7	10.1
Georgia	101	100.0	39.6	8.9	12.9	33.7	13.9
Illinois	75	100.0	48.0	10.7	4.0	42.7	4.0
Louisiana	63	100.0	36.5	9.5	12.7	31.7	17.5
Mississippi	43	100.0	32.6	9.3	11.6	39.5	16.3
New Jersey	53	100.0	49.1	7.5	7.5	32.1	13.2
New York	156	100.0	41.7	7.7	5.1	42.3	10.9
Pennsylvania	53	100.0	41.5	9.4	5.7	41.5	11.3
Texas	117	100.0	35.9	5.1	12.8	41.9	10.3
Hispanic origin							
California	385	100.0	48.6	16.9	6.8	31.9	12.7
Florida	74	100.0	56.8	9.5	9.5	25.7	8.1
New Mexico	28	100.0	46.4	14.3	10.7	32.1	10.7
New York	108	100.0	44.4	9.3	9.3	40.7	5.6
Texas	185	100.0	39.5	10.3	11.9	35.1	13.5

¹ Formerly called "job losers".

² Less than 500 persons or less than 0.05 percent.

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

to displayed percentages because of rounding. Detail for race and Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Table 22. States: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and duration of unemployment, 1998 annual averages

Population group and State	Total unemployed		Less than 5 weeks	5 to 14 weeks	15 weeks and over				
	Number (in thousands)	Percent			Total	15 to 26 weeks	27 weeks and over		
							Total	27 to 51 weeks	52 weeks and over
TOTAL									
Alabama	91	100.0	40.7	34.1	25.3	14.3	11.0	5.5	5.5
Alaska	18	100.0	50.0	33.3	22.2	11.1	11.1	5.6	5.6
Arizona	94	100.0	52.1	29.8	19.1	8.5	10.6	4.3	6.4
Arkansas	67	100.0	35.8	35.8	26.9	17.9	10.4	6.0	4.5
California	969	100.0	40.0	29.9	30.0	13.0	17.0	6.9	10.0
Colorado	86	100.0	55.8	26.7	18.6	7.0	11.6	5.8	5.8
Delaware	15	100.0	46.7	33.3	20.0	6.7	13.3	6.7	6.7
District of Columbia	24	100.0	25.0	29.2	41.7	16.7	25.0	12.5	16.7
Florida	310	100.0	43.5	31.3	25.2	12.6	12.6	6.8	5.8
Georgia	169	100.0	43.8	30.8	25.4	13.0	12.4	7.1	4.7
Hawaii	37	100.0	27.0	35.1	37.8	13.5	24.3	8.1	16.2
Idaho	33	100.0	45.5	33.3	18.2	12.1	6.1	3.0	3.0
Illinois	277	100.0	39.7	32.1	28.2	12.6	15.5	6.1	9.0
Kansas	54	100.0	53.7	29.6	16.7	7.4	7.4	3.7	3.7
Kentucky	89	100.0	47.2	27.0	24.7	9.0	15.7	6.7	9.0
Louisiana	118	100.0	43.2	33.1	23.7	7.6	16.1	5.9	10.2
Maine	29	100.0	37.9	31.0	27.6	13.8	17.2	6.9	10.3
Maryland	125	100.0	34.4	36.0	29.6	10.4	19.2	9.6	9.6
Massachusetts	109	100.0	39.4	37.6	23.9	12.8	10.1	6.4	3.7
Michigan	194	100.0	51.0	30.9	18.0	9.8	8.2	3.1	5.2
Mississippi	68	100.0	42.6	29.4	29.4	10.3	17.6	7.4	10.3
Missouri	119	100.0	39.5	31.9	28.6	19.3	9.2	4.2	5.0
Montana	26	100.0	46.2	34.6	19.2	11.5	11.5	3.8	3.8
Nevada	40	100.0	47.5	27.5	25.0	12.5	12.5	5.0	5.0
New Jersey	192	100.0	34.9	33.9	31.3	14.6	16.7	8.3	8.3
New Mexico	51	100.0	43.1	27.5	29.4	15.7	13.7	3.9	9.8
New York	498	100.0	32.5	29.1	38.2	14.7	23.5	8.0	15.5
North Carolina	131	100.0	43.5	31.3	26.0	12.2	13.7	6.9	6.9
North Dakota	11	100.0	45.5	27.3	27.3	9.1	9.1	9.1	9.1
Ohio	242	100.0	44.2	33.5	22.3	10.7	11.6	5.0	6.6
Oklahoma	74	100.0	47.3	33.8	18.9	10.8	6.8	2.7	4.1
Oregon	98	100.0	45.9	29.6	25.5	12.2	13.3	7.1	7.1
Pennsylvania	275	100.0	38.5	32.4	28.7	13.1	15.6	5.1	10.9
Rhode Island	24	100.0	33.3	41.7	25.0	12.5	16.7	8.3	8.3
South Carolina	75	100.0	50.7	26.7	22.7	14.7	6.7	4.0	4.0
Tennessee	116	100.0	42.2	34.5	22.4	12.9	9.5	5.2	4.3
Texas	487	100.0	46.8	32.0	21.1	10.3	10.9	5.3	5.5
Utah	40	100.0	55.0	27.5	17.5	7.5	7.5	2.5	5.0
Washington	145	100.0	42.1	31.7	26.2	13.1	12.4	6.2	6.2
West Virginia	53	100.0	30.2	28.3	41.5	15.1	26.4	13.2	13.2
Wisconsin	99	100.0	48.5	32.3	19.2	12.1	7.1	3.0	5.1
Wyoming	12	100.0	50.0	33.3	25.0	8.3	8.3	8.3	.0
Men									
Alaska	11	100.0	45.5	27.3	18.2	9.1	9.1	9.1	9.1
Arkansas	35	100.0	34.3	37.1	28.6	17.1	11.4	2.9	5.7
California	535	100.0	37.9	30.7	31.6	13.1	18.3	7.9	10.5
District of Columbia	10	100.0	30.0	30.0	40.0	20.0	30.0	10.0	10.0
Florida	155	100.0	45.2	30.3	24.5	13.5	11.6	6.5	4.5
Georgia	84	100.0	44.0	28.6	27.4	15.5	11.9	9.5	2.4
Hawaii	19	100.0	26.3	31.6	47.4	15.8	31.6	5.3	26.3
Idaho	19	100.0	42.1	36.8	21.1	15.8	5.3	5.3	5.3
Illinois	147	100.0	38.8	33.3	27.2	12.2	15.0	6.1	9.5
Kentucky	45	100.0	42.2	28.9	28.9	13.3	15.6	6.7	11.1
Louisiana	58	100.0	51.7	32.8	17.2	5.2	12.1	5.2	6.9
Maryland	68	100.0	36.8	33.8	29.4	10.3	19.1	10.3	7.4
Massachusetts	66	100.0	36.4	37.9	25.8	13.6	12.1	7.6	4.5
Michigan	114	100.0	50.0	31.6	17.5	8.8	9.6	3.5	6.1
Mississippi	33	100.0	39.4	27.3	30.3	12.1	18.2	6.1	15.2
Montana	15	100.0	46.7	33.3	20.0	13.3	13.3	6.7	6.7

See footnotes at end of table.

Table 22. States: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and duration of unemployment, 1998 annual averages — Continued

Population group and State	Total unemployed		Less than 5 weeks	5 to 14 weeks	15 weeks and over				
	Number (in thousands)	Percent			Total	15 to 26 weeks	27 weeks and over		
							Total	27 to 51 weeks	52 weeks and over
Men—Continued									
New Jersey	103	100.0	33.0	35.9	31.1	14.6	16.5	8.7	8.7
New Mexico	29	100.0	37.9	27.6	34.5	13.8	17.2	6.9	13.8
New York	257	100.0	30.7	29.2	40.5	15.2	25.3	8.9	16.3
Ohio	133	100.0	45.9	33.1	21.8	11.3	10.5	3.0	7.5
Oregon	55	100.0	41.8	29.1	29.1	10.9	16.4	7.3	9.1
Pennsylvania	150	100.0	38.0	31.3	30.7	12.0	18.7	5.3	13.3
Rhode Island	13	100.0	30.8	38.5	30.8	15.4	15.4	7.7	7.7
Texas	240	100.0	45.0	32.5	22.5	9.6	12.9	5.8	7.1
Washington	80	100.0	41.3	31.3	26.3	11.3	15.0	7.5	7.5
West Virginia	33	100.0	27.3	30.3	42.4	12.1	30.3	12.1	15.2
Wyoming	7	100.0	42.9	28.6	14.3	14.3	14.3	.0	.0
Women									
Alaska	8	100.0	50.0	25.0	12.5	12.5	.0	.0	.0
Arkansas	32	100.0	37.5	34.4	28.1	15.6	9.4	6.3	3.1
California	433	100.0	42.7	29.1	28.2	12.9	15.2	5.8	9.5
District of Columbia	14	100.0	21.4	28.6	42.9	14.3	28.6	7.1	14.3
Florida	155	100.0	41.9	32.3	25.8	12.3	13.5	7.1	7.1
Georgia	85	100.0	44.7	32.9	23.5	10.6	11.8	5.9	7.1
Hawaii	18	100.0	33.3	38.9	33.3	11.1	16.7	11.1	11.1
Idaho	14	100.0	50.0	35.7	14.3	7.1	7.1	.0	.0
Illinois	131	100.0	40.5	30.5	29.0	13.0	15.3	6.9	9.2
Kentucky	43	100.0	53.5	25.6	20.9	7.0	16.3	7.0	9.3
Louisiana	59	100.0	37.3	33.9	30.5	10.2	20.3	6.8	13.6
Michigan	81	100.0	50.6	29.6	18.5	12.3	6.2	2.5	3.7
Mississippi	36	100.0	44.4	30.6	25.0	8.3	16.7	8.3	8.3
Montana	11	100.0	45.5	36.4	18.2	9.1	9.1	.0	9.1
New Jersey	89	100.0	37.1	32.6	31.5	14.6	15.7	7.9	7.9
New Mexico	23	100.0	47.8	26.1	26.1	17.4	8.7	4.3	4.3
New York	241	100.0	34.9	29.5	36.1	14.5	21.6	7.1	14.5
North Carolina	68	100.0	44.1	29.4	26.5	11.8	14.7	8.8	5.9
Ohio	108	100.0	43.5	34.3	23.1	10.2	12.0	6.5	5.6
Oregon	43	100.0	48.8	30.2	20.9	11.6	9.3	4.7	2.3
Pennsylvania	125	100.0	39.2	33.6	26.4	14.4	12.8	4.8	8.0
Texas	247	100.0	48.6	31.2	19.8	10.9	8.9	4.9	4.5
West Virginia	20	100.0	35.0	25.0	40.0	15.0	20.0	15.0	10.0
Wyoming	6	100.0	50.0	16.7	16.7	16.7	16.7	.0	.0
Both sexes, 16 to 19 years									
California	159	100.0	50.3	30.2	19.5	11.3	8.8	5.0	3.8
New York	78	100.0	41.0	30.8	26.9	11.5	15.4	7.7	7.7
Ohio	52	100.0	55.8	28.8	13.5	9.6	5.8	1.9	3.8
Texas	127	100.0	54.3	35.4	10.2	4.7	4.7	2.4	2.4
White									
Alaska	13	100.0	53.8	30.8	23.1	7.7	7.7	7.7	7.7
Arizona	86	100.0	52.3	30.2	17.4	8.1	9.3	3.5	5.8
Arkansas	39	100.0	43.6	33.3	23.1	12.8	7.7	5.1	5.1
California	750	100.0	41.5	30.4	28.1	12.9	15.2	5.9	9.5
Colorado	78	100.0	55.1	25.6	17.9	6.4	12.8	5.1	6.4
District of Columbia	4	100.0	50.0	25.0	25.0	.0	25.0	.0	.0
Florida	222	100.0	47.3	28.8	23.4	12.6	10.8	5.9	5.0
Idaho	32	100.0	46.9	34.4	18.8	12.5	6.3	3.1	3.1
Illinois	194	100.0	43.3	33.5	23.2	11.9	11.3	6.2	5.7
Kansas	43	100.0	53.5	27.9	18.6	9.3	9.3	4.7	4.7
Kentucky	78	100.0	47.4	26.9	25.6	10.3	15.4	6.4	10.3
Louisiana	54	100.0	50.0	35.2	14.8	7.4	9.3	3.7	5.6
Maine	28	100.0	39.3	32.1	28.6	14.3	14.3	7.1	7.1
Massachusetts	96	100.0	39.6	37.5	22.9	12.5	10.4	6.3	4.2
Michigan	141	100.0	53.2	30.5	16.3	9.9	6.4	3.5	2.8
Missouri	91	100.0	42.9	31.9	25.3	16.5	8.8	4.4	4.4
Montana	23	100.0	47.8	34.8	17.4	8.7	4.3	4.3	4.3
Nevada	32	100.0	50.0	28.1	21.9	12.5	9.4	6.3	3.1

See footnotes at end of table.

Table 22. States: Percent distribution of unemployed persons by sex, age, race, Hispanic origin, and duration of unemployment, 1998 annual averages — Continued

Population group and State	Total unemployed		Less than 5 weeks	5 to 14 weeks	15 weeks and over				
	Number (in thousands)	Percent			Total	15 to 26 weeks	27 weeks and over		
							Total	27 to 51 weeks	52 weeks and over
White—Continued									
New Jersey	133	100.0	38.3	33.1	29.3	12.8	16.5	9.0	7.5
New Mexico	45	100.0	42.2	28.9	28.9	15.6	13.3	4.4	8.9
New York	320	100.0	36.9	29.4	33.8	15.0	19.1	7.5	11.6
North Carolina	70	100.0	50.0	27.1	22.9	10.0	11.4	4.3	8.6
Ohio	188	100.0	46.8	31.9	21.3	10.1	11.7	4.8	6.9
Oklahoma	49	100.0	46.9	36.7	16.3	10.2	6.1	2.0	4.1
Oregon	90	100.0	45.6	28.9	25.6	12.2	13.3	6.7	6.7
Pennsylvania	216	100.0	40.3	32.4	27.3	13.9	13.4	5.1	8.3
Rhode Island	20	100.0	35.0	40.0	25.0	10.0	15.0	5.0	10.0
Tennessee	83	100.0	43.4	36.1	21.7	12.0	9.6	6.0	3.6
Texas	356	100.0	49.4	32.0	18.3	9.6	8.7	4.5	4.2
Utah	37	100.0	56.8	27.0	16.2	8.1	8.1	2.7	5.4
Washington	125	100.0	43.2	32.8	24.8	13.6	12.0	6.4	4.8
West Virginia	50	100.0	30.0	28.0	42.0	14.0	26.0	14.0	14.0
Wyoming	12	100.0	50.0	33.3	16.7	8.3	8.3	8.3	.0
Black									
Arkansas	28	100.0	25.0	39.3	35.7	21.4	10.7	7.1	7.1
California	112	100.0	30.4	27.7	41.1	12.5	28.6	14.3	14.3
District of Columbia	19	100.0	21.1	31.6	52.6	21.1	31.6	10.5	21.1
Florida	79	100.0	31.6	35.4	31.6	13.9	17.7	10.1	8.9
Georgia	101	100.0	38.6	33.7	28.7	13.9	13.9	7.9	5.9
Illinois	75	100.0	32.0	29.3	37.3	14.7	24.0	6.7	17.3
Louisiana	63	100.0	36.5	31.7	30.2	7.9	22.2	7.9	14.3
Mississippi	43	100.0	37.2	30.2	32.6	9.3	23.3	9.3	14.0
New Jersey	53	100.0	26.4	37.7	37.7	18.9	17.0	7.5	11.3
New York	156	100.0	23.1	28.8	48.1	14.7	33.3	9.6	23.7
Pennsylvania	53	100.0	30.2	34.0	34.0	9.4	24.5	3.8	20.8
Texas	117	100.0	39.3	31.6	29.1	12.0	17.9	7.7	10.3
Hispanic origin									
California	385	100.0	41.3	29.1	29.4	14.0	15.3	7.3	8.1
Florida	74	100.0	40.5	32.4	27.0	14.9	12.2	6.8	5.4
New Mexico	28	100.0	39.3	28.6	32.1	17.9	14.3	7.1	10.7
New York	108	100.0	31.5	30.6	38.0	13.9	24.1	10.2	13.9
Texas	185	100.0	47.6	32.4	19.5	9.7	9.7	5.4	4.3

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

Hispanic-origin groups will not add to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

Section III. Estimates for Metropolitan Areas and Cities

Labor force, employment, and unemployment levels from the CPS for metropolitan areas and cities usually shown in tables 23-27 are not provided because updated population controls are not available. As a consequence, only rates, ratios, and percent distributions are published and the usual table formats and sequence have been altered. Unemployment rates shown in table 23 may differ from the estimates produced through the LAUS program.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Atlanta MSA				
Total	73.6	71.2	3.2	2.7 - 3.7
Men	80.9	78.4	3.1	2.4 - 3.8
Women	67.0	64.8	3.3	2.5 - 4.1
Both sexes, 16 to 19 years	49.2	43.7	11.2	6.9 - 15.5
White	73.8	72.1	2.3	1.7 - 2.9
Black	73.2	69.2	5.5	4.3 - 6.7
Baltimore PMSA				
Total	67.3	63.6	5.5	4.6 - 6.4
Men	73.6	69.2	6.0	4.7 - 7.3
Women	61.5	58.4	4.9	3.7 - 6.1
Both sexes, 16 to 19 years	51.3	41.2	19.5	13.3 - 25.7
White	66.3	64.2	3.2	2.4 - 4.0
Black	71.2	63.2	11.4	9.2 - 13.6
Bergen-Passaic PMSA				
Total	65.4	63.0	3.6	2.8 - 4.4
Men	75.3	72.6	3.7	2.6 - 4.8
Women	56.8	54.6	3.6	2.4 - 4.8
White	64.6	62.1	3.8	2.9 - 4.7
Hispanic origin	73.6	70.0	4.7	2.2 - 7.2
Boston PMSA				
Total	69.9	67.7	3.1	2.6 - 3.6
Men	76.4	73.7	3.5	2.9 - 4.1
Women	63.6	62.0	2.7	2.1 - 3.3
Both sexes, 16 to 19 years	52.7	47.9	9.2	5.8 - 12.6
White	70.2	68.2	2.9	2.4 - 3.4
Both sexes, 16 to 19 years	55.7	51.1	8.3	4.9 - 11.7
Black	65.8	61.6	6.7	3.9 - 9.5
Hispanic origin	77.1	74.3	4.8	2.3 - 7.3
Buffalo-Niagara Falls MSA				
Total	64.9	62.5	3.7	2.8 - 4.6
Men	70.6	67.5	4.4	3.0 - 5.8
Women	59.7	58.0	3.0	1.9 - 4.1
White	66.1	64.1	3.1	2.2 - 4.0
Charlotte-Gastonia-Rock Hill MSA				
Total	71.2	68.7	3.5	2.7 - 4.3
Men	77.6	75.0	3.1	2.1 - 4.1
Women	65.4	62.8	3.9	2.7 - 5.1
White	71.6	69.7	2.6	1.8 - 3.4
Black	70.1	65.7	6.2	4.2 - 8.2

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Chicago PMSA				
Total	68.8	65.7	4.5	4.1 - 4.9
Men	77.4	73.8	4.6	4.1 - 5.1
Women	60.9	58.2	4.5	3.9 - 5.1
Both sexes, 16 to 19 years	49.7	43.5	12.7	10.3 - 15.1
White	70.3	67.8	3.6	3.2 - 4.0
Both sexes, 16 to 19 years	54.3	48.4	10.7	8.1 - 13.3
Black	62.2	56.4	9.5	8.2 - 10.8
Hispanic origin	70.7	66.4	6.1	4.9 - 7.3
Cincinnati PMSA				
Total	70.6	68.1	3.6	2.8 - 4.4
Men	76.5	73.8	3.5	2.4 - 4.6
Women	65.4	63.0	3.7	2.6 - 4.8
White	70.2	68.2	2.9	2.1 - 3.7
Black	73.0	66.7	9.2	5.9 - 12.5
Cleveland-Lorain-Elyria PMSA				
Total	65.8	63.8	3.1	2.5 - 3.7
Men	73.1	70.5	3.4	2.5 - 4.3
Women	59.4	57.8	2.7	1.9 - 3.5
Both sexes, 16 to 19 years	55.1	49.3	9.6	5.7 - 13.5
White	66.7	65.0	2.5	1.9 - 3.1
Black	60.7	56.7	6.2	4.0 - 8.4
Columbus, Ohio MSA				
Total	71.8	69.1	3.8	3.0 - 4.6
Men	78.7	75.2	4.4	3.2 - 5.6
Women	65.5	63.5	3.2	2.1 - 4.3
White	72.0	69.6	3.1	2.3 - 3.9
Black	71.3	66.2	7.7	4.9 - 10.5
Dallas-Fort Worth CMSA				
Total	76.1	73.0	4.0	3.5 - 4.5
Men	84.6	81.7	3.4	2.8 - 4.0
Women	67.7	64.4	4.8	4.0 - 5.6
Both sexes, 16 to 19 years	59.0	49.8	15.3	12.5 - 18.1
White	76.6	74.1	3.3	2.8 - 3.8
Both sexes, 16 to 19 years	63.0	55.6	12.1	9.2 - 15.0
Black	73.3	66.8	8.9	7.3 - 10.5
Hispanic origin	79.6	76.7	3.7	2.6 - 4.8
Dayton-Springfield MSA				
Total	65.3	61.9	5.1	3.9 - 6.3
Men	71.4	67.6	5.1	3.5 - 6.7
Women	59.4	56.2	5.1	3.4 - 6.8
White	65.6	63.0	4.1	2.9 - 5.3
Black	61.9	55.1	11.2	7.1 - 15.3

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Denver-Boulder-Greeley CMSA				
Total	75.2	72.8	3.3	2.8 - 3.8
Men	82.3	79.7	3.1	2.4 - 3.8
Women	68.6	66.2	3.4	2.6 - 4.2
Both sexes, 16 to 19 years	66.9	57.6	13.8	10.1 - 17.5
White	75.8	73.5	3.1	2.6 - 3.6
Both sexes, 16 to 19 years	68.6	59.8	13.5	9.5 - 17.5
Hispanic origin	74.1	71.1	4.2	2.5 - 5.9
Detroit PMSA				
Total	65.8	63.3	3.9	3.4 - 4.4
Men	74.9	71.8	4.0	3.4 - 4.6
Women	57.3	55.1	3.8	3.1 - 4.5
Both sexes, 16 to 19 years	58.1	51.2	11.9	9.1 - 14.7
White	67.4	65.4	3.0	2.5 - 3.5
Both sexes, 16 to 19 years	63.1	58.1	7.9	5.2 - 10.6
Black	58.9	54.1	8.2	6.7 - 9.7
Hispanic origin	74.2	71.0	4.3	1.6 - 7.0
Fort Lauderdale PMSA				
Total	71.1	68.0	4.3	3.5 - 5.1
Men	79.9	76.9	3.9	2.8 - 5.0
Women	63.1	60.1	4.8	3.6 - 6.0
White	70.1	67.6	3.5	2.7 - 4.3
Black	74.5	69.6	6.9	4.9 - 8.9
Hispanic origin	73.8	70.1	4.5	2.5 - 6.5
Hartford MSA				
Total	66.3	64.5	2.5	1.7 - 3.3
Men	72.4	70.2	2.8	1.6 - 4.0
Women	60.7	59.3	2.2	1.1 - 3.3
White	67.0	65.4	2.3	1.5 - 3.1
Houston PMSA				
Total	71.4	68.3	4.3	3.7 - 4.9
Men	82.2	79.1	3.8	3.1 - 4.5
Women	60.6	57.6	5.0	4.1 - 5.9
Both sexes, 16 to 19 years	46.8	39.1	16.5	12.7 - 20.3
White	72.4	70.1	3.1	2.5 - 3.7
Both sexes, 16 to 19 years	49.0	42.4	12.5	8.1 - 16.9
Black	68.8	62.2	9.4	7.6 - 11.2
Hispanic origin	69.3	66.3	4.3	3.1 - 5.5
Indianapolis MSA				
Total	70.6	68.4	3.1	2.2 - 4.0
Men	81.8	79.2	3.0	1.8 - 4.2
Women	61.3	59.3	3.2	1.9 - 4.5
White	70.9	69.0	2.6	1.7 - 3.5

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Kansas City MSA				
Total	71.2	69.0	3.2	2.5 - 3.9
Men	78.2	75.9	2.8	1.9 - 3.7
Women	64.7	62.4	3.7	2.6 - 4.8
Both sexes, 16 to 19 years	65.3	58.5	10.2	6.3 - 14.1
White	71.9	69.9	2.8	2.1 - 3.5
Black	65.1	61.2	6.9	3.9 - 9.9
Los Angeles-Long Beach PMSA				
Total	66.5	62.1	6.5	6.1 - 6.9
Men	76.4	71.7	6.1	5.6 - 6.6
Women	56.8	52.7	7.2	6.6 - 7.8
Both sexes, 16 to 19 years	40.6	32.4	20.3	17.6 - 23.0
White	67.0	62.5	6.6	6.1 - 7.1
Both sexes, 16 to 19 years	43.5	34.8	20.1	17.2 - 23.0
Black	66.8	60.9	8.9	7.5 - 10.3
Hispanic origin	67.4	61.9	8.3	7.6 - 9.0
Both sexes, 16 to 19 years	41.8	32.3	22.9	19.1 - 26.7
Louisville MSA				
Total	68.4	66.0	3.7	2.7 - 4.7
Men	76.6	74.6	2.6	1.5 - 3.7
Women	61.3	58.1	5.0	3.5 - 6.5
White	69.4	67.3	3.1	2.2 - 4.0
Memphis MSA				
Total	70.4	67.2	4.5	3.3 - 5.7
Men	77.0	73.7	4.3	2.7 - 5.9
Women	65.1	62.0	4.6	3.0 - 6.2
White	66.6	65.2	2.2	1.1 - 3.3
Black	74.6	69.6	6.8	4.8 - 8.8
Miami PMSA				
Total	64.2	60.1	6.4	5.5 - 7.3
Men	74.2	70.4	5.2	4.1 - 6.3
Women	55.3	50.9	7.9	6.5 - 9.3
Both sexes, 16 to 19 years	36.0	28.1	20.6	14.5 - 26.7
White	63.6	59.9	5.9	5.0 - 6.8
Both sexes, 16 to 19 years	42.2	33.7	20.2	13.9 - 26.5
Black	67.2	61.6	8.7	6.4 - 11.0
Hispanic origin	64.4	60.3	6.3	5.2 - 7.4
Milwaukee-Waukesha PMSA				
Total	75.6	73.0	3.3	2.5 - 4.1
Men	80.9	78.4	3.0	2.0 - 4.0
Women	70.7	68.0	3.7	2.5 - 4.9
White	76.9	75.2	2.2	1.5 - 2.9
Black	66.9	57.1	13.6	9.6 - 17.6

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Minneapolis-St. Paul MSA				
Total	77.9	76.3	2.1	1.7 - 2.5
Men	83.3	81.5	2.2	1.6 - 2.8
Women	72.6	71.2	1.9	1.3 - 2.5
White	78.3	76.9	1.9	1.5 - 2.3
Nassau-Suffolk PMSA				
Total	68.0	66.2	2.7	2.2 - 3.2
Men	77.4	75.4	2.6	1.9 - 3.3
Women	59.4	57.8	2.8	2.0 - 3.6
White	67.8	66.1	2.5	2.0 - 3.0
Black	72.3	68.9	4.8	2.2 - 7.4
Hispanic origin	75.3	72.7	3.5	1.6 - 5.4
New Orleans MSA				
Total	63.9	60.6	5.1	4.1 - 6.1
Men	70.6	67.5	4.5	3.2 - 5.8
Women	57.9	54.5	5.7	4.2 - 7.2
White	62.5	60.5	3.1	2.1 - 4.1
Black	66.5	60.7	8.7	6.7 - 10.7
New York PMSA				
Total	60.2	55.7	7.4	7.0 - 7.8
Men	69.4	64.6	6.8	6.2 - 7.4
Women	52.1	47.9	8.1	7.5 - 8.7
Both sexes, 16 to 19 years	27.5	20.3	26.6	24.1 - 29.1
White	59.6	56.0	6.0	5.5 - 6.5
Both sexes, 16 to 19 years	27.0	21.1	22.4	18.7 - 26.1
Black	59.9	52.5	12.3	11.3 - 13.3
Both sexes, 16 to 19 years	29.7	19.2	35.0	31.5 - 38.5
Hispanic origin	57.8	52.2	9.7	8.7 - 10.7
Both sexes, 16 to 19 years	28.2	20.9	24.9	19.1 - 30.7
Newark PMSA				
Total	68.4	65.1	4.7	4.0 - 5.4
Men	75.6	71.8	5.0	4.0 - 6.0
Women	61.8	59.0	4.4	3.4 - 5.4
Both sexes, 16 to 19 years	50.4	42.4	16.2	11.4 - 21.0
White	69.1	66.9	3.2	2.5 - 3.9
Both sexes, 16 to 19 years	50.0	44.7	10.7	5.4 - 16.0
Black	65.6	59.6	8.8	7.1 - 10.5
Hispanic origin	73.0	68.2	6.1	3.7 - 8.5
Norfolk-Virginia Beach-Newport News MSA				
Total	67.4	64.3	4.6	3.5 - 5.7
Men	76.2	73.4	3.6	2.3 - 4.9
Women	60.3	56.9	5.6	3.9 - 7.3

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Norfolk-Virginia Beach-Newport News MSA—Continued				
White	69.8	68.3	2.2	1.3 - 3.1
Black	60.4	54.5	10.0	7.2 - 12.8
Oakland PMSA				
Total	69.1	66.1	4.3	3.4 - 5.2
Men	77.4	74.5	3.8	2.7 - 4.9
Women	61.6	58.7	4.8	3.5 - 6.1
White	68.1	65.1	4.3	3.3 - 5.3
Black	70.3	66.1	5.9	3.1 - 8.7
Hispanic origin	72.5	66.7	8.9	5.0 - 12.8
Oklahoma City MSA				
Total	70.1	67.3	4.0	3.2 - 4.8
Men	77.8	74.9	3.9	2.8 - 5.0
Women	63.3	60.7	4.2	3.0 - 5.4
White	70.5	68.2	3.3	2.5 - 4.1
Black	67.4	63.2	6.4	3.5 - 9.3
Orange County PMSA				
Total	71.7	68.9	3.8	3.1 - 4.5
Men	79.8	76.4	4.3	3.3 - 5.3
Women	63.1	61.0	3.3	2.3 - 4.3
White	72.6	69.8	3.8	3.0 - 4.6
Hispanic origin	74.1	69.7	6.2	4.4 - 8.0
Philadelphia PMSA				
Total	64.9	61.7	5.0	4.5 - 5.5
Men	72.2	68.6	4.9	4.2 - 5.6
Women	58.5	55.6	5.0	4.3 - 5.7
Both sexes, 16 to 19 years	44.6	37.3	16.3	12.8 - 19.8
White	66.6	64.1	3.7	3.2 - 4.2
Both sexes, 16 to 19 years	46.7	41.0	12.8	9.2 - 16.4
Black	57.4	50.7	11.7	9.9 - 13.5
Hispanic origin	60.6	54.0	11.3	7.3 - 15.3
Phoenix-Mesa MSA				
Total	67.0	64.6	3.5	2.9 - 4.1
Men	75.2	72.5	3.6	2.9 - 4.3
Women	59.0	57.0	3.5	2.7 - 4.3
Both sexes, 16 to 19 years	56.4	47.7	15.2	11.6 - 18.8
White	66.7	64.4	3.5	2.9 - 4.1
Both sexes, 16 to 19 years	58.2	49.0	15.5	11.8 - 19.2
Black	67.1	63.5	5.3	2.1 - 8.5
Hispanic origin	69.3	65.6	5.6	4.1 - 7.1

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Pittsburgh MSA				
Total	61.9	59.3	4.2	3.5 - 4.9
Men	71.2	67.8	4.8	3.8 - 5.8
Women	54.0	52.0	3.5	2.6 - 4.4
Both sexes, 16 to 19 years	47.3	40.2	14.3	9.1 - 19.5
White	61.9	59.4	3.9	3.2 - 4.6
Both sexes, 16 to 19 years	51.0	44.0	13.7	8.3 - 19.1
Black	61.5	56.2	9.4	5.3 - 13.5
Portland-Vancouver PMSA				
Total	71.7	68.1	5.1	4.3 - 5.9
Men	80.7	76.3	5.4	4.3 - 6.5
Women	63.0	60.1	4.6	3.5 - 5.7
Both sexes, 16 to 19 years	62.0	52.0	14.9	9.9 - 19.9
White	71.9	68.3	5.0	4.2 - 5.8
Both sexes, 16 to 19 years	63.4	53.7	16.1	10.5 - 21.7
Hispanic origin	83.1	77.5	6.2	2.9 - 9.5
Providence-Fall River-Warwick MSA				
Total	67.3	63.8	5.2	4.5 - 5.9
Men	74.4	70.5	5.4	4.4 - 6.4
Women	61.0	57.9	4.9	3.9 - 5.9
Both sexes, 16 to 19 years	64.4	50.8	20.1	16.0 - 24.2
White	67.1	64.0	4.6	3.9 - 5.3
Both sexes, 16 to 19 years	66.0	54.7	17.1	12.8 - 21.4
Black	75.8	63.6	15.4	10.5 - 20.3
Hispanic origin	74.4	67.4	8.6	5.1 - 12.1
Riverside-San Bernardino PMSA				
Total	62.5	58.1	7.1	6.1 - 8.1
Men	72.4	67.2	7.2	5.8 - 8.6
Women	53.1	49.4	7.1	5.6 - 8.6
Both sexes, 16 to 19 years	42.3	34.4	19.4	13.7 - 25.1
White	62.1	58.0	6.6	5.5 - 7.7
Both sexes, 16 to 19 years	45.1	36.4	18.7	12.8 - 24.6
Black	59.3	52.3	11.2	7.4 - 15.0
Hispanic origin	65.3	60.0	8.1	6.1 - 10.1
Rochester MSA				
Total	68.4	65.2	4.7	3.7 - 5.7
Men	74.6	71.5	4.2	2.8 - 5.6
Women	62.8	59.6	5.2	3.7 - 6.7
Both sexes, 16 to 19 years	60.3	51.5	14.8	9.3 - 20.3
White	69.0	66.2	4.0	3.0 - 5.0
Black	64.8	58.2	10.7	6.3 - 15.1
Sacramento-Yolo CMSA				
Total	62.9	59.1	6.1	4.9 - 7.3
Men	68.2	63.3	7.0	5.3 - 8.7
Women	58.2	55.0	5.2	3.6 - 6.8

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Sacramento-Yolo CMSA—Continued				
Both sexes, 16 to 19 years	48.2	37.5	21.4	13.8 - 29.0
White	65.2	62.0	4.8	3.7 - 5.9
Black	60.5	48.1	20.1	12.6 - 27.6
Hispanic origin	67.1	59.5	11.5	7.2 - 15.8
St. Louis MSA²				
Total	68.7	65.4	4.7	3.9 - 5.5
Men	75.1	71.0	5.4	4.3 - 6.5
Women	62.8	60.4	3.9	2.9 - 4.9
Both sexes, 16 to 19 years	61.1	53.3	12.7	8.7 - 16.7
White	69.0	66.6	3.4	2.7 - 4.1
Both sexes, 16 to 19 years	67.2	60.4	10.4	6.3 - 14.5
Black	65.8	58.1	11.9	9.1 - 14.7
Salt Lake City-Ogden MSA				
Total	74.0	71.0	3.9	3.3 - 4.5
Men	82.4	79.2	3.8	3.1 - 4.5
Women	66.3	63.6	4.0	3.2 - 4.8
Both sexes, 16 to 19 years	69.8	60.4	12.3	9.6 - 15.0
White	73.7	71.0	3.8	3.2 - 4.4
Both sexes, 16 to 19 years	70.3	61.4	12.2	9.5 - 14.9
Hispanic origin	75.8	71.2	5.6	3.3 - 7.9
San Antonio MSA				
Total	68.3	64.5	5.5	4.4 - 6.6
Men	76.6	73.2	4.3	3.0 - 5.6
Women	61.0	56.9	6.7	5.1 - 8.3
Both sexes, 16 to 19 years	53.2	40.4	25.4	21.1 - 29.7
White	67.5	64.1	5.1	4.0 - 6.2
Both sexes, 16 to 19 years	51.0	38.5	24.8	19.8 - 29.8
Black	75.3	67.5	9.9	5.4 - 14.4
Hispanic origin	66.0	61.6	6.5	4.9 - 8.1
San Diego MSA				
Total	67.1	63.3	5.7	4.8 - 6.6
Men	73.5	69.2	5.9	4.6 - 7.2
Women	60.9	57.8	5.3	4.0 - 6.6
Both sexes, 16 to 19 years	42.2	35.4	16.3	10.3 - 22.3
White	67.0	63.9	4.7	3.8 - 5.6
Both sexes, 16 to 19 years	47.2	40.0	15.4	9.0 - 21.8
Black	75.8	62.6	16.9	11.2 - 22.6
Hispanic origin	67.1	63.0	6.1	4.1 - 8.1
San Francisco PMSA				
Total	73.2	70.7	3.4	2.6 - 4.2
Men	79.2	76.2	3.8	2.6 - 5.0
Women	67.3	65.3	3.0	1.9 - 4.1

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
San Francisco PMSA—Continued				
White	74.6	72.3	2.9	2.0 - 3.8
Hispanic origin	78.0	74.0	5.1	2.6 - 7.6
San Jose PMSA				
Total	69.5	66.8	4.0	3.1 - 4.9
Men	78.5	74.9	4.5	3.2 - 5.8
Women	60.4	58.4	3.2	2.0 - 4.4
White	70.3	67.4	4.1	3.1 - 5.1
Hispanic origin	70.5	65.6	6.9	4.5 - 9.3
Seattle-Bellevue-Everett PMSA				
Total	73.7	71.1	3.6	2.9 - 4.3
Men	81.0	78.2	3.3	2.4 - 4.2
Women	66.7	64.0	3.9	2.8 - 5.0
White	73.7	71.3	3.3	2.6 - 4.0
Tampa-St. Petersburg-Clearwater MSA				
Total	60.1	57.3	4.8	4.1 - 5.5
Men	66.0	62.9	4.8	3.8 - 5.8
Women	54.8	52.2	4.7	3.6 - 5.8
Both sexes, 16 to 19 years	63.6	57.3	10.5	6.4 - 14.6
White	58.1	55.7	4.0	3.3 - 4.7
Both sexes, 16 to 19 years	65.6	59.4	9.3	5.4 - 13.2
Black	75.3	67.6	10.0	7.2 - 12.8
Hispanic origin	61.8	58.9	4.7	2.6 - 6.8
Washington D.C. PMSA				
Total	72.3	69.8	3.5	3.0 - 4.0
Men	79.0	76.6	3.2	2.6 - 3.8
Women	65.8	63.3	3.8	3.1 - 4.5
Both sexes, 16 to 19 years	48.9	42.9	12.1	8.5 - 15.7
White	72.7	70.7	2.7	2.2 - 3.2
Both sexes, 16 to 19 years	52.3	49.0	6.9	3.1 - 10.7
Black	71.6	67.5	5.7	4.5 - 6.9
Hispanic origin	77.7	73.9	5.2	3.2 - 7.2
Baltimore central city				
Total	61.0	53.7	12.3	9.8 - 14.8
Men	65.9	56.2	14.8	11.2 - 18.4
Women	56.2	51.2	9.3	6.1 - 12.5
White	53.0	51.2	3.5	.7 - 6.3
Black	65.2	54.7	16.0	12.8 - 19.2
Chicago central city				
Total	64.0	59.4	7.2	6.4 - 8.0
Men	71.3	66.0	7.3	6.3 - 8.3
Women	57.5	53.4	6.9	5.8 - 8.0

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Chicago central city—Continued				
Both sexes, 16 to 19 years	37.9	29.8	20.5	15.7 - 25.3
White	68.0	64.5	5.2	4.4 - 6.0
Both sexes, 16 to 19 years	42.9	34.5	19.5	13.5 - 25.5
Black	56.7	50.6	10.7	9.2 - 12.2
Hispanic origin	66.2	60.6	8.3	6.6 - 10.0
Both sexes, 16 to 19 years	41.1	30.4	24.1	14.9 - 33.3
Cleveland central city				
Total	58.5	54.8	6.5	4.4 - 8.6
Men	64.1	59.3	7.5	4.3 - 10.7
Women	54.1	51.4	5.5	2.9 - 8.1
White	59.9	57.6	4.3	1.8 - 6.8
Black	56.7	52.0	9.3	5.8 - 12.8
Dallas central city				
Total	74.7	71.7	4.0	3.0 - 5.0
Men	83.1	81.3	2.3	1.3 - 3.3
Women	66.3	62.4	6.2	4.4 - 8.0
White	75.1	72.9	3.0	2.0 - 4.0
Black	72.9	67.6	7.1	4.7 - 9.5
Hispanic origin	80.2	77.8	3.3	1.6 - 5.0
Detroit central city				
Total	56.4	51.9	7.8	6.2 - 9.4
Men	60.4	55.3	8.4	6.1 - 10.7
Women	52.8	49.2	7.2	5.1 - 9.3
White	57.4	53.7	5.7	2.6 - 8.8
Black	56.1	51.5	8.2	6.5 - 9.9
District of Columbia				
Total	64.5	58.9	8.8	8.0 - 9.6
Men	68.4	63.2	7.6	6.5 - 8.7
Women	61.2	54.9	10.0	8.8 - 11.2
Both sexes, 16 to 19 years	39.1	26.1	37.3	31.4 - 43.2
White	76.8	73.9	3.6	2.7 - 4.5
Black	57.9	50.8	12.6	11.3 - 13.9
Both sexes, 16 to 19 years	35.0	20.0	40.0	34.7 - 45.3
Hispanic origin	76.2	76.2	4.2	2.3 - 6.1
Houston central city				
Total	69.9	65.4	6.5	5.5 - 7.5
Men	81.7	77.1	5.6	4.3 - 6.9
Women	58.8	54.3	7.6	6.0 - 9.2
Both sexes, 16 to 19 years	50.0	39.6	21.4	15.9 - 26.9

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Houston central city—Continued				
White	72.4	69.3	4.3	3.2 - 5.4
Black	65.5	57.9	11.5	9.2 - 13.8
Hispanic origin	68.3	64.3	5.9	4.1 - 7.7
Indianapolis central city				
Total	69.0	66.2	4.0	2.6 - 5.4
Men	78.2	75.0	4.2	2.2 - 6.2
Women	61.6	59.4	3.8	1.9 - 5.7
White	68.5	66.4	3.0	1.6 - 4.4
Black	70.7	64.7	8.2	4.4 - 12.0
Los Angeles central city				
Total	67.0	61.9	7.6	6.9 - 8.3
Men	77.6	72.2	6.9	6.0 - 7.8
Women	56.1	51.2	8.6	7.4 - 9.8
Both sexes, 16 to 19 years	36.7	29.3	20.7	15.7 - 25.7
White	67.1	62.0	7.6	6.8 - 8.4
Both sexes, 16 to 19 years	36.1	28.3	21.0	15.6 - 26.4
Black	67.4	60.1	10.4	8.0 - 12.8
Hispanic origin	66.9	61.0	9.0	7.9 - 10.1
Both sexes, 16 to 19 years	34.7	26.5	23.7	17.0 - 30.4
Milwaukee central city				
Total	69.8	64.9	7.0	5.1 - 8.9
Men	71.9	66.7	7.0	4.3 - 9.7
Women	68.4	63.8	7.0	4.3 - 9.7
White	72.2	69.6	3.5	1.8 - 5.2
Black	66.4	57.0	14.3	10.1 - 18.5
New York central city				
Total	58.9	54.2	8.0	7.5 - 8.5
Men	68.1	63.1	7.2	6.6 - 7.8
Women	50.8	46.2	8.9	8.2 - 9.6
Both sexes, 16 to 19 years	27.2	19.9	27.0	24.4 - 29.6
White	57.6	53.8	6.6	6.0 - 7.2
Both sexes, 16 to 19 years	25.8	20.4	22.3	18.3 - 26.3
Black	59.4	51.9	12.7	11.7 - 13.7
Both sexes, 16 to 19 years	30.2	19.5	35.3	31.7 - 38.9
Hispanic origin	56.8	51.1	10.1	9.1 - 11.1
Both sexes, 16 to 19 years	28.6	21.4	25.1	19.3 - 30.9

See footnotes at end of table.

Table 23. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates by sex, age, race, and Hispanic origin, 1998 annual averages — Continued

Area and population group	Civilian labor force participation rate	Employment-population ratio	Unemployment	
			Rate	Error range of rate ¹
Philadelphia central city				
Total	57.3	52.5	8.4	7.1 - 9.7
Men	64.9	59.4	8.2	6.4 - 10.0
Women	51.5	47.1	8.6	6.8 - 10.4
Both sexes, 16 to 19 years	36.1	27.7	21.6	13.1 - 30.1
White	61.2	58.2	4.9	3.6 - 6.2
Black	52.8	45.7	13.6	11.1 - 16.1
Hispanic origin	49.0	42.9	13.1	5.0 - 21.2
Phoenix central city				
Total	69.0	65.8	4.6	3.7 - 5.5
Men	78.0	74.3	4.6	3.4 - 5.8
Women	60.8	58.0	4.5	3.2 - 5.8
Both sexes, 16 to 19 years	47.1	37.6	19.4	13.8 - 25.0
White	69.3	66.1	4.6	3.6 - 5.6
Hispanic origin	65.5	61.1	6.6	4.7 - 8.5
St. Louis central city				
Total	68.1	62.0	9.1	6.3 - 11.9
Men	76.5	68.2	11.2	7.0 - 15.4
Women	59.7	56.2	6.6	3.1 - 10.1
White	73.8	70.6	4.7	1.5 - 7.9
Black	61.0	52.2	14.5	9.7 - 19.3
San Antonio central city				
Total	67.4	63.5	5.8	4.5 - 7.1
Men	77.1	73.4	4.9	3.2 - 6.6
Women	59.2	55.2	6.8	4.8 - 8.8
White	66.6	63.1	5.4	4.0 - 6.8
Black	73.7	66.7	11.0	5.7 - 16.3
Hispanic origin	64.8	60.8	6.4	4.7 - 8.1
San Diego central city				
Total	67.3	63.9	5.1	3.9 - 6.3
Men	71.7	68.3	4.8	3.2 - 6.4
Women	63.2	59.9	5.4	3.6 - 7.2
White	68.0	65.5	3.7	2.5 - 4.9
Hispanic origin	67.5	63.2	6.3	3.5 - 9.1
San Francisco central city				
Total	72.6	70.0	3.6	2.4 - 4.8
Men	77.8	74.3	4.7	2.8 - 6.6
Women	67.6	65.9	2.5	1.1 - 3.9
White	74.8	71.8	3.8	2.3 - 5.3

¹ Error ranges are calculated 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.

² Data do not reflect the official U.S. Office of Management and Budget definition. See appendix C.

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

Table 24. Selected metropolitan areas and cities: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages

Population group and area	Total employed ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
TOTAL											
Metropolitan areas:											
Atlanta MSA	100.0	19.4	15.0	2.7	13.3	15.2	10.0	10.4	5.0	4.2	4.2
Baltimore PMSA	100.0	16.5	20.7	4.6	11.1	13.9	12.5	9.9	3.6	2.9	2.8
Bergen-Passaic PMSA	100.0	16.8	15.6	2.9	14.4	16.8	10.1	10.2	6.1	3.1	3.7
Boston PMSA	100.0	18.8	20.3	3.4	11.7	13.2	13.5	9.8	3.1	2.4	2.9
Buffalo-Niagara Falls MSA	100.0	13.1	15.7	3.9	14.3	15.6	14.8	8.6	6.3	3.2	3.6
Charlotte-Gastonia-Rock Hill MSA	100.0	17.3	12.1	3.6	14.0	13.9	9.2	10.6	9.1	4.5	4.3
Chicago PMSA	100.0	16.9	16.8	2.8	12.7	15.3	11.2	9.7	5.9	3.9	3.9
Cincinnati PMSA	100.0	15.9	15.8	4.0	10.5	16.1	11.6	10.4	6.6	4.6	4.0
Cleveland-Lorain-Elyria PMSA	100.0	14.7	14.1	3.4	13.2	14.2	14.5	11.3	5.5	3.6	3.5
Columbus, Ohio MSA	100.0	14.6	17.5	3.1	11.1	15.5	13.4	9.5	4.2	5.2	3.8
Dallas-Fort Worth CMSA	100.0	16.5	14.9	3.5	12.4	15.6	11.8	11.6	5.4	3.7	3.6
Dayton-Springfield MSA	100.0	13.9	15.2	2.8	12.0	12.6	13.3	11.7	9.6	3.5	4.1
Denver-Boulder-Greeley CMSA	100.0	18.8	20.9	3.7	12.9	14.0	9.3	10.0	2.6	3.1	3.5
Detroit PMSA	100.0	14.8	15.0	3.6	12.2	14.3	12.8	11.4	6.9	4.1	4.1
Fort Lauderdale PMSA	100.0	15.7	13.5	3.4	13.3	14.6	16.8	12.5	2.7	3.2	2.8
Hartford MSA	100.0	15.4	15.6	3.6	11.7	15.8	12.0	12.0	5.7	2.7	4.1
Houston PMSA	100.0	15.2	17.6	3.4	13.0	12.9	11.9	12.2	4.8	4.0	3.9
Indianapolis MSA	100.0	18.6	17.5	2.9	13.3	13.8	11.4	9.3	5.2	2.4	4.5
Kansas City MSA	100.0	15.4	15.7	3.8	13.9	16.1	10.9	10.2	5.1	3.8	4.5
Los Angeles-Long Beach PMSA	100.0	15.3	15.0	2.5	11.1	14.4	14.1	10.0	7.6	3.9	4.4
Louisville MSA	100.0	14.9	16.2	3.1	10.3	16.2	12.8	11.5	6.1	4.1	3.6
Memphis MSA	100.0	15.9	10.5	4.2	12.9	17.3	14.8	10.1	5.0	4.6	3.5
Miami PMSA	100.0	13.2	12.5	3.6	13.9	15.9	15.7	9.0	3.6	5.0	5.1
Milwaukee-Waukesha PMSA	100.0	15.2	15.5	2.9	10.8	17.4	10.1	11.9	6.2	4.1	5.1
Minneapolis-St. Paul MSA	100.0	20.1	18.0	3.6	12.0	14.4	11.5	9.2	4.7	2.9	2.8
Nassau-Suffolk PMSA	100.0	16.9	15.8	2.8	13.1	16.7	13.0	11.6	2.9	3.4	2.7
New Orleans MSA	100.0	13.5	15.7	3.7	11.8	15.5	17.1	7.8	3.1	5.3	5.0
New York PMSA	100.0	15.5	17.3	3.1	11.7	15.2	18.1	7.0	4.0	4.0	3.6
Newark PMSA	100.0	15.7	16.1	3.2	13.2	16.2	15.7	7.4	4.7	3.5	3.3
Norfolk-Virginia Beach-Newport News MSA	100.0	14.6	17.5	4.2	12.7	14.4	13.4	11.6	3.2	2.9	3.2
Oakland PMSA	100.0	19.8	18.6	4.7	13.3	14.7	11.3	9.6	2.1	2.5	2.6
Oklahoma City MSA	100.0	15.0	18.1	4.3	12.3	15.7	12.1	9.3	5.0	3.2	4.1
Orange County PMSA	100.0	17.0	17.2	3.2	14.7	12.3	11.4	11.0	5.9	2.6	3.2
Philadelphia PMSA	100.0	16.4	19.0	3.5	13.3	15.3	12.2	8.5	3.5	3.3	3.5
Phoenix-Mesa MSA	100.0	16.1	14.3	3.5	12.5	14.6	13.6	11.8	4.7	2.5	3.4
Pittsburgh MSA	100.0	15.2	17.2	3.6	12.4	15.0	14.5	10.0	3.7	4.5	2.9
Portland-Vancouver PMSA	100.0	15.5	15.0	2.5	12.7	14.8	13.3	10.8	5.8	3.4	3.9
Providence-Fall River-Warwick MSA	100.0	12.8	14.4	3.5	12.8	13.5	14.1	11.5	9.1	2.9	3.8
Riverside-San Bernardino PMSA	100.0	13.4	12.3	2.9	12.9	14.0	13.8	13.7	4.7	5.5	4.8
Rochester MSA	100.0	14.4	16.6	3.1	12.3	12.5	14.7	9.8	8.7	3.7	2.8
Sacramento-Yolo CMSA	100.0	16.7	17.3	3.9	13.3	15.5	13.6	9.2	2.2	3.5	3.1
St. Louis MSA ²	100.0	15.3	15.9	3.2	13.4	14.6	11.9	10.9	5.5	4.4	3.3
Salt Lake City-Ogden MSA	100.0	14.6	15.3	3.7	14.0	17.1	11.0	10.7	4.7	3.1	4.4
San Antonio MSA	100.0	11.8	14.0	2.7	12.2	16.0	17.8	11.6	3.3	4.2	4.0
San Diego MSA	100.0	15.5	16.3	3.8	12.5	14.0	15.6	9.7	3.8	2.8	3.6
San Francisco PMSA	100.0	20.3	20.2	3.2	13.7	12.2	11.5	8.5	3.8	2.7	3.0
San Jose PMSA	100.0	16.9	23.3	5.6	9.0	13.0	9.6	10.5	5.4	2.0	2.8
Seattle-Bellevue-Everett PMSA	100.0	20.7	19.9	3.6	11.4	12.4	11.1	9.4	3.7	3.6	3.1
Tampa-St. Petersburg-Clearwater MSA	100.0	13.3	13.4	3.8	14.9	15.0	15.1	11.1	4.4	2.9	3.9
Washington D.C. PMSA	100.0	22.8	23.2	3.5	9.7	13.6	12.4	7.8	1.3	2.6	1.9
Cities:											
Baltimore central city	100.0	13.4	14.8	4.7	8.7	15.9	21.3	9.4	4.0	2.9	4.7
Chicago central city	100.0	13.8	16.5	2.7	11.2	15.5	14.5	8.1	6.8	4.6	5.4
Cleveland central city	100.0	7.2	8.3	1.7	12.2	13.8	27.1	11.0	7.7	6.6	3.3
Dallas central city	100.0	14.7	16.8	2.4	11.3	15.5	13.4	10.5	7.3	2.6	4.7

See footnotes at end of table.

Table 24. Selected metropolitan areas and cities: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and area	Total employed ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
TOTAL—Continued											
Cities:—Continued											
Detroit central city	100.0	8.0	9.1	3.8	10.9	16.2	21.5	8.0	10.6	5.6	5.9
District of Columbia	100.0	20.5	25.8	4.5	7.8	15.2	16.4	3.3	1.2	2.9	2.0
Houston central city	100.0	12.5	15.9	3.0	13.8	13.4	14.6	11.5	5.3	4.5	4.5
Indianapolis central city	100.0	16.7	15.3	3.2	12.1	16.1	14.8	7.5	4.6	1.9	6.5
Los Angeles central city	100.0	14.4	14.6	2.0	10.2	13.7	16.3	10.1	8.0	3.5	4.8
Milwaukee central city	100.0	11.3	15.5	1.3	7.9	18.0	18.0	10.5	6.7	4.6	5.9
New York central city	100.0	14.5	16.4	3.1	11.4	15.3	19.4	7.0	4.4	4.2	3.9
Philadelphia central city	100.0	10.8	17.3	2.7	11.3	18.5	18.3	8.5	4.1	4.1	3.9
Phoenix central city	100.0	13.6	12.2	3.0	10.1	14.7	14.8	14.4	6.6	3.5	3.9
St. Louis central city	100.0	15.8	19.9	1.8	8.8	14.6	11.1	7.0	9.4	4.1	7.0
San Antonio central city	100.0	10.5	14.0	2.6	13.0	14.8	20.0	11.5	3.2	4.7	3.6
San Diego central city	100.0	15.3	19.6	4.6	12.3	13.4	16.4	8.1	3.0	2.7	3.3
San Francisco central city	100.0	20.0	16.5	3.5	12.3	12.8	15.0	7.0	5.3	2.9	3.5
Men											
Metropolitan areas:											
Atlanta MSA	100.0	21.1	13.9	2.6	13.3	4.9	6.6	18.2	5.7	6.6	6.4
Baltimore PMSA	100.0	17.8	17.6	2.8	12.1	5.1	10.4	17.8	4.1	5.1	4.9
Bergen-Passaic PMSA	100.0	17.8	13.6	3.1	16.7	7.1	7.6	17.0	5.7	5.1	5.4
Boston PMSA	100.0	19.2	19.0	3.4	11.0	6.0	11.7	16.7	3.0	4.1	4.7
Buffalo-Niagara Falls MSA	100.0	14.4	13.0	3.9	13.7	6.7	11.9	15.1	7.7	6.0	6.0
Charlotte-Gastonia-Rock Hill MSA ...	100.0	19.5	8.9	3.4	14.1	5.5	5.7	18.7	8.6	7.5	6.3
Chicago PMSA	100.0	17.4	15.4	2.6	12.6	6.1	8.9	16.1	7.4	6.4	5.7
Cincinnati PMSA	100.0	16.7	12.8	3.2	10.1	7.6	8.1	19.0	8.4	7.9	5.4
Cleveland-Lorain-Elyria PMSA	100.0	14.8	12.1	2.6	12.4	6.9	10.0	19.7	7.3	6.0	4.9
Columbus, Ohio MSA	100.0	16.0	15.3	2.4	10.2	7.5	10.4	16.0	5.3	9.2	5.3
Dallas-Fort Worth CMSA	100.0	16.9	13.9	3.6	11.3	7.1	9.9	18.7	5.7	6.0	5.3
Dayton-Springfield MSA	100.0	16.3	12.6	2.8	10.2	4.5	9.8	20.3	10.6	6.1	5.3
Denver-Boulder-Greeley CMSA	100.0	17.5	21.4	2.8	12.7	7.1	6.5	16.8	3.2	5.0	5.4
Detroit PMSA	100.0	15.3	14.2	3.0	10.4	5.2	10.2	19.4	8.3	6.3	6.0
Fort Lauderdale PMSA	100.0	16.5	11.2	2.4	13.6	4.2	15.2	21.3	3.1	5.5	4.2
Hartford MSA	100.0	16.2	14.8	2.8	10.0	6.6	9.3	21.4	6.9	4.5	5.9
Houston PMSA	100.0	14.5	16.1	3.5	11.9	4.5	8.5	20.4	7.0	6.5	5.7
Indianapolis MSA	100.0	21.5	15.9	1.8	12.4	6.1	8.1	15.9	6.8	3.8	6.3
Kansas City MSA	100.0	14.9	15.4	3.4	14.5	7.1	8.7	17.2	5.7	6.1	6.1
Los Angeles-Long Beach PMSA	100.0	15.1	14.0	2.0	10.8	7.7	11.1	15.8	8.1	6.2	6.3
Louisville MSA	100.0	17.1	15.7	2.0	8.0	7.4	10.4	19.4	7.0	6.7	4.3
Memphis MSA	100.0	17.5	8.4	3.4	12.2	5.3	12.9	19.4	5.3	8.4	5.7
Miami PMSA	100.0	13.4	11.8	3.1	13.2	8.2	11.8	15.0	3.8	8.2	8.3
Milwaukee-Waukesha PMSA	100.0	15.8	12.7	2.4	9.3	5.7	8.1	20.8	8.9	7.4	7.2
Minneapolis-St. Paul MSA	100.0	19.0	16.5	4.3	12.6	6.9	8.0	15.7	6.6	4.9	4.0
Nassau-Suffolk PMSA	100.0	19.7	11.8	2.7	13.3	6.5	12.0	20.1	3.2	5.1	4.2
New Orleans MSA	100.0	14.1	17.6	3.5	7.9	4.7	13.2	13.8	4.4	9.4	8.5
New York PMSA	100.0	16.3	14.3	2.8	12.2	8.5	16.9	12.1	3.6	6.9	5.7
Newark PMSA	100.0	19.4	14.6	2.6	11.7	6.6	12.6	13.2	6.0	6.2	5.3
Norfolk-Virginia Beach-Newport News MSA	100.0	14.4	16.6	4.4	9.4	6.6	11.4	21.3	3.6	4.2	5.5
Oakland PMSA	100.0	19.9	18.2	4.4	11.3	7.3	9.2	16.9	3.1	4.4	4.0
Oklahoma City MSA	100.0	16.4	16.8	3.6	12.5	5.7	8.9	15.7	6.8	5.7	6.4
Orange County PMSA	100.0	17.0	17.1	3.1	14.9	5.6	8.4	16.7	5.6	4.6	5.1
Philadelphia PMSA	100.0	17.4	16.4	3.6	13.1	5.9	10.5	15.7	4.1	5.6	5.6
Phoenix-Mesa MSA	100.0	17.1	13.6	3.0	10.9	5.3	10.8	19.5	5.3	4.0	5.3
Pittsburgh MSA	100.0	16.7	16.8	3.1	11.4	5.8	9.9	17.3	4.9	7.7	4.8
Portland-Vancouver PMSA	100.0	16.2	15.3	2.2	10.8	7.0	8.8	17.6	8.1	5.7	5.7
Providence-Fall River-Warwick MSA	100.0	14.1	13.4	2.5	10.9	5.6	10.9	20.1	10.2	4.9	5.3
Riverside-San Bernardino PMSA	100.0	12.4	9.1	2.8	10.4	6.3	11.8	23.7	5.1	8.8	6.6

See footnotes at end of table.

Table 24. Selected metropolitan areas and cities: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and area	Total employed ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
Men—Continued											
Metropolitan areas:—Continued											
Rochester MSA	100.0	17.2	16.5	2.5	9.7	5.4	11.8	16.5	8.6	6.1	3.6
Sacramento-Yolo CMSA	100.0	16.7	17.2	3.4	13.3	5.4	11.6	15.3	2.7	6.7	5.4
St. Louis MSA ²	100.0	15.6	11.4	2.9	11.6	6.6	10.1	19.2	7.4	7.7	5.4
Salt Lake City-Ogden MSA	100.0	14.7	13.9	4.0	14.5	7.0	8.6	18.2	4.8	5.4	6.7
San Antonio MSA	100.0	12.4	11.9	2.6	11.1	6.7	13.7	20.9	3.6	7.8	6.5
San Diego MSA	100.0	15.5	14.1	4.5	11.9	5.8	13.2	16.7	4.0	4.6	5.7
San Francisco PMSA	100.0	18.6	18.8	3.1	14.8	6.9	9.3	15.1	3.3	5.1	4.4
San Jose PMSA	100.0	18.4	24.1	5.5	8.3	6.0	7.9	14.8	4.5	2.8	4.7
Seattle-Bellevue-Everett PMSA	100.0	21.0	19.3	2.8	11.3	5.3	8.0	15.5	5.3	5.3	4.2
Tampa-St. Petersburg-Clearwater MSA	100.0	15.6	11.2	2.7	13.0	5.2	13.1	19.0	5.9	5.0	5.7
Washington D.C. PMSA	100.0	23.6	22.2	3.8	9.7	5.2	11.2	13.9	1.6	4.4	2.6
Cities:											
Baltimore central city	100.0	13.8	9.7	3.4	9.7	4.8	22.8	15.9	4.8	5.5	8.3
Chicago central city	100.0	11.8	15.4	2.1	10.7	7.2	13.4	13.8	8.5	8.0	8.2
Cleveland central city	100.0	5.8	5.8	1.2	8.1	4.7	23.3	20.9	10.5	11.6	4.7
Dallas central city	100.0	15.9	17.0	2.3	8.1	8.4	12.7	17.0	6.1	4.0	7.2
Detroit central city	100.0	6.2	8.0	3.1	4.9	6.8	17.9	16.0	14.2	11.1	10.5
District of Columbia	100.0	20.0	25.0	4.2	7.5	8.3	17.5	5.8	1.7	5.8	3.3
Houston central city	100.0	10.6	15.9	2.4	13.6	4.1	10.8	19.1	7.7	7.5	7.1
Indianapolis central city	100.0	18.8	13.4	1.1	11.3	8.6	13.4	13.4	6.5	2.7	9.7
Los Angeles central city	100.0	14.3	13.3	1.4	9.9	8.5	12.3	15.6	7.9	5.6	6.9
Milwaukee central city	100.0	9.6	9.6	.9	5.3	7.9	17.5	21.1	11.4	7.9	8.8
New York central city	100.0	15.0	13.1	2.8	11.8	9.0	18.5	11.9	3.9	7.4	6.2
Philadelphia central city	100.0	10.2	14.1	2.5	9.2	11.3	18.0	16.5	3.5	7.4	6.7
Phoenix central city	100.0	13.1	11.9	2.9	8.7	4.7	10.8	24.1	6.7	5.8	5.8
St. Louis central city	100.0	14.4	13.3	2.2	6.7	8.9	16.7	12.2	10.0	5.6	10.0
San Antonio central city	100.0	10.4	11.5	1.9	10.8	6.2	16.5	20.4	3.8	8.8	6.2
San Diego central city	100.0	14.9	18.3	5.8	12.5	5.8	14.0	13.7	2.1	4.6	5.5
San Francisco central city	100.0	19.3	16.1	3.5	13.0	6.3	15.0	11.8	3.9	5.5	5.1
Women											
Metropolitan areas:											
Atlanta MSA	100.0	17.6	16.1	2.8	13.3	26.5	13.8	1.8	4.2	1.5	1.8
Baltimore PMSA	100.0	15.2	23.9	6.8	10.1	23.4	14.9	1.5	2.8	.7	.5
Bergen-Passaic PMSA	100.0	15.6	17.5	2.6	11.6	28.1	12.9	2.3	6.6	.3	2.0
Boston PMSA	100.0	18.4	21.7	3.2	12.5	21.6	15.6	1.9	3.2	.5	1.0
Buffalo-Niagara Falls MSA	100.0	11.3	18.5	4.4	14.5	24.7	17.8	1.8	4.7	.4	1.1
Charlotte-Gastonia-Rock Hill MSA ...	100.0	15.2	15.5	3.7	13.9	23.2	13.0	1.9	9.6	1.2	2.2
Chicago PMSA	100.0	16.3	18.4	3.1	12.9	26.1	13.9	2.2	4.0	.8	1.7
Cincinnati PMSA	100.0	15.0	18.8	4.8	10.7	24.9	15.2	1.5	4.8	1.3	2.5
Cleveland-Lorain-Elyria PMSA	100.0	14.5	16.4	4.2	14.1	22.0	19.4	2.3	3.5	1.2	2.1
Columbus, Ohio MSA	100.0	13.2	20.0	3.8	12.2	24.3	16.8	2.2	3.0	.8	2.2
Dallas-Fort Worth CMSA	100.0	16.0	16.1	3.4	13.8	26.0	14.0	2.8	5.0	.9	1.7
Dayton-Springfield MSA	100.0	11.3	18.8	2.8	14.1	21.6	17.4	1.9	8.5	.9	2.3
Denver-Boulder-Greeley CMSA	100.0	20.1	20.3	4.9	13.2	22.0	12.4	2.2	1.9	1.1	1.3
Detroit PMSA	100.0	14.1	16.1	4.3	14.3	25.6	16.1	1.3	5.2	1.1	1.5
Fort Lauderdale PMSA	100.0	14.7	16.0	4.6	12.9	26.6	18.8	2.0	2.3	.5	1.3
Hartford MSA	100.0	14.6	16.5	4.5	13.1	25.8	15.0	2.2	4.5	.7	2.2
Houston PMSA	100.0	16.4	19.5	3.2	14.3	24.2	16.5	1.1	1.8	.6	1.4
Indianapolis MSA	100.0	15.4	19.3	4.2	14.3	22.4	15.1	2.0	3.4	.6	2.8
Kansas City MSA	100.0	16.0	16.0	4.3	13.3	26.4	13.5	2.3	4.5	1.1	2.7
Los Angeles-Long Beach PMSA	100.0	15.4	16.3	3.2	11.7	23.3	18.2	2.2	7.0	.8	1.7
Louisville MSA	100.0	12.1	17.1	4.3	12.8	26.5	15.6	2.3	4.7	1.2	2.7

See footnotes at end of table.

Table 24. Selected metropolitan areas and cities: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and area	Total employed ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
Women—Continued											
Metropolitan areas:—Continued											
Memphis MSA	100.0	14.3	12.5	5.0	13.3	28.7	16.5	1.4	4.7	1.1	1.4
Miami PMSA	100.0	12.9	13.6	4.5	14.7	25.7	20.5	1.6	3.6	1.1	1.1
Milwaukee-Waukesha PMSA	100.0	14.5	18.6	3.1	12.4	30.0	12.1	2.3	3.4	.5	2.8
Minneapolis-St. Paul MSA	100.0	21.3	19.6	2.7	11.5	22.7	15.2	1.9	2.6	.6	1.4
Nassau-Suffolk PMSA	100.0	13.7	20.6	3.0	12.9	28.9	14.2	1.4	2.6	1.6	1.0
New Orleans MSA	100.0	12.8	13.5	3.9	15.8	27.6	21.4	1.0	2.0	1.0	.7
New York PMSA	100.0	14.6	20.8	3.6	11.2	23.1	19.6	1.0	4.4	.5	1.0
Newark PMSA	100.0	11.6	17.7	3.9	14.9	26.9	19.3	1.0	3.3	.4	1.0
Norfolk-Virginia Beach-Newport News MSA	100.0	14.7	18.4	3.7	16.1	22.4	15.9	2.0	2.8	1.4	.8
Oakland PMSA	100.0	19.9	19.1	5.1	15.4	23.1	13.6	1.2	1.2	.2	1.0
Oklahoma City MSA	100.0	13.3	19.6	5.1	12.2	26.3	15.7	2.4	2.7	.8	1.6
Orange County PMSA	100.0	17.1	17.3	3.2	14.5	21.2	15.3	3.6	6.3	(³)	.8
Philadelphia PMSA	100.0	15.3	21.9	3.4	13.5	25.4	14.1	.9	2.9	.9	1.3
Phoenix-Mesa MSA	100.0	15.1	15.1	4.1	14.2	26.0	17.0	2.2	3.9	.6	1.1
Pittsburgh MSA	100.0	13.5	17.6	4.2	13.3	25.2	19.7	1.7	2.3	.9	.8
Portland-Vancouver PMSA	100.0	14.7	14.7	2.9	15.2	24.7	19.0	2.5	2.9	.5	1.6
Providence-Fall River-Warwick MSA	100.0	11.4	16.0	4.6	14.8	22.4	17.5	2.3	8.0	.8	2.3
Riverside-San Bernardino PMSA	100.0	14.6	16.5	3.0	15.9	23.9	16.5	.6	4.2	1.1	2.5
Rochester MSA	100.0	11.0	16.7	4.2	15.2	19.7	17.8	2.7	8.7	1.1	1.9
Sacramento-Yolo CMSA	100.0	16.6	17.4	4.4	13.4	26.7	15.5	2.5	1.6	(³)	.5
St. Louis MSA ²	100.0	15.0	20.7	3.6	15.2	23.3	13.8	1.9	3.7	1.1	1.1
Salt Lake City-Ogden MSA	100.0	14.3	16.8	3.4	13.4	29.0	13.7	2.1	4.6	.6	2.1
San Antonio MSA	100.0	11.1	16.6	3.2	13.4	26.5	22.4	1.2	2.9	.6	1.2
San Diego MSA	100.0	15.4	18.8	3.0	13.1	23.0	18.3	1.8	3.5	.7	1.3
San Francisco PMSA	100.0	22.2	21.7	3.3	12.4	18.2	14.1	1.0	4.3	.2	1.4
San Jose PMSA	100.0	14.8	22.6	5.8	10.1	22.4	11.6	4.8	6.5	1.0	.5
Seattle-Bellevue-Everett PMSA	100.0	20.5	20.5	4.5	11.4	20.8	14.8	2.2	1.8	1.5	1.7
Tampa-St. Petersburg-Clearwater MSA	100.0	10.7	15.8	5.1	16.9	25.7	16.9	2.3	2.7	.6	1.9
Washington D.C. PMSA	100.0	21.9	24.4	3.1	9.6	23.5	13.8	.8	1.1	.4	1.1
Cities:											
Baltimore central city	100.0	12.9	20.5	6.1	7.6	28.0	18.9	2.3	3.0	.8	.8
Chicago central city	100.0	15.9	17.7	3.4	11.8	24.7	15.8	1.6	5.2	.9	2.5
Cleveland central city	100.0	8.4	10.5	2.1	15.8	22.1	30.5	1.1	4.2	2.1	2.1
Dallas central city	100.0	13.2	16.5	2.2	15.4	24.6	14.3	2.2	8.5	.7	1.8
Detroit central city	100.0	9.6	10.2	4.0	16.4	24.9	24.9	1.1	7.3	.6	1.1
District of Columbia	100.0	20.3	26.0	4.9	8.1	21.1	15.4	.8	.8	.8	.8
Houston central city	100.0	15.0	16.1	3.8	13.9	26.0	19.8	1.1	2.1	.5	1.1
Indianapolis central city	100.0	14.4	17.1	5.3	13.4	24.1	16.0	1.6	2.7	1.1	3.7
Los Angeles central city	100.0	14.6	16.5	3.0	10.5	21.2	22.0	2.0	8.1	.6	1.7
Milwaukee central city	100.0	12.8	20.8	1.6	11.2	27.2	19.2	.8	2.4	1.6	3.2
New York central city	100.0	14.1	20.4	3.5	10.9	22.9	20.5	1.0	5.0	.5	1.2
Philadelphia central city	100.0	11.3	20.3	3.3	13.7	25.3	19.0	1.0	4.3	.7	1.0
Phoenix central city	100.0	14.5	12.5	3.1	12.1	26.6	19.7	2.8	6.2	1.0	1.7
St. Louis central city	100.0	17.3	27.2	1.2	11.1	21.0	6.2	(³)	8.6	2.5	3.7
San Antonio central city	100.0	10.7	16.7	3.0	15.4	24.4	23.9	1.7	2.6	(³)	.9
San Diego central city	100.0	15.7	20.9	3.3	12.1	21.6	18.6	2.0	3.6	.7	1.0
San Francisco central city	100.0	21.1	17.2	3.4	11.6	19.8	15.1	1.7	6.9	.4	1.7
White											
Metropolitan areas:											
Atlanta MSA	100.0	22.1	17.4	2.5	14.6	13.2	7.8	11.6	3.6	3.2	3.4
Baltimore PMSA	100.0	18.5	23.3	4.5	12.4	12.8	9.7	11.3	2.8	2.1	1.1

See footnotes at end of table.

Table 24. Selected metropolitan areas and cities: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and area	Total employed ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
White—Continued											
Metropolitan areas:—Continued											
Bergen-Passaic PMSA	100.0	17.1	15.8	3.3	14.4	16.9	9.1	10.9	5.6	2.9	3.8
Boston PMSA	100.0	19.6	20.1	3.1	12.0	13.3	12.6	10.2	3.0	2.3	2.9
Buffalo-Niagara Falls MSA	100.0	13.8	15.8	4.2	15.2	14.4	12.8	9.1	6.1	3.4	4.0
Charlotte-Gastonia-Rock Hill MSA ...	100.0	20.6	13.8	3.3	15.5	13.0	7.3	11.4	6.7	3.3	2.9
Chicago PMSA	100.0	18.8	16.5	2.6	13.1	14.3	10.2	10.6	5.8	3.4	3.7
Cincinnati PMSA	100.0	16.2	16.1	3.6	10.9	16.7	10.2	10.9	6.6	4.0	3.7
Cleveland-Lorain-Elyria PMSA	100.0	15.7	14.5	3.7	13.0	14.0	13.0	11.9	5.5	3.5	3.4
Columbus, Ohio MSA	100.0	15.7	18.0	3.0	11.9	14.9	12.5	9.3	4.0	5.0	3.0
Dallas-Fort Worth CMSA	100.0	17.8	14.5	3.6	12.7	14.9	10.9	12.5	4.8	3.7	3.6
Dayton-Springfield MSA	100.0	15.8	16.5	2.6	12.4	12.4	10.3	12.1	8.5	3.6	3.6
Denver-Boulder-Greeley CMSA	100.0	18.8	21.5	3.7	13.3	13.8	9.0	9.8	2.5	3.2	3.3
Detroit PMSA	100.0	16.2	15.3	3.2	12.5	14.2	11.1	12.6	6.1	3.6	4.2
Fort Lauderdale PMSA	100.0	18.7	15.4	3.5	14.1	14.6	12.4	13.1	2.3	1.8	2.8
Hartford MSA	100.0	16.7	16.5	3.7	11.6	15.2	10.6	12.2	5.7	2.6	4.1
Houston PMSA	100.0	17.3	18.3	3.2	11.9	12.4	10.1	13.1	5.4	3.3	4.0
Indianapolis MSA	100.0	19.1	18.1	2.9	14.0	12.0	10.3	10.2	5.5	2.3	4.3
Kansas City MSA	100.0	16.0	16.4	3.7	14.3	15.4	10.1	10.7	4.8	3.7	4.1
Los Angeles-Long Beach PMSA	100.0	14.8	14.4	2.2	10.8	13.1	14.5	11.0	8.4	4.1	4.8
Louisville MSA	100.0	15.9	15.9	3.0	11.0	16.1	11.4	12.0	5.6	3.8	3.6
Memphis MSA	100.0	22.5	15.6	5.5	15.6	13.8	7.3	11.4	3.1	1.0	3.1
Miami PMSA	100.0	14.8	13.5	3.9	14.5	16.1	13.6	8.6	3.3	4.9	4.9
Milwaukee-Waukesha PMSA	100.0	14.8	15.4	2.8	10.9	17.7	9.3	12.9	5.9	4.4	4.9
Minneapolis-St. Paul MSA	100.0	20.8	18.7	3.4	12.4	14.4	10.8	9.1	4.1	2.8	2.5
Nassau-Suffolk PMSA	100.0	17.4	15.2	2.9	13.3	16.6	12.8	12.0	2.8	3.5	2.9
New Orleans MSA	100.0	17.4	18.6	3.9	11.5	15.4	13.0	9.1	2.5	3.4	3.4
New York PMSA	100.0	17.8	19.2	2.7	12.7	15.1	14.6	6.8	3.3	3.6	3.8
Newark PMSA	100.0	17.3	16.6	2.8	14.7	15.9	12.9	8.6	4.4	3.0	2.6
Norfolk-Virginia Beach-Newport News MSA	100.0	15.4	18.5	4.9	13.8	15.2	10.0	12.4	2.4	2.0	2.8
Oakland PMSA	100.0	21.6	19.2	4.7	13.7	12.7	9.0	11.1	2.0	2.9	2.4
Oklahoma City MSA	100.0	15.7	17.5	4.4	13.1	16.2	10.9	9.5	4.4	3.3	3.3
Orange County PMSA	100.0	18.1	16.7	3.0	15.0	11.7	11.8	10.5	5.8	2.8	3.2
Philadelphia PMSA	100.0	18.0	19.7	3.5	13.4	14.8	9.9	9.0	3.4	3.3	3.4
Phoenix-Mesa MSA	100.0	16.6	14.5	3.7	12.3	14.3	13.5	11.9	3.9	2.5	3.6
Pittsburgh MSA	100.0	15.9	16.7	3.7	12.6	14.8	14.0	9.8	3.7	4.6	2.9
Portland-Vancouver PMSA	100.0	15.2	15.3	2.8	13.0	14.2	13.5	11.0	5.3	3.5	4.0
Providence-Fall River-Warwick MSA	100.0	13.2	14.5	3.5	13.0	13.5	13.9	11.4	8.7	3.1	3.9
Riverside-San Bernardino PMSA	100.0	13.7	11.0	2.9	12.5	12.8	14.3	14.2	5.4	5.7	4.8
Rochester MSA	100.0	15.3	16.5	3.6	12.6	12.8	12.3	10.5	8.8	3.8	2.5
Sacramento-Yolo CMSA	100.0	17.0	18.0	3.9	13.4	13.8	14.0	9.0	2.0	3.8	3.6
St. Louis MSA ²	100.0	15.7	15.6	3.4	13.8	14.3	10.8	12.6	5.0	4.1	3.2
Salt Lake City-Ogden MSA	100.0	14.8	15.6	3.7	14.2	17.1	10.8	10.6	4.3	3.1	4.5
San Antonio MSA	100.0	12.4	13.9	2.5	11.5	15.9	17.4	12.6	3.1	4.3	3.9
San Diego MSA	100.0	16.4	17.2	3.5	13.4	12.7	15.2	9.4	3.2	2.7	3.5
San Francisco PMSA	100.0	22.1	22.4	3.5	13.7	10.7	9.4	9.0	2.2	2.5	3.4
San Jose PMSA	100.0	18.6	20.7	5.2	9.4	13.9	8.8	10.1	5.2	1.9	3.5
Seattle-Bellevue-Everett PMSA	100.0	20.9	20.1	3.9	11.8	11.8	10.3	9.8	3.3	3.6	3.1
Tampa-St. Petersburg-Clearwater MSA	100.0	14.1	13.8	3.6	15.4	15.2	13.8	11.0	3.7	2.9	3.8
Washington D.C. PMSA	100.0	25.8	25.8	3.3	9.0	11.1	10.8	8.8	1.2	1.1	1.7
Cities:											
Baltimore central city	100.0	14.3	26.2	6.0	13.1	8.3	14.3	13.1	2.4	1.2	1.2
Chicago central city	100.0	17.1	17.4	2.9	10.9	12.4	12.3	9.7	7.5	3.5	5.3
Cleveland central city	100.0	9.1	8.1	3.0	11.1	16.2	20.2	12.1	9.1	7.1	4.0
Dallas central city	100.0	16.5	16.7	2.5	11.5	14.0	12.4	11.9	6.9	1.8	5.3
Detroit central city	100.0	3.4	5.2	(³)	12.1	19.0	20.7	13.8	3.4	5.2	12.1

See footnotes at end of table.

Table 24. Selected metropolitan areas and cities: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and area	Total employed ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
White—Continued											
Cities:—Continued											
District of Columbia	100.0	29.4	39.2	5.9	5.9	9.8	6.9	2.0	(³)	(³)	1.0
Houston central city	100.0	15.4	17.5	3.0	11.4	12.5	11.1	13.0	6.8	3.7	4.7
Indianapolis central city	100.0	17.5	16.8	3.2	13.7	12.6	13.0	9.1	4.9	1.8	6.3
Los Angeles central city	100.0	13.7	14.2	1.5	10.1	11.8	16.4	10.9	9.2	3.7	5.3
Milwaukee central city	100.0	9.7	17.6	1.2	6.1	17.6	17.6	12.1	7.3	6.1	4.8
New York central city	100.0	16.7	18.4	2.7	12.2	15.3	15.6	6.8	3.9	3.9	4.3
Philadelphia central city	100.0	13.0	19.4	1.7	11.0	18.5	13.3	9.0	4.6	4.3	4.3
Phoenix central city	100.0	14.0	12.9	3.1	10.1	14.2	14.7	14.2	5.4	3.5	4.2
St. Louis central city	100.0	15.7	23.6	3.4	6.7	14.6	7.9	12.4	4.5	4.5	4.5
San Antonio central city	100.0	11.2	14.1	2.2	12.3	15.0	19.6	12.5	2.9	4.5	3.6
San Diego central city	100.0	16.7	21.4	4.7	14.2	12.1	15.3	6.8	1.7	2.8	3.0
San Francisco central city	100.0	22.6	20.3	5.1	12.5	12.2	10.5	6.8	2.0	2.7	4.7
Black											
Metropolitan areas:											
Atlanta MSA	100.0	13.5	10.0	3.3	9.7	20.1	14.3	7.3	8.3	6.8	6.0
Baltimore PMSA	100.0	12.4	12.1	3.8	7.7	18.0	20.4	6.5	5.6	5.0	7.1
Bergen-Passaic PMSA	100.0	12.8	12.8	2.1	12.8	21.3	17.0	4.3	6.4	6.4	4.3
Boston PMSA	100.0	7.8	16.7	6.7	7.8	13.3	28.9	5.6	5.6	5.6	3.3
Buffalo-Niagara Falls MSA	100.0	2.3	4.5	2.3	4.5	29.5	40.9	4.5	9.1	2.3	(³)
Charlotte-Gastonia-Rock Hill MSA ..	100.0	8.5	7.9	4.2	9.1	17.0	15.8	7.9	13.9	7.9	8.5
Chicago PMSA	100.0	9.4	14.2	2.3	10.4	21.1	16.7	6.9	6.4	6.6	5.3
Cincinnati PMSA	100.0	12.8	11.7	4.3	7.4	13.8	21.3	7.4	6.4	8.5	5.3
Cleveland-Lorain-Elyria PMSA	100.0	9.6	9.6	1.9	12.2	17.3	25.6	7.1	5.8	5.1	4.5
Columbus, Ohio MSA	100.0	9.6	9.6	2.9	6.7	19.2	21.2	8.7	5.8	6.7	8.7
Dallas-Fort Worth CMSA	100.0	11.1	14.3	3.3	9.8	21.9	16.8	6.8	5.8	4.5	4.8
Dayton-Springfield MSA	100.0	1.5	9.2	3.1	7.7	12.3	29.2	9.2	16.9	4.6	6.2
Denver-Boulder-Greeley CMSA	100.0	16.3	4.7	2.3	7.0	25.6	16.3	11.6	2.3	2.3	9.3
Detroit PMSA	100.0	8.9	9.8	4.6	11.4	15.4	21.7	6.8	11.1	6.2	3.8
Fort Lauderdale PMSA	100.0	5.5	6.0	3.3	9.8	14.2	32.2	9.8	3.8	8.2	2.7
Hartford MSA	100.0	5.1	10.2	3.4	10.2	20.3	23.7	13.6	5.1	3.4	5.1
Houston PMSA	100.0	7.9	12.6	2.9	13.5	16.4	20.8	8.8	2.9	8.5	4.7
Indianapolis MSA	100.0	14.1	11.5	2.6	9.0	25.6	20.5	3.8	3.8	2.6	7.7
Kansas City MSA	100.0	9.7	6.5	5.4	10.8	24.7	18.3	6.5	5.4	4.3	8.6
Los Angeles-Long Beach PMSA	100.0	14.0	15.7	2.9	9.8	22.1	16.2	6.9	3.1	5.0	3.8
Louisville MSA	100.0	4.2	12.5	4.2	2.1	18.8	27.1	6.3	10.4	8.3	4.2
Memphis MSA	100.0	8.4	4.8	3.2	10.0	21.7	22.9	8.4	7.2	8.4	4.0
Miami PMSA	100.0	5.5	8.5	2.4	11.5	14.5	24.2	11.5	5.5	6.1	6.1
Milwaukee-Waukesha PMSA	100.0	15.8	10.5	1.3	13.2	18.4	18.4	6.6	6.6	1.3	6.6
Minneapolis-St. Paul MSA	100.0	8.2	9.8	3.3	11.5	16.4	21.3	8.2	4.9	6.6	9.8
Nassau-Suffolk PMSA	100.0	12.2	18.3	2.4	9.8	18.3	20.7	8.5	6.1	1.2	2.4
New Orleans MSA	100.0	5.5	9.6	3.7	11.4	16.9	23.7	5.5	4.6	9.1	7.8
New York PMSA	100.0	10.2	12.8	4.0	9.2	17.1	27.2	7.7	3.3	5.0	3.0
Newark PMSA	100.0	11.0	12.1	3.3	9.2	18.0	25.0	4.8	5.9	5.1	5.1
Norfolk-Virginia Beach-Newport News MSA	100.0	13.1	13.1	2.8	10.8	13.6	19.9	9.1	5.7	5.7	5.1
Oakland PMSA	100.0	18.9	18.1	1.6	8.7	17.3	19.7	5.5	1.6	3.1	3.9
Oklahoma City MSA	100.0	11.7	18.3	3.3	8.3	11.7	21.7	3.3	10.0	1.7	10.0
Orange County PMSA	100.0	10.3	17.2	6.9	20.7	20.7	20.7	3.4	(³)	(³)	3.4
Philadelphia PMSA	100.0	8.2	13.8	3.5	12.9	18.8	24.0	5.9	4.1	4.1	4.7
Phoenix-Mesa MSA	100.0	11.1	11.1	1.9	13.0	24.1	16.7	7.4	11.1	3.7	(³)
Pittsburgh MSA	100.0	5.6	11.1	1.9	11.1	18.5	25.9	14.8	3.7	3.7	1.9
Portland-Vancouver PMSA	100.0	19.4	6.5	(³)	12.9	25.8	16.1	3.2	6.5	3.2	3.2
Providence-Fall River-Warwick MSA ..	100.0	4.8	14.3	4.8	9.5	14.3	28.6	14.3	9.5	(³)	4.8
Riverside-San Bernardino PMSA	100.0	15.2	17.0	.9	10.7	20.5	10.7	9.8	1.8	8.0	6.3
Rochester MSA	100.0	5.7	11.3	1.9	11.3	11.3	34.0	5.7	9.4	3.8	3.8

See footnotes at end of table.

Table 24. Selected metropolitan areas and cities: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and area	Total employed ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
Black—Continued											
Metropolitan areas:—Continued											
Sacramento-Yolo CMSA	100.0	10.3	12.8	5.1	(³)	35.9	17.9	7.7	2.6	2.6	(³)
St. Louis MSA ²	100.0	13.3	16.1	2.2	11.1	17.8	19.4	2.2	6.1	7.2	5.0
Salt Lake City-Ogden MSA	100.0	33.3	(³)	(³)	(³)	16.7	33.3	(³)	(³)	(³)	(³)
San Antonio MSA	100.0	3.8	15.4	7.7	21.2	13.5	23.1	1.9	5.8	1.9	5.8
San Diego MSA	100.0	3.2	8.1	3.2	8.1	30.6	17.7	11.3	1.6	6.5	6.5
San Francisco PMSA	100.0	25.0	15.4	1.9	11.5	17.3	15.4	7.7	(³)	3.8	(³)
San Jose PMSA	100.0	13.0	39.1	(³)	(³)	17.4	21.7	4.3	(³)	8.7	(³)
Seattle-Bellevue-Everett PMSA	100.0	16.3	16.3	(³)	10.2	14.3	16.3	8.2	4.1	8.2	2.0
Tampa-St. Petersburg-Clearwater MSA	100.0	6.1	8.7	4.3	10.4	14.8	23.5	13.9	9.6	3.5	5.2
Washington D.C. PMSA	100.0	16.6	12.0	3.8	10.1	22.5	17.2	5.7	1.7	7.3	2.8
Cities:											
Baltimore central city	100.0	12.8	8.6	4.3	5.9	19.8	25.1	8.0	4.3	4.3	6.4
Chicago central city	100.0	7.3	13.0	1.6	11.7	22.0	19.2	5.4	6.0	7.0	6.2
Cleveland central city	100.0	5.1	7.7	1.3	11.5	10.3	37.2	9.0	6.4	6.4	2.6
Dallas central city	100.0	11.2	13.8	2.0	10.5	22.4	16.4	6.6	5.9	5.3	3.9
Detroit central city	100.0	8.6	9.7	3.9	10.8	15.4	21.9	6.8	11.8	5.7	4.7
District of Columbia	100.0	14.1	14.8	3.0	9.6	19.3	23.7	4.4	2.2	5.2	3.7
Houston central city	100.0	6.6	10.5	2.2	13.2	18.0	25.4	7.5	2.2	7.5	4.8
Indianapolis central city	100.0	14.7	10.7	2.7	9.3	26.7	21.3	1.3	4.0	2.7	8.0
Los Angeles central city	100.0	15.3	16.8	3.2	7.4	23.7	16.3	6.8	2.6	4.2	3.2
Milwaukee central city	100.0	13.7	9.6	1.4	12.3	19.2	19.2	6.8	5.5	1.4	6.8
New York central city	100.0	10.0	12.5	3.9	9.4	17.0	28.0	7.7	3.1	4.9	3.1
Philadelphia central city	100.0	7.6	13.7	3.8	12.3	19.0	25.1	7.1	2.8	4.3	3.8
Phoenix central city	100.0	6.7	3.3	3.3	13.3	20.0	20.0	13.3	10.0	6.7	(³)
St. Louis central city	100.0	18.3	18.3	(³)	9.9	14.1	15.5	1.4	7.0	4.2	9.9
San Antonio central city	100.0	5.3	15.8	7.9	21.1	7.9	21.1	2.6	7.9	2.6	7.9
San Diego central city	100.0	4.7	7.0	4.7	9.3	25.6	23.3	9.3	(³)	7.0	7.0
San Francisco central city	100.0	31.7	14.6	2.4	7.3	17.1	19.5	7.3	(³)	4.9	(³)
Hispanic origin											
Metropolitan areas:											
Atlanta MSA	100.0	10.9	12.7	(³)	10.9	7.3	9.1	25.5	7.3	7.3	5.5
Baltimore PMSA	100.0	8.7	47.8	(³)	8.7	17.4	8.7	(³)	(³)	(³)	(³)
Bergen-Passaic PMSA	100.0	7.8	5.2	1.3	5.2	16.9	14.3	9.1	22.1	7.8	6.5
Boston PMSA	100.0	5.1	7.7	1.3	7.7	9.0	43.6	6.4	10.3	2.6	6.4
Charlotte-Gastonia-Rock Hill MSA	100.0	8.3	8.3	8.3	(³)	(³)	8.3	25.0	25.0	(³)	16.7
Chicago PMSA	100.0	7.3	4.6	2.1	7.3	12.1	16.3	13.4	18.2	5.6	9.4
Cleveland-Lorain-Elyria PMSA	100.0	7.4	3.7	3.7	3.7	14.8	25.9	18.5	3.7	7.4	11.1
Dallas-Fort Worth CMSA	100.0	7.8	4.4	2.4	8.6	9.1	20.8	19.7	11.8	4.0	9.3
Denver-Boulder-Greeley CMSA	100.0	8.6	9.9	2.5	13.0	17.3	14.8	16.0	4.3	5.6	6.8
Detroit PMSA	100.0	10.6	6.1	1.5	4.5	12.1	30.3	10.6	6.1	4.5	7.6
Fort Lauderdale PMSA	100.0	11.5	12.2	4.6	11.5	14.5	19.1	13.7	4.6	3.8	2.3
Hartford MSA	100.0	7.7	5.8	3.8	13.5	11.5	15.4	17.3	13.5	1.9	5.8
Houston PMSA	100.0	6.3	6.7	2.5	8.5	12.1	16.2	21.6	11.7	5.8	6.5
Indianapolis MSA	100.0	9.1	18.2	(³)	(³)	(³)	36.4	27.3	9.1	(³)	(³)
Kansas City MSA	100.0	10.5	5.3	2.6	21.1	10.5	15.8	13.2	10.5	5.3	7.9
Los Angeles-Long Beach PMSA	100.0	7.0	4.8	1.6	9.0	12.6	20.6	13.1	14.3	6.0	7.5
Miami PMSA	100.0	12.5	9.7	4.5	13.9	16.4	15.2	9.9	3.8	5.9	5.9
Milwaukee-Waukesha PMSA	100.0	8.7	(³)	(³)	(³)	13.0	8.7	17.4	26.1	4.3	21.7
Minneapolis-St. Paul MSA	100.0	8.5	8.5	(³)	4.3	6.4	48.9	8.5	8.5	4.3	2.1
Nassau-Suffolk PMSA	100.0	9.8	4.5	2.7	4.5	13.4	17.9	17.0	17.0	4.5	7.1
New Orleans MSA	100.0	21.2	9.1	(³)	15.2	12.1	15.2	12.1	3.0	9.1	3.0
New York PMSA	100.0	9.9	6.3	1.8	10.6	14.8	26.8	8.0	7.8	5.9	7.5

See footnotes at end of table.

Table 24. Selected metropolitan areas and cities: Percent distribution of employed persons by sex, race, Hispanic origin, and occupation, 1998 annual averages — Continued

Population group and area	Total employed ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
Hispanic origin—Continued											
Metropolitan areas:—Continued											
Newark PMSA	100.0	6.9	5.9	3.0	14.9	18.8	15.8	9.9	12.9	5.9	5.0
Norfolk-Virginia Beach-Newport News MSA	100.0	8.0	16.0	4.0	20.0	28.0	4.0	8.0	(³)	4.0	4.0
Oakland PMSA	100.0	9.8	9.8	3.3	15.2	16.3	13.0	16.3	2.2	2.2	6.5
Oklahoma City MSA	100.0	7.1	10.7	3.6	7.1	10.7	28.6	7.1	10.7	(³)	14.3
Orange County PMSA	100.0	5.4	6.9	2.4	6.6	9.6	20.7	16.2	15.6	4.8	6.6
Philadelphia PMSA	100.0	5.4	9.5	1.4	12.2	10.8	23.0	10.8	10.8	2.7	8.1
Phoenix-Mesa MSA	100.0	7.5	4.7	2.4	7.1	10.5	20.3	17.3	8.8	4.1	6.8
Pittsburgh MSA	100.0	20.0	20.0	(³)	10.0	20.0	20.0	10.0	(³)	(³)	(³)
Portland-Vancouver PMSA	100.0	5.5	3.6	1.8	5.5	10.9	23.6	5.5	16.4	3.6	5.5
Providence-Fall River-Warwick MSA	100.0	3.4	6.9	(³)	6.9	13.8	13.8	13.8	27.6	3.4	6.9
Riverside-San Bernardino PMSA	100.0	5.6	5.9	1.2	10.4	13.1	15.7	17.2	11.0	7.1	5.9
Rochester MSA	100.0	7.7	(³)	(³)	7.7	7.7	15.4	15.4	15.4	7.7	15.4
Sacramento-Yolo CMSA	100.0	11.7	10.6	7.4	8.5	11.7	19.1	9.6	10.6	2.1	5.3
Salt Lake City-Ogden MSA	100.0	8.5	6.4	4.3	8.5	8.5	14.9	25.5	10.6	4.3	8.5
San Antonio MSA	100.0	7.1	7.4	2.2	11.2	18.0	22.1	15.3	4.6	4.9	5.5
San Diego MSA	100.0	9.8	6.8	(³)	12.0	12.0	24.8	11.3	6.0	2.6	7.1
San Francisco PMSA	100.0	9.5	8.1	1.4	10.8	16.9	20.3	14.9	7.4	4.1	6.1
San Jose PMSA	100.0	8.0	6.0	4.0	5.5	15.5	16.5	12.5	12.0	4.5	10.0
Seattle-Bellevue-Everett PMSA	100.0	10.9	6.5	2.2	6.5	8.7	30.4	19.6	4.3	(³)	8.7
Tampa-St. Petersburg-Clearwater MSA	100.0	6.6	4.9	1.6	12.3	13.9	22.1	13.9	6.6	.8	5.7
Washington D.C. PMSA	100.0	9.7	7.4	2.8	5.1	6.8	33.5	18.2	4.0	1.7	6.3
Cities:											
Chicago central city	100.0	6.3	4.2	2.9	6.3	12.9	15.8	13.8	17.5	5.8	12.5
Cleveland central city	100.0	(³)	(³)	(³)	8.3	8.3	41.7	8.3	8.3	8.3	16.7
Dallas central city	100.0	3.6	4.2	2.4	10.9	7.9	22.4	18.8	13.3	3.0	10.9
Detroit central city	100.0	7.7	(³)	(³)	(³)	7.7	23.1	7.7	7.7	7.7	30.8
District of Columbia	100.0	12.5	12.5	6.3	6.3	6.3	37.5	6.3	(³)	6.3	6.3
Houston central city	100.0	5.8	5.0	2.5	9.1	11.6	17.4	20.3	12.0	6.2	8.7
Los Angeles central city	100.0	5.3	3.9	1.2	7.5	11.2	22.8	14.3	14.9	5.6	8.3
Milwaukee central city	100.0	7.1	(³)	(³)	(³)	7.1	14.3	21.4	35.7	(³)	14.3
New York central city	100.0	10.0	6.1	1.8	10.6	15.0	26.5	7.8	8.0	6.1	7.9
Philadelphia central city	100.0	4.8	9.5	(³)	14.3	19.0	9.5	19.0	19.0	(³)	4.8
Phoenix central city	100.0	6.7	2.2	1.7	6.1	12.3	20.7	19.6	11.7	5.0	6.7
San Antonio central city	100.0	6.9	6.9	2.8	12.1	17.0	23.2	14.9	3.8	5.9	4.5
San Diego central city	100.0	10.6	8.3	(³)	13.6	12.1	23.5	12.1	3.8	4.5	7.6
San Francisco central city	100.0	16.2	6.8	2.7	5.4	23.0	17.6	8.1	6.8	6.8	5.4

¹ Includes farming, forestry, and fishing not shown separately.

² Data do not reflect the official U.S. Office of Management and Budget definition. See appendix C.

³ Less than 500 persons employed or less than 0.05 percent of total employed.

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

Table 25. Selected metropolitan areas and cities: Unemployment rates by occupation, 1998 annual averages

Area	Total ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
Metropolitan areas:											
Atlanta MSA	3.0	1.9	1.6	(²)	3.6	2.3	5.8	2.3	3.7	(²)	(²)
Baltimore PMSA	5.1	.3	2.9	2.4	5.0	5.5	10.3	2.8	(²)	(²)	(²)
Bergen-Passaic PMSA	3.5	.3	3.1	(²)	3.5	5.0	5.3	2.7	(²)	(²)	(²)
Boston PMSA	3.0	1.3	1.9	1.5	3.3	2.9	3.8	2.9	(²)	(²)	(²)
Buffalo-Niagara Falls MSA	3.4	.7	1.4	(²)	4.3	3.1	4.5	(²)	(²)	(²)	(²)
Charlotte-Gastonia-Rock Hill MSA ...	3.4	2.0	2.2	(²)	2.9	4.3	7.3	2.7	3.9	(²)	(²)
Chicago PMSA	4.3	2.1	1.7	1.2	5.5	3.7	7.1	3.7	6.6	3.8	12.3
Cincinnati PMSA	3.4	2.8	1.0	(²)	5.1	2.0	6.4	2.8	(²)	(²)	(²)
Cleveland-Lorain-Elyria PMSA	2.8	.3	1.0	(²)	1.6	2.5	3.9	4.3	(²)	(²)	(²)
Columbus, Ohio MSA	3.5	1.9	1.3	(²)	3.1	2.7	5.0	3.3	(²)	(²)	(²)
Dallas-Fort Worth CMSA	3.8	1.8	2.1	1.0	4.7	4.4	6.9	2.0	5.4	5.4	6.7
Dayton-Springfield MSA	4.9	1.6	1.7	(²)	2.7	5.1	8.1	7.9	6.5	(²)	(²)
Denver-Boulder-Greeley CMSA	3.1	1.5	2.3	(²)	2.9	3.8	7.9	2.2	(²)	(²)	(²)
Detroit PMSA	3.7	1.4	1.0	1.9	3.5	2.4	5.6	4.1	6.5	5.6	8.8
Fort Lauderdale PMSA	4.0	1.7	1.7	(²)	6.4	3.5	4.8	3.1	(²)	(²)	(²)
Hartford MSA	2.5	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)
Houston PMSA	3.9	2.5	1.9	1.8	4.1	4.4	5.7	3.8	4.1	4.7	9.6
Indianapolis MSA	3.0	.9	(²)	(²)	4.3	2.7	6.4	(²)	(²)	(²)	(²)
Kansas City MSA	3.1	2.2	1.7	(²)	2.6	2.4	4.5	3.6	(²)	(²)	(²)
Los Angeles-Long Beach PMSA	5.8	2.5	3.9	3.0	6.7	5.4	7.3	6.2	8.9	3.9	12.5
Louisville MSA	3.6	1.1	2.0	(²)	4.3	2.4	5.6	6.7	(²)	(²)	(²)
Memphis MSA	3.9	2.4	2.6	(²)	2.7	4.3	5.5	(²)	(²)	(²)	(²)
Miami PMSA	5.8	2.6	2.1	4.0	7.8	5.0	8.7	5.2	9.9	4.7	11.1
Milwaukee-Waukesha PMSA	3.1	.7	1.5	(²)	5.4	1.8	4.2	1.6	(²)	(²)	(²)
Minneapolis-St. Paul MSA	2.0	.6	1.3	(²)	2.7	1.8	3.7	1.1	(²)	(²)	(²)
Nassau-Suffolk PMSA	2.5	1.8	.9	(²)	1.6	2.6	3.6	2.9	(²)	(²)	(²)
New Orleans MSA	4.4	2.3	1.8	(²)	4.7	2.0	7.5	7.4	(²)	(²)	(²)
New York PMSA	6.8	2.5	3.1	3.4	8.7	8.7	9.1	7.6	9.7	4.9	12.7
Newark PMSA	4.3	1.1	2.4	(²)	4.6	4.8	6.4	4.5	3.7	6.0	11.1
Norfolk-Virginia Beach-Newport News MSA	4.0	2.0	1.6	(²)	7.3	5.2	7.9	2.7	(²)	(²)	(²)
Oakland PMSA	4.0	1.2	1.5	(²)	4.1	5.0	6.0	7.5	(²)	(²)	(²)
Oklahoma City MSA	3.8	2.3	1.8	(²)	3.6	3.9	8.1	4.3	(²)	(²)	(²)
Orange County PMSA	3.3	1.9	1.6	(²)	3.1	2.9	5.7	3.3	5.5	(²)	(²)
Philadelphia PMSA	4.4	2.3	1.7	2.1	2.9	4.2	8.2	6.0	7.6	6.6	11.1
Phoenix-Mesa MSA	3.3	1.7	1.7	(²)	3.7	3.8	3.9	3.6	3.9	(²)	(²)
Pittsburgh MSA	3.8	1.9	2.1	(²)	3.7	3.2	4.7	4.8	(²)	7.4	(²)
Portland-Vancouver PMSA	4.6	3.7	2.8	(²)	5.0	5.2	5.6	3.7	7.4	(²)	8.4
Providence-Fall River-Warwick MSA	4.7	3.1	1.4	3.0	4.8	3.8	6.3	2.7	8.7	15.8	6.1
Riverside-San Bernardino PMSA	6.6	3.4	1.9	(²)	7.8	4.9	9.9	6.7	13.6	6.0	10.4
Rochester MSA	4.4	3.2	1.8	(²)	4.5	2.8	6.8	9.4	1.0	(²)	(²)
Sacramento-Yolo CMSA	5.6	1.1	1.6	(²)	7.5	2.9	9.6	5.7	(²)	(²)	(²)
St. Louis MSA ³	4.3	1.5	1.8	(²)	5.2	2.3	7.6	5.4	8.2	1.8	(²)
Salt Lake City-Ogden MSA	3.7	2.4	2.6	3.2	3.7	2.6	6.0	2.7	6.0	2.6	9.0
San Antonio MSA	5.1	1.0	1.8	(²)	7.7	7.4	6.7	4.8	(²)	(²)	(²)
San Diego MSA	5.1	3.2	2.4	(²)	7.6	5.2	4.7	6.9	(²)	(²)	10.9
San Francisco PMSA	3.3	.9	2.3	(²)	3.3	3.7	7.1	2.6	(²)	(²)	(²)
San Jose PMSA	3.5	1.9	1.6	(²)	5.8	3.4	3.8	4.1	(²)	(²)	(²)
Seattle-Bellevue-Everett PMSA	3.5	.6	2.2	(²)	4.9	3.8	4.7	4.1	(²)	(²)	(²)
Tampa-St. Petersburg-Clearwater MSA	4.6	1.9	1.8	5.6	2.6	3.3	5.8	5.9	8.2	(²)	8.5
Washington D.C. PMSA	3.3	1.5	1.7	3.0	5.0	4.1	5.3	3.9	(²)	(²)	(²)
Cities:											
Baltimore central city	11.6	(²)	7.1	(²)	10.1	8.3	17.2	4.2	(²)	(²)	33.2
Chicago central city	6.7	2.8	3.0	2.4	8.1	4.8	9.3	4.7	13.3	5.5	15.8
Cleveland central city	5.8	(²)	(²)	(²)	(²)	(²)	6.4	(²)	(²)	(²)	(²)
Dallas central city	3.9	3.0	.5	(²)	7.6	5.6	6.7	1.7	(²)	(²)	(²)
Detroit central city	7.2	3.5	2.0	(²)	7.4	5.8	9.0	8.5	6.8	(²)	13.7
District of Columbia	8.3	3.8	3.6	6.6	11.9	9.4	13.1	16.1	(²)	9.9	21.8
Houston central city	5.7	4.5	3.6	(²)	5.4	4.8	8.4	6.4	4.8	7.7	11.2
Indianapolis central city	3.9	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)

See footnotes at end of table.

Table 25. Selected metropolitan areas and cities: Unemployment rates by occupation, 1998 annual averages — Continued

Area	Total ¹	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations	Precision production, craft, and repair	Operators, fabricators, and laborers		
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical			Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers
Cities:—Continued											
Los Angeles central city	6.7	2.0	6.2	1.6	9.1	5.1	7.5	7.1	10.2	2.0	16.3
Milwaukee central city	6.4	(²)	2.5	(²)	(²)	1.4	5.8	(²)	(²)	(²)	(²)
New York central city	7.3	2.7	3.3	2.9	9.3	9.7	9.3	7.9	9.9	5.2	13.2
Philadelphia central city	7.3	3.1	3.0	(²)	6.1	5.9	12.2	7.7	11.2	13.9	11.5
Phoenix central city	4.2	2.3	1.8	(²)	6.6	5.8	3.8	4.6	5.6	(²)	(²)
St. Louis central city	8.1	4.6	4.7	(²)	(²)	7.7	(²)	(²)	(²)	(²)	(²)
San Antonio central city	5.4	1.1	1.3	(²)	9.8	9.1	5.7	5.2	(²)	(²)	(²)
San Diego central city	4.5	5.1	2.6	(²)	6.4	4.2	4.1	(²)	(²)	(²)	(²)
San Francisco central city	3.6	.6	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)

¹ Excludes persons with no previous work experience. Includes farming, forestry, and fishing, not shown separately.

² Data are not shown when the labor force base does not meet BLS publication standards of reliability for the particular area, based on the sample

in that area. See appendix B.

³ Data do not reflect the official U.S. Office of Management and Budget definition. See appendix C.

Table 26. Selected metropolitan areas and cities: Percent distribution of employed persons in nonagricultural industries by sex, race, and Hispanic origin, 1998 annual averages

Population group and area	Total employed ¹	Private nonagricultural wage and salary workers									Government
		Total ²	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate	Services ³	
				Total	Durable goods	Non-durable goods					
TOTAL											
Metropolitan areas:											
Atlanta MSA	100.0	81.9	6.5	13.0	7.4	5.6	9.8	21.1	6.5	24.9	12.1
Baltimore PMSA	100.0	71.3	5.4	8.7	5.4	3.3	4.6	17.6	7.5	27.5	22.8
Bergen-Passaic PMSA	100.0	84.1	4.5	17.4	6.3	10.9	6.8	19.7	9.9	25.7	10.9
Boston PMSA	100.0	81.6	4.1	12.6	8.2	4.3	4.9	18.1	8.1	33.8	10.6
Buffalo-Niagara Falls MSA	100.0	76.9	2.5	16.9	11.1	5.8	5.1	21.6	5.3	25.3	17.5
Charlotte-Gastonia-Rock Hill MSA	100.0	84.5	4.9	20.5	7.4	13.1	7.6	19.9	7.1	24.3	10.8
Chicago PMSA	100.0	84.0	4.7	17.7	10.1	7.6	7.2	18.5	8.1	27.8	11.1
Cincinnati PMSA	100.0	85.7	4.7	21.2	10.9	10.2	7.2	19.8	4.9	27.8	9.3
Cleveland-Lorain-Elyria PMSA	100.0	84.4	4.7	19.2	13.9	5.3	4.2	20.4	6.7	29.1	11.0
Columbus, Ohio MSA	100.0	76.6	4.3	12.4	7.7	4.7	5.3	21.6	9.1	23.9	16.8
Dallas-Fort Worth CMSA	100.0	84.4	5.4	16.0	10.6	5.4	9.1	21.1	7.5	25.0	9.2
Dayton-Springfield MSA	100.0	80.0	4.5	22.9	15.8	7.1	4.5	20.0	3.1	24.9	13.1
Denver-Boulder-Greeley CMSA	100.0	76.9	6.4	10.1	6.0	4.2	6.1	18.7	7.5	27.4	15.1
Detroit PMSA	100.0	86.4	4.9	23.0	19.3	3.6	4.7	21.0	5.7	27.1	9.6
Fort Lauderdale PMSA	100.0	83.7	6.4	8.3	6.2	2.2	7.2	22.4	9.3	30.0	11.5
Hartford MSA	100.0	85.8	5.1	20.0	15.6	4.4	5.3	17.1	11.3	26.9	10.4
Houston PMSA	100.0	82.3	8.2	13.2	7.2	6.0	6.9	20.4	5.9	24.1	10.8
Indianapolis MSA	100.0	84.8	3.8	14.9	9.5	5.3	4.9	21.6	8.4	31.1	9.4
Kansas City MSA	100.0	80.6	5.2	12.8	7.0	6.0	7.8	20.1	7.6	27.0	13.7
Los Angeles-Long Beach PMSA	100.0	78.3	4.3	17.9	10.0	7.8	5.6	18.7	5.1	26.6	12.0
Louisville MSA	100.0	82.6	6.8	16.7	9.7	7.0	8.4	16.9	6.8	26.6	12.7
Memphis MSA	100.0	81.0	4.7	9.0	3.9	5.1	12.4	18.4	7.9	28.6	13.3
Miami PMSA	100.0	83.5	5.3	8.2	3.5	4.7	12.2	22.3	7.9	27.3	11.1
Milwaukee-Waukesha PMSA	100.0	84.5	5.0	23.5	17.0	6.4	4.1	18.9	7.0	25.7	11.0
Minneapolis-St. Paul MSA	100.0	81.7	3.3	17.0	10.8	6.2	5.7	21.1	8.1	26.4	12.7
Nassau-Suffolk PMSA	100.0	77.8	5.5	9.7	4.8	4.9	8.7	19.2	8.8	25.8	17.5
New Orleans MSA	100.0	77.5	4.9	9.8	4.1	5.6	5.7	23.5	4.1	26.7	14.9
New York PMSA	100.0	78.1	3.6	8.8	2.7	6.1	6.0	18.0	10.8	30.8	15.7
Newark PMSA	100.0	80.2	3.7	12.6	5.7	7.0	7.7	18.5	8.3	29.1	13.8
Norfolk-Virginia Beach-Newport News MSA ..	100.0	73.1	5.7	13.1	9.2	4.0	5.0	18.8	6.6	23.7	21.6
Oakland PMSA	100.0	72.8	4.4	11.2	7.1	4.1	7.7	17.7	7.7	23.9	16.3
Oklahoma City MSA	100.0	71.9	4.4	10.4	7.4	3.0	5.1	20.7	4.7	25.0	21.1
Orange County PMSA	100.0	79.5	3.4	18.8	12.6	6.2	4.1	20.0	7.3	25.5	10.3
Philadelphia PMSA	100.0	81.7	3.7	13.7	6.7	7.0	5.2	18.3	8.3	32.4	11.7
Phoenix-Mesa MSA	100.0	82.7	8.4	14.3	10.4	3.9	5.7	20.6	8.2	25.5	11.1
Pittsburgh MSA	100.0	82.9	3.9	11.6	8.2	3.4	7.3	23.2	6.4	30.2	9.7
Portland-Vancouver PMSA	100.0	79.2	5.5	17.5	12.4	5.1	5.8	20.2	6.2	23.8	11.7
Providence-Fall River-Warwick MSA	100.0	83.7	4.4	21.5	13.3	8.1	3.1	21.9	7.0	25.7	11.1
Riverside-San Bernardino PMSA	100.0	77.0	6.6	12.4	8.8	3.6	7.8	20.4	5.5	24.3	15.1
Rochester MSA	100.0	81.4	3.2	24.4	17.1	7.1	3.2	22.2	4.1	24.1	14.5
Sacramento-Yolo CMSA	100.0	68.4	3.7	7.6	5.5	2.1	5.3	19.6	6.4	25.9	21.6
St. Louis MSA ⁴	100.0	83.6	6.0	14.0	8.2	5.8	6.0	20.8	6.8	29.7	10.8
Salt Lake City-Ogden MSA	100.0	79.5	6.4	12.6	9.0	3.6	6.1	22.0	7.5	24.2	14.9
San Antonio MSA	100.0	75.6	6.5	8.1	5.0	3.1	7.2	21.2	5.0	27.1	17.8
San Diego MSA	100.0	74.7	4.9	13.7	10.3	3.5	4.0	20.3	5.7	26.1	14.9
San Francisco PMSA	100.0	76.9	4.6	10.5	3.9	6.7	5.0	19.3	6.6	30.8	10.0
San Jose PMSA	100.0	82.5	3.2	31.0	28.1	2.9	4.0	13.1	3.5	27.8	9.2
Seattle-Bellevue-Everett PMSA	100.0	80.7	5.7	18.7	14.5	4.2	5.1	19.5	6.1	25.6	12.0
Tampa-St. Petersburg-Clearwater MSA	100.0	82.5	7.0	9.9	6.2	3.6	5.7	26.1	7.7	25.9	12.5
Washington D.C. PMSA	100.0	69.7	5.6	4.7	2.4	2.3	5.4	14.7	6.8	32.5	23.8
Cities:											
Baltimore central city	100.0	71.4	4.3	5.1	1.8	3.3	2.5	21.0	7.2	30.8	23.9
Chicago central city	100.0	80.8	3.2	15.2	8.6	6.6	5.6	17.6	7.8	31.3	14.2
Cleveland central city	100.0	87.0	4.5	16.4	12.4	4.5	4.5	24.9	6.8	29.4	9.0
Dallas central city	100.0	83.0	6.4	15.2	8.9	6.3	5.6	20.6	9.4	25.4	9.9
Detroit central city	100.0	79.9	3.9	18.3	15.0	3.3	5.7	19.5	5.1	27.3	16.8

See footnotes at end of table.

Table 26. Selected metropolitan areas and cities: Percent distribution of employed persons in nonagricultural industries by sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and area	Total employed ¹	Private nonagricultural wage and salary workers									Government
		Total ²	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate	Services ³	
				Total	Durable goods	Non-durable goods					
TOTAL—Continued											
Cities:—Continued											
District of Columbia	100.0	66.4	2.5	2.5	.4	2.5	4.9	11.5	4.5	40.6	26.4
Houston central city	100.0	84.4	7.8	12.0	6.6	5.4	7.4	21.5	4.5	28.9	7.8
Indianapolis central city	100.0	83.7	3.5	10.9	5.4	5.4	3.8	25.3	8.2	31.6	11.7
Los Angeles central city	100.0	79.9	5.3	16.3	7.8	8.5	5.1	19.5	5.0	28.6	8.7
Milwaukee central city	100.0	77.3	2.5	18.1	13.0	5.0	5.5	16.4	6.7	28.2	19.7
New York central city	100.0	78.5	3.6	8.7	2.5	6.2	6.3	18.2	10.9	30.7	15.7
Philadelphia central city	100.0	80.0	3.6	8.3	3.1	5.2	6.2	17.3	7.3	37.5	14.9
Phoenix central city	100.0	84.6	10.0	13.6	9.6	4.1	5.8	21.4	7.0	26.6	10.4
St. Louis central city	100.0	81.3	4.1	12.9	6.4	6.4	8.2	17.0	7.6	31.6	15.8
San Antonio central city	100.0	76.9	7.3	8.2	4.4	3.8	6.7	22.4	5.7	26.6	17.2
San Diego central city	100.0	76.8	3.1	12.8	9.8	3.1	3.8	21.1	6.9	29.1	14.4
San Francisco central city	100.0	79.9	4.0	11.1	1.7	9.4	5.2	21.1	6.1	32.0	9.4
Men											
Metropolitan areas:											
Atlanta MSA	100.0	85.3	11.5	15.6	9.7	6.0	11.6	22.5	5.3	18.8	8.3
Baltimore PMSA	100.0	74.0	9.6	12.4	8.0	4.3	6.5	18.7	6.8	20.0	19.8
Bergen-Passaic PMSA	100.0	84.9	7.7	19.9	8.3	11.7	9.1	21.9	10.3	16.0	10.0
Boston PMSA	100.0	81.7	7.2	16.1	10.8	5.3	6.1	18.3	7.1	26.8	9.3
Buffalo-Niagara Falls MSA	100.0	76.4	3.9	23.9	16.4	7.5	7.1	19.6	4.6	17.1	17.5
Charlotte-Gastonia-Rock Hill MSA	100.0	87.1	8.8	23.2	10.0	13.2	11.7	21.7	4.7	16.7	7.3
Chicago PMSA	100.0	85.4	7.7	22.0	13.6	8.3	8.9	18.6	6.9	21.3	9.2
Cincinnati PMSA	100.0	86.3	8.0	27.9	15.7	11.9	9.7	18.4	3.5	18.9	7.2
Cleveland-Lorain-Elyria PMSA	100.0	84.5	8.2	27.4	20.9	6.6	5.7	18.9	4.9	18.9	11.1
Columbus, Ohio MSA	100.0	78.1	7.4	18.2	10.8	7.4	7.4	20.7	6.2	18.2	14.8
Dallas-Fort Worth CMSA	100.0	85.3	8.5	19.6	14.0	5.6	10.9	20.9	5.7	19.3	7.7
Dayton-Springfield MSA	100.0	80.1	7.5	29.0	22.0	7.5	6.6	16.6	1.7	18.7	12.9
Denver-Boulder-Greeley CMSA	100.0	78.1	10.5	12.6	7.8	4.9	7.6	19.5	5.5	21.6	14.3
Detroit PMSA	100.0	89.3	8.0	32.1	27.7	4.3	5.8	20.5	4.2	18.8	6.5
Fort Lauderdale PMSA	100.0	84.2	10.6	10.8	8.3	2.5	9.0	25.0	7.4	21.6	9.7
Hartford MSA	100.0	85.7	8.4	26.8	20.6	6.3	6.3	19.2	8.0	16.7	10.5
Houston PMSA	100.0	84.6	12.8	18.2	10.0	8.2	8.0	19.5	3.9	17.9	7.5
Indianapolis MSA	100.0	86.1	6.7	21.4	14.4	6.7	5.7	24.0	5.9	22.7	7.2
Kansas City MSA	100.0	82.1	8.9	15.5	9.1	6.4	10.1	21.5	4.4	21.7	11.3
Los Angeles-Long Beach PMSA	100.0	80.0	7.0	20.1	12.3	7.8	6.6	20.6	3.6	22.1	9.0
Louisville MSA	100.0	83.6	11.6	21.6	13.0	8.6	11.0	16.1	4.1	18.8	11.0
Memphis MSA	100.0	84.5	8.1	12.0	5.4	6.6	19.4	20.2	5.0	19.8	9.3
Miami PMSA	100.0	84.3	9.0	7.7	3.7	3.9	14.4	23.2	6.0	23.6	8.6
Milwaukee-Waukesha PMSA	100.0	86.7	9.0	32.0	24.5	7.5	5.1	17.0	4.4	18.7	8.0
Minneapolis-St. Paul MSA	100.0	84.4	5.9	22.0	15.0	7.0	6.3	22.7	5.9	21.5	10.3
Nassau-Suffolk PMSA	100.0	78.8	9.3	11.8	6.2	5.5	11.1	19.7	7.9	18.9	15.2
New Orleans MSA	100.0	78.6	8.1	14.8	6.6	8.1	7.5	22.0	1.2	20.5	11.1
New York PMSA	100.0	78.7	5.9	8.1	3.0	5.1	7.9	21.2	10.8	24.7	13.8
Newark PMSA	100.0	81.3	6.7	16.0	8.0	8.0	10.6	18.9	6.9	22.1	11.9
Norfolk-Virginia Beach-Newport News MSA ..	100.0	76.5	9.3	19.0	14.2	4.8	5.7	19.8	4.5	18.1	18.7
Oakland PMSA	100.0	74.6	7.1	15.3	10.5	4.8	8.9	16.9	5.2	21.0	13.3
Oklahoma City MSA	100.0	72.8	8.0	14.9	11.2	4.0	7.2	21.0	2.2	17.4	19.2
Orange County PMSA	100.0	81.4	5.4	23.0	16.1	7.1	4.3	21.2	5.4	21.6	7.1
Philadelphia PMSA	100.0	80.1	6.6	17.6	9.6	8.0	6.9	19.0	6.2	23.8	11.5
Phoenix-Mesa MSA	100.0	83.8	13.3	18.4	13.4	5.0	6.6	19.3	6.6	19.4	9.4
Pittsburgh MSA	100.0	82.5	6.7	15.8	11.9	4.0	10.5	21.5	4.3	22.9	8.9
Portland-Vancouver PMSA	100.0	80.4	8.7	22.9	17.2	5.7	7.4	18.7	3.9	18.3	10.0
Providence-Fall River-Warwick MSA	100.0	82.8	7.9	26.5	16.8	9.7	4.7	20.8	5.0	18.3	10.8
Riverside-San Bernardino PMSA	100.0	78.1	10.1	16.3	11.5	4.8	10.9	19.8	3.3	17.8	12.7
Rochester MSA	100.0	82.9	5.5	31.3	22.9	8.7	5.5	20.4	2.5	17.1	12.4

See footnotes at end of table.

Table 26. Selected metropolitan areas and cities: Percent distribution of employed persons in nonagricultural industries by sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and area	Total employed ¹	Private nonagricultural wage and salary workers									Government
		Total ²	Construc-tion	Manufacturing			Trans- porta- tion, com- muni- ca-tions, and pub- lic utilities	Trade	Finance, insurance, and real estate	Services ³	
				Total	Durable goods	Non- durable goods					
Men—Continued											
Metropolitan areas:—Continued											
Sacramento-Yolo CMSA	100.0	70.7	6.8	9.3	6.8	2.8	6.5	20.1	5.0	23.1	19.0
St. Louis MSA ⁴	100.0	83.6	10.3	19.0	11.7	7.4	8.7	19.3	4.8	21.2	10.0
Salt Lake City-Ogden MSA	100.0	82.5	10.7	16.4	12.0	4.1	6.8	21.6	6.8	19.7	12.0
San Antonio MSA	100.0	75.5	10.1	10.4	6.9	3.5	8.8	21.3	2.7	21.3	16.8
San Diego MSA	100.0	75.1	8.3	15.8	12.4	3.6	4.2	20.1	5.5	21.0	12.7
San Francisco PMSA	100.0	76.5	7.6	10.2	4.6	5.7	5.9	18.7	6.5	27.4	7.4
San Jose PMSA	100.0	86.2	5.4	36.8	33.9	2.9	5.0	14.5	3.3	21.1	5.4
Seattle-Bellevue-Everett PMSA	100.0	83.7	9.3	24.7	19.2	5.6	6.2	18.6	5.3	19.3	9.9
Tampa-St. Petersburg-Clearwater MSA	100.0	84.0	12.1	12.9	7.9	5.0	7.2	26.5	3.9	21.1	10.7
Washington D.C. PMSA	100.0	72.2	9.0	6.2	3.3	2.9	6.8	16.5	5.7	28.0	20.9
Cities:											
Baltimore central city	100.0	73.1	8.3	6.9	2.8	4.1	4.1	22.1	6.2	24.8	20.7
Chicago central city	100.0	80.7	5.5	19.3	12.9	6.3	7.4	18.0	7.1	23.5	13.7
Cleveland central city	100.0	89.2	8.4	25.3	20.5	4.8	4.8	26.5	4.8	19.3	9.6
Dallas central city	100.0	83.1	11.0	15.7	9.9	5.8	6.1	20.1	8.1	21.8	8.7
Detroit central city	100.0	81.3	8.1	26.9	23.1	3.8	9.4	18.1	2.5	16.9	15.0
District of Columbia	100.0	70.0	3.3	3.3	(⁵)	2.5	5.8	14.2	5.8	36.7	24.2
Houston central city	100.0	84.6	11.4	16.0	8.8	7.4	7.4	22.6	3.0	21.4	5.6
Indianapolis central city	100.0	83.6	7.1	14.8	8.2	6.6	3.3	29.0	5.5	24.0	9.8
Los Angeles central city	100.0	80.7	8.3	17.0	9.1	7.9	5.8	21.6	3.4	24.5	6.5
Milwaukee central city	100.0	80.7	5.3	28.9	22.8	6.1	5.3	14.9	5.3	21.1	16.7
New York central city	100.0	79.2	6.0	8.1	2.9	5.1	8.4	21.7	10.6	24.5	13.9
Philadelphia central city	100.0	76.8	7.0	10.2	3.9	6.3	8.1	17.6	4.2	29.6	16.5
Phoenix central city	100.0	85.8	16.6	16.9	12.4	4.5	6.6	19.9	5.7	19.6	8.8
St. Louis central city	100.0	80.0	6.7	13.3	5.6	7.8	11.1	17.8	4.4	26.7	18.9
San Antonio central city	100.0	75.8	11.1	10.7	6.0	4.8	8.3	21.0	3.2	21.4	17.1
San Diego central city	100.0	76.6	5.1	13.0	10.4	2.5	4.1	21.8	7.3	25.0	10.8
San Francisco central city	100.0	79.4	7.5	9.9	2.0	7.5	6.7	21.3	5.9	28.5	6.3
Women											
Metropolitan areas:											
Atlanta MSA	100.0	78.2	.9	10.2	5.0	5.3	8.0	19.5	7.9	31.7	16.2
Baltimore PMSA	100.0	68.4	.8	4.7	2.5	2.2	2.7	16.5	8.2	35.5	25.7
Bergen-Passaic PMSA	100.0	83.2	.7	14.4	4.0	10.1	4.0	17.1	9.4	37.6	12.4
Boston PMSA	100.0	81.5	.6	8.5	5.2	3.3	3.5	17.8	9.2	41.8	12.3
Buffalo-Niagara Falls MSA	100.0	77.0	1.5	9.6	5.6	4.4	3.0	23.7	5.6	33.7	17.4
Charlotte-Gastonia-Rock Hill MSA	100.0	81.8	.6	17.6	4.7	12.9	3.5	17.9	9.7	32.1	14.5
Chicago PMSA	100.0	82.3	1.1	12.6	5.9	6.7	5.2	18.5	9.4	35.5	13.4
Cincinnati PMSA	100.0	85.1	1.3	14.4	5.9	8.5	4.6	21.3	6.4	36.9	11.5
Cleveland-Lorain-Elyria PMSA	100.0	84.2	.9	10.4	6.5	3.9	2.7	21.9	8.5	39.8	11.0
Columbus, Ohio MSA	100.0	74.7	.8	5.8	4.1	1.6	3.0	22.5	12.4	29.9	19.0
Dallas-Fort Worth CMSA	100.0	83.2	1.4	11.5	6.4	5.0	6.7	21.4	9.7	32.3	11.1
Dayton-Springfield MSA	100.0	79.8	1.0	15.9	8.7	6.7	2.4	24.0	4.8	31.7	13.5
Denver-Boulder-Greeley CMSA	100.0	75.4	1.8	7.3	4.1	3.2	4.4	18.0	9.6	34.0	16.2
Detroit PMSA	100.0	82.7	1.2	11.6	8.8	2.8	3.5	21.7	7.4	37.4	13.3
Fort Lauderdale PMSA	100.0	83.1	1.8	5.5	3.4	2.1	5.2	19.5	11.4	39.7	13.5
Hartford MSA	100.0	85.9	1.5	12.5	10.3	2.3	4.2	14.8	14.8	38.0	9.9
Houston PMSA	100.0	79.2	2.0	6.3	3.4	2.9	5.4	21.6	8.7	32.6	15.4
Indianapolis MSA	100.0	83.4	.6	7.7	4.0	3.7	4.0	18.9	11.5	40.4	11.7
Kansas City MSA	100.0	78.8	1.1	9.8	4.6	5.2	5.5	18.5	11.2	33.0	16.4
Los Angeles-Long Beach PMSA	100.0	75.8	.8	14.8	6.9	7.9	4.3	16.1	7.2	32.7	16.2
Louisville MSA	100.0	81.4	1.2	11.1	5.9	5.5	5.5	17.8	10.3	35.6	14.2
Memphis MSA	100.0	78.1	1.5	6.2	2.6	3.6	6.2	17.2	10.6	37.2	17.2

See footnotes at end of table.

Table 26. Selected metropolitan areas and cities: Percent distribution of employed persons in nonagricultural industries by sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and area	Total employed ¹	Private nonagricultural wage and salary workers									Government
		Total ²	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate	Services ³	
				Total	Durable goods	Non-durable goods					
Women—Continued											
Metropolitan areas:—Continued											
Miami PMSA	100.0	82.6	.5	8.8	3.0	5.6	9.5	21.6	10.2	32.3	14.2
Milwaukee-Waukesha PMSA	100.0	82.2	.8	14.5	9.0	5.4	3.1	20.9	9.8	33.3	14.2
Minneapolis-St. Paul MSA	100.0	78.8	.4	11.4	6.2	5.2	5.1	19.4	10.6	31.8	15.5
Nassau-Suffolk PMSA	100.0	76.6	1.0	7.4	3.2	4.2	6.0	18.5	9.8	33.9	20.2
New Orleans MSA	100.0	75.8	1.0	4.4	1.7	2.7	3.7	25.2	7.4	33.6	19.1
New York PMSA	100.0	77.2	.8	9.6	2.3	7.3	3.6	14.0	10.9	38.3	17.9
Newark PMSA	100.0	79.0	.4	8.7	3.1	5.6	4.8	18.0	10.0	36.9	16.0
Norfolk-Virginia Beach-Newport News MSA ..	100.0	69.7	1.7	7.0	3.8	3.2	4.7	18.1	8.7	29.4	24.5
Oakland PMSA	100.0	70.8	1.4	6.7	3.2	3.4	6.3	18.5	10.5	27.2	19.4
Oklahoma City MSA	100.0	71.3	.4	5.6	3.6	2.0	3.2	20.7	7.6	33.5	23.1
Orange County PMSA	100.0	76.9	1.0	13.3	8.2	5.0	3.7	18.5	9.8	30.6	14.5
Philadelphia PMSA	100.0	83.3	.5	9.6	3.6	6.0	3.4	17.5	10.6	41.7	12.0
Phoenix-Mesa MSA	100.0	81.4	2.6	9.4	6.7	2.6	4.6	22.1	10.1	32.6	13.1
Pittsburgh MSA	100.0	83.5	.8	6.9	4.2	2.9	3.5	25.0	8.8	38.4	10.6
Portland-Vancouver PMSA	100.0	77.5	1.4	10.4	6.0	4.4	3.7	22.0	9.0	30.6	13.9
Providence-Fall River-Warwick MSA	100.0	84.6	.8	16.2	9.6	6.9	1.5	23.1	8.8	33.8	11.5
Riverside-San Bernardino PMSA	100.0	75.6	2.1	7.4	5.4	2.1	3.7	21.3	8.3	32.6	18.2
Rochester MSA	100.0	79.8	.8	16.7	11.3	5.8	.8	24.1	5.8	31.1	16.7
Sacramento-Yolo CMSA	100.0	65.9	.6	5.5	4.2	1.4	3.9	19.1	8.0	29.1	24.4
St. Louis MSA ⁴	100.0	83.6	1.6	8.7	4.4	4.1	3.3	22.1	9.0	39.0	11.6
Salt Lake City-Ogden MSA	100.0	75.9	1.5	8.6	5.6	3.1	5.2	22.5	8.6	29.6	18.2
San Antonio MSA	100.0	75.7	2.4	5.5	2.4	2.7	5.5	21.0	7.6	33.7	19.1
San Diego MSA	100.0	74.2	1.1	11.4	8.1	3.3	3.7	20.5	6.0	31.9	17.4
San Francisco PMSA	100.0	77.3	.9	10.9	3.1	7.9	3.9	20.1	6.8	34.7	13.3
San Jose PMSA	100.0	77.5	.3	23.3	20.2	2.8	2.3	11.5	3.8	36.6	14.1
Seattle-Bellevue-Everett PMSA	100.0	77.3	1.2	11.5	9.0	2.6	3.8	20.5	6.9	33.2	14.5
Tampa-St. Petersburg-Clearwater MSA	100.0	80.8	1.4	6.6	4.4	2.2	4.2	25.8	11.8	31.0	14.6
Washington D.C. PMSA	100.0	66.6	1.5	3.0	1.3	1.6	3.8	12.5	8.2	37.8	27.3
Cities:											
Baltimore central city	100.0	68.2	(⁵)	3.0	.8	2.3	.8	19.7	7.6	37.1	26.5
Chicago central city	100.0	80.9	.5	10.7	3.8	6.9	3.8	17.1	8.7	40.1	14.8
Cleveland central city	100.0	86.0	1.1	8.6	4.3	4.3	3.2	24.7	9.7	38.7	8.6
Dallas central city	100.0	82.8	.4	14.5	7.6	6.9	5.0	21.8	10.7	30.2	11.5
Detroit central city	100.0	78.2	(⁵)	10.3	7.5	2.9	2.3	20.7	7.5	36.8	17.8
District of Columbia	100.0	64.2	.8	1.6	(⁵)	1.6	4.1	8.9	3.3	43.9	29.3
Houston central city	100.0	83.8	2.7	6.3	3.6	2.7	7.4	19.7	6.8	39.2	10.7
Indianapolis central city	100.0	83.7	.5	7.1	2.2	4.3	3.8	21.7	11.4	39.7	13.6
Los Angeles central city	100.0	78.6	.8	15.3	5.8	9.5	3.8	16.3	7.5	34.8	12.2
Milwaukee central city	100.0	73.4	(⁵)	8.1	4.0	4.0	4.8	16.9	8.1	35.5	22.6
New York central city	100.0	77.5	.6	9.5	1.9	7.5	3.6	13.9	11.3	38.6	17.9
Philadelphia central city	100.0	83.1	.3	6.4	2.4	4.1	4.1	16.9	10.2	45.1	13.2
Phoenix central city	100.0	83.6	2.4	9.8	6.3	3.8	4.9	22.7	8.4	34.6	12.2
St. Louis central city	100.0	82.7	1.2	12.3	7.4	6.2	4.9	16.0	11.1	38.3	12.3
San Antonio central city	100.0	78.2	3.1	5.3	2.7	2.7	4.9	24.0	8.4	32.0	17.3
San Diego central city	100.0	76.9	1.0	12.5	9.2	3.7	3.1	20.3	6.8	33.6	18.0
San Francisco central city	100.0	80.4	(⁵)	12.9	1.3	11.6	4.0	21.4	6.3	36.2	13.4
White											
Metropolitan areas:											
Atlanta MSA	100.0	82.3	8.3	12.9	8.0	4.8	8.9	20.8	6.9	24.4	10.7
Baltimore PMSA	100.0	72.2	6.4	8.5	5.7	2.8	4.7	17.9	8.0	26.7	20.6
Bergen-Passaic PMSA	100.0	84.2	5.3	17.4	6.6	11.0	7.5	19.2	10.1	24.7	11.2
Boston PMSA	100.0	81.5	4.4	12.4	8.1	4.3	5.1	18.2	8.1	33.1	10.5

See footnotes at end of table.

Table 26. Selected metropolitan areas and cities: Percent distribution of employed persons in nonagricultural industries by sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and area	Total employed ¹	Private nonagricultural wage and salary workers									Government
		Total ²	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate	Services ³	
				Total	Durable goods	Non-durable goods					
White—Continued											
Metropolitan areas:—Continued											
Buffalo-Niagara Falls MSA	100.0	77.3	2.8	16.9	11.1	5.6	5.4	22.9	4.4	24.5	16.5
Charlotte-Gastonia-Rock Hill MSA	100.0	84.6	5.2	19.2	7.5	11.7	7.9	20.4	7.7	24.0	10.6
Chicago PMSA	100.0	85.2	5.5	18.5	10.6	7.9	6.7	19.1	8.4	27.2	9.3
Cincinnati PMSA	100.0	85.6	4.9	21.5	10.9	10.6	6.7	20.2	4.7	27.6	9.2
Cleveland-Lorain-Elyria PMSA	100.0	85.1	5.0	20.2	14.4	5.8	3.9	20.9	6.8	28.0	10.4
Columbus, Ohio MSA	100.0	77.5	5.0	12.6	8.1	4.5	5.4	21.7	9.0	23.9	16.4
Dallas-Fort Worth CMSA	100.0	84.9	6.1	16.0	10.8	5.2	9.2	21.4	7.4	24.2	8.5
Dayton-Springfield MSA	100.0	79.6	5.0	23.3	15.4	8.0	4.2	20.2	3.2	23.9	13.0
Denver-Boulder-Greeley CMSA	100.0	76.8	6.6	10.1	5.9	4.2	6.1	18.6	7.5	27.4	14.9
Detroit PMSA	100.0	87.7	5.6	23.2	19.5	3.7	4.9	21.9	5.7	26.3	8.2
Fort Lauderdale PMSA	100.0	83.9	6.7	8.6	6.3	2.3	6.9	21.7	9.7	30.3	10.8
Hartford MSA	100.0	85.4	5.3	20.2	16.0	4.1	5.8	17.3	11.5	25.3	10.3
Houston PMSA	100.0	83.4	9.7	14.7	8.2	6.5	6.2	18.8	6.8	23.2	9.8
Indianapolis MSA	100.0	85.4	4.4	15.7	10.0	5.8	5.1	21.2	8.1	30.9	8.2
Kansas City MSA	100.0	81.1	5.3	13.4	7.4	6.1	8.0	20.3	7.1	26.8	12.7
Los Angeles-Long Beach PMSA	100.0	80.3	5.1	19.4	11.0	8.4	5.5	19.4	4.6	26.2	10.2
Louisville MSA	100.0	82.5	7.5	16.7	9.8	7.1	8.1	17.1	6.9	25.5	12.4
Memphis MSA	100.0	80.5	6.7	8.9	4.3	4.3	10.6	19.9	8.9	25.9	10.3
Miami PMSA	100.0	84.8	5.1	8.4	3.6	4.8	13.0	22.2	8.7	27.4	9.7
Milwaukee-Waukesha PMSA	100.0	86.2	5.7	24.2	17.9	6.3	4.6	18.9	7.3	24.9	10.0
Minneapolis-St. Paul MSA	100.0	81.6	3.5	16.6	10.4	6.1	5.6	21.4	8.3	26.3	12.8
Nassau-Suffolk PMSA	100.0	77.9	5.8	9.5	4.8	4.8	8.9	19.2	9.2	25.4	17.2
New Orleans MSA	100.0	78.4	5.3	10.3	5.5	4.8	5.3	22.6	4.5	26.6	13.5
New York PMSA	100.0	78.7	4.0	9.2	3.0	6.1	5.3	19.2	11.4	29.6	13.9
Newark PMSA	100.0	80.9	4.8	13.4	5.8	7.6	7.2	19.4	8.0	28.0	11.8
Norfolk-Virginia Beach-Newport News MSA ..	100.0	76.8	6.9	14.6	10.2	4.5	6.1	19.3	7.5	22.4	18.3
Oakland PMSA	100.0	74.1	5.5	12.1	7.7	4.4	7.5	17.4	8.2	23.2	14.1
Oklahoma City MSA	100.0	72.7	5.0	9.2	6.5	2.9	5.6	21.4	5.4	24.5	19.8
Orange County PMSA	100.0	79.0	4.0	17.6	11.4	6.1	4.1	20.6	7.9	24.6	10.6
Philadelphia PMSA	100.0	82.5	4.0	14.7	7.4	7.3	5.5	18.0	8.6	31.7	10.7
Phoenix-Mesa MSA	100.0	82.8	8.9	13.9	10.3	3.7	5.5	20.3	8.3	25.7	10.7
Pittsburgh MSA	100.0	82.6	4.0	11.5	8.3	3.0	7.5	23.7	6.1	29.4	9.7
Portland-Vancouver PMSA	100.0	79.1	5.6	17.2	12.3	5.0	5.7	20.0	6.1	24.1	11.7
Providence-Fall River-Warwick MSA	100.0	83.3	4.7	21.2	13.1	8.0	3.1	22.2	6.9	25.5	11.2
Riverside-San Bernardino PMSA	100.0	79.0	7.5	13.6	9.8	3.8	8.4	21.5	5.2	22.8	13.4
Rochester MSA	100.0	82.2	3.6	24.8	17.8	7.3	3.2	21.8	4.3	24.0	13.7
Sacramento-Yolo CMSA	100.0	68.5	4.3	6.7	4.9	1.8	5.3	20.2	5.8	26.3	20.9
St. Louis MSA ⁴	100.0	85.1	6.8	14.7	8.9	5.9	5.6	21.9	6.9	28.8	8.8
Salt Lake City-Ogden MSA	100.0	78.7	6.5	12.0	8.4	3.7	6.1	21.9	7.6	24.0	15.2
San Antonio MSA	100.0	77.0	7.0	8.1	5.4	2.8	7.5	21.6	5.3	27.1	16.5
San Diego MSA	100.0	73.6	5.1	12.3	8.9	3.4	4.2	21.1	5.4	25.3	14.4
San Francisco PMSA	100.0	76.4	5.0	9.8	4.6	5.2	4.8	18.3	6.4	32.0	8.3
San Jose PMSA	100.0	80.6	4.2	26.5	23.3	3.1	4.3	13.6	4.0	28.1	9.7
Seattle-Bellevue-Everett PMSA	100.0	80.4	6.3	18.0	14.0	4.0	4.5	19.4	6.2	25.8	12.1
Tampa-St. Petersburg-Clearwater MSA	100.0	82.3	7.5	9.6	6.0	3.6	5.7	26.9	7.5	25.2	12.2
Washington D.C. PMSA	100.0	70.9	6.8	4.9	2.7	2.2	4.5	13.7	7.3	33.7	21.1
Cities:											
Baltimore central city	100.0	76.2	7.1	4.8	2.4	2.4	2.4	26.2	8.3	26.2	14.3
Chicago central city	100.0	83.4	4.3	17.4	10.4	6.9	4.6	17.4	8.4	31.3	10.0
Cleveland central city	100.0	90.6	5.2	20.8	14.6	6.3	4.2	29.2	7.3	24.0	6.3
Dallas central city	100.0	82.4	8.0	15.0	9.4	5.6	5.4	20.9	9.4	23.2	9.2
Detroit central city	100.0	85.7	14.3	10.7	7.1	3.6	12.5	30.4	3.6	16.1	12.5
District of Columbia	100.0	69.6	2.0	3.9	(⁵)	3.9	3.9	8.8	4.9	46.1	22.5
Houston central city	100.0	86.6	10.2	14.0	7.9	6.1	6.6	17.7	5.9	28.8	5.5
Indianapolis central city	100.0	85.0	4.6	12.5	6.1	6.4	3.9	25.7	7.1	31.4	9.6

See footnotes at end of table.

Table 26. Selected metropolitan areas and cities: Percent distribution of employed persons in nonagricultural industries by sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and area	Total employed ¹	Private nonagricultural wage and salary workers									Government
		Total ²	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate	Services ³	
				Total	Durable goods	Non-durable goods					
White—Continued											
Cities:—Continued											
Los Angeles central city	100.0	81.6	6.1	18.5	8.7	9.7	4.9	20.3	4.1	27.8	6.8
Milwaukee central city	100.0	80.0	3.0	18.8	13.9	4.8	7.3	15.2	7.3	28.5	18.2
New York central city	100.0	79.3	3.9	9.3	3.0	6.3	5.7	19.6	11.5	29.4	13.6
Philadelphia central city	100.0	82.0	4.4	9.6	4.1	5.5	6.4	17.7	7.6	36.6	12.8
Phoenix central city	100.0	84.1	10.8	12.8	9.2	3.6	5.6	21.4	7.2	26.1	10.3
St. Louis central city	100.0	89.9	7.9	14.6	6.7	6.7	6.7	22.5	6.7	32.6	7.9
San Antonio central city	100.0	78.7	7.9	7.9	4.9	3.0	6.7	22.9	6.0	26.9	15.7
San Diego central city	100.0	74.6	3.3	9.7	7.3	2.7	4.4	22.6	6.9	27.7	14.4
San Francisco central city	100.0	80.0	4.1	9.3	2.4	6.9	5.2	18.3	6.6	36.9	6.2
Black											
Metropolitan areas:											
Atlanta MSA	100.0	79.6	2.4	13.1	5.8	7.3	12.6	20.1	6.1	25.3	16.5
Baltimore PMSA	100.0	67.4	3.3	8.7	4.8	3.9	4.5	17.4	6.3	27.2	29.3
Bergen-Passaic PMSA	100.0	80.4	2.2	17.4	4.3	13.0	6.5	13.0	8.7	30.4	17.4
Boston PMSA	100.0	79.8	(⁵)	13.5	10.1	3.4	4.5	12.4	7.9	41.6	15.7
Buffalo-Niagara Falls MSA	100.0	72.1	(⁵)	18.6	9.3	7.0	2.3	7.0	9.3	34.9	27.9
Charlotte-Gastonia-Rock Hill MSA	100.0	84.8	4.3	21.3	6.7	14.6	7.3	19.5	6.1	26.2	12.2
Chicago PMSA	100.0	77.1	1.8	13.8	7.6	6.1	9.8	15.1	7.5	29.1	20.6
Cincinnati PMSA	100.0	86.0	3.2	16.1	8.6	7.5	11.8	17.2	8.6	30.1	10.8
Cleveland-Lorain-Elyria PMSA	100.0	79.9	2.6	14.3	11.7	2.6	7.1	14.9	5.8	34.4	14.9
Columbus, Ohio MSA	100.0	72.5	1.0	10.8	3.9	6.9	4.9	20.6	8.8	26.5	17.6
Dallas-Fort Worth CMSA	100.0	80.9	2.0	12.5	6.6	5.9	8.7	18.6	9.4	29.8	15.0
Dayton-Springfield MSA	100.0	79.7	1.6	21.9	18.8	3.1	6.3	18.8	3.1	29.7	14.1
Denver-Boulder-Greeley CMSA	100.0	76.7	4.7	7.0	4.7	2.3	7.0	20.9	9.3	27.9	20.9
Detroit PMSA	100.0	79.7	1.9	20.5	17.5	3.0	4.7	17.5	5.5	29.3	16.7
Fort Lauderdale PMSA	100.0	83.3	5.7	6.3	4.6	1.7	9.2	23.6	8.6	29.3	13.8
Hartford MSA	100.0	87.9	3.4	15.5	8.6	5.2	3.4	17.2	10.3	39.7	12.1
Houston PMSA	100.0	76.5	3.0	7.4	2.7	4.8	11.3	23.8	3.9	25.6	17.0
Indianapolis MSA	100.0	76.9	(⁵)	7.7	5.1	2.6	3.8	25.6	9.0	30.8	20.5
Kansas City MSA	100.0	75.8	4.4	8.8	4.4	4.4	7.7	17.6	8.8	28.6	23.1
Los Angeles-Long Beach PMSA	100.0	67.1	2.2	9.7	5.3	4.3	8.2	11.8	6.0	29.0	26.1
Louisville MSA	100.0	83.3	(⁵)	14.6	8.3	6.3	10.4	16.7	6.3	33.3	16.7
Memphis MSA	100.0	81.6	2.4	9.4	3.7	5.7	14.7	16.7	6.9	31.4	16.7
Miami PMSA	100.0	75.6	6.4	7.1	2.6	4.5	8.3	22.4	3.8	26.3	18.6
Milwaukee-Waukesha PMSA	100.0	69.7	(⁵)	17.1	10.5	6.6	1.3	17.1	5.3	27.6	22.4
Minneapolis-St. Paul MSA	100.0	81.7	1.7	13.3	8.3	6.7	10.0	21.7	8.3	28.3	15.0
Nassau-Suffolk PMSA	100.0	74.1	2.5	12.3	6.2	6.2	7.4	16.0	6.2	29.6	24.7
New Orleans MSA	100.0	75.2	4.7	9.3	1.4	7.5	6.5	22.9	3.7	27.6	17.8
New York PMSA	100.0	73.7	3.2	5.3	1.8	3.6	8.0	13.1	8.7	35.3	22.8
Newark PMSA	100.0	77.5	1.5	9.4	4.9	4.9	9.7	16.1	8.6	31.8	20.2
Norfolk-Virginia Beach-Newport News MSA ..	100.0	64.2	2.9	10.4	7.5	2.9	2.9	16.2	5.2	27.2	30.6
Oakland PMSA	100.0	63.2	1.6	4.8	2.4	2.4	5.6	16.0	4.8	30.4	27.2
Oklahoma City MSA	100.0	67.8	1.7	15.3	11.9	3.4	3.4	16.9	1.7	30.5	30.5
Orange County PMSA	100.0	96.6	(⁵)	13.8	10.3	3.4	13.8	31.0	(⁵)	34.5	3.4
Philadelphia PMSA	100.0	78.8	2.7	7.2	2.7	4.5	4.8	19.4	7.2	37.6	17.9
Phoenix-Mesa MSA	100.0	79.6	(⁵)	13.0	7.4	5.6	7.4	22.2	7.4	27.8	20.4
Pittsburgh MSA	100.0	85.2	1.9	14.8	5.6	9.3	5.6	14.8	13.0	35.2	11.1
Portland-Vancouver PMSA	100.0	64.5	3.2	9.7	3.2	6.5	6.5	16.1	16.1	12.9	19.4
Providence-Fall River-Warwick MSA	100.0	85.7	(⁵)	19.0	14.3	4.8	(⁵)	14.3	14.3	33.3	9.5
Riverside-San Bernardino PMSA	100.0	64.0	5.4	5.4	2.7	2.7	7.2	13.5	3.6	29.7	32.4
Rochester MSA	100.0	69.8	(⁵)	17.0	11.3	5.7	3.8	18.9	3.8	24.5	24.5
Sacramento-Yolo CMSA	100.0	65.8	(⁵)	10.5	10.5	(⁵)	7.9	7.9	13.2	28.9	31.6
St. Louis MSA ⁴	100.0	74.4	2.8	6.7	2.2	4.4	7.8	15.6	6.1	35.6	23.3
Salt Lake City-Ogden MSA	100.0	83.3	(⁵)	16.7	16.7	(⁵)	16.7	16.7	(⁵)	16.7	16.7

See footnotes at end of table.

Table 26. Selected metropolitan areas and cities: Percent distribution of employed persons in nonagricultural industries by sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and area	Total employed ¹	Private nonagricultural wage and salary workers									Government
		Total ²	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate	Services ³	
				Total	Durable goods	Non-durable goods					
Black—Continued											
Metropolitan areas:—Continued											
San Antonio MSA	100.0	56.9	2.0	9.8	(⁵)	9.8	3.9	15.7	2.0	25.5	33.3
San Diego MSA	100.0	80.6	6.5	4.8	4.8	(⁵)	8.1	19.4	9.7	32.3	17.7
San Francisco PMSA	100.0	78.8	1.9	(⁵)	(⁵)	(⁵)	15.4	17.3	1.9	40.4	19.2
San Jose PMSA	100.0	73.9	(⁵)	26.1	26.1	(⁵)	(⁵)	8.7	4.3	34.8	26.1
Seattle-Bellevue-Everett PMSA	100.0	81.6	2.0	16.3	14.3	2.0	14.3	18.4	4.1	26.5	16.3
Tampa-St. Petersburg-Clearwater MSA	100.0	82.5	6.1	13.2	8.8	4.4	7.0	18.4	10.5	27.2	16.7
Washington D.C. PMSA	100.0	63.7	2.8	4.2	1.8	2.5	8.6	15.9	6.0	26.3	34.0
Cities:											
Baltimore central city	100.0	67.9	3.2	4.8	1.1	3.2	2.7	18.7	7.0	31.6	28.3
Chicago central city	100.0	74.9	1.4	11.7	5.7	6.0	8.4	16.1	6.8	30.5	22.9
Cleveland central city	100.0	82.9	3.9	11.8	10.5	2.6	3.9	19.7	6.6	35.5	11.8
Dallas central city	100.0	82.6	2.7	10.1	4.0	6.0	6.7	19.5	10.7	32.2	13.4
Detroit central city	100.0	78.2	2.2	20.0	16.7	3.3	4.4	17.1	5.8	28.7	17.8
District of Columbia	100.0	64.4	3.0	1.5	(⁵)	.7	5.9	12.3	3.7	37.0	29.6
Houston central city	100.0	79.8	3.1	7.2	3.1	3.6	11.2	24.2	2.7	31.8	13.5
Indianapolis central city	100.0	76.0	(⁵)	5.3	1.3	2.7	4.0	26.7	9.3	30.7	21.3
Los Angeles central city	100.0	69.1	2.7	8.5	4.8	4.3	8.0	12.2	5.9	31.4	21.8
Milwaukee central city	100.0	69.4	(⁵)	16.7	11.1	5.6	1.4	18.1	5.6	27.8	23.6
New York central city	100.0	73.6	3.5	4.6	1.3	3.3	8.0	13.3	9.1	35.1	23.1
Philadelphia central city	100.0	76.8	2.9	4.8	1.0	3.9	6.3	15.9	7.7	39.6	19.8
Phoenix central city	100.0	86.7	(⁵)	13.3	6.7	3.3	6.7	23.3	3.3	40.0	13.3
St. Louis central city	100.0	67.6	(⁵)	2.8	(⁵)	2.8	8.5	14.1	9.9	32.4	28.2
San Antonio central city	100.0	55.6	2.8	13.9	(⁵)	13.9	2.8	16.7	2.8	16.7	33.3
San Diego central city	100.0	85.7	4.8	4.8	4.8	(⁵)	7.1	19.0	7.1	40.5	14.3
San Francisco central city	100.0	75.6	2.4	(⁵)	(⁵)	(⁵)	17.1	17.1	2.4	36.6	24.4
Hispanic origin											
Metropolitan areas:											
Atlanta MSA	100.0	90.4	30.8	11.5	9.6	1.9	7.7	17.3	5.8	19.2	5.8
Baltimore PMSA	100.0	71.4	(⁵)	9.5	9.5	(⁵)	(⁵)	14.3	4.8	42.9	28.6
Bergen-Passaic PMSA	100.0	88.2	3.9	34.2	11.8	21.1	9.2	17.1	5.3	19.7	10.5
Boston PMSA	100.0	93.2	2.7	12.3	6.8	5.5	2.7	32.9	4.1	39.7	4.1
Charlotte-Gastonia-Rock Hill MSA	100.0	90.0	10.0	30.0	(⁵)	30.0	20.0	10.0	(⁵)	20.0	10.0
Chicago PMSA	100.0	91.7	6.2	33.1	19.7	13.5	3.6	23.7	4.7	20.3	5.6
Cleveland-Lorain-Elyria PMSA	100.0	92.6	7.4	29.6	22.2	7.4	3.7	25.9	3.7	22.2	7.4
Dallas-Fort Worth CMSA	100.0	89.0	11.4	22.9	14.0	8.9	5.9	24.3	5.3	19.0	6.2
Denver-Boulder-Greeley CMSA	100.0	76.4	9.3	10.6	4.3	6.2	6.2	21.7	5.6	22.4	18.6
Detroit PMSA	100.0	96.7	8.2	21.3	19.7	1.6	3.3	39.3	4.9	18.0	3.3
Fort Lauderdale PMSA	100.0	89.1	5.5	11.7	9.4	2.3	10.9	18.8	9.4	32.8	6.3
Hartford MSA	100.0	82.7	1.9	28.8	21.2	7.7	3.8	23.1	5.8	21.2	13.5
Houston PMSA	100.0	90.4	18.9	18.2	11.0	7.2	6.3	21.7	4.4	18.6	5.6
Kansas City MSA	100.0	94.4	5.6	19.4	11.1	5.6	8.3	41.7	2.8	19.4	2.8
Los Angeles-Long Beach PMSA	100.0	85.9	6.3	24.9	12.2	12.7	5.7	23.3	3.4	22.3	8.3
Miami PMSA	100.0	87.7	5.9	9.9	4.9	5.0	14.3	23.0	8.7	26.1	7.0
Milwaukee-Waukesha PMSA	100.0	91.3	(⁵)	52.2	21.7	30.4	(⁵)	13.0	4.3	21.7	(⁵)
Minneapolis-St. Paul MSA	100.0	93.5	(⁵)	13.0	6.5	6.5	2.2	39.1	8.7	30.4	4.3
Nassau-Suffolk PMSA	100.0	87.0	3.7	28.7	19.4	9.3	8.3	20.4	6.5	18.5	12.0
New Orleans MSA	100.0	93.8	9.4	6.3	6.3	(⁵)	9.4	37.5	9.4	21.9	3.1
New York PMSA	100.0	83.9	4.4	11.5	3.5	8.0	5.2	28.0	8.5	26.2	11.7
Newark PMSA	100.0	85.9	5.1	21.2	8.1	13.1	9.1	23.2	5.1	21.2	11.1
Norfolk-Virginia Beach-Newport News MSA ..	100.0	81.8	(⁵)	18.2	4.5	13.6	(⁵)	22.7	(⁵)	45.5	13.6
Oakland PMSA	100.0	82.1	10.7	15.5	11.9	3.6	8.3	26.2	2.4	17.9	9.5
Oklahoma City MSA	100.0	85.2	7.4	14.8	7.4	3.7	(⁵)	33.3	(⁵)	29.6	11.1

See footnotes at end of table.

Table 26. Selected metropolitan areas and cities: Percent distribution of employed persons in nonagricultural industries by sex, race, and Hispanic origin, 1998 annual averages — Continued

Population group and area	Total employed ¹	Private nonagricultural wage and salary workers									Government
		Total ²	Construction	Manufacturing			Transportation, communications, and public utilities	Trade	Finance, insurance, and real estate	Services ³	
				Total	Durable goods	Non-durable goods					
Hispanic origin—Continued											
Metropolitan areas:—Continued											
Orange County PMSA	100.0	87.9	6.6	26.6	16.4	10.2	3.3	22.6	4.3	24.6	6.9
Philadelphia PMSA	100.0	88.6	10.0	20.0	11.4	10.0	4.3	30.0	(⁵)	22.9	8.6
Phoenix-Mesa MSA	100.0	88.2	15.5	16.6	10.7	6.3	5.2	22.1	5.2	23.6	7.0
Pittsburgh MSA	100.0	80.0	(⁵)	(⁵)	(⁵)	(⁵)	10.0	20.0	10.0	30.0	10.0
Portland-Vancouver PMSA	100.0	91.1	8.9	26.7	20.0	4.4	2.2	22.2	(⁵)	28.9	6.7
Providence-Fall River-Warwick MSA	100.0	93.1	(⁵)	41.4	31.0	13.8	(⁵)	13.8	6.9	27.6	(⁵)
Riverside-San Bernardino PMSA	100.0	79.9	6.7	19.1	14.6	4.5	7.6	21.3	2.9	22.9	13.1
Rochester MSA	100.0	75.0	8.3	41.7	16.7	16.7	8.3	16.7	(⁵)	8.3	8.3
Sacramento-Yolo CMSA	100.0	74.2	2.2	8.6	3.2	5.4	6.5	25.8	2.2	28.0	23.7
Salt Lake City-Ogden MSA	100.0	87.2	14.9	17.0	12.8	4.3	6.4	23.4	6.4	19.1	6.4
San Antonio MSA	100.0	77.1	7.6	8.2	4.5	3.7	6.8	23.2	5.6	25.1	17.5
San Diego MSA	100.0	74.2	4.7	12.7	8.1	4.2	4.2	27.5	5.9	19.5	14.8
San Francisco PMSA	100.0	88.0	7.5	18.8	9.0	9.8	7.5	25.6	4.5	24.8	7.5
San Jose PMSA	100.0	86.1	7.0	26.2	21.4	4.8	2.7	21.4	3.2	25.7	9.6
Seattle-Bellevue-Everett PMSA	100.0	86.4	13.6	9.1	4.5	4.5	4.5	36.4	4.5	20.5	9.1
Tampa-St. Petersburg-Clearwater MSA	100.0	90.7	10.2	13.0	7.4	5.6	6.5	38.0	3.7	20.4	6.5
Washington D.C. PMSA	100.0	84.5	17.4	2.5	.6	1.9	3.7	26.7	6.8	28.0	11.8
Cities:											
Chicago central city	100.0	91.1	5.9	33.5	18.6	14.4	3.0	24.2	4.7	19.9	5.9
Cleveland central city	100.0	100.0	8.3	25.0	16.7	8.3	(⁵)	50.0	8.3	16.7	(⁵)
Dallas central city	100.0	91.7	14.6	22.9	13.4	8.9	4.5	27.4	7.0	15.9	5.7
Detroit central city	100.0	100.0	36.4	9.1	9.1	(⁵)	(⁵)	36.4	(⁵)	9.1	(⁵)
District of Columbia	100.0	81.3	6.3	(⁵)	(⁵)	(⁵)	6.3	25.0	6.3	27.5	12.5
Houston central city	100.0	93.6	18.5	15.9	10.7	5.2	7.7	21.5	6.0	21.0	2.6
Los Angeles central city	100.0	87.8	8.9	25.5	10.5	14.9	5.1	24.1	3.2	21.0	5.8
Milwaukee central city	100.0	100.0	(⁵)	61.5	38.5	23.1	(⁵)	7.7	(⁵)	30.8	(⁵)
New York central city	100.0	83.9	4.3	11.7	3.5	8.3	5.4	28.3	8.5	25.6	12.1
Philadelphia central city	100.0	85.7	19.0	14.3	9.5	9.5	4.8	19.0	(⁵)	23.8	9.5
Phoenix central city	100.0	88.9	16.4	16.4	11.1	5.3	4.1	22.2	4.7	25.1	5.8
San Antonio central city	100.0	78.9	7.9	8.2	4.7	3.6	7.2	25.1	5.7	24.7	16.8
San Diego central city	100.0	71.5	4.1	8.9	4.9	3.3	4.9	26.0	7.3	20.3	15.4
San Francisco central city	100.0	88.7	5.6	12.7	5.6	8.5	12.7	23.9	4.2	29.6	8.5

¹ Includes self-employed and unpaid family workers and mining.
² Includes mining.
³ Excludes private household workers.
⁴ Data do not reflect the official U.S. Office of Management and Budget definition. See appendix C.
⁵ Less than 500 persons employed or less than 0.05 percent of total

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

Table 27. Selected metropolitan areas and cities: Unemployment rates for nonagricultural workers by industry¹, 1998 annual averages

Area	Total ²	Private nonagricultural wage and salary workers									Government
		Total ³	Construc- tion	Manufacturing			Trans- porta- tion, com- muni- cations, and pub- lic utilities	Trade	Finance, insurance, and real estate	Ser- vices ⁴	
				Total	Durable goods	Non- durable goods					
Metropolitan areas:											
Atlanta MSA	2.8	2.9	4.3	2.1	1.3	3.2	1.5	3.4	2.2	3.3	2.4
Baltimore PMSA	5.1	6.1	7.1	5.7	5.4	(⁵)	4.6	6.6	5.2	6.2	2.6
Bergen-Passaic PMSA	3.5	3.7	(⁵)	3.1	(⁵)	4.1	(⁵)	3.9	2.1	4.3	2.8
Boston PMSA	2.9	3.1	5.7	2.6	2.0	3.7	2.2	4.4	1.4	2.8	2.5
Buffalo-Niagara Falls MSA	3.2	3.3	(⁵)	1.9	1.6	(⁵)	(⁵)	3.5	(⁵)	3.6	3.3
Charlotte-Gastonia-Rock Hill MSA	3.3	3.7	(⁵)	2.8	(⁵)	2.1	(⁵)	3.9	(⁵)	4.5	.9
Chicago PMSA	4.2	4.6	7.2	3.5	2.7	4.5	5.1	6.0	2.3	4.3	1.5
Cincinnati PMSA	3.4	3.7	(⁵)	3.1	2.7	3.5	(⁵)	4.2	(⁵)	3.3	1.5
Cleveland-Lorain-Elyria PMSA	2.6	3.0	(⁵)	2.6	2.6	(⁵)	(⁵)	2.9	1.4	2.7	.5
Columbus, Ohio MSA	3.4	3.9	(⁵)	1.9	.9	(⁵)	(⁵)	5.5	2.0	4.0	1.6
Dallas-Fort Worth CMSA	3.8	4.2	1.8	3.2	3.0	3.5	4.1	5.9	3.2	4.2	2.1
Dayton-Springfield MSA	4.9	5.1	(⁵)	5.5	4.4	(⁵)	(⁵)	5.4	(⁵)	4.4	4.5
Denver-Boulder-Greeley CMSA	3.0	3.4	2.2	3.2	2.8	3.8	3.8	4.6	2.5	3.3	1.8
Detroit PMSA	3.5	3.7	5.1	3.7	3.6	4.0	3.1	4.3	1.8	3.5	1.6
Fort Lauderdale PMSA	4.0	4.4	4.4	5.1	4.2	(⁵)	3.1	6.4	3.7	3.2	1.6
Hartford MSA	2.3	2.5	(⁵)	1.4	(⁵)	(⁵)	(⁵)	1.8	(⁵)	1.7	(⁵)
Houston PMSA	3.9	4.4	5.6	3.0	2.5	3.6	2.6	5.4	1.3	5.6	.8
Indianapolis MSA	3.1	3.4	(⁵)	.2	(⁵)	(⁵)	(⁵)	6.3	(⁵)	2.0	(⁵)
Kansas City MSA	3.1	3.5	(⁵)	4.6	(⁵)	(⁵)	1.9	3.7	2.3	3.9	1.1
Los Angeles-Long Beach PMSA	5.7	6.4	7.8	6.8	5.7	8.1	3.7	7.6	3.5	6.2	2.5
Louisville MSA	3.6	4.1	(⁵)	4.2	(⁵)	(⁵)	(⁵)	7.1	(⁵)	3.1	.9
Memphis MSA	3.7	4.2	(⁵)	(⁵)	(⁵)	(⁵)	1.6	5.0	(⁵)	4.5	1.7
Miami PMSA	5.7	6.3	8.5	4.5	3.2	5.4	6.0	7.9	3.0	6.0	2.9
Milwaukee-Waukesha PMSA	3.1	3.6	(⁵)	1.5	1.1	(⁵)	(⁵)	6.2	(⁵)	3.7	.6
Minneapolis-St. Paul MSA	1.9	2.2	(⁵)	1.9	2.0	(⁵)	(⁵)	3.1	.5	2.0	.5
Nassau-Suffolk PMSA	2.5	2.8	4.2	2.1	(⁵)	(⁵)	1.2	3.4	1.7	3.3	1.1
New Orleans MSA	4.0	4.9	(⁵)	3.5	(⁵)	(⁵)	(⁵)	5.3	(⁵)	4.5	.4
New York PMSA	6.7	7.3	12.3	7.7	7.9	7.6	5.6	8.9	3.9	7.1	4.4
Newark PMSA	4.2	4.5	7.4	3.0	2.3	3.6	2.9	6.8	3.3	4.0	3.0
Norfolk-Virginia Beach-Newport News MSA ..	4.1	5.2	(⁵)	1.7	2.5	(⁵)	(⁵)	7.1	(⁵)	7.5	.8
Oakland PMSA	4.0	4.9	(⁵)	2.9	3.8	(⁵)	3.1	4.5	4.8	5.3	1.1
Oklahoma City MSA	3.6	4.6	(⁵)	2.6	2.4	(⁵)	(⁵)	6.1	(⁵)	4.9	.9
Orange County PMSA	3.4	3.8	(⁵)	3.3	3.3	3.5	(⁵)	5.1	3.7	2.9	2.1
Philadelphia PMSA	4.3	4.8	7.9	3.0	3.2	2.9	4.9	6.2	2.5	4.9	2.5
Phoenix-Mesa MSA	3.2	3.4	3.4	2.3	2.3	2.2	1.4	4.5	2.2	3.8	2.0
Pittsburgh MSA	3.8	4.1	(⁵)	3.1	3.8	(⁵)	3.2	4.1	2.7	4.2	2.3
Portland-Vancouver PMSA	4.6	5.1	7.0	4.3	3.7	5.8	7.6	5.0	4.1	4.9	3.2
Providence-Fall River-Warwick MSA	4.7	5.3	10.1	5.5	5.1	6.1	6.5	5.5	1.0	5.1	1.3
Riverside-San Bernardino PMSA	6.6	7.5	9.3	6.7	5.2	10.2	6.3	9.2	1.9	7.6	3.2
Rochester MSA	4.3	4.4	(⁵)	3.7	3.1	(⁵)	(⁵)	6.0	(⁵)	3.7	3.7
Sacramento-Yolo CMSA	5.2	6.5	(⁵)	10.4	(⁵)	(⁵)	(⁵)	7.9	3.3	4.5	2.6
St. Louis MSA ⁶	4.3	4.8	7.8	4.2	4.7	3.6	3.2	5.7	1.4	4.9	1.5
Salt Lake City-Ogden MSA	3.7	3.9	5.4	2.9	3.0	2.4	3.3	5.0	1.5	3.9	3.0
San Antonio MSA	5.0	6.0	5.0	5.5	(⁵)	(⁵)	5.7	7.5	(⁵)	5.5	1.9
San Diego MSA	5.1	6.1	12.6	4.8	4.6	(⁵)	(⁵)	6.8	.4	6.0	2.3
San Francisco PMSA	3.2	3.6	(⁵)	3.0	(⁵)	(⁵)	(⁵)	4.3	(⁵)	3.2	2.5
San Jose PMSA	3.3	3.9	(⁵)	3.7	3.6	(⁵)	(⁵)	4.4	(⁵)	4.1	.4
Seattle-Bellevue-Everett PMSA	3.4	3.6	(⁵)	2.1	2.0	(⁵)	(⁵)	4.8	(⁵)	3.0	2.9
Tampa-St. Petersburg-Clearwater MSA	4.4	4.8	6.9	5.0	6.2	(⁵)	5.4	4.3	1.5	5.3	3.0
Washington D.C. PMSA	3.2	3.8	3.1	3.5	(⁵)	(⁵)	2.7	6.4	2.9	3.0	1.7

See footnotes at end of table.

Table 27. Selected metropolitan areas and cities: Unemployment rates for nonagricultural workers by industry¹, 1998 annual averages — Continued

Area	Total ²	Private nonagricultural wage and salary workers									Government
		Total ³	Construc- tion	Manufacturing			Trans- porta- tion, com- muni- cations, and pub- lic utilities	Trade	Finance, insurance, and real estate	Ser- vices ⁴	
				Total	Durable goods	Non- durable goods					
Cities:											
Baltimore central city	11.4	13.7	(5)	(5)	(5)	(5)	(5)	13.8	6.2	12.0	6.2
Chicago central city	6.5	7.4	11.0	7.3	5.7	9.2	9.0	9.9	3.4	6.3	1.8
Cleveland central city	5.8	6.6	(5)	6.0	(5)	(5)	(5)	4.0	(5)	5.6	(5)
Dallas central city	3.9	4.5	(5)	4.1	(5)	(5)	(5)	6.5	(5)	4.7	1.1
Detroit central city	7.1	8.3	(5)	6.4	4.9	(5)	(5)	9.9	(5)	9.2	1.3
District of Columbia	8.2	9.3	23.5	4.5	(5)	4.6	9.5	15.5	11.8	6.2	5.6
Houston central city	5.7	6.1	7.0	4.3	3.2	5.7	3.4	7.9	3.4	6.5	2.1
Indianapolis central city	3.9	4.3	(5)	(5)	(5)	(5)	(5)	6.1	(5)	2.5	(5)
Los Angeles central city	6.7	7.2	7.4	8.5	6.1	10.6	4.3	7.8	3.5	7.0	4.1
Milwaukee central city	6.4	8.1	(5)	4.3	2.5	(5)	(5)	15.1	(5)	7.7	.6
New York central city	7.2	7.8	13.6	8.0	7.7	8.1	5.2	9.4	4.4	7.8	4.6
Philadelphia central city	7.3	8.1	(5)	8.4	(5)	9.3	8.7	11.3	2.1	7.7	4.4
Phoenix central city	4.1	4.3	4.5	4.2	4.3	(5)	(5)	5.4	4.4	4.1	2.4
St. Louis central city	8.1	9.1	(5)	(5)	(5)	(5)	(5)	11.1	(5)	5.7	3.9
San Antonio central city	5.4	6.4	(5)	5.2	(5)	(5)	(5)	7.7	(5)	4.9	2.0
San Diego central city	4.4	5.1	(5)	3.5	4.6	(5)	(5)	5.6	(5)	6.0	2.4
San Francisco central city	3.6	4.0	(5)	(5)	(5)	(5)	(5)	5.5	(5)	4.3	(5)

¹ Excludes persons with no previous work experience.

² Includes self-employed and unpaid family workers and mining.

³ Includes mining.

⁴ Excludes private household workers.

⁵ Data are not shown when the labor force base does not meet BLS

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

⁶ Data do not reflect the official U.S. Office of Management and Budget definition. See appendix C.

Appendix A.

Concepts and Definitions for Data Derived from the Current Population Survey

Tables showing labor force status include provisional estimates of the civilian noninstitutional population 16 years and over as well as data on the civilian labor force, labor force participation rates, and unemployment rates. Population estimates are revised by the Bureau of the Census each year, and the revised estimates are incorporated into the CPS labor force levels. This adjustment affects the estimates of labor force, employment, and unemployment but does not affect percentages such as unemployment rates, participation rates, or employment-population ratios. Thus, levels contained in this publication may not be comparable to levels published in earlier (or subsequent) *Geographic Profiles*.

The concepts and definitions underlying labor force data in use as of January 1994 are as follows:

Civilian noninstitutional population. Included are persons 16 years of age and older residing in the 50 States and the District of Columbia who are not inmates of institutions (e.g., penal and mental facilities, homes for the aged) and who are not on active duty in the Armed Forces.

Employed persons. All persons who, during the reference week, (a) did any work at all (at least 1 hour) as paid employees, worked in their own business or profession or on their own farm, or worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) were not working but had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, child-care problems, maternity or paternity leave, labor-management dispute, job training, or other family or personal reasons, whether or not they were paid for the time off or were seeking other jobs.

Unemployed persons. All persons who had no employment during the reference week, were available for work, except for temporary illness, and had made specific efforts to find employment some time during the 4 week period ending with the reference week. Persons who were waiting to be recalled to a job from which they had been laid off need not have been looking for work to be classified as unemployed.

Duration of unemployment. This represents the length of time (through the current reference week) that persons classified

as unemployed had been looking for work. For persons on layoff, duration of unemployment represents the number of full weeks they had been on layoff.

Reason for unemployment. Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into five major groups: (1) *Job losers*, comprised of (a) persons *on temporary layoff*, who have been given a date to return to work or who expect to return within 6 months (persons on layoff need not be looking for work to qualify as unemployed), and (b) *permanent job losers*, whose employment ended involuntarily and who began looking for work; (2) *Job leavers*, persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work; (3) *Persons who completed temporary jobs* (included along with job losers in this publication), who began looking for work after the jobs ended; (4) *Reentrants*, persons who previously worked but were out of the labor force prior to beginning their job search; and (5) *New entrants*, persons who never worked.

Labor force. This group comprises all persons classified as employed or unemployed in accordance with the criteria described above.

Unemployment rate. The unemployment rate represents the number unemployed as a percent of the labor force.

Participation rate. This represents the proportion of the population that is in the labor force.

Employment-population ratio. This represents the proportion of the population that is employed.

Occupation and industry. This information for the employed applies to the job held in the reference week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours. The unemployed are classified according to their last job. The occupational and industrial classification of CPS data is based on the coding systems used in the 1990 census.

Hours of work. These statistics relate to the actual number of hours worked during the reference week. For example, persons who normally work 40 hours a week but were off on the Columbus Day holiday would be reported as working 32 hours, even though they were paid for the holiday. For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week; all the hours are credited to the major job.

At work part time for economic reasons. Sometimes referred to as involuntary part time, this category refers to individuals who gave an economic reason for working 1 to 34 hours during the reference week. Economic reasons include slack work or unfavorable business conditions, inability to find full-time work, and seasonal declines in demand. Those who usually work part time must also indicate that they want and are available to work full time to be classified as on part time for economic reasons.

At work part time for noneconomic reasons. This group includes those persons who usually work part time and were at work 1 to 34 hours during the reference week for a noneconomic reason. Noneconomic reasons include, for example: illness or other medical limitations, child-care problems or other family or personal obligations, school or training, retirement or Social Security limits on earnings, and being in a job where full-time work is less than 35 hours. The group also includes those who gave an economic reason for usually working 1 to 34 hours but said they do not want to work full time or were unavailable for such work.

Usual full- or part-time status. Data on persons “at work” exclude persons who were temporarily absent from a job and

therefore classified in the zero-hours-worked category, “with a job but not at work.” These are persons who were absent from their jobs for the entire week for such reasons as bad weather, child-care problems, maternity or paternity leave, vacation, illness, or involvement in a labor dispute. In order to differentiate a person’s normal schedule from their activity during the reference week, persons are also classified according to their usual full- or part-time status. In this context, *full-time workers* are those who usually worked 35 hours or more (at all jobs combined). This group will include some individuals who worked less than 35 hours in the reference week for either economic or noneconomic reasons and those who are temporarily absent from work. Similarly, *part-time workers* are those who usually work less than 35 hours per week (at all jobs), regardless of the number of hours worked in the reference week. This may include some individuals who actually worked more than 34 hours in the reference week, as well as those who are temporarily absent from work.

White, black, and other. These are terms used to describe the race of persons. Included in the “other” group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. Because of the relatively small sample size in most areas, data for “other” races are not published. In the enumeration process, race is determined by the household respondent.

Hispanic origin. This refers to persons who identified themselves in the survey enumeration process as Mexican, Puerto Rican, Cuban, Central or South American, or of other Hispanic origin or descent. Persons of Hispanic origin may be of any race; thus, they are included in both the white and black population groups.

Appendix B. Sampling and Estimation Procedures and Sampling Error Tables

The estimates presented in this bulletin are based on annual averages of monthly data obtained from the CPS, a sample survey of the civilian noninstitutional population. The survey is conducted each month by the Bureau of the Census for BLS, and provides comprehensive data on the labor force, employed, and unemployed, including such characteristics as age, sex, race, Hispanic origin, occupation, and industry. The survey also provides data on the characteristics of those not in the labor force.

Each month, trained interviewers collect information from a scientifically-selected sample (about 50,000 occupied housing units), designed to represent the civilian noninstitutional population. Selected respondents are interviewed to obtain information about the employment status of each household member 16 years of age and over. The “reference week” is the calendar week (Sunday through Saturday) which includes the 12th of the month. Actual field interviewing is conducted during the following week, which is known as the “survey” week.

Sampling procedures

The 1998 sample encompasses 754 sample areas, with coverage in every State and the District of Columbia. It is based to a large extent on information about the distribution of the population as reported in the 1990 decennial census. (A redesigned 1990 census-based sample was phased in during the April 1994 through July 1995 period.) These areas were selected by dividing the entire area of the United States into 2,007 primary sampling units (PSUs). With some minor exceptions, a PSU consists of a county or number of contiguous counties. Most metropolitan areas constitute separate PSUs.

To improve the efficiency of the sample, the 2,007 PSUs are grouped into strata within each State. Then, one PSU is selected from each stratum, with the probability of selection proportionate to the relative population size of the PSU. PSUs in strata by themselves are called “self-representing” and are generally the most populous in each State. Other strata are formed by combining PSUs that are similar in such characteristics as population growth, proportion of blacks and Hispanics, occupation/industry, and age/sex distribution. PSUs selected from these strata are “non-self-representing,” since each one chosen represents the entire stratum.

Within each of the selected PSUs, the number of households to be enumerated each month is determined in two steps. First, a sample of census enumeration districts (EDs) is selected using the population size probability selection procedure. EDs are administrative units and contain, on average, about 300 households. Second, clusters of approximately four addresses (contiguous wherever possible) are selected to be enumerated within each designated ED.

Part of the sample is changed, or rotated, each month. A given rotation group is in the sample for 4 consecutive months, leaves the sample during the following 8 months, and then returns for another 4 consecutive months. A primary reason for rotating the sample is to minimize the lack of cooperation which may result from interviewing a constant panel indefinitely. The rotation plan provides for three-fourths of the sample to be identical from one month to the next and one-half to be identical with the same month a year earlier.

Estimating methods

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire sample of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that each sample person represents. Through a series of estimation steps (outlined below), the selection probabilities are adjusted for noninterviews and survey undercoverage; data from previous months are incorporated into the estimates through the composite estimation procedure.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a State. Similarity of sample areas is based on metropolitan area status and size. Within each cluster, there is a further breakdown by residence. The proportion of sample

households not interviewed varies from 6 to 7 percent, depending upon a number of factors, including weather and vacations.

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

a. *First-stage ratio estimation.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the Nation. This adjustment is made to the CPS weights in two race cells: Black and nonblack; it is applied only to PSUs that are non-self-representing and for those States that have a substantial number of black households. The procedure corrects for differences that existed in each State cell at the time of the 1990 census between the race distribution of the population in sample PSUs and the race distribution of all non-self-representing PSUs.

b. *Second-stage ratio estimation.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:

- 1) 51 State controls of the civilian noninstitutional population 16 years of age and older,
- 2) National civilian noninstitutional population controls for 14 Hispanic and 5 non-Hispanic age-sex categories, and
- 3) National civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories.

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 1990. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Subtracting estimated numbers of resident Armed Forces personnel and institutionalized persons reduces the resident population to the civilian noninstitutional population. Estimates of net census undercount, determined from the Post Enumera-

tion Survey, are added to the population projections. Prior to January 1994, the projections were based on earlier censuses, and there was no correction for census undercount.

3. *Composite estimation procedure.* The last step in the preparation of most CPS estimates makes use of a composite estimation procedure. The composite estimate consists of a weighted average of two factors: (1) the second-stage ratio estimate based on the entire sample from the current month and (2) the composite estimate for the previous month, plus an estimate of the month-to-month change based on the six rotation groups common to both months. In addition, a bias adjustment term is added to the weighted average to account for relative bias associated with month-in-sample estimates. The compositing procedure results in a reduction in sampling error beyond that which is achieved after the two stages of ratio adjustment.

Reliability of the estimates

The estimates in this bulletin are based upon a sample of the population rather than a complete count. Therefore, 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 are used in the CPS. There are two types of errors in an estimate based on a sample survey—sampling and nonsampling. The sampling error tables provided later in this appendix indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but do not measure any systematic biases in the data.

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

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.
3. Approximately 95 percent of the intervals from two standard errors below the esti-

mate to two standard errors above the estimate would include the average result of all possible samples.

The error of a sample estimate varies inversely with the size of the sample and directly with the size of the estimate. Hence, an estimate for a subgroup constituting a small proportion of a population will tend to have a larger error relative to its size than an estimate for a larger subgroup.

Reliability standards

The CPS sample design takes into consideration both national and State reliability. For the State data, a minimum reliability standard is set: An expected maximum coefficient of variation (CV) on the level of total unemployment of 8 percent annually. This is calculated based on a 6-percent unemployment rate. Because each State's design must meet the reliability standard, the CPS sampling rate differs by State. (The sampling rate is the proportion of all households that are selected for the sample.) Generally, the smaller the State population, the higher the sampling rate. The average State sampling rates range roughly from 1 in every 200 households to 1 in every 2,500 households in each stratum within the State.

Publication standards for State and area CPS data

To achieve comparability of the data for regions, divisions, States, metropolitan areas, and cities for publication purposes, a unique requirement for minimum labor force, employment, or unemployment was developed for each area. This requirement is based on the known differences in sampling rates among these areas. Before estimates are published for a specific category (e.g., Hispanic unemployment in a particular State), a predetermined "critical cell" must meet a 50-percent CV requirement. As a result of this requirement, minimum bases for publication have been developed for each area. Table B-1 lists the minimum necessary base for publication of data in each of the regions, divisions, States, the District of Columbia, metropolitan areas, and cities appearing in this bulletin.

Estimates are not shown when they do not meet the minimum base for the State or area listed in table B-1. In tables showing the labor force status of the population, the critical cell is the size of the labor force of the particular population group. In all other tables, the determining factor or critical cell is the size of the base of the distribution, for example, the size of total employment or unemployment for that area or population subgroup. Data are not published for any cell with a level of fewer than 500 persons or less than 0.05 percent of the total for a given characteristic.

Using the sampling error tables

Tables B-2 through B-5 provide sampling errors for use in constructing 90-percent confidence intervals (approximately 1.6 standard errors) for major labor force characteristics. They are approximations and thus indicate the order of magnitude

of the sampling error rather than the precise amount of the possible error in an estimate. Illustrations on the use of these tables are provided below. In all cases, the computations present the estimated levels in thousands of persons.

Sampling error of an estimated number. Table B-5 shows that an estimate of 50,000 unemployed persons in Maryland will have an absolute sampling error of 10,000, or a relative sampling error of 20 percent (10,000/50,000). In comparison, an estimate of 100,000 unemployed persons in Maryland has an absolute sampling error of 14,000, yielding a relative sampling error of 14 percent (14,000/100,000). A statement that unemployment in Maryland is between 40,000 and 60,000 in the first instance, and between 86,000 and 114,000 in the second, can be made with approximately 90-percent confidence.

This can be interpreted as follows: If one were to draw all possible samples and make an estimate from each sample (using the same methods and techniques) and construct an interval around each estimate (using the sampling errors shown in the tables), then 90 percent of these intervals would contain the average value of all possible samples.

To convert a sampling error from 90-percent confidence, as displayed in the tables, to 68-percent confidence (one standard error), multiply the sampling error shown in the tables by 0.63. To convert the sampling error from 90- to 95-percent confidence (approximately two standard errors) multiply the sampling error by 1.23. For the example given above, the sampling error at 90-percent confidence was 10,000. At 68-percent confidence, the error would be about 6,300 (10,000 x 0.63). At 95-percent confidence, the error would be about 12,300 (10,000 x 1.23).

Sampling error of a difference. To compute the error of a difference from the tables, an additional step is required. If, for instance, one wishes to know whether a change in the unemployment rate from one year to the next in a particular area for a particular population group is statistically significant, or whether the difference in the unemployment rate between two areas or population groups is statistically meaningful, the significance of the difference needs to be computed. (Differences between estimates for 2 consecutive years may be influenced to some extent by the redesign of the CPS concepts, questionnaire, and collection procedures, such as that which occurred in 1994.)

As noted above, differences can take two general forms: (1) differences between population groups and/or geographic areas; or (2) differences for the same population group and geographic area over time. Either type of difference can be calculated using the following formula, and noting the limiting covariance assumption discussed below.

$$SE_d = ((SE_1^2 + SE_2^2) - 2C \times (SE_1 \times SE_2))^{1/2}$$

where:

SE_d = the sampling error of the difference.
 SE_1 = the sampling error of one group or year.
 SE_2 = the sampling error of another group or year.
 C = the covariance (or relationship) term.

The SE_1 and SE_2 can be found in the appropriate table of *Geographic Profile* for each year if the comparison is between different years, because the size of the samples and, consequently, sampling errors may differ from year to year. Values for the covariance or “C” term (for employment and unemployment) for differences between *consecutive* years are as follows. For labor force or employment levels, $C = 0.58$; for unemployment levels or rates, $C = 0.37$. It is important to note that these “C” terms are usable only for calculating the sampling error of a difference for over-the-year change for the *same geographic area and population group*.

Covariance terms for the relationship between different population groups or geographic areas in this bulletin are not available. When calculating sampling errors for differences between two *different* population groups or geographic areas, a “C” term of zero must be assumed. The effect of this assumption is: (1) if the relationship between two groups, areas, or years (differences for nonconsecutive years) is small, the “C” term can legitimately be ignored and the sampling errors won’t be adversely affected, or (2) if there is a strong positive relationship between the two groups, areas, or years (differences for consecutive years), then the error computed without a “C” term will be overstated. This could lead one to erroneously state that a difference or change was *not* statistically significant when, in fact, it was. When there is a strong relationship over time for a labor force characteristic such as employment (i.e., people tend to remain employed from one year to the next), the importance of using a “C” term when calculating the sampling error of a difference over time increases greatly.

The following example illustrates how to calculate a sampling error for a difference.

Suppose one wished to know whether a *hypothetical* difference between the unemployment level of 250,000 for a particular population group in California and an unemployment level of 200,000 for the same group in New York was statistically significant at 90-percent confidence. Table B-5 gives the error for an unemployment level of 250,000 in California as approximately 23,000 and the error for an unemployment level of 200,000 in New York as 17,000. Using the formula described above without the “C” term produces the following results:

$$\begin{aligned}
 SE_1 &= 23; SE_2 = 17 \\
 SE_1^2 + SE_2^2 &= 818 \\
 SE_d &= ((SE_1^2 + SE_2^2))^{1/2} = 29
 \end{aligned}$$

Because each State’s sample is independent, there is no measurable correlation between the two estimates and a “C”

term of zero can be assured. Thus, the error of the difference is approximately 29,000. Since the actual difference (50,000) is greater than the error of the difference, it can be stated, with 90-percent confidence, that the difference in the unemployment level is attributable to factors other than sampling variability alone.

Sampling errors for unemployment rates. Unemployment rates and error ranges for these rates are provided in tables 1, 12, and 23. This information can be used to derive a sampling error for an unemployment rate if one is needed. The error range is a 90-percent confidence interval around the unemployment rate. By subtracting the estimated unemployment rate from the upper bound of the range, the sampling error for that rate can be obtained. This sampling error can then be used in the above formula for computing the sampling error of a difference, or for whatever purpose the user chooses.

Interpolation and extrapolation. Although sampling errors are listed for selected levels of employment and unemployment in tables B-2 through B-5, users may wish to know the sampling error for an estimate whose value is not listed. To derive such a sampling error, it is necessary to use interpolation or extrapolation.

For example, in order to derive the sampling error for the 1998 total unemployment level in Georgia, it is necessary to use interpolation because table B-5 contains no sampling error for an unemployment level estimate of 169,000. The following formula and accompanying example show how to interpolate for this estimate.

$$SE = [((A-G) / (F-G)) \times (X-Y)] + Y$$

where:

- SE = the sampling error for the estimated value.
- A = the estimated value (169,000).
- F = the table value (200,000) immediately above the estimated value.
- G = the table value (100,000) immediately below the estimated value.
- X = the sampling error of F (21,000).
- Y = the sampling error of G (15,000).

$$\begin{aligned}
 SE &= [((169 - 100) / (200 - 100)) \times (21 - 15)] + 15 \\
 SE &= (0.69 \times 6) + 15 \\
 &= 4.1 + 15 \\
 &= 19.1 \\
 &= 19
 \end{aligned}$$

If the sample-based estimate were to lie outside the boundaries of the error tables, extrapolation can be used to approxi-

mate the sampling error. The formula for extrapolation is the same as that for interpolation; however, the “F” term is the highest value in the table and the “G” term becomes the next highest value.

Derivation of sampling errors

The State and area sampling errors are developed using a generalized regression procedure and are *not* based on sample data for each individual area, population group, or labor force characteristic. As with all sampling error tables produced for CPS State and area data, a number of approximations were required in order to derive sampling errors that would apply to a wide variety of items. As a result, these sampling errors indicate the order of magnitude of a sampling error rather

than a precise sampling error for any specific item. The sampling error tables are derived from standard error equations and special parameters developed by the Bureau of Labor Statistics. These parameters are available upon request to the Division of Local Area Unemployment Statistics, Room 4675, 2 Massachusetts Avenue NE, Washington, DC 20212-0001. Telephone: (202) 606-6406.

Tables B-2 through B-5 can be used for estimates pertaining to any race/ethnic group. As noted, the sampling errors are based on a generalized regression procedure and are approximate. Generally, the degree of precision in these tables is slightly greater for whites (and the total of all race/ethnic groups) than it is for blacks or Hispanics.

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Table B-1. Minimum bases required for publication of Census region and division, State, and metropolitan area data

(In thousands)

Census region and division, State or area	Minimum base	
	Employment	Unemployment
Northeast	8	40
New England	7	44
Middle Atlantic	8	38
Midwest	11	62
East North Central	11	60
West North Central	10	66
South	12	53
South Atlantic	11	59
East South Central	12	50
West South Central	12	48
West	9	47
Mountain	8	32
Pacific	9	49
Alabama	11	54
Alaska	3	5
Arizona	10	54
Arkansas	4	26
California	9	50
Colorado	13	53
Connecticut	11	67
Delaware	2	12
District of Columbia	1	4
Florida	11	47
Georgia	10	78
Hawaii	2	12
Idaho	3	12
Illinois	9	51
Indiana	13	99
Iowa	5	60
Kansas	7	39
Kentucky	13	43
Louisiana	10	37
Maine	4	18
Maryland	11	66
Massachusetts	7	54
Michigan	10	53
Minnesota	12	102
Mississippi	7	26
Missouri	17	69
Montana	2	8
Nebraska	3	35
Nevada	4	22
New Hampshire	3	29
New Jersey	6	38
New Mexico	4	14
New York	10	33
North Carolina	10	65
North Dakota	2	11
Ohio	13	52
Oklahoma	7	39
Oregon	7	34
Pennsylvania	7	47
Rhode Island	2	13
South Carolina	8	58
South Dakota	2	14
Tennessee	13	69
Texas	14	55
Utah	5	27
Vermont	1	12
Virginia	19	111
Washington	11	72
West Virginia	6	12
Wisconsin	13	87
Wyoming	1	6

Table B-1. Minimum bases required for publication of Census region and division, State, and metropolitan area data — Continued

(In thousands)

Census region and division, State or area	Minimum base	
	Employment	Unemployment
Metropolitan area:		
Atlanta MSA	8	95
Baltimore PMSA	11	52
Bergen-Passaic PMSA	6	50
Boston PMSA	7	58
Buffalo-Niagara Falls MSA	10	53
Charlotte-Gastonia-Rock Hill MSA	6	54
Chicago PMSA	7	45
Cincinnati PMSA	10	58
Cleveland-Lorain-Elyria PMSA	10	71
Columbus, Ohio MSA	10	56
Dallas-Fort Worth CMSA	11	60
Dayton-Springfield MSA	11	40
Denver-Boulder-Greeley CMSA	8	56
Detroit PMSA	8	51
Fort Lauderdale PMSA	8	46
Hartford MSA	11	91
Houston PMSA	12	56
Indianapolis MSA	11	92
Kansas City MSA	9	72
Long Beach PMSA	5	27
Louisville MSA	9	56
Memphis MSA	10	58
Miami PMSA	10	29
Milwaukee-Waukesha PMSA	11	70
Minneapolis-St. Paul MSA	9	108
Nassau-Suffolk PMSA	9	76
New Orleans MSA	7	39
New York PMSA	9	20
Newark PMSA	6	37
Newport News MSA	14	63
Oakland PMSA	8	71
Oklahoma City MSA	5	36
Orange County PMSA	8	79
Philadelphia PMSA	6	40
Phoenix-Mesa MSA	8	54
Pittsburgh MSA	6	49
Portland-Vancouver PMSA	5	38
Providence-Fall River-Warwick MSA	3	16
Riverside-San Bernardino PMSA	9	41
Rochester MSA	9	41
Sacramento-Yolo CMSA	9	48
St. Louis MSA ¹	3	22
Salt Lake City-Ogden MSA	13	43
San Antonio MSA	9	52
San Diego MSA	8	91
San Francisco PMSA	8	77
San Jose PMSA	7	81
Seattle-Bellevue-Everett PMSA	11	56
Clearwater MSA	10	41
Washington D.C. PMSA	9	73
Cities:		
Baltimore	12	20
Chicago	6	21
Cleveland	12	31
Dallas	12	60
Detroit	9	23
District of Columbia	1	4
Houston	13	35
Indianapolis	11	70
Los Angeles	6	25
Milwaukee	12	30
New York	9	18
Philadelphia	7	23
Phoenix	8	40
St. Louis	13	40
San Antonio	9	59
San Diego	8	84
San Francisco	13	27

¹ Data do not reflect the official U.S. Office of Management and Budget definition. See appendix C.

Table B-2. Sampling errors at the 90-percent confidence level for estimated employment by Census region and division

(In thousands)

Census region and division	Estimated level											
	10	20	25	50	100	200	250	400	800	1,000	1,500	2,000
Northeast	6	8	9	12	18	25	28	35	49	55	67	77
New England	5	8	9	12	17	24	27	33	46	51	61	68
Middle Atlantic	6	8	9	13	18	25	28	35	50	55	67	77
Midwest	7	10	11	15	22	31	34	43	61	68	83	95
East North Central	7	10	11	15	22	31	35	44	61	68	83	95
West North Central	7	9	11	15	21	30	33	42	58	65	78	88
South	7	10	11	15	22	31	34	43	61	68	83	96
South Atlantic	7	10	11	15	21	30	34	43	60	67	82	94
East South Central	7	10	11	15	21	30	33	42	58	65	78	87
West South Central	7	10	11	16	22	32	35	45	62	69	84	96
West	6	8	9	13	19	26	30	37	52	59	71	82
Mountain	6	8	9	13	18	25	28	36	50	55	66	74
Pacific	6	8	9	13	19	27	30	38	53	59	72	82
	Estimated level											
	2,500	5,000	7,500	10,000	12,500	15,000	20,000	25,000	30,000	35,000	40,000	
Northeast	85	116	137	152	163	171	176	171	-	-	-	
New England	74	87	78	-	-	-	-	-	-	-	-	
Middle Atlantic	85	115	133	145	152	153	144	-	-	-	-	
Midwest	106	145	173	193	208	220	234	236	229	209	-	
East North Central	105	143	167	183	194	199	196	174	-	-	-	
West North Central	96	121	126	115	-	-	-	-	-	-	-	
South	107	149	178	202	221	237	261	278	288	291	289	
South Atlantic	104	141	166	184	196	203	206	194	-	-	-	
East South Central	95	117	117	97	-	-	-	-	-	-	-	
West South Central	106	140	158	166	165	155	-	-	-	-	-	
West	91	125	148	165	178	187	197	197	187	-	-	
Mountain	81	99	99	79	-	-	-	-	-	-	-	
Pacific	91	123	144	158	166	171	167	145	-	-	-	

Table B-3. Sampling errors at the 90-percent confidence level for estimated unemployment by Census region and division

(In thousands)

Census region and division	Estimated level							
	2	5	10	20	25	50	100	200
Northeast	2	3	4	5	6	8	12	16
New England	1	2	3	5	5	7	10	14
Middle Atlantic	2	3	4	5	6	8	12	17
Midwest	2	3	4	6	6	9	13	18
East North Central	2	3	4	6	6	9	13	18
West North Central	2	3	4	5	6	9	12	17
South	2	3	4	6	7	9	13	18
South Atlantic	2	3	4	6	6	9	13	18
East South Central	2	3	4	6	6	9	13	18
West South Central	2	3	4	6	7	9	13	19
West	2	3	4	6	7	9	13	19
Mountain	1	2	3	5	5	7	10	14
Pacific	2	3	4	6	7	10	14	20
	Estimated level							
	250	400	600	800	1,000	1,500	2,000	2,500
Northeast	18	23	28	32	36	44	—	—
New England	16	—	—	—	—	—	—	—
Middle Atlantic	19	23	29	33	37	—	—	—
Midwest	20	25	31	36	40	49	—	—
East North Central	20	26	31	36	40	—	—	—
West North Central	19	24	—	—	—	—	—	—
South	21	26	32	37	41	50	57	64
South Atlantic	20	26	32	36	41	49	—	—
East South Central	20	25	—	—	—	—	—	—
West South Central	21	26	32	37	—	—	—	—
West	21	27	32	37	42	51	58	—
Mountain	16	20	—	—	—	—	—	—
Pacific	22	28	34	39	44	53	—	—

Table B-4. Sampling errors at the 90-percent confidence level for estimated employment by State

(In thousands)

State	Estimated level											
	2	5	10	20	25	50	100	200	250	400	600	800
Alabama	3	5	6	9	10	14	20	28	31	38	45	51
Alaska	2	3	4	5	6	8	10	12	12	6	-	-
Arizona	3	4	6	9	10	14	19	27	30	37	44	49
Arkansas	2	3	4	6	6	9	13	17	19	23	26	28
California	3	4	6	8	9	13	19	27	30	38	46	53
Colorado	3	5	8	11	12	17	24	33	37	45	53	59
Connecticut	3	5	7	9	11	15	21	29	32	39	45	50
Delaware	1	2	3	4	4	6	8	10	10	9	-	-
District of Columbia	1	2	2	3	4	5	6	7	7	-	-	-
Florida	3	5	6	9	10	14	20	29	32	40	49	55
Georgia	3	5	7	9	11	15	21	29	33	41	49	56
Hawaii	1	2	3	4	5	7	9	13	13	15	14	-
Idaho	2	2	3	5	5	8	10	14	15	16	16	11
Illinois	3	4	6	8	9	13	19	26	29	37	45	51
Indiana	3	5	8	11	12	17	24	33	37	46	55	61
Iowa	2	3	5	7	8	11	15	21	23	28	33	35
Kansas	3	4	6	8	9	13	18	24	27	32	37	39
Kentucky	3	5	7	10	11	16	23	31	35	43	50	56
Louisiana	3	4	6	9	10	14	19	27	30	37	43	48
Maine	2	3	4	5	6	8	11	15	16	19	18	15
Maryland	3	5	7	10	11	15	21	30	33	41	49	55
Massachusetts	3	4	6	8	9	13	18	25	27	34	41	46
Michigan	3	5	7	9	10	15	21	29	32	40	49	56
Minnesota	3	5	7	11	12	17	23	33	36	45	53	59
Mississippi	2	4	5	7	8	11	16	22	24	29	33	36
Missouri	4	6	8	12	13	19	27	37	41	51	61	68
Montana	1	2	3	4	5	6	9	11	12	12	8	-
Nebraska	2	3	4	5	6	8	11	15	16	19	20	20
Nevada	2	3	4	6	6	9	12	17	18	22	23	23
New Hampshire	2	3	4	5	6	8	11	14	15	17	16	11
New Jersey	2	3	5	7	8	11	15	21	24	30	36	41
New Mexico	2	3	4	5	6	9	12	16	17	20	22	22
New York	3	4	6	9	10	14	19	27	30	38	46	53
North Carolina	3	5	7	9	10	15	20	29	32	40	48	54
North Dakota	1	2	3	4	5	6	9	10	11	8	-	-
Ohio	3	5	7	10	12	16	23	33	36	46	55	63
Oklahoma	2	4	5	7	8	11	16	22	24	30	35	38
Oregon	2	4	5	7	8	12	16	23	25	31	36	39
Pennsylvania	2	4	5	8	8	12	17	24	26	33	40	46
Rhode Island	1	2	3	4	5	6	9	11	12	13	10	-
South Carolina	3	4	6	8	9	13	18	25	28	34	40	44
South Dakota	1	2	3	4	5	6	8	10	11	10	-	-
Tennessee	3	5	7	10	11	16	23	31	35	43	52	58
Texas	3	6	8	11	12	17	25	35	39	49	59	68
Utah	2	3	5	7	8	11	15	20	22	26	29	29
Vermont	1	2	2	3	4	5	7	8	8	6	-	-
Virginia	4	6	9	13	14	20	28	40	44	55	66	74
Washington	3	5	7	10	11	15	22	30	33	42	50	56
West Virginia	2	3	4	6	7	10	13	18	20	23	26	26
Wisconsin	3	5	8	11	12	17	24	33	37	46	55	61
Wyoming	1	2	2	3	3	5	6	7	6	-	-	-

Appendix C.

Geographic Boundary Definitions

Table C-1 of this appendix lists the States composing the Census regions and divisions for which data are published in section I. Table C-2 provides the geographic definitions of the metropolitan areas for which data are published in section III. These data for metropolitan areas reflect the standards and definitions established by the U.S. Office of Management and Budget on June 30, 1993.¹

Effective December 22, 1987, the boundary of the St. Louis metropolitan statistical area was redefined to include the part of Sullivan City in Crawford County, Missouri. This change is not reflected in the data for St. Louis shown in this bulletin, although the addition of entire counties in 1993 is reflected.

Metropolitan areas

The general concept of a metropolitan area (MA) is that of a core area containing a large population nucleus, together with

adjacent communities that have a high degree of economic and social integration within that core.

A *Metropolitan Statistical Area (MSA)* consists of one or more counties and meets specified size criteria—either it contains a city of at least 50,000 inhabitants, or it contains an urbanized area of at least 50,000 inhabitants, and has a total population of at least 100,000.

A *Consolidated Metropolitan Statistical Area (CMSA)* is a metropolitan area that has a population of at least 1 million and which has been divided into two or more PMSAs (see below). The CMSA comprises the same geographic area as its constituent PMSAs.

A *Primary Metropolitan Statistical Area (PMSA)* is a sub-area within a CMSA. The designation of these sub-areas is based on specific criteria, including having a population of at least 100,000 that is at least 60 percent urban, and the support of local opinion. Areas that were designated separate metropolitan areas as of January 1, 1980, and are now part of a larger area, are designated as PMSAs unless local opinion does not support their continued separate designation for statistical purposes.

¹ The standards were published in the *Federal Register* on March 30, 1990; the definitions and a complete listing of the areas were published on June 30, 1993 in OMB release 93-17.

Table C-1. **State composition of the census regions and divisions**

Region and division	State
Northeast:	
New England	Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont
Middle Atlantic	New Jersey New York Pennsylvania
Midwest:	
East North Central	Illinois Indiana Michigan Ohio Wisconsin
West North Central	Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota
South:	
South Atlantic	Delaware District of Columbia Florida Georgia Maryland North Carolina South Carolina Virginia West Virginia
East South Central	Alabama Kentucky Mississippi Tennessee
West South Central ...	Arkansas Louisiana Oklahoma Texas
West:	
Mountain	Arizona Colorado Idaho Montana Nevada New Mexico Utah Wyoming
Pacific	Alaska California Hawaii Oregon Washington

Table C-2. **Geographic boundaries of metropolitan areas**

State and area	Type of area	Definition
Arizona		
Phoenix-Mesa	MSA	Maricopa and Pinal Counties
California		
Los Angeles-Long Beach	PMSA	Los Angeles County
Oakland	PMSA	Alameda and Contra Costa Counties
Orange County	PMSA	Orange County
Riverside-San Bernardino	PMSA	Riverside and San Bernardino Counties
Sacramento-Yolo	CMSA	El Dorado, Placer, Sacramento, and Yolo Counties
San Diego	MSA	San Diego County
San Francisco	PMSA	Marin, San Francisco, and San Mateo Counties
San Jose	PMSA	Santa Clara County
Colorado		
Denver-Boulder-Greeley	CMSA	Adams, Arapahoe, Boulder, Denver, Douglas, Jefferson, and Weld Counties
Connecticut		
Hartford	MSA	Bristol, Hartford, and New Britain cities and Avon, Berlin, Bloomfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Plainville, Rocky Hill, Simsbury, Southington, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Barkhamsted, Harwinton, New Hartford, Plymouth, and Winchester towns in Litchfield County; Middletown city and Cromwell, Durham, East Haddam, East Hampton, Haddam, Middlefield, and Portland towns in Middlesex County; Colchester and Lebanon towns in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Mansfield, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County; and Ashford, Chaplin, and Windham towns in Windham County
District of Columbia		
Washington	PMSA	District of Columbia; Calvert, Charles, Frederick, Montgomery, and Prince George's Counties, Md.; Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, and Manassas Park cities, and Arlington, Clarke, Culpeper, Fairfax, Fauquier, King George, Loudoun, Prince William, Spotsylvania, Stafford, and Warren Counties, Va.; Berkeley and Jefferson Counties, W.Va.
Florida		
Fort Lauderdale	PMSA	Broward County
Miami	PMSA	Miami-Dade County
Tampa-St. Petersburg-Clearwater	MSA	Hernando, Hillsborough, Pasco, and Pinellas Counties
Georgia		
Atlanta	MSA	Barrow, Bartow, Carroll, Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Pickens, Rockdale, Spalding, and Walton Counties
Illinois		
Chicago	PMSA	Cook, DeKalb, DuPage, Grundy, Kane, Kendall, Lake, McHenry, and Will Counties
Indiana		
Indianapolis	MSA	Boone, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, and Shelby Counties
Kentucky		
Louisville	MSA	Bullitt, Jefferson, and Oldham Counties, Ky.; Clark, Floyd, Harrison, and Scott Counties, Ind.
Louisiana		
New Orleans	MSA	Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St.

Table C-2. **Geographic boundaries of metropolitan areas**

State and area	Type of area	Definition
Maryland		John the Baptist, and St. Tammany Parishes
Baltimore	PMSA	Baltimore City and Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's Counties
Massachusetts		
Boston	PMSA	Taunton city and Berkley, Dighton, Mansfield, and Norton towns in Bristol County, Mass.; Beverly, Gloucester, Lynn, Newburyport, Peabody, and Salem cities and Amesbury, Danvers, Essex, Hamilton, Ipswich, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Newbury, Rockport, Rowley, Salisbury, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County, Mass.; Cambridge, Everett, Malden, Marlborough, Medford, Melrose, Newton, Somerville, Waltham, and Woburn cities and Acton, Arlington, Ashland, Ayer, Bedford, Belmont, Boxborough, Burlington, Carlisle, Concord, Framingham, Holliston, Hopkinton, Hudson, Lexington, Lincoln, Littleton, Maynard, Natick, North Reading, Reading, Sherborn, Shirley, Stoneham, Stow, Sudbury, Townsend, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County, Mass.; Quincy city and Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Franklin, Holbrook, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Plainville, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham towns in Norfolk County, Mass.; Carver, Duxbury, Hanover, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Plymouth, Rockland, Scituate, and Wareham towns in Plymouth County, Mass.; Boston, Chelsea, and Revere cities and Winthrop town in Suffolk County, Mass.; Berlin, Blackstone, Bolton, Harvard, Hopedale, Lancaster, Mendon, Milford, Millville, Southborough, and Upton towns in Worcester County, Mass.; and Seabrook and South Hampton towns in Rockingham County, N.H.
Michigan		
Detroit	PMSA	Lapeer, Macomb, Monroe, Oakland, St. Clair, and Wayne Counties
Minnesota		
Minneapolis-St. Paul	MSA	Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright Counties, Minn.; Pierce and St. Croix Counties, Wis.
Missouri		
Kansas City	MSA	Johnson, Leavenworth, Miami, and Wyandotte Counties, Kan.; Cass, Clay, Clinton, Jackson, Lafayette, Platte, and Ray Counties, Mo.
St. Louis	MSA ¹	Clinton, Jersey, Madison, Monroe, and St. Clair Counties, Ill.; St. Louis city and Franklin, Jefferson, Lincoln, St. Charles, St. Louis, and Warren Counties, Mo.
New Jersey		
Bergen-Passaic	PMSA	Bergen and Passaic Counties
Newark	PMSA	Essex, Morris, Sussex, Union, and Warren Counties
New York		
Buffalo-Niagara Falls	MSA	Erie and Niagara Counties
Nassau-Suffolk	PMSA	Nassau and Suffolk Counties
New York	PMSA	Bronx, Kings, New York, Putnam, Queens, Richmond, Rockland, and Westchester Counties
Rochester	MSA	Genesee, Livingston, Monroe, Ontario, Orleans, and Wayne Counties
North Carolina		
Charlotte-Gastonia-Rock Hill	MSA	Cabarrus, Gaston, Lincoln, Mecklenburg, Rowan, and Union Counties,

¹ This is not the official OMB definition of the St. Louis metropolitan statistical area. Excluded is the part of Sullivan City in Crawford County, Missouri.

Table C-2. **Geographic boundaries of metropolitan areas**

State and area	Type of area	Definition
Ohio		N.C.; York County, S.C.
Cincinnati	PMSA	Dearborn and Ohio Counties, Ind.; Boone, Campbell, Gallatin, Grant, Kenton, and Pendleton Counties, Ky.; and Brown, Clermont, Hamilton, and Warren Counties, Ohio
Cleveland-Lorain-Elyria	PMSA	Ashtabula, Cuyahoga, Geauga, Lake, Lorain, and Medina Counties
Columbus	MSA	Delaware, Fairfield, Franklin, Licking, Madison, and Pickaway Counties
Dayton-Springfield	MSA	Clark, Greene, Miami, and Montgomery Counties
Oklahoma		
Oklahoma City	MSA	Canadian, Cleveland, Logan, McClain, Oklahoma, and Pottawatomie Counties
Oregon		
Portland-Vancouver	PMSA	Clackamas, Columbia, Multnomah, Washington, and Yamhill Counties, Ore.; Clark County, Wash.
Pennsylvania		
Philadelphia	PMSA	Burlington, Camden, Gloucester, and Salem Counties, N.J.; Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.
Pittsburgh	MSA	Allegheny, Beaver, Butler, Fayette, Washington, and Westmoreland Counties
Rhode Island		
Providence-Fall River-Warwick	MSA	Attleboro and Fall River cities and North Attleboro, Rehoboth, Seekonk, Somerset, Swansea, and Westport towns in Bristol County, Mass.; Barrington, Bristol, and Warren towns in Bristol County, R.I.; Warwick city and Coventry, East Greenwich, West Greenwich, and West Warwick towns in Kent County, R.I.; Jamestown, Little Compton, and Tiverton towns in Newport County, R.I.; Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Foster, Gloucester, Johnston, Lincoln, North Providence, North Smithfield, Scituate, and Smithfield in Providence County, R.I.; Charlestown, Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown towns in Washington County, R.I.
Tennessee		
Memphis	MSA	Crittenden County, Ark.; DeSoto County, Miss.; and Fayette, Shelby, and Tipton Counties, Tenn.
Texas		
Dallas-Fort Worth	CMSA	Collin, Dallas, Denton, Ellis, Henderson, Hood, Hunt, Johnson, Kaufman, Parker, Rockwall, and Tarrant Counties
Houston	PMSA	Chambers, Fort Bend, Harris, Liberty, Montgomery, and Waller Counties
San Antonio	MSA	Bexar, Comal, Guadalupe, and Wilson Counties
Utah		
Salt Lake City-Ogden	MSA	Davis, Salt Lake, and Weber Counties
Virginia		
Norfolk-Virginia Beach-Newport News	MSA	Currituck County, N.C.; Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg cities and Gloucester, Isle of Wight, James City, Mathews, and York Counties, Va.
Washington		
Seattle-Bellevue-Everett	PMSA	Island, King, and Snohomish Counties
Wisconsin		
Milwaukee-Waukesha	PMSA	Milwaukee, Ozaukee, Washington, and Waukesha Counties