

Labor Force Characteristics by Race and Ethnicity, 2008



U.S. Department of Labor
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Labor Force Characteristics by Race and Ethnicity, 2008

Overview

Overall labor market conditions deteriorated markedly in 2008 following the onset of the recession in December 2007. Although individuals in all race and ethnicity groups experienced labor market difficulties, labor market problems for blacks or African Americans and Hispanics or Latinos were especially acute in 2008. For example, in 2008, the unemployment rate was 10.1 percent for blacks and 7.6 percent for Hispanics. These figures were considerably higher than the unemployment rates for whites and Asians, at 5.2 percent and 4.0 percent, respectively.

The labor market difficulties of blacks and Hispanics are associated with many factors, not all of which are measurable. Some of these factors are their lower average levels of schooling; their tendency to be employed in occupations with high levels of unemployment; their greater concentration in the central cities of urban areas, where job opportunities may be relatively limited; and the likelihood that they experience discrimination in the workplace. These and other factors may make it especially difficult for some black and Hispanic workers to find or keep jobs as the overall demand for labor contracts during economic downturns.

This report describes the labor force characteristics and earnings patterns among the major race and ethnicity groups and provides detailed data through a set of supporting tables. These data are obtained from the Current Population Survey (CPS), a monthly survey of 60,000 households that is a rich source of information on the labor force. For definitions of terms and concepts used in this report, see the Technical Note. For additional information about the CPS, see the explanatory note for the household survey online at http://www.bls.gov/cps/eetech_methods.pdf.

Labor force participation

- The overall labor force participation rate peaked at 67.1 percent in the late 1990s into 2000 and then began to trend down. The participation rate was 66.0 percent in 2008. (See tables 1 and 2.)
- Among the major race and ethnicity groups, Hispanics continued to have the highest labor force participation rate (68.5 percent) in 2008, while the participation rate for blacks was the lowest (63.7 percent). The participa-

tion rates for whites (66.3 percent) and Asians (67.0 percent) were roughly midway between the rates for blacks and Hispanics, continuing a long-term pattern. Compared with annual average data for 2007, the participation rates for whites and Hispanics were down slightly in 2008, while the rate for blacks held steady and the rate for Asians continued to trend up.

Employment

- In 2008, employment among the major race and ethnicity groups, with the exception of Asians, was lower than a year earlier. The employment-population ratios (the proportion of the population that is employed) for whites, blacks, and Hispanics fell over the year, reflecting the declines in employment. In 2008, the employment-population ratio for blacks was 57.3 percent, compared with 64.3 percent for Asians, 63.3 percent for Hispanics, and 62.8 percent for whites. This pattern of a relatively low employment-population ratio for blacks has persisted for decades. (See tables 1 and 3.)
- Among adult men (age 20 and older) in 2008, Hispanics had the highest employment-population ratio (78.6 percent), followed by Asians (75.6 percent) and whites (72.4 percent). The employment-population ratio for black men, at 63.9 percent, remained lower than the ratio for men in other groups in 2008, continuing a long-term pattern. Among adult women, Asians had the highest employment-population ratio, at 59.3 percent, followed by blacks (59.1 percent) and whites (57.7 percent). Unlike Hispanic men, the ratio for Hispanic women (54.6 percent) was lower than their Asian, black, and white counterparts. (See table 1.)
- Black, Asian, and Hispanic teenagers (ages 16 to 19) tend to have relatively low employment-population ratios compared with whites. In 2008, the ratios for black (20.2 percent), Asian (21.3 percent), and Hispanic teens (28.6 percent) were lower than that for white teens (35.9 percent). All teenage groups experienced declines in their employment-population ratios in 2008, reflecting—at least in part—the downturn in the economy.

Education

- In 2008, about 90 percent of blacks and Asians (25 years of age and older) in the labor force had received at least a high school diploma, the same proportion as whites. In contrast, about 68 percent of Hispanics had completed high school. Asians were most likely to have graduated from college; fifty-eight percent had a bachelor's degree or higher, compared with 34 percent of whites, 24 percent of blacks, and 16 percent of Hispanics. Although blacks and Hispanics were less likely than whites and Asians to have obtained a college degree, the proportion of college graduates for all groups has increased over time. (See table 4.)
- For all groups, higher levels of education are associated with a greater likelihood of being employed and a lower likelihood of being unemployed. Individuals with higher levels of education generally have better access to higher paying jobs—such as those in management, professional, and related occupations—than individuals with less education. Nonetheless, at nearly every level of education, blacks and Hispanics were more likely to be unemployed in 2008 than Asians or whites.

Occupation and industry

- Blacks and Hispanics are less likely to be in management, professional, and related occupations—the highest paying major job category—than whites and Asians. In 2008, half (50 percent) of Asian men worked in management, professional, and related occupations, compared with 34 percent of white men, 23 percent of black men, and 15 percent of Hispanic men. (See table 5.)
 - About 4 in 10 black men were employed in service jobs and sales and office jobs in 2008, while about 3 in 10 Hispanic, Asian, and white men were employed in the same occupations. Black men also were more likely than other men to work in production, transportation, and material moving occupations. In 2008, over one-half of Hispanic men were employed in two job groups—natural resources, construction, and maintenance occupations and production, transportation, and material moving occupations.
 - Among women, in 2008, Asians were more likely than other groups to be employed in management, professional, and related jobs. About 46 percent of Asian women were employed in this occupation group, compared with about 41 percent of white women, 31 percent of black women, and 24 percent of Hispanic women. In contrast, 64 percent of Hispanic women worked in service jobs and in sales and office jobs, compared with about 60 percent of black women, 53 percent of white women, and 46 percent of Asian women.
- Blacks made up 11 percent of all employed workers in 2008, but they accounted for about one-quarter or more of those in several specific occupations, including nursing aides (35 percent), security guards and bus drivers (about 30 percent each), and social workers (25 percent). Hispanics—who accounted for 14 percent of all workers—were substantially overrepresented in several job categories, including grounds maintenance workers (41 percent), maids and housekeeping cleaners (41 percent), and construction laborers (44 percent). Asians accounted for 5 percent of all employed workers but made up a much larger share of workers in several job categories, including computer software engineers (29 percent); physicians and surgeons (17 percent); and electrical, electronics, and electromechanical assemblers (18 percent). (See table 6.)
 - By industry, black workers were disproportionately represented, relative to other race and ethnicity groups, in education and health services, transportation and utilities, and public administration in 2008. Hispanic men were very heavily concentrated in construction (21 percent), as compared with white (14 percent), black (7 percent), and Asian (4 percent) men. Both Hispanic men and women were disproportionately employed in the leisure and hospitality sector. Asians were overrepresented in professional and business services, in manufacturing, and in leisure and hospitality. (See table 7.)

Families and mothers

- The likelihood of having an employed family member declined from 2007 to 2008 for white, black, and Hispanic families, and was little changed for Asian families. Asian families remained the most likely to have an employed family member (90 percent) in 2008, followed by Hispanic families (87 percent) and white families (82 percent). Black families remained the least likely to have an employed family member (78 percent). (See table 8.)
- In 2008, nearly one-half (44 percent) of black families and about one-quarter (24 percent) of Hispanic families were maintained by women (with no spouse present). About 12 percent of Asian families and 15 percent of white families were maintained by women. In general, families maintained by women are less likely to have an employed member than other families.
- Historically, black mothers with children under 18 have been more likely than white mothers with children under 18 to be in the labor force. In 2008, 76.7 percent of black mothers were labor force participants, compared with 70.8 percent of white mothers. In contrast, Hispanic women with children under 18

typically have lower levels of labor force participation than either black or white mothers. In 2008, 61.4 percent of Hispanic mothers were in the labor force. Asian mothers (68.8 percent) were more likely than Hispanic mothers to be in the labor force, but less likely than black or white mothers. Since 1996, the labor force participation rates of Hispanic mothers and black mothers have grown by 4.7 and 3.4 percentage points, respectively, while the rate for white mothers has remained about the same. (See table 9.)

Unemployment and not in the labor force

- Among the major race and ethnicity groups, blacks had the highest unemployment rate in 2008, at 10.1 percent, compared with 7.6 percent for Hispanics, 5.2 percent for whites, and 4.0 percent for Asians. Historically, the jobless rate for blacks generally has been at least twice that for whites, whereas the unemployment rate for Hispanics has hovered between the rates for whites and blacks. From 2007 to 2008, unemployment rates increased for all the major race and ethnicity groups. (See tables 1 and 10.)
- Higher unemployment rates for blacks and Hispanics occur across all major age and sex groups. In 2008, the rates for black adult men and women (age 20 and older) were 10.2 and 8.1 percent, respectively, compared with 6.8 and 6.9 percent for Hispanic adult men and women, respectively. The unemployment rates were 4.9 percent for white adult men and 4.4 percent for white adult women. The jobless rates for Asian adult men and women were 3.9 and 3.5 percent, respectively. (See table 1.)
- Teenagers (ages 16 to 19) are especially vulnerable to joblessness. In 2008, black teenagers had the highest unemployment rate among the major race and ethnicity groups at 31.2 percent, compared with 22.4 percent for Hispanics, 16.8 percent for whites, and 14.6 percent for Asians.
- Unemployed blacks have been jobless for longer periods than unemployed workers in other groups. In 2008, the median duration of unemployment for blacks was 12.1 weeks, compared with 10.2 weeks for Asians, 8.8 weeks for whites, and 8.4 weeks for Hispanics. (See table 11.)
- In 2008, more than half (53.7 percent) of unemployed workers (8.9 million) were job losers. Reentrants to the labor force (27.7 percent), job leavers (10.0 percent), and new entrants (8.6 percent) constituted the balance of unemployed persons. Over the year, the number of job losers who did not expect to be recalled to work (that is, not on temporary layoff) accounted for about four-fifths of the increase in unemployed job losers.

Between 2007 and 2008, the number of persons who were on temporary layoff increased among all the major race and ethnicity groups. (See table 12.)

- Black men are more likely than other men to be out of the labor force. Among men age 25 to 54, the proportion of blacks who did not participate in the labor force in 2008 was higher than that of whites, Asians, and Hispanics. Among women of the same age, the percentage of Hispanics not in the labor force was higher than that of whites, blacks, and Asians. (See table 13.)
- In 2008, blacks made up 11 percent of the civilian labor force, but 24 percent of persons marginally attached to the labor force. Persons marginally attached to the labor force are individuals who were not in the labor force, who wanted and were available for work, and who had looked for a job sometime in the previous 12 months—but not in the 4 weeks preceding the CPS. Hispanics and Asians were represented about proportionately among the marginally attached. Blacks also comprised a high proportion of discouraged workers (28 percent) in 2008. Discouraged workers, a subset of the marginally attached, are persons not currently looking for work because they believe no jobs are available for them.

Earnings

- Although blacks and Hispanics have attained higher levels of education and have moved into higher paying occupations, they still have considerably lower earnings than Asians or whites. In 2008, the median usual weekly earnings of full-time wage and salary workers were \$589 for blacks and \$529 for Hispanics, compared with \$861 for Asians and \$742 for whites. The earnings of black men (\$620) and Hispanic men (\$559) were 75 and 68 percent, respectively, of the earnings of white men (\$825). The earnings of black women (\$554) were 85 percent of the earnings of white women (\$654), a higher ratio than among black and white men. Median earnings for Hispanic women were \$501, about 77 percent of white women's earnings. (See tables 14 and 15.)
- For men, the earnings disparity between black or Hispanic workers and Asian or white workers holds steady across all major occupational groups. For example, in 2008, median usual weekly earnings of Asian men (\$1,403) and white men (\$1,255) working full time in management, professional, and related occupations were well above the earnings of Hispanic men (\$1,002) and black men (\$892) in the same occupations. This disparity is evident toward the other end of the earnings spectrum as well; Hispanic and black men employed in production, transportation, and material moving occupations had median earnings of \$514 and \$559

per week, respectively, which were less than the median earnings of their white (\$658) or Asian (\$585) counterparts. (See table 16.)

- Among women, the earnings gap is generally smaller than that for men, and, in some major occupational

categories, earnings levels are fairly close. In management, professional, and related occupations, for example, the earnings of black women (\$763) and Hispanic women (\$775) were around 85 percent of those of white women (\$900). In most occupational categories, Asian women had the highest earnings.

Table 1. **Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic or Latino ethnicity, 2008 annual averages**

(Numbers in thousands)

Employment status, sex, and age	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, both sexes					
Civilian noninstitutional population.....	233,788	189,540	27,843	10,751	32,141
Civilian labor force.....	154,287	125,635	17,740	7,202	22,024
Percent of population.....	66.0	66.3	63.7	67.0	68.5
Employed.....	145,362	119,126	15,953	6,917	20,346
Percent of population.....	62.2	62.8	57.3	64.3	63.3
Unemployed.....	8,924	6,509	1,788	285	1,678
Unemployment rate.....	5.8	5.2	10.1	4.0	7.6
Not in labor force.....	79,501	63,905	10,103	3,549	10,116
Men, 16 years and over					
Civilian noninstitutional population.....	113,113	92,725	12,516	5,112	16,524
Civilian labor force.....	82,520	68,351	8,347	3,852	13,255
Percent of population.....	73.0	73.7	66.7	75.3	80.2
Employed.....	77,486	64,624	7,398	3,692	12,248
Percent of population.....	68.5	69.7	59.1	72.2	74.1
Unemployed.....	5,033	3,727	949	160	1,007
Unemployment rate.....	6.1	5.5	11.4	4.1	7.6
Not in labor force.....	30,593	24,374	4,169	1,260	3,270
Men, 20 years and over					
Civilian noninstitutional population.....	104,453	86,056	11,194	4,787	14,971
Civilian labor force.....	79,047	65,483	7,962	3,767	12,629
Percent of population.....	75.7	76.1	71.1	78.7	84.4
Employed.....	74,750	62,304	7,151	3,621	11,769
Percent of population.....	71.6	72.4	63.9	75.6	78.6
Unemployed.....	4,297	3,179	811	146	860
Unemployment rate.....	5.4	4.9	10.2	3.9	6.8
Not in labor force.....	25,406	20,573	3,232	1,021	2,342
Women, 16 years and over					
Civilian noninstitutional population.....	120,675	96,814	15,328	5,639	15,616
Civilian labor force.....	71,767	57,284	9,393	3,350	8,769
Percent of population.....	59.5	59.2	61.3	59.4	56.2
Employed.....	67,876	54,501	8,554	3,225	8,098
Percent of population.....	56.2	56.3	55.8	57.2	51.9
Unemployed.....	3,891	2,782	839	125	672
Unemployment rate.....	5.4	4.9	8.9	3.7	7.7
Not in labor force.....	48,908	39,531	5,934	2,289	6,847
Women, 20 years and over					
Civilian noninstitutional population.....	112,260	90,400	13,974	5,333	14,127
Civilian labor force.....	68,382	54,508	8,991	3,278	8,274
Percent of population.....	60.9	60.3	64.3	61.5	58.6
Employed.....	65,039	52,124	8,260	3,162	7,707
Percent of population.....	57.9	57.7	59.1	59.3	54.6
Unemployed.....	3,342	2,384	732	116	567
Unemployment rate.....	4.9	4.4	8.1	3.5	6.9
Not in labor force.....	43,878	35,892	4,982	2,055	5,853
Both sexes, 16 to 19 years					
Civilian noninstitutional population.....	17,075	13,084	2,676	630	3,042
Civilian labor force.....	6,858	5,644	787	157	1,121
Percent of population.....	40.2	43.1	29.4	24.9	36.9
Employed.....	5,573	4,697	541	134	870
Percent of population.....	32.6	35.9	20.2	21.3	28.6
Unemployed.....	1,285	947	246	23	251
Unemployment rate.....	18.7	16.8	31.2	14.6	22.4
Not in labor force.....	10,218	7,440	1,889	473	1,921

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 2. Labor force participation rates by sex, race, and Hispanic or Latino ethnicity, 1972–2008 annual averages

(Percent)

Year	Total			White			Black or African American			Asian			Hispanic or Latino ethnicity		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1972.....	60.4	78.9	43.9	60.4	79.6	43.2	59.9	73.6	48.7	--	--	--	--	--	--
1973.....	60.8	78.8	44.7	60.8	79.4	44.1	60.2	73.4	49.3	--	--	--	60.2	81.5	41.0
1974.....	61.3	78.7	45.7	61.4	79.4	45.2	59.8	72.9	49.0	--	--	--	61.1	81.7	42.4
1975.....	61.2	77.9	46.3	61.5	78.7	45.9	58.8	70.9	48.8	--	--	--	60.8	80.7	43.2
1976.....	61.6	77.5	47.3	61.8	78.4	46.9	59.0	70.0	49.8	--	--	--	60.8	79.6	44.3
1977.....	62.3	77.7	48.4	62.5	78.5	48.0	59.8	70.6	50.8	--	--	--	61.6	80.9	44.3
1978.....	63.2	77.9	50.0	63.3	78.6	49.4	61.5	71.5	53.1	--	--	--	62.9	81.1	46.6
1979.....	63.7	77.8	50.9	63.9	78.6	50.5	61.4	71.3	53.1	--	--	--	63.6	81.3	47.4
1980.....	63.8	77.4	51.5	64.1	78.2	51.2	61.0	70.3	53.1	--	--	--	64.0	81.4	47.4
1981.....	63.9	77.0	52.1	64.3	77.9	51.9	60.8	70.0	53.5	--	--	--	64.1	80.6	48.3
1982.....	64.0	76.6	52.6	64.3	77.4	52.4	61.0	70.1	53.7	--	--	--	63.6	79.7	48.1
1983.....	64.0	76.4	52.9	64.3	77.1	52.7	61.5	70.6	54.2	--	--	--	63.8	80.3	47.7
1984.....	64.4	76.4	53.6	64.6	77.1	53.3	62.2	70.8	55.2	--	--	--	64.9	80.6	49.7
1985.....	64.8	76.3	54.5	65.0	77.0	54.1	62.9	70.8	56.5	--	--	--	64.6	80.4	49.3
1986.....	65.3	76.3	55.3	65.5	76.9	55.0	63.3	71.2	56.9	--	--	--	65.4	81.0	50.1
1987.....	65.6	76.2	56.0	65.8	76.8	55.7	63.8	71.1	58.0	--	--	--	66.4	81.0	52.0
1988.....	65.9	76.2	56.6	66.2	76.9	56.4	63.8	71.0	58.0	--	--	--	67.4	81.9	53.2
1989.....	66.5	76.4	57.4	66.7	77.1	57.2	64.2	71.0	58.7	--	--	--	67.6	82.0	53.5
1990.....	66.5	76.4	57.5	66.9	77.1	57.4	64.0	71.0	58.3	--	--	--	67.4	81.4	53.1
1991.....	66.2	75.8	57.4	66.6	76.5	57.4	63.3	70.4	57.5	--	--	--	66.5	80.3	52.4
1992.....	66.4	75.8	57.8	66.8	76.5	57.7	63.9	70.7	58.5	--	--	--	66.8	80.7	52.8
1993.....	66.3	75.4	57.9	66.8	76.2	58.0	63.2	69.6	57.9	--	--	--	66.2	80.2	52.1
1994.....	66.6	75.1	58.8	67.1	75.9	58.9	63.4	69.1	58.7	--	--	--	66.1	79.2	52.9
1995.....	66.6	75.0	58.9	67.1	75.7	59.0	63.7	69.0	59.5	--	--	--	65.8	79.1	52.6
1996.....	66.8	74.9	59.3	67.2	75.8	59.1	64.1	68.7	60.4	--	--	--	66.5	79.6	53.4
1997.....	67.1	75.0	59.8	67.5	75.9	59.5	64.7	68.3	61.7	--	--	--	67.9	80.1	55.1
1998.....	67.1	74.9	59.8	67.3	75.6	59.4	65.6	69.0	62.8	--	--	--	67.9	79.8	55.6
1999.....	67.1	74.7	60.0	67.3	75.6	59.6	65.8	68.7	63.5	--	--	--	67.7	79.8	55.9
2000.....	67.1	74.8	59.9	67.3	75.5	59.5	65.8	69.2	63.1	67.2	76.1	59.2	69.7	81.5	57.5
2001.....	66.8	74.4	59.8	67.0	75.1	59.4	65.3	68.4	62.8	67.2	76.2	59.0	69.5	81.0	57.6
2002.....	66.6	74.1	59.6	66.8	74.8	59.3	64.8	68.4	61.8	67.2	75.9	59.1	69.1	80.2	57.6
2003.....	66.2	73.5	59.5	66.5	74.2	59.2	64.3	67.3	61.9	66.4	75.6	58.3	68.3	80.1	55.9
2004.....	66.0	73.3	59.2	66.3	74.1	58.9	63.8	66.7	61.5	65.9	75.0	57.6	68.6	80.4	56.1
2005.....	66.0	73.3	59.3	66.3	74.1	58.9	64.2	67.3	61.6	66.1	74.8	58.2	68.0	80.1	55.3
2006.....	66.2	73.5	59.4	66.5	74.3	59.0	64.1	67.0	61.7	66.2	75.0	58.3	68.7	80.7	56.1
2007.....	66.0	73.2	59.3	66.4	74.0	59.0	63.7	66.8	61.1	66.5	75.1	58.6	68.8	80.5	56.5
2008.....	66.0	73.0	59.5	66.3	73.7	59.2	63.7	66.7	61.3	67.0	75.3	59.4	68.5	80.2	56.2

NOTE: Beginning in 2003, estimates for white, black or African American, and Asian race groups include persons who selected that race group only; previously, multiracial persons were included in the group they identified as the main race. Asian estimates for 2000–02 include Asian and Pacific Islanders; beginning in 2003, Asians are a separate category. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Dash indicates data not available.

Table 3. **Employment-population ratios by sex, race, and Hispanic or Latino ethnicity, 1972–2008 annual averages**

(Percent)

Year	Total			White			Black or African American			Asian			Hispanic or Latino ethnicity		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1972.....	57.0	75.0	41.0	57.4	76.0	40.7	53.7	66.8	43.0	--	--	--	--	--	--
1973.....	57.8	75.5	42.0	58.2	76.5	41.8	54.5	67.5	43.8	--	--	--	55.6	76.0	37.3
1974.....	57.8	74.9	42.6	58.3	75.9	42.4	53.5	65.8	43.5	--	--	--	56.2	75.7	38.4
1975.....	56.1	71.7	42.0	56.7	73.0	42.0	50.1	60.6	41.6	--	--	--	53.4	71.5	37.4
1976.....	56.8	72.0	43.2	57.5	73.4	43.2	50.8	60.6	42.8	--	--	--	53.8	71.1	38.6
1977.....	57.9	72.8	44.5	58.6	74.1	44.5	51.4	61.4	43.3	--	--	--	55.4	73.6	39.1
1978.....	59.3	73.8	46.4	60.0	75.0	46.3	53.6	63.3	45.8	--	--	--	57.2	74.9	41.3
1979.....	59.9	73.8	47.5	60.6	75.1	47.5	53.8	63.4	46.0	--	--	--	58.3	75.6	42.5
1980.....	59.2	72.0	47.7	60.0	73.4	47.8	52.3	60.4	45.7	--	--	--	57.6	73.5	42.4
1981.....	59.0	71.3	48.0	60.0	72.8	48.3	51.3	59.1	45.1	--	--	--	57.4	72.4	43.0
1982.....	57.8	69.0	47.7	58.8	70.6	48.1	49.4	56.0	44.2	--	--	--	54.9	68.9	41.3
1983.....	57.9	68.8	48.0	58.9	70.4	48.5	49.5	56.3	44.1	--	--	--	55.1	69.4	41.1
1984.....	59.5	70.7	49.5	60.5	72.1	49.8	52.3	59.2	46.7	--	--	--	57.9	72.1	44.2
1985.....	60.1	70.9	50.4	61.0	72.3	50.7	53.4	60.0	48.1	--	--	--	57.8	72.1	43.8
1986.....	60.7	71.0	51.4	61.5	72.3	51.7	54.1	60.6	48.8	--	--	--	58.5	72.5	44.7
1987.....	61.5	71.5	52.5	62.3	72.7	52.8	55.6	62.0	50.3	--	--	--	60.5	74.0	47.4
1988.....	62.3	72.0	53.4	63.1	73.2	53.8	56.3	62.7	51.2	--	--	--	61.9	75.3	48.8
1989.....	63.0	72.5	54.3	63.8	73.7	54.6	56.9	62.8	52.0	--	--	--	62.2	75.8	48.8
1990.....	62.8	72.0	54.3	63.7	73.3	54.7	56.7	62.6	51.9	--	--	--	61.9	74.9	48.6
1991.....	61.7	70.4	53.7	62.6	71.6	54.2	55.4	61.3	50.6	--	--	--	59.8	72.1	47.3
1992.....	61.5	69.8	53.8	62.4	71.1	54.2	54.9	59.9	50.8	--	--	--	59.1	71.2	46.8
1993.....	61.7	70.0	54.1	62.7	71.4	54.6	55.0	60.0	50.9	--	--	--	59.1	71.7	46.3
1994.....	62.5	70.4	55.3	63.5	71.8	55.8	56.1	60.8	52.3	--	--	--	59.5	71.7	47.2
1995.....	62.9	70.8	55.6	63.8	72.0	56.1	57.1	61.7	53.4	--	--	--	59.7	72.1	47.3
1996.....	63.2	70.9	56.0	64.1	72.3	56.3	57.4	61.1	54.4	--	--	--	60.6	73.3	47.9
1997.....	63.8	71.3	56.8	64.6	72.7	57.0	58.2	61.4	55.6	--	--	--	62.6	74.5	50.2
1998.....	64.1	71.6	57.1	64.7	72.7	57.1	59.7	62.9	57.2	--	--	--	63.1	74.7	51.0
1999.....	64.3	71.6	57.4	64.8	72.8	57.3	60.6	63.1	58.6	--	--	--	63.4	75.3	51.7
2000.....	64.4	71.9	57.5	64.9	73.0	57.4	60.9	63.6	58.6	64.8	73.3	57.1	65.7	77.4	53.6
2001.....	63.7	70.9	57.0	64.2	72.0	57.0	59.7	62.1	57.8	64.2	72.7	56.4	64.9	76.2	53.3
2002.....	62.7	69.7	56.3	63.4	70.8	56.4	58.1	61.1	55.8	63.2	71.3	55.8	63.9	74.5	52.9
2003.....	62.3	68.9	56.1	63.0	70.1	56.3	57.4	59.5	55.6	62.4	70.9	54.9	63.1	74.3	51.2
2004.....	62.3	69.2	56.0	63.1	70.4	56.1	57.2	59.3	55.5	63.0	71.6	55.1	63.8	75.1	51.8
2005.....	62.7	69.6	56.2	63.4	70.8	56.3	57.7	60.2	55.7	63.4	71.8	55.9	64.0	75.8	51.5
2006.....	63.1	70.1	56.6	63.8	71.3	56.6	58.4	60.6	56.5	64.2	72.7	56.5	65.2	76.8	52.8
2007.....	63.0	69.8	56.6	63.6	70.9	56.7	58.4	60.7	56.5	64.3	72.8	56.6	64.9	76.2	53.0
2008.....	62.2	68.5	56.2	62.8	69.7	56.3	57.3	59.1	55.8	64.3	72.2	57.2	63.3	74.1	51.9

NOTE: Beginning in 2003, estimates for white, black or African American, and Asian race groups include persons who selected that race group only; previously, multiracial persons were included in the group they identified as the main race. Asian estimates for 2000–02 include Asian and Pacific Islanders; beginning in 2003, Asians are a separate category. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Dash indicates data not available.

Table 4. **Employment status of persons 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages**

(Numbers in thousands)

Employment status, sex, race, and Hispanic or Latino ethnicity	Total, 25 years and over	Less than a high school diploma	High school graduates, no college	Some college, no degree	Associate degree	Bachelor's degree and higher
Total						
Civilian noninstitutional population.....	196,304	26,122	61,115	33,493	17,611	57,962
Civilian labor force.....	132,255	12,166	38,263	23,268	13,449	45,108
Percent of population.....	67.4	46.6	62.6	69.5	76.4	77.8
Employed.....	126,161	11,073	36,097	22,092	12,948	43,951
Employment-population ratio.....	64.3	42.4	59.1	66.0	73.5	75.8
Unemployed.....	6,094	1,092	2,166	1,176	502	1,158
Unemployment rate.....	4.6	9.0	5.7	5.1	3.7	2.6
Men						
Civilian noninstitutional population.....	94,204	12,990	29,298	15,631	7,620	28,665
Civilian labor force.....	70,982	7,790	21,364	11,959	6,258	23,612
Percent of population.....	75.3	60.0	72.9	76.5	82.1	82.4
Employed.....	67,605	7,108	20,093	11,356	6,021	23,027
Employment-population ratio.....	71.8	54.7	68.6	72.6	79.0	80.3
Unemployed.....	3,377	682	1,270	603	236	585
Unemployment rate.....	4.8	8.8	5.9	5.0	3.8	2.5
Women						
Civilian noninstitutional population.....	102,100	13,133	31,817	17,862	9,991	29,297
Civilian labor force.....	61,273	4,376	16,899	11,310	7,191	21,497
Percent of population.....	60.0	33.3	53.1	63.3	72.0	73.4
Employed.....	58,555	3,965	16,004	10,737	6,926	20,924
Employment-population ratio.....	57.4	30.2	50.3	60.1	69.3	71.4
Unemployed.....	2,717	410	896	573	265	573
Unemployment rate.....	4.4	9.4	5.3	5.1	3.7	2.7
White						
Civilian noninstitutional population.....	160,541	20,653	50,101	27,281	14,597	47,910
Civilian labor force.....	107,849	9,843	31,065	18,713	11,113	37,115
Percent of population.....	67.2	47.7	62.0	68.6	76.1	77.5
Employed.....	103,373	9,036	29,495	17,873	10,742	36,228
Employment-population ratio.....	64.4	43.8	58.9	65.5	73.6	75.6
Unemployed.....	4,475	807	1,570	840	371	888
Unemployment rate.....	4.1	8.2	5.1	4.5	3.3	2.4
Men						
Civilian noninstitutional population.....	77,984	10,566	24,180	12,883	6,378	23,977
Civilian labor force.....	58,957	6,590	17,668	9,829	5,249	19,620
Percent of population.....	75.6	62.4	73.1	76.3	82.3	81.8
Employed.....	56,446	6,066	16,741	9,397	5,070	19,171
Employment-population ratio.....	72.4	57.4	69.2	72.9	79.5	80.0
Unemployed.....	2,511	524	927	433	179	449
Unemployment rate.....	4.3	7.9	5.2	4.4	3.4	2.3
Women						
Civilian noninstitutional population.....	82,558	10,086	25,922	14,398	8,218	23,933
Civilian labor force.....	48,892	3,253	13,396	8,883	5,864	17,495
Percent of population.....	59.2	32.3	51.7	61.7	71.4	73.1
Employed.....	46,928	2,970	12,753	8,477	5,672	17,056
Employment-population ratio.....	56.8	29.4	49.2	58.9	69.0	71.3
Unemployed.....	1,964	284	643	407	192	439
Unemployment rate.....	4.0	8.7	4.8	4.6	3.3	2.5

See note at end of table.

Table 4. **Employment status of persons 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages—Continued**

(Numbers in thousands)

Employment status, sex, race, and Hispanic or Latino ethnicity	Total, 25 years and over	Less than a high school diploma	High school graduates, no college	Some college, no degree	Associate degree	Bachelor's degree and higher
Black or African American						
Civilian noninstitutional population.....	22,254	3,629	7,918	4,379	1,956	4,372
Civilian labor force.....	14,973	1,443	5,200	3,232	1,533	3,564
Percent of population.....	67.3	39.8	65.7	73.8	78.4	81.5
Employed.....	13,786	1,234	4,719	2,972	1,439	3,423
Employment-population ratio.....	62.0	34.0	59.6	67.9	73.6	78.3
Unemployed.....	1,187	209	482	260	95	141
Unemployment rate.....	7.9	14.5	9.3	8.0	6.2	4.0
Men						
Civilian noninstitutional population.....	9,810	1,645	3,684	1,862	767	1,852
Civilian labor force.....	6,978	730	2,636	1,420	617	1,575
Percent of population.....	71.1	44.4	71.6	76.2	80.5	85.0
Employed.....	6,357	616	2,358	1,296	579	1,508
Employment-population ratio.....	64.8	37.5	64.0	69.6	75.6	81.4
Unemployed.....	621	114	278	124	37	67
Unemployment rate.....	8.9	15.6	10.6	8.7	6.1	4.2
Women						
Civilian noninstitutional population.....	12,444	1,983	4,234	2,517	1,189	2,520
Civilian labor force.....	7,995	713	2,564	1,812	917	1,990
Percent of population.....	64.2	35.9	60.6	72.0	77.1	79.0
Employed.....	7,429	617	2,361	1,676	859	1,915
Employment-population ratio.....	59.7	31.1	55.8	66.6	72.3	76.0
Unemployed.....	566	95	203	136	57	74
Unemployment rate.....	7.1	13.4	7.9	7.5	6.3	3.7
Asian						
Civilian noninstitutional population.....	9,248	1,028	1,847	879	639	4,856
Civilian labor force.....	6,518	469	1,190	626	477	3,757
Percent of population.....	70.5	45.7	64.4	71.2	74.7	77.4
Employed.....	6,290	439	1,139	602	459	3,651
Employment-population ratio.....	68.0	42.8	61.6	68.5	71.9	75.2
Unemployed.....	229	30	51	24	18	106
Unemployment rate.....	3.5	6.4	4.3	3.8	3.8	2.8
Men						
Civilian noninstitutional population.....	4,358	372	805	438	286	2,459
Civilian labor force.....	3,498	221	603	346	236	2,093
Percent of population.....	80.3	59.4	74.9	79.0	82.5	85.1
Employed.....	3,370	203	577	330	225	2,035
Employment-population ratio.....	77.3	54.6	71.8	75.4	78.7	82.8
Unemployed.....	128	18	26	16	11	58
Unemployment rate.....	3.7	8.0	4.2	4.6	4.7	2.8
Women						
Civilian noninstitutional population.....	4,890	656	1,043	441	353	2,397
Civilian labor force.....	3,020	248	587	280	241	1,664
Percent of population.....	61.8	37.9	56.3	63.4	68.4	69.4
Employed.....	2,920	236	562	272	234	1,616
Employment-population ratio.....	59.7	36.0	53.8	61.6	66.4	67.4
Unemployed.....	101	12	25	8	7	48
Unemployment rate.....	3.3	4.9	4.3	2.8	2.9	2.9

See note at end of table.

Table 4. **Employment status of persons 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages—Continued**

(Numbers in thousands)

Employment status, sex, race, and Hispanic or Latino ethnicity	Total, 25 years and over	Less than a high school diploma	High school graduates, no college	Some college, no degree	Associate degree	Bachelor's degree and higher
Hispanic or Latino ethnicity						
Civilian noninstitutional population.....	25,479	9,555	7,526	3,371	1,612	3,414
Civilian labor force.....	18,235	5,911	5,576	2,627	1,288	2,833
Percent of population.....	71.6	61.9	74.1	77.9	79.9	83.0
Employed.....	17,115	5,426	5,232	2,484	1,236	2,736
Employment-population ratio.....	67.2	56.8	69.5	73.7	76.7	80.1
Unemployed.....	1,120	485	344	142	52	97
Unemployment rate.....	6.1	8.2	6.2	5.4	4.1	3.4
Men						
Civilian noninstitutional population.....	13,081	5,025	3,986	1,677	732	1,660
Civilian labor force.....	11,035	4,021	3,444	1,448	633	1,489
Percent of population.....	84.4	80.0	86.4	86.3	86.5	89.7
Employed.....	10,363	3,714	3,231	1,371	607	1,439
Employment-population ratio.....	79.2	73.9	81.1	81.8	82.9	86.7
Unemployed.....	672	307	213	77	26	50
Unemployment rate.....	6.1	7.6	6.2	5.3	4.1	3.3
Women						
Civilian noninstitutional population.....	12,398	4,530	3,541	1,694	879	1,754
Civilian labor force.....	7,200	1,889	2,132	1,179	655	1,344
Percent of population.....	58.1	41.7	60.2	69.6	74.5	76.6
Employed.....	6,752	1,712	2,001	1,113	629	1,297
Employment-population ratio.....	54.5	37.8	56.5	65.7	71.6	73.9
Unemployed.....	448	178	131	65	26	47
Unemployment rate.....	6.2	9.4	6.2	5.6	4.0	3.5

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 5. Employed persons by occupation, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages

Occupation and sex	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over (thousands).....	145,362	119,126	15,953	6,917	20,346
Percent.....	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations.....	36.3	37.0	27.4	48.2	18.3
Management, business, and financial operations.....	15.2	15.9	10.0	16.5	8.1
Management occupations.....	10.9	11.6	6.3	10.6	5.7
Business and financial operations occupations.....	4.3	4.3	3.7	5.9	2.4
Professional and related occupations.....	21.1	21.1	17.4	31.7	10.2
Computer and mathematical occupations.....	2.5	2.3	1.7	8.9	.9
Architecture and engineering occupations.....	2.0	2.1	.9	4.1	1.0
Life, physical, and social science occupations.....	.9	.9	.6	2.3	.3
Community and social services occupations.....	1.6	1.5	2.7	.8	1.0
Legal occupations.....	1.1	1.2	.7	.7	.5
Education, training, and library occupations.....	5.9	6.2	5.0	4.8	3.2
Arts, design, entertainment, sports, and media occupations.....	1.9	2.1	1.1	1.7	1.2
Healthcare practitioner and technical occupations.....	5.1	5.0	4.7	8.5	2.1
Service occupations.....	16.8	15.7	24.4	16.3	24.2
Healthcare support occupations.....	2.2	1.8	5.2	2.0	2.1
Protective service occupations.....	2.1	2.0	3.7	.8	1.6
Food preparation and serving related occupations.....	5.4	5.2	5.9	6.1	8.1
Building and grounds cleaning and maintenance occupations.....	3.7	3.6	5.1	2.2	9.0
Personal care and service occupations.....	3.4	3.1	4.5	5.2	3.4
Sales and office occupations.....	24.5	24.5	25.5	21.5	21.4
Sales and related occupations.....	11.2	11.4	9.9	11.1	9.3
Office and administrative support occupations.....	13.2	13.1	15.7	10.4	12.1
Natural resources, construction, and maintenance occupations.....	10.2	11.0	6.4	4.1	18.2
Farming, fishing, and forestry occupations.....	.7	.7	.3	.2	1.9
Construction and extraction occupations.....	6.0	6.5	3.4	1.8	12.6
Installation, maintenance, and repair occupations.....	3.5	3.7	2.7	2.1	3.7
Production, transportation, and material moving occupations.....	12.2	11.9	16.2	9.9	17.8
Production occupations.....	6.2	6.1	6.9	6.7	9.3
Transportation and material moving occupations.....	6.1	5.8	9.3	3.2	8.5

See note at end of table.

Table 5. Employed persons by occupation, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages—Continued

Occupation and sex	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Men, 16 years and over (thousands).....	77,486	64,624	7,398	3,692	12,248
Percent.....	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations.....	33.5	34.0	23.0	50.1	14.8
Management, business, and financial operations.....	16.3	17.2	9.6	16.6	7.7
Management occupations.....	12.8	13.6	7.1	12.2	6.0
Business and financial operations occupations.....	3.5	3.6	2.5	4.4	1.6
Professional and related occupations.....	17.2	16.8	13.3	33.5	7.2
Computer and mathematical occupations.....	3.6	3.2	2.4	12.7	1.2
Architecture and engineering occupations.....	3.3	3.3	1.7	6.1	1.4
Life, physical, and social science occupations.....	.9	.9	.6	2.5	.3
Community and social services occupations.....	1.2	1.1	2.3	.7	.6
Legal occupations.....	1.0	1.1	.5	.6	.3
Education, training, and library occupations.....	2.9	2.9	2.4	3.5	1.2
Arts, design, entertainment, sports, and media occupations.....	1.9	2.0	1.4	1.7	1.1
Healthcare practitioner and technical occupations.....	2.4	2.3	2.0	5.6	1.1
Service occupations.....	13.5	12.6	20.1	13.6	19.6
Healthcare support occupations.....	.5	.3	1.3	.8	.4
Protective service occupations.....	3.0	2.9	4.9	1.1	2.2
Food preparation and serving related occupations.....	4.4	4.1	5.9	6.7	7.5
Building and grounds cleaning and maintenance occupations.....	4.2	4.0	5.9	2.5	8.3
Personal care and service occupations.....	1.4	1.2	2.1	2.6	1.2
Sales and office occupations.....	16.9	16.7	18.2	17.5	13.9
Sales and related occupations.....	10.6	10.9	8.4	10.9	7.5
Office and administrative support occupations.....	6.3	5.8	9.8	6.6	6.4
Natural resources, construction, and maintenance occupations.....	18.3	19.4	13.0	7.2	29.1
Farming, fishing, and forestry occupations.....	1.0	1.1	.5	.3	2.6
Construction and extraction occupations.....	10.9	11.7	7.0	3.2	20.7
Installation, maintenance, and repair occupations.....	6.4	6.6	5.6	3.7	5.9
Production, transportation, and material moving occupations.....	17.8	17.3	25.7	11.6	22.6
Production occupations.....	8.1	8.1	9.2	6.8	10.6
Transportation and material moving occupations.....	9.7	9.2	16.5	4.9	12.0

See note at end of table.

**Table 5. Employed persons by occupation, sex, race, and Hispanic or Latino ethnicity:
2008 annual averages—Continued**

Occupation and sex	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Women, 16 years and over (thousands).....	67,876	54,501	8,554	3,225	8,098
Percent.....	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations.....	39.5	40.6	31.3	46.0	23.5
Management, business, and financial operations.....	13.9	14.3	10.4	16.4	8.8
Management occupations.....	8.7	9.3	5.7	8.8	5.2
Business and financial operations occupations.....	5.1	5.1	4.7	7.6	3.6
Professional and related occupations.....	25.6	26.3	20.9	29.7	14.7
Computer and mathematical occupations.....	1.3	1.2	1.1	4.4	.6
Architecture and engineering occupations.....	.6	.6	.2	1.7	.3
Life, physical, and social science occupations.....	.9	.9	.5	2.0	.3
Community and social services occupations.....	2.0	1.9	3.1	.9	1.7
Legal occupations.....	1.3	1.4	1.0	.8	.9
Education, training, and library occupations.....	9.4	10.0	7.2	6.2	6.0
Arts, design, entertainment, sports, and media occupations.....	2.0	2.2	.8	1.6	1.2
Healthcare practitioner and technical occupations.....	8.1	8.1	7.0	11.9	3.8
Service occupations.....	20.6	19.3	28.2	19.4	31.3
Healthcare support occupations.....	4.2	3.5	8.5	3.4	4.8
Protective service occupations.....	1.0	.8	2.6	.4	.8
Food preparation and serving related occupations.....	6.5	6.5	6.0	5.5	8.9
Building and grounds cleaning and maintenance occupations.....	3.2	3.1	4.5	1.9	10.0
Personal care and service occupations.....	5.7	5.4	6.6	8.3	6.8
Sales and office occupations.....	33.1	33.7	31.9	26.1	32.9
Sales and related occupations.....	11.9	12.0	11.1	11.4	12.1
Office and administrative support occupations.....	21.2	21.7	20.7	14.7	20.7
Natural resources, construction, and maintenance occupations.....	.9	.9	.7	.6	1.7
Farming, fishing, and forestry occupations.....	.3	.3	.1	.2	.9
Construction and extraction occupations.....	.3	.3	.3	.1	.4
Installation, maintenance, and repair occupations.....	.3	.3	.3	.3	.4
Production, transportation, and material moving occupations.....	5.9	5.4	7.9	7.8	10.6
Production occupations.....	3.9	3.6	4.8	6.6	7.4
Transportation and material moving occupations.....	1.9	1.8	3.1	1.2	3.2

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 6. Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over	145,362	82.0	11.0	4.8	14.0
Management, professional, and related occupations	52,761	83.6	8.3	6.3	7.1
Management, business, and financial operations.....	22,059	85.9	7.2	5.2	7.5
Management occupations	15,852	87.3	6.4	4.6	7.3
Chief executives	1,655	90.8	3.9	4.0	4.8
General and operations managers	985	89.2	5.4	4.3	6.2
Legislators	23	(¹)	(¹)	(¹)	(¹)
Advertising and promotions managers.....	77	84.4	7.6	5.8	9.7
Marketing and sales managers	922	89.4	4.9	4.1	6.2
Public relations managers	64	90.6	3.5	(²)	5.4
Administrative services managers	100	86.0	8.9	2.3	5.7
Computer and information systems managers	475	80.0	7.7	10.2	5.3
Financial managers	1,168	85.1	7.9	5.7	8.6
Human resources managers	293	86.3	8.2	4.0	7.3
Industrial production managers	243	89.7	4.9	3.8	9.6
Purchasing managers	193	83.9	12.9	2.5	3.7
Transportation, storage, and distribution managers.....	239	88.7	7.7	1.7	12.7
Farm, ranch, and other agricultural managers.....	217	95.9	.9	1.7	4.6
Farmers and ranchers	751	97.6	1.0	.7	2.4
Construction managers	1,244	93.3	3.7	1.4	9.1
Education administrators	829	83.7	12.2	2.6	7.6
Engineering managers	109	87.2	1.1	8.0	4.9
Food service managers	1,039	79.0	7.3	11.8	12.9
Funeral directors	45	(¹)	(¹)	(¹)	(¹)
Gaming managers	18	(¹)	(¹)	(¹)	(¹)
Lodging managers	177	80.8	5.5	12.2	9.1
Medical and health services managers.....	561	83.8	10.1	4.2	7.3
Natural sciences managers	15	(¹)	(¹)	(¹)	(¹)
Postmasters and mail superintendents.....	41	(¹)	(¹)	(¹)	(¹)
Property, real estate, and community association managers	558	87.8	7.7	3.1	8.2
Social and community service managers	338	84.3	10.1	2.2	7.7
Managers, all other	3,473	86.0	6.8	5.3	7.6
Business and financial operations occupations.....	6,207	82.1	9.4	6.5	7.9
Agents and business managers of artists, performers, and athletes.....	50	88.0	5.8	4.8	6.5
Purchasing agents and buyers, farm products.....	6	(¹)	(¹)	(¹)	(¹)
Wholesale and retail buyers, except farm products.....	191	82.7	7.6	6.1	12.2
Purchasing agents, except wholesale, retail, and farm products.....	264	87.1	6.7	4.8	11.2
Claims adjusters, appraisers, examiners, and investigators.....	312	80.4	14.6	3.6	7.6
Compliance officers, except agriculture, construction, health and safety, and transportation.....	179	88.3	7.9	3.1	6.4
Cost estimators.....	100	98.0	.7	1.2	5.3
Human resources, training, and labor relations specialists	803	79.2	14.0	3.5	7.9
Logisticians.....	50	82.0	12.3	5.5	12.2
Management analysts	731	86.6	6.2	5.8	4.6
Meeting and convention planners.....	55	78.2	14.0	4.1	6.2
Other business operations specialists	254	76.0	12.2	9.2	10.0

See notes at end of table.

Table 6. **Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages**
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Accountants and auditors	1,762	79.9	8.3	10.2	7.6
Appraisers and assessors of real estate.....	102	90.2	5.2	2.0	7.2
Budget analysts.....	64	71.9	17.5	8.3	5.0
Credit analysts	20	(¹)	(¹)	(¹)	(¹)
Financial analysts.....	110	80.0	6.0	12.9	9.8
Personal financial advisors.....	430	86.5	5.9	5.9	6.1
Insurance underwriters.....	82	79.3	13.3	5.5	7.1
Financial examiners.....	7	(¹)	(¹)	(¹)	(¹)
Loan counselors and officers.....	392	82.9	10.6	4.4	11.5
Tax examiners, collectors, and revenue agents.....	58	72.4	19.7	4.2	4.4
Tax preparers.....	105	84.8	9.1	5.7	12.6
Financial specialists, all other.....	78	71.8	20.6	5.3	14.9
Professional and related occupations.....	30,702	81.9	9.0	7.1	6.7
Computer and mathematical occupations.....	3,676	74.3	7.2	16.7	5.1
Computer scientists and systems analysts.....	837	75.0	9.7	13.7	5.3
Computer programmers.....	534	77.9	5.7	14.1	4.0
Computer software engineers.....	1,034	64.8	4.7	29.0	3.7
Computer support specialists.....	382	78.0	11.1	8.2	7.9
Database administrators.....	93	80.6	6.3	13.5	3.8
Network and computer systems administrators.....	227	79.7	8.0	9.8	7.4
Network systems and data communications analysts.....	422	82.0	7.1	9.2	6.4
Actuaries.....	26	(¹)	(¹)	(¹)	(¹)
Mathematicians.....	3	(¹)	(¹)	(¹)	(¹)
Operations research analysts.....	75	86.7	8.6	4.1	8.3
Statisticians.....	41	(¹)	(¹)	(¹)	(¹)
Miscellaneous mathematical science occupations.....	3	(¹)	(¹)	(¹)	(¹)
Architecture and engineering occupations.....	2,931	83.5	5.1	9.6	6.7
Architects, except naval.....	233	88.8	3.3	6.1	8.2
Surveyors, cartographers, and photogrammetrists.....	49	(¹)	(¹)	(¹)	(¹)
Aerospace engineers.....	137	81.0	6.1	11.1	5.0
Agricultural engineers.....	3	(¹)	(¹)	(¹)	(¹)
Biomedical engineers.....	9	(¹)	(¹)	(¹)	(¹)
Chemical engineers.....	64	81.3	9.5	8.6	.5
Civil engineers.....	346	83.5	3.2	11.2	9.2
Computer hardware engineers.....	69	65.2	3.0	30.7	4.1
Electrical and electronics engineers.....	350	81.7	3.0	13.4	5.3
Environmental engineers.....	37	(¹)	(¹)	(¹)	(¹)
Industrial engineers, including health and safety.....	177	84.7	5.9	7.6	5.2
Marine engineers and naval architects.....	17	(¹)	(¹)	(¹)	(¹)
Materials engineers.....	40	(¹)	(¹)	(¹)	(¹)
Mechanical engineers.....	318	84.0	4.5	10.6	4.1
Mining and geological engineers, including mining safety engineers.....	10	(¹)	(¹)	(¹)	(¹)
Nuclear engineers.....	9	(¹)	(¹)	(¹)	(¹)
Petroleum engineers.....	18	(¹)	(¹)	(¹)	(¹)
Engineers, all other.....	363	82.4	4.7	11.7	4.5
Drafters.....	162	85.8	3.0	7.2	9.0
Engineering technicians, except drafters.....	416	81.0	10.9	5.4	10.3

See notes at end of table.

**Table 6. Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages
—Continued**

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Surveying and mapping technicians.....	105	94.3	1.5	1.2	8.0
Life, physical, and social science occupations.....	1,307	78.8	7.1	12.0	4.7
Agricultural and food scientists.....	38	(¹)	(¹)	(¹)	(¹)
Biological scientists.....	101	79.2	4.2	13.3	3.9
Conservation scientists and foresters.....	24	(¹)	(¹)	(¹)	(¹)
Medical scientists.....	132	64.4	8.1	24.8	2.7
Astronomers and physicists.....	19	(¹)	(¹)	(¹)	(¹)
Atmospheric and space scientists.....	10	(¹)	(¹)	(¹)	(¹)
Chemists and materials scientists.....	118	71.2	4.7	22.3	6.9
Environmental scientists and geoscientists.....	85	91.8	4.0	2.7	4.1
Physical scientists, all other.....	136	65.4	6.1	27.8	1.7
Economists.....	19	(¹)	(¹)	(¹)	(¹)
Market and survey researchers.....	134	88.8	5.7	3.3	5.8
Psychologists.....	176	88.6	7.2	3.1	6.6
Sociologists.....	2	(¹)	(¹)	(¹)	(¹)
Urban and regional planners.....	32	(¹)	(¹)	(¹)	(¹)
Miscellaneous social scientists and related workers.....	41	(¹)	(¹)	(¹)	(¹)
Agricultural and food science technicians.....	24	(¹)	(¹)	(¹)	(¹)
Biological technicians.....	24	(¹)	(¹)	(¹)	(¹)
Chemical technicians.....	53	75.5	18.0	6.9	7.0
Geological and petroleum technicians.....	9	(¹)	(¹)	(¹)	(¹)
Nuclear technicians.....	3	(¹)	(¹)	(¹)	(¹)
Other life, physical, and social science technicians.....	129	76.0	12.5	8.5	5.7
Community and social services occupations.....	2,293	75.9	19.0	2.5	8.9
Counselors.....	674	73.4	20.5	2.2	8.9
Social workers.....	729	70.5	24.5	2.9	10.0
Miscellaneous community and social service specialists.....	303	72.9	20.9	2.6	14.5
Clergy.....	441	86.4	10.2	2.7	3.6
Directors, religious activities and education.....	50	96.0	1.7	.8	4.5
Religious workers, all other.....	95	87.4	10.1	.8	11.0
Legal occupations.....	1,671	88.6	7.0	2.8	6.6
Lawyers.....	1,014	91.4	4.6	2.9	3.8
Judges, magistrates, and other judicial workers.....	54	92.6	6.8	.3	3.2
Paralegals and legal assistants.....	346	83.5	11.6	2.2	10.3
Miscellaneous legal support workers.....	257	84.0	10.0	3.9	13.3
Education, training, and library occupations.....	8,605	85.3	9.2	3.8	7.5
Postsecondary teachers.....	1,218	81.1	5.2	11.9	4.0
Preschool and kindergarten teachers.....	685	83.1	11.7	3.5	9.8
Elementary and middle school teachers.....	2,958	86.4	9.9	2.2	6.8
Secondary school teachers.....	1,210	89.5	7.2	1.8	6.5
Special education teachers.....	387	89.4	8.0	1.3	3.7
Other teachers and instructors.....	751	83.6	9.3	3.8	8.2
Archivists, curators, and museum technicians.....	35	(¹)	(¹)	(¹)	(¹)
Librarians.....	197	89.3	6.7	3.5	3.7
Library technicians.....	44	(¹)	(¹)	(¹)	(¹)
Teacher assistants.....	1,020	81.3	13.9	2.8	15.0
Other education, training, and library workers.....	101	89.1	6.1	3.6	5.5
Arts, design, entertainment, sports, and media occupations.....	2,820	87.4	6.1	4.1	8.3

See notes at end of table.

Table 6. Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Artists and related workers.....	213	92.0	2.0	3.7	5.4
Designers.....	834	87.1	5.6	6.1	8.2
Actors.....	30	(¹)	(¹)	(¹)	(¹)
Producers and directors.....	154	84.4	8.9	4.0	7.3
Athletes, coaches, umpires, and related workers.....	252	84.5	10.3	2.3	8.3
Dancers and choreographers.....	25	(¹)	(¹)	(¹)	(¹)
Musicians, singers, and related workers.....	186	85.5	9.7	1.6	10.8
Entertainers and performers, sports and related workers, all other.....	39	(¹)	(¹)	(¹)	(¹)
Announcers.....	41	(¹)	(¹)	(¹)	(¹)
News analysts, reporters and correspondents.....	94	92.6	2.1	3.9	2.9
Public relations specialists.....	135	90.4	5.1	1.7	7.3
Editors.....	171	92.4	3.5	2.5	2.2
Technical writers.....	47	(¹)	(¹)	(¹)	(¹)
Writers and authors.....	186	93.0	4.1	1.1	3.3
Miscellaneous media and communication workers.....	83	77.1	6.1	12.1	27.4
Broadcast and sound engineering technicians and radio operators.....	98	79.6	11.0	5.9	12.9
Photographers.....	181	89.5	4.3	3.9	10.1
Television, video, and motion picture camera operators and editors.....	50	94.0	5.2	.1	12.8
Media and communication equipment workers, all other.....	1	(¹)	(¹)	(¹)	(¹)
Healthcare practitioner and technical occupations.....	7,399	80.0	10.2	8.0	5.9
Chiropractors.....	60	96.7	1.8	.3	4.7
Dentists.....	152	82.9	3.3	12.0	5.2
Dietitians and nutritionists.....	100	75.0	20.3	3.7	7.1
Optometrists.....	37	(¹)	(¹)	(¹)	(¹)
Pharmacists.....	243	76.1	8.7	12.6	2.5
Physicians and surgeons.....	877	75.8	6.2	16.6	5.8
Physician assistants.....	99	87.9	6.6	5.2	9.3
Podiatrists.....	12	(¹)	(¹)	(¹)	(¹)
Registered nurses.....	2,778	80.5	10.0	7.8	4.7
Audiologists.....	12	(¹)	(¹)	(¹)	(¹)
Occupational therapists.....	87	93.1	1.2	6.3	5.5
Physical therapists.....	197	82.2	3.9	13.0	3.5
Radiation therapists.....	20	(¹)	(¹)	(¹)	(¹)
Recreational therapists.....	17	(¹)	(¹)	(¹)	(¹)
Respiratory therapists.....	109	81.7	10.4	4.6	7.4
Speech-language pathologists.....	133	91.7	2.3	4.8	6.2
Therapists, all other.....	107	82.2	14.7	2.6	3.7
Veterinarians.....	56	92.9	4.0	3.7	4.1
Health diagnosing and treating practitioners, all other.....	20	(¹)	(¹)	(¹)	(¹)
Clinical laboratory technologists and technicians.....	351	74.4	14.6	8.8	9.0
Dental hygienists.....	143	91.6	4.1	2.0	5.3
Diagnostic related technologists and technicians.....	298	84.2	8.8	5.3	5.0
Emergency medical technicians and paramedics.....	138	90.6	4.7	.1	6.6
Health diagnosing and treating practitioner support technicians.....	447	81.2	10.8	5.2	10.8

See notes at end of table.

Table 6. **Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages**
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Licensed practical and licensed vocational nurses.....	566	71.9	22.1	3.6	7.1
Medical records and health information technicians.....	98	80.6	13.9	4.0	9.9
Opticians, dispensing.....	50	92.0	7.5	.3	8.4
Miscellaneous health technologists and technicians.....	139	66.2	23.3	8.4	5.5
Other healthcare practitioners and technical occupations.....	52	82.7	5.6	6.5	8.0
Service occupations.....	24,451	76.4	15.9	4.6	20.2
Healthcare support occupations.....	3,212	67.1	25.8	4.2	13.6
Nursing, psychiatric, and home health aides.....	1,889	58.4	34.5	4.3	13.1
Occupational therapist assistants and aides.....	7	(¹)	(¹)	(¹)	(¹)
Physical therapist assistants and aides.....	75	86.7	8.4	4.0	8.0
Massage therapists.....	147	81.0	7.0	8.0	7.4
Dental assistants.....	263	88.6	6.9	2.0	17.3
Medical assistants and other healthcare support occupations.....	831	75.6	16.9	4.2	15.3
Protective service occupations.....	3,047	76.5	19.1	1.8	10.9
First-line supervisors/managers of correctional officers.....	42	(¹)	(¹)	(¹)	(¹)
First-line supervisors/managers of police and detectives.....	117	83.8	12.5	2.9	6.1
First-line supervisors/managers of fire fighting and prevention workers.....	54	88.9	5.8	1.3	9.5
Supervisors, protective service workers, all other.....	102	79.4	14.5	2.2	12.2
Fire fighters.....	293	88.4	8.2	.3	9.4
Fire inspectors.....	27	(¹)	(¹)	(¹)	(¹)
Bailiffs, correctional officers, and jailers.....	403	74.4	22.0	.6	10.4
Detectives and criminal investigators.....	139	84.9	10.6	2.3	9.5
Fish and game wardens.....	4	(¹)	(¹)	(¹)	(¹)
Parking enforcement workers.....	6	(¹)	(¹)	(¹)	(¹)
Police and sheriff's patrol officers.....	674	82.2	13.6	1.8	11.6
Transit and railroad police.....	5	(¹)	(¹)	(¹)	(¹)
Animal control workers.....	9	(¹)	(¹)	(¹)	(¹)
Private detectives and investigators.....	89	82.0	13.8	.8	6.5
Security guards and gaming surveillance officers.....	867	63.1	31.0	3.0	12.4
Crossing guards.....	68	64.7	29.9	.4	16.4
Lifeguards and other protective service workers.....	148	93.2	5.7	.8	9.6
Food preparation and serving related occupations.....	7,824	79.2	12.1	5.4	21.0
Chefs and head cooks.....	351	73.2	10.3	14.1	22.7
First-line supervisors/managers of food preparation and serving workers.....	635	79.7	14.4	3.8	14.1
Cooks.....	1,997	73.5	18.1	5.0	30.2
Food preparation workers.....	724	80.2	9.8	6.6	24.6
Bartenders.....	365	91.2	3.5	2.3	9.6
Combined food preparation and serving workers, including fast food.....	323	77.7	15.6	2.0	17.2
Counter attendants, cafeteria, food concession, and coffee shop.....	323	78.9	12.2	4.5	15.4
Waiters and waitresses.....	2,010	83.2	7.3	6.2	14.6
Food servers, nonrestaurant.....	187	71.1	20.5	6.5	18.0
Dining room and cafeteria attendants and bartender helpers.....	349	77.9	13.1	5.6	26.9
Dishwashers.....	289	80.6	12.0	3.4	35.7

See notes at end of table.

Table 6. Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Hosts and hostesses, restaurant, lounge, and coffee shop.....	263	88.6	6.2	3.0	11.6
Food preparation and serving related workers, all other.....	7	(¹)	(¹)	(¹)	(¹)
Building and grounds cleaning and maintenance occupations.....	5,445	78.9	15.0	2.8	33.4
First-line supervisors/managers of housekeeping janitorial workers.....	296	79.1	18.6	1.1	23.7
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers.....	258	93.4	4.5	.6	16.8
Janitors and building cleaners.....	2,125	74.3	18.4	3.4	28.2
Maids and housekeeping cleaners.....	1,434	75.2	18.1	3.7	40.5
Pest control workers.....	71	85.9	6.1	2.8	15.3
Grounds maintenance workers.....	1,262	87.3	7.7	1.6	41.0
Personal care and service occupations.....	4,923	75.2	14.7	7.4	14.2
First-line supervisors/managers of gaming workers.....	155	87.7	7.2	3.2	10.3
First-line supervisors/managers of personal service workers.....	174	74.7	11.1	13.8	7.5
Animal trainers.....	40	(¹)	(¹)	(¹)	(¹)
Nonfarm animal caretakers.....	157	91.7	2.9	1.9	12.3
Gaming services workers.....	111	60.4	13.1	21.8	3.5
Motion picture projectionists.....	7	(¹)	(¹)	(¹)	(¹)
Ushers, lobby attendants, and ticket takers.....	42	(¹)	(¹)	(¹)	(¹)
Miscellaneous entertainment attendants and related workers.....	166	85.5	7.1	2.7	11.3
Funeral service workers.....	13	(¹)	(¹)	(¹)	(¹)
Barbers.....	87	59.8	33.3	4.1	20.2
Hairdressers, hairstylists, and cosmetologists.....	773	80.1	11.3	6.5	11.0
Miscellaneous personal appearance workers.....	229	37.6	4.4	55.0	6.3
Baggage porters, bellhops, and concierges.....	72	63.9	23.9	8.1	19.9
Tour and travel guides.....	35	(¹)	(¹)	(¹)	(¹)
Transportation attendants.....	139	76.3	16.8	3.3	13.1
Child care workers.....	1,314	77.8	17.4	2.7	20.0
Personal and home care aides.....	871	67.6	21.8	6.7	17.4
Recreation and fitness workers.....	353	84.4	9.6	3.3	9.5
Residential advisors.....	70	70.0	28.1	.1	4.7
Personal care and service workers, all other.....	114	81.6	11.3	3.7	12.3
Sales and office occupations.....	35,544	82.0	11.5	4.2	12.3
Sales and related occupations.....	16,295	83.4	9.7	4.7	11.7
First-line supervisors/managers of retail sales workers.....	3,471	85.9	7.3	5.2	10.4
First-line supervisors/managers of non-retail sales workers.....	1,287	86.2	6.9	4.9	11.0
Cashiers.....	3,031	73.8	16.3	6.4	16.6
Counter and rental clerks.....	161	73.3	14.8	7.9	13.7
Parts salespersons.....	119	88.2	7.5	1.7	14.7
Retail salespersons.....	3,416	83.1	10.7	4.1	12.3
Advertising sales agents.....	216	85.6	10.3	2.2	8.4
Insurance sales agents.....	573	88.1	7.6	2.7	9.4
Securities, commodities, and financial services sales agents.....	388	86.3	7.2	5.1	9.2
Travel agents.....	98	78.6	9.8	10.3	6.4
Sales representatives, services, all other.....	521	84.5	8.9	4.5	8.8
Sales representatives, wholesale and manufacturing.....	1,343	91.0	3.9	3.8	8.6
Models, demonstrators, and product promoters.....	74	83.8	8.0	6.7	6.6

See notes at end of table.

Table 6. **Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages**
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Real estate brokers and sales agents.....	962	87.8	7.2	3.5	8.6
Sales engineers.....	40	(¹)	(¹)	(¹)	(¹)
Telemarketers.....	139	71.2	23.6	.7	16.6
Door-to-door sales workers, news and street vendors, and related workers.....	243	84.0	9.5	3.7	14.4
Sales and related workers, all other.....	212	92.5	4.8	1.2	7.4
Office and administrative support occupations.....	19,249	80.9	13.0	3.7	12.8
First-line supervisors/managers of office and administrative support workers.....	1,641	84.2	10.4	3.4	10.5
Switchboard operators, including answering service.....	49	(¹)	(¹)	(¹)	(¹)
Telephone operators.....	48	(¹)	(¹)	(¹)	(¹)
Communications equipment operators, all other.....	11	(¹)	(¹)	(¹)	(¹)
Bill and account collectors.....	232	74.6	20.0	2.2	18.2
Billing and posting clerks and machine operators.....	516	80.8	13.5	3.6	12.6
Bookkeeping, accounting, and auditing clerks.....	1,434	86.9	6.9	4.4	8.0
Gaming cage workers.....	16	(¹)	(¹)	(¹)	(¹)
Payroll and timekeeping clerks.....	158	82.9	11.8	4.1	10.8
Procurement clerks.....	26	(¹)	(¹)	(¹)	(¹)
Tellers.....	466	79.0	12.3	6.1	15.8
Brokerage clerks.....	5	(¹)	(¹)	(¹)	(¹)
Correspondence clerks.....	7	(¹)	(¹)	(¹)	(¹)
Court, municipal, and license clerks.....	100	81.0	11.1	3.7	10.5
Credit authorizers, checkers, and clerks.....	64	81.3	12.7	1.4	12.1
Customer service representatives.....	1,908	75.5	18.3	3.7	14.5
Eligibility interviewers, government programs.....	63	68.3	22.1	6.5	23.7
File clerks.....	364	78.0	15.5	4.4	12.0
Hotel, motel, and resort desk clerks.....	120	70.0	19.1	3.9	9.6
Interviewers, except eligibility and loan.....	146	77.4	18.4	1.9	17.7
Library assistants, clerical.....	107	84.1	8.9	4.5	5.7
Loan interviewers and clerks.....	122	88.5	7.1	2.4	18.3
New accounts clerks.....	23	(¹)	(¹)	(¹)	(¹)
Order clerks.....	112	85.7	11.8	1.5	18.0
Human resources assistants, except payroll and timekeeping.....	52	78.8	15.3	5.7	10.0
Receptionists and information clerks.....	1,413	84.3	9.8	3.8	15.2
Reservation and transportation ticket agents and travel clerks.....	136	75.0	14.3	6.5	14.8
Information and record clerks, all other.....	107	78.5	15.5	4.1	11.7
Cargo and freight agents.....	19	(¹)	(¹)	(¹)	(¹)
Couriers and messengers.....	261	82.4	13.9	1.7	21.1
Dispatchers.....	286	79.0	15.9	1.9	11.8
Meter readers, utilities.....	45	(¹)	(¹)	(¹)	(¹)
Postal service clerks.....	167	60.5	27.0	8.5	10.5
Postal service mail carriers.....	373	77.5	14.5	6.4	9.8
Postal service mail sorters, processors, and processing machine operators.....	90	53.3	34.1	10.9	11.4
Production, planning, and expediting clerks.....	269	84.4	8.9	3.7	7.3
Shipping, receiving, and traffic clerks.....	543	81.8	11.6	2.8	20.2
Stock clerks and order fillers.....	1,481	76.0	16.8	3.6	18.6
Weighers, measurers, checkers, and samplers, recordkeeping.....	63	81.0	13.6	5.2	17.8

See notes at end of table.

Table 6. Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Secretaries and administrative assistants.....	3,296	87.5	8.1	2.3	9.6
Computer operators.....	134	73.1	19.9	4.3	5.1
Data entry keyers.....	415	75.9	17.6	5.2	12.9
Word processors and typists.....	149	77.2	17.3	3.6	13.1
Desktop publishers.....	4	(¹)	(¹)	(¹)	(¹)
Insurance claims and policy processing clerks.....	275	75.3	19.4	2.8	12.2
Mail clerks and mail machine operators, except postal service.....	123	69.1	20.8	7.1	12.9
Office clerks, general.....	1,176	77.9	15.4	4.7	14.1
Office machine operators, except computer.....	43	(¹)	(¹)	(¹)	(¹)
Proofreaders and copy markers.....	13	(¹)	(¹)	(¹)	(¹)
Statistical assistants.....	19	(¹)	(¹)	(¹)	(¹)
Office and administrative support workers, all other.....	558	79.9	13.1	4.8	9.6
Natural resources, construction, and maintenance occupations.....	14,806	88.3	6.9	1.9	25.0
Farming, fishing, and forestry occupations.....	988	88.9	4.5	1.7	39.3
First-line supervisors/managers of farming, fishing, and forestry workers.....	48	(¹)	(¹)	(¹)	(¹)
Agricultural inspectors.....	24	(¹)	(¹)	(¹)	(¹)
Animal breeders.....	12	(¹)	(¹)	(¹)	(¹)
Graders and sorters, agricultural products.....	63	74.6	13.6	4.0	59.3
Miscellaneous agricultural workers.....	723	90.2	3.5	1.5	45.1
Fishers and related fishing workers.....	36	(¹)	(¹)	(¹)	(¹)
Hunters and trappers.....	1	(¹)	(¹)	(¹)	(¹)
Forest and conservation workers.....	8	(¹)	(¹)	(¹)	(¹)
Logging workers.....	73	87.7	5.9	(²)	12.3
Construction and extraction occupations.....	8,667	89.4	6.3	1.4	29.6
First-line supervisors/managers of construction trades and extraction workers.....	844	94.2	3.0	1.2	16.1
Boilermakers.....	22	(¹)	(¹)	(¹)	(¹)
Brickmasons, blockmasons, and stonemasons.....	230	87.8	7.4	1.2	39.9
Carpenters.....	1,562	89.5	6.0	1.3	25.7
Carpet, floor, and tile installers and finishers.....	224	96.0	1.9	1.0	42.7
Cement masons, concrete finishers, and terrazzo workers.....	90	84.4	7.4	.1	57.7
Construction laborers.....	1,651	87.5	7.7	1.9	44.1
Paving, surfacing, and tamping equipment operators.....	24	(¹)	(¹)	(¹)	(¹)
Pile-driver operators.....	3	(¹)	(¹)	(¹)	(¹)
Operating engineers and other construction equipment operators.....	398	91.7	5.1	.5	17.4
Drywall installers, ceiling tile installers, and tapers.....	209	92.8	3.6	.4	56.9
Electricians.....	874	89.2	5.9	2.7	16.2
Glaziers.....	49	(¹)	(¹)	(¹)	(¹)
Insulation workers.....	38	(¹)	(¹)	(¹)	(¹)
Painters, construction and maintenance.....	647	86.4	7.3	2.2	40.1
Paperhangers.....	8	(¹)	(¹)	(¹)	(¹)
Pipelayers, plumbers, pipefitters, and steamfitters.....	606	90.1	6.4	.6	19.5
Plasterers and stucco masons.....	46	(¹)	(¹)	(¹)	(¹)
Reinforcing iron and rebar workers.....	15	(¹)	(¹)	(¹)	(¹)
Roofers.....	234	85.5	8.4	.4	42.9

See notes at end of table.

Table 6. **Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages**
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Sheet metal workers.....	136	89.0	6.2	1.2	11.8
Structural iron and steel workers.....	77	93.5	2.2	.3	14.4
Helpers, construction trades.....	113	80.5	18.1	.3	41.3
Construction and building inspectors.....	93	87.1	9.2	1.6	5.4
Elevator installers and repairers.....	38	(¹)	(¹)	(¹)	(¹)
Fence erectors.....	38	(¹)	(¹)	(¹)	(¹)
Hazardous materials removal workers.....	23	(¹)	(¹)	(¹)	(¹)
Highway maintenance workers.....	103	80.6	17.2	(²)	10.2
Rail-track laying and maintenance equipment operators.....	15	(¹)	(¹)	(¹)	(¹)
Septic tank servicers and sewer pipe cleaners.....	11	(¹)	(¹)	(¹)	(¹)
Miscellaneous construction and related workers.....	38	(¹)	(¹)	(¹)	(¹)
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	40	(¹)	(¹)	(¹)	(¹)
Earth drillers, except oil and gas.....	35	(¹)	(¹)	(¹)	(¹)
Explosives workers, ordnance handling experts, and blasters.....	11	(¹)	(¹)	(¹)	(¹)
Mining machine operators.....	51	92.2	3.3	5.6	21.2
Roof bolters, mining.....	4	(¹)	(¹)	(¹)	(¹)
Roustabouts, oil and gas.....	7	(¹)	(¹)	(¹)	(¹)
Helpers—extraction workers.....	7	(¹)	(¹)	(¹)	(¹)
Other extraction workers.....	55	90.9	3.5	1.0	33.5
Installation, maintenance, and repair occupations.....	5,152	86.4	8.5	2.8	14.5
First-line supervisors/managers of mechanics, installers, and repairers.....	300	89.3	6.7	1.0	8.7
Computer, automated teller, and office machine repairers.....	335	80.3	10.8	7.5	13.0
Radio and telecommunications equipment installers and repairers.....	200	79.5	13.7	4.4	11.8
Avionics technicians.....	18	(¹)	(¹)	(¹)	(¹)
Electric motor, power tool, and related repairers.....	24	(¹)	(¹)	(¹)	(¹)
Electrical and electronics installers and repairers, transportation equipment.....	3	(¹)	(¹)	(¹)	(¹)
Electrical and electronics repairers, industrial and utility.....	18	(¹)	(¹)	(¹)	(¹)
Electronic equipment installers and repairers, motor vehicles.....	27	(¹)	(¹)	(¹)	(¹)
Electronic home entertainment equipment installers and repairers.....	75	73.3	13.5	8.0	16.2
Security and fire alarm systems installers.....	62	87.1	8.2	2.2	16.8
Aircraft mechanics and service technicians.....	153	85.0	5.5	6.4	13.8
Automotive body and related repairers.....	157	93.0	5.2	.7	27.2
Automotive glass installers and repairers.....	28	(¹)	(¹)	(¹)	(¹)
Automotive service technicians and mechanics.....	852	88.5	6.5	2.9	19.7
Bus and truck mechanics and diesel engine specialists.....	358	87.7	7.5	1.7	11.6
Heavy vehicle and mobile equipment service technicians and mechanics.....	217	92.6	5.0	.4	10.5
Small engine mechanics.....	64	90.6	6.0	(²)	10.9
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	86	86.0	7.6	.4	22.0
Control and valve installers and repairers.....	21	(¹)	(¹)	(¹)	(¹)

See notes at end of table.

Table 6. Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Heating, air conditioning, and refrigeration mechanics and installers.....	397	86.6	8.6	2.2	13.2
Home appliance repairers.....	51	80.4	10.2	5.7	10.7
Industrial and refractory machinery mechanics.....	439	86.1	8.8	3.0	13.0
Maintenance and repair workers, general.....	461	84.8	10.2	2.4	13.7
Maintenance workers, machinery.....	39	(¹)	(¹)	(¹)	(¹)
Millwrights.....	60	91.7	4.4	1.6	5.9
Electrical power-line installers and repairers.....	109	89.9	8.7	.3	8.9
Telecommunications line installers and repairers.....	204	81.4	16.2	1.1	15.0
Precision instrument and equipment repairers.....	58	91.4	4.8	3.5	12.4
Coin, vending, and amusement machine servicers and repairers.....	41	(¹)	(¹)	(¹)	(¹)
Commercial divers.....	3	(¹)	(¹)	(¹)	(¹)
Locksmiths and safe repairers.....	31	(¹)	(¹)	(¹)	(¹)
Manufactured building and mobile home installers.....	12	(¹)	(¹)	(¹)	(¹)
Riggers.....	8	(¹)	(¹)	(¹)	(¹)
Signal and track switch repairers.....	5	(¹)	(¹)	(¹)	(¹)
Helpers—installation, maintenance, and repair workers.....	23	(¹)	(¹)	(¹)	(¹)
Other installation, maintenance, and repair workers.....	213	86.9	7.9	2.4	18.5
Production, transportation, and material moving occupations.....	17,800	79.3	14.5	3.8	20.4
Production occupations.....	8,973	80.4	12.2	5.2	21.1
First-line supervisors/managers of production and operating workers.....	874	84.2	9.5	5.0	14.9
Aircraft structure, surfaces, rigging, and systems assemblers.....	18	(¹)	(¹)	(¹)	(¹)
Electrical, electronics, and electromechanical assemblers.....	203	66.5	12.2	17.5	19.4
Engine and other machine assemblers.....	13	(¹)	(¹)	(¹)	(¹)
Structural metal fabricators and fitters.....	36	(¹)	(¹)	(¹)	(¹)
Miscellaneous assemblers and fabricators.....	1,050	76.4	15.3	5.9	19.8
Bakers.....	194	81.4	12.1	5.0	28.9
Butchers and other meat, poultry, and fish processing workers.....	309	75.7	14.6	6.7	38.4
Food and tobacco roasting, baking, and drying machine operators and tenders.....	11	(¹)	(¹)	(¹)	(¹)
Food batchmakers.....	73	79.5	11.7	6.2	29.0
Food cooking machine operators and tenders.....	7	(¹)	(¹)	(¹)	(¹)
Computer control programmers and operators.....	68	91.2	3.9	1.6	6.8
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	9	(¹)	(¹)	(¹)	(¹)
Forging machine setters, operators, and tenders, metal and plastic.....	9	(¹)	(¹)	(¹)	(¹)
Rolling machine setters, operators, and tenders, metal and plastic.....	12	(¹)	(¹)	(¹)	(¹)
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	105	84.8	9.1	4.0	22.0
Drilling and boring machine tool setters, operator, and tenders, metal and plastic.....	4	(¹)	(¹)	(¹)	(¹)
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	50	86.0	6.6	5.8	19.6

See notes at end of table.

Table 6. Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	20	(¹)	(¹)	(¹)	(¹)
Milling and planning machine setters, operators, and tenders, metal and plastic.....	8	(¹)	(¹)	(¹)	(¹)
Machinists.....	409	86.6	7.0	4.2	12.1
Metal furnace and kiln operators and tenders.....	24	(¹)	(¹)	(¹)	(¹)
Model makers and patternmakers, metal and plastic.....	10	(¹)	(¹)	(¹)	(¹)
Molders and molding machine setters, operators, and tenders, metal and plastic.....	58	86.2	12.2	1.3	22.2
Multiple machine tool setters, operators, and tenders, metal and plastic.....	4	(¹)	(¹)	(¹)	(¹)
Tool and die makers.....	71	94.4	0.9	1.2	5.9
Welding, soldering, and brazing workers.....	598	85.5	8.7	3.7	21.0
Heat treating equipment setters, operators, and tenders, metal and plastic.....	11	(¹)	(¹)	(¹)	(¹)
Lay-out workers, metal and plastic.....	9	(¹)	(¹)	(¹)	(¹)
Plating and coating machine setters, operators, and tenders, metal and plastic.....	13	(¹)	(¹)	(¹)	(¹)
Tool grinders, filers, and sharpeners.....	7	(¹)	(¹)	(¹)	(¹)
Metalworkers and plastic workers, all other.....	349	83.1	10.0	5.5	24.4
Bookbinders and bindery workers.....	36	(¹)	(¹)	(¹)	(¹)
Job printers.....	47	(¹)	(¹)	(¹)	(¹)
Prepress technicians and workers.....	44	(¹)	(¹)	(¹)	(¹)
Printing machine operators.....	213	86.9	9.1	2.9	20.5
Laundry and dry-cleaning workers.....	239	66.9	22.4	7.7	29.3
Pressers, textile, garment, and related materials.....	57	68.4	19.7	10.0	41.0
Sewing machine operators.....	226	73.9	9.4	14.1	36.8
Shoe and leather workers and repairers.....	8	(¹)	(¹)	(¹)	(¹)
Shoe machine operators and tenders.....	6	(¹)	(¹)	(¹)	(¹)
Tailors, dressmakers, and sewers.....	71	80.3	6.1	12.2	24.4
Textile bleaching and dyeing machine operators and tenders.....	3	(¹)	(¹)	(¹)	(¹)
Textile cutting machine setters, operators, and tenders.....	6	(¹)	(¹)	(¹)	(¹)
Textile knitting and weaving machine setters, operators, and tenders.....	5	(¹)	(¹)	(¹)	(¹)
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	17	(¹)	(¹)	(¹)	(¹)
Extruding and forming machine setters, operator, and tenders, synthetic and glass fibers.....	2	(¹)	(¹)	(¹)	(¹)
Fabric and apparel patternmakers.....	2	(¹)	(¹)	(¹)	(¹)
Upholsterers.....	56	69.6	27.2	.4	42.1
Textile, apparel, and furnishings workers, all other.....	21	(¹)	(¹)	(¹)	(¹)
Cabinetmakers and bench carpenters.....	85	89.4	2.8	5.7	13.0
Furniture finishers.....	19	(¹)	(¹)	(¹)	(¹)
Model makers and patternmakers, wood.....	0	(¹)	(¹)	(¹)	(¹)
Sawing machine setters, operators, and tenders, wood.....	44	(¹)	(¹)	(¹)	(¹)
Woodworking machine setters, operators, and tenders, except sawing.....	22	(¹)	(¹)	(¹)	(¹)

See notes at end of table.

Table 6. **Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages**
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Woodworkers, all other.....	37	(¹)	(¹)	(¹)	(¹)
Power plant operators, distributors, and dispatchers.....	55	92.7	2.0	(²)	10.5
Stationary engineers and boiler operators.....	101	82.2	13.1	2.4	7.2
Water and liquid waste treatment plant and system operators.....	71	84.5	12.3	(²)	7.0
Miscellaneous plant and system operators.....	34	(¹)	(¹)	(¹)	(¹)
Chemical processing machine setters, operators, and tenders.....	52	78.8	16.2	4.4	13.2
Crushing, grinding, polishing, mixing, and blending workers.....	108	80.6	14.5	1.4	20.6
Cutting workers.....	80	83.8	8.0	5.1	27.4
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	29	(¹)	(¹)	(¹)	(¹)
Furnace, kiln, oven, drier, and kettle operators and tenders.....	16	(¹)	(¹)	(¹)	(¹)
Inspectors, testers, sorters, samplers, and weighers.....	751	78.3	13.4	5.8	14.2
Jewelers and precious stone and metal workers.....	59	79.7	1.6	6.8	16.7
Medical, dental, and ophthalmic laboratory technicians.....	95	86.3	6.2	6.9	13.8
Packaging and filling machine operators and tenders.....	261	76.6	15.0	5.0	42.5
Painting workers.....	183	80.9	13.2	1.1	26.2
Photographic process workers and processing machine operators.....	53	79.2	8.1	12.7	11.8
Semiconductor processors.....	7	(¹)	(¹)	(¹)	(¹)
Cementing and gluing machine operators and tenders.....	11	(¹)	(¹)	(¹)	(¹)
Cleaning, washing, and metal pickling equipment operators and tenders.....	10	(¹)	(¹)	(¹)	(¹)
Cooling and freezing equipment operators and tenders.....	2	(¹)	(¹)	(¹)	(¹)
Etchers and engravers.....	7	(¹)	(¹)	(¹)	(¹)
Molders, shapers, and casters, except metal and plastic.....	38	(¹)	(¹)	(¹)	(¹)
Paper goods machine setters, operators, and tenders.....	42	(¹)	(¹)	(¹)	(¹)
Tire builders.....	14	(¹)	(¹)	(¹)	(¹)
Helpers—production workers.....	34	(¹)	(¹)	(¹)	(¹)
Production workers, all other.....	958	78.7	16.4	2.8	23.9
Transportation and material moving occupations.....	8,827	78.3	16.9	2.5	19.7
Supervisors, transportation and material moving workers.....	208	78.8	14.4	5.5	12.0
Aircraft pilots and flight engineers.....	141	94.3	1.8	2.4	2.5
Air traffic controllers and airfield operations specialists.....	27	(¹)	(¹)	(¹)	(¹)
Ambulance drivers and attendants, except emergency medical technicians.....	16	(¹)	(¹)	(¹)	(¹)
Bus drivers.....	651	65.4	30.4	1.8	12.2
Driver/sales workers and truck drivers.....	3,388	82.2	14.3	1.5	17.8
Taxi drivers and chauffeurs.....	373	61.4	26.3	10.5	18.9
Motor vehicle operators, all other.....	66	71.2	24.0	2.1	15.2
Locomotive engineers and operators.....	58	84.5	14.5	(²)	6.0
Railroad brake, signal, and switch operators.....	5	(¹)	(¹)	(¹)	(¹)
Railroad conductors and yardmasters.....	53	88.7	8.8	2.9	5.4
Subway, streetcar, and other rail transportation workers.....	18	(¹)	(¹)	(¹)	(¹)
Sailors and marine oilers.....	18	(¹)	(¹)	(¹)	(¹)
Ship and boat captains and operators.....	39	(¹)	(¹)	(¹)	(¹)
Ship engineers.....	5	(¹)	(¹)	(¹)	(¹)
Bridge and lock tenders.....	7	(¹)	(¹)	(¹)	(¹)

See notes at end of table.

Table 6. Employed persons by detailed occupation, race, and Hispanic or Latino ethnicity, 2008 annual averages
—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Parking lot attendants	83	72.3	15.7	8.7	27.3
Service station attendants	87	80.5	10.3	4.4	12.4
Transportation inspectors	51	68.6	21.5	6.5	9.2
Other transportation workers	19	(¹)	(¹)	(¹)	(¹)
Conveyor operators and tenders	5	(¹)	(¹)	(¹)	(¹)
Crane and tower operators	69	85.5	13.9	(²)	10.6
Dredge, excavating, and loading machine operators	60	88.3	4.5	(²)	15.7
Hoist and winch operators.....	5	(¹)	(¹)	(¹)	(¹)
Industrial truck and tractor operators	568	72.7	23.4	1.5	26.7
Cleaners of vehicles and equipment	317	79.2	17.4	.9	28.8
Laborers and freight, stock, and material movers, hand	1,889	78.8	15.9	2.4	21.2
Machine feeders and offbearers	34	(¹)	(¹)	(¹)	(¹)
Packers and packagers, hand	391	76.5	15.3	4.6	43.7
Pumping station operators	25	(¹)	(¹)	(¹)	(¹)
Refuse and recyclable material collectors	98	75.5	16.4	2.4	31.1
Shuttle car operators.....	5	(¹)	(¹)	(¹)	(¹)
Tank car, truck, and ship loaders	2	(¹)	(¹)	(¹)	(¹)
Material moving workers, all other.....	48	(¹)	(¹)	(¹)	(¹)

¹ Percents are not shown where base is less than 50,000.

² Indicates no data or data that did not meet publication criteria.

NOTE: Dashes indicate no data or data that do not meet publication criteria. Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 7. Employed persons by industry, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages

Industry and sex	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over (thousands).....	145,362	119,126	15,953	6,917	20,346
Percent.....	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, and fishing.....	1.5	1.7	.3	.4	2.2
Mining.....	.6	.6	.3	.2	.6
Construction.....	7.5	8.3	3.8	2.6	13.3
Manufacturing.....	10.9	11.0	9.5	13.5	11.4
Durable goods.....	7.1	7.2	5.4	9.2	6.2
Nondurable goods.....	3.9	3.8	4.1	4.3	5.2
Wholesale and retail trade.....	14.2	14.4	12.9	13.0	13.9
Wholesale trade.....	2.8	2.9	2.1	2.5	2.9
Retail trade.....	11.4	11.5	10.8	10.5	11.0
Transportation and utilities.....	5.3	5.1	7.7	3.9	5.7
Information.....	2.4	2.4	2.6	2.5	1.6
Financial activities.....	7.0	7.1	6.3	7.5	5.3
Professional and business services.....	10.7	10.7	9.1	13.7	10.5
Education and health services.....	21.6	20.8	27.9	21.8	14.9
Leisure and hospitality.....	8.8	8.5	8.8	11.4	11.6
Other services.....	4.8	4.8	4.3	6.0	5.9
Other services, except private households.....	4.3	4.3	3.8	5.6	4.4
Private households.....	.6	.6	.5	.4	1.5
Public administration.....	4.7	4.4	6.5	3.5	3.1
Men, 16 years and over (thousands).....	77,486	64,624	7,398	3,692	12,248
Percent.....	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, and fishing.....	2.1	2.4	.7	.4	3.0
Mining.....	.9	1.0	.5	.3	1.0
Construction.....	12.8	13.8	7.3	4.2	21.2
Manufacturing.....	14.5	14.6	13.5	16.0	13.2
Durable goods.....	9.9	10.0	8.2	11.8	7.6
Nondurable goods.....	4.6	4.6	5.4	4.2	5.6
Wholesale and retail trade.....	14.6	14.7	14.5	13.3	13.4
Wholesale trade.....	3.7	3.8	3.3	2.8	3.5
Retail trade.....	10.9	10.9	11.2	10.5	9.9
Transportation and utilities.....	7.7	7.3	12.2	5.6	7.5
Information.....	2.6	2.6	2.9	3.0	1.7
Financial activities.....	6.0	6.0	5.1	6.9	4.1
Professional and business services.....	11.6	11.4	10.2	16.7	10.9
Education and health services.....	10.1	9.5	13.4	13.8	5.8
Leisure and hospitality.....	8.0	7.6	9.2	11.7	10.6
Other services.....	4.4	4.3	4.5	4.6	4.9
Other services, except private households.....	4.3	4.3	4.5	4.5	4.8
Private households.....	.1	.1	.1	.1	.2
Public administration.....	4.8	4.7	5.9	3.5	2.8

See note at end of table.

**Table 7. Employed persons by industry, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages
—Continued**

Industry and sex	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Women, 16 years and over (thousands).....	67,876	54,501	8,554	3,225	8,098
Percent.....	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, and fishing.....	.8	.9	.1	.3	1.0
Mining.....	.2	.2	.1	.1	.1
Construction.....	1.6	1.7	.8	.7	1.3
Manufacturing.....	6.9	6.8	6.0	10.7	8.8
Durable goods.....	3.9	3.9	3.0	6.2	4.1
Nondurable goods.....	3.0	2.9	3.0	4.4	4.7
Wholesale and retail trade.....	13.6	14.0	11.5	12.7	14.7
Wholesale trade.....	1.8	1.9	1.1	2.1	2.0
Retail trade.....	11.9	12.1	10.4	10.5	12.6
Transportation and utilities.....	2.6	2.5	3.8	2.1	2.9
Information.....	2.1	2.1	2.3	2.0	1.4
Financial activities.....	8.3	8.4	7.3	8.1	7.2
Professional and business services.....	9.7	9.9	8.1	10.4	10.0
Education and health services.....	34.8	34.3	40.5	30.9	28.7
Leisure and hospitality.....	9.7	9.6	8.4	11.1	13.0
Other services.....	5.3	5.4	4.1	7.5	7.3
Other services, except private households.....	4.2	4.3	3.3	6.9	3.9
Private households.....	1.1	1.1	.9	.7	3.5
Public administration.....	4.5	4.1	7.0	3.5	3.6

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 8. Employment and unemployment in families by type of family, race, and Hispanic or Latino ethnicity, 2008 annual averages

(Numbers in thousands)

Family type and employment status of family members	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total families	77,943	63,490	9,297	3,403	10,500
With employed member(s)	64,058	52,273	7,290	3,052	9,135
As a percent of total families	82.2	82.3	78.4	89.7	87.0
With unemployed member(s)	6,104	4,506	1,188	215	1,159
As a percent of total families	7.8	7.1	12.8	6.3	11.0
Some member(s) employed	4,319	3,332	686	172	846
As a percent of families with unemployed member(s).....	70.8	74.0	57.8	79.9	73.0
Some usually work full time	3,830	2,955	605	158	743
As a percent of families with unemployed member(s).....	62.7	65.6	50.9	73.4	64.1
Married-couple families	58,125	49,967	4,311	2,747	6,839
With employed member(s)	48,541	41,468	3,648	2,476	6,162
As a percent of total families	83.5	83.0	84.6	90.1	90.1
With unemployed member(s)	3,796	3,076	446	167	726
As a percent of total families	6.5	6.2	10.3	6.1	10.6
Some member(s) employed	3,133	2,552	356	142	586
As a percent of families with unemployed member(s).....	82.5	83.0	79.8	85.0	80.7
Some usually work full time	2,837	2,301	328	133	528
As a percent of families with unemployed member(s).....	74.7	74.8	73.5	79.6	72.7
Families maintained by women	14,383	9,459	4,049	424	2,515
With employed member(s)	10,929	7,331	2,914	360	1,936
As a percent of total families	76.0	77.5	72.0	84.9	77.0
With unemployed member(s)	1,666	978	591	36	295
As a percent of total families	11.6	10.3	14.6	8.5	11.7
Some member(s) employed	817	513	252	22	168
As a percent of families with unemployed member(s).....	49.0	52.5	42.6	61.1	56.9
Some usually work full time	666	416	208	17	133
As a percent of families with unemployed member(s).....	40.0	42.5	35.2	47.2	45.1
Families maintained by men	5,435	4,064	937	233	1,145
With employed member(s)	4,589	3,474	728	217	1,036
As a percent of total families	84.4	85.5	77.7	93.1	90.5
With unemployed member(s)	642	452	150	12	138
As a percent of total families	11.8	11.1	16.0	5.2	12.1
Some member(s) employed	368	267	78	8	92
As a percent of families with unemployed member(s).....	57.3	59.1	52.0	66.7	66.7
Some usually work full time	326	238	69	7	83
As a percent of families with unemployed member(s).....	50.8	52.7	46.0	58.3	60.1

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race .

Table 9. Labor force participation rates by presence and age of youngest child, sex, race, and Hispanic or Latino ethnicity, 1996–2008 annual averages

(Percent)

Year	Both sexes			White			Black or African American		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
With no children under 18 years									
1996.....	60.1	66.8	53.5	60.5	67.6	53.6	56.9	61.5	52.3
1997.....	60.4	67.0	53.8	60.8	67.8	53.8	57.3	61.2	53.5
1998.....	60.3	67.0	53.9	60.6	67.6	53.8	58.0	62.0	54.2
1999.....	60.4	66.8	54.1	60.7	67.5	53.9	58.3	62.1	54.6
2000.....	60.6	67.0	54.3	60.9	67.7	54.3	58.4	62.5	54.5
2001.....	60.4	66.7	54.3	60.8	67.4	54.3	57.9	61.7	54.4
2002.....	60.0	66.2	53.9	60.4	66.8	54.0	56.8	61.0	52.7
2003.....	59.7	65.4	54.1	60.1	66.1	54.1	56.5	60.0	53.2
2004.....	59.6	65.3	54.0	60.0	66.1	54.0	56.4	59.5	53.5
2005.....	59.8	65.5	54.2	60.1	66.2	54.1	57.3	60.8	53.9
2006.....	60.0	65.8	54.2	60.4	66.5	54.2	57.1	60.5	53.9
2007.....	59.8	65.6	54.0	60.3	66.4	54.1	56.5	60.1	53.0
2008.....	59.9	65.6	54.3	60.3	66.3	54.3	56.9	60.4	53.6
With children under 18 years									
1996.....	81.1	94.5	70.8	81.8	95.3	70.7	78.5	89.7	73.3
1997.....	81.8	94.6	71.9	82.4	95.4	71.7	79.6	89.6	75.0
1998.....	81.8	94.6	71.8	82.2	95.3	71.3	81.0	90.4	76.7
1999.....	82.0	94.6	72.2	82.3	95.4	71.5	82.0	89.3	78.5
2000.....	82.1	94.7	72.3	82.3	95.3	71.6	82.2	90.3	78.2
2001.....	81.9	94.6	72.1	82.2	95.3	71.5	81.8	89.7	77.9
2002.....	81.6	94.3	71.8	81.9	94.8	71.1	81.9	90.3	77.7
2003.....	81.2	94.1	71.1	81.4	94.7	70.3	81.5	89.7	77.5
2004.....	80.7	94.1	70.4	81.1	94.8	69.8	80.5	88.4	76.5
2005.....	80.7	94.1	70.5	81.1	94.8	69.8	80.4	88.7	76.3
2006.....	81.0	94.1	70.9	81.4	94.9	70.2	80.5	88.1	76.9
2007.....	81.4	94.3	71.0	81.7	95.0	70.3	81.2	89.6	76.6
2008.....	81.5	94.1	71.4	81.8	94.8	70.8	81.1	89.7	76.7
With children 6 to 17 years, none younger									
1996.....	84.5	93.5	77.5	85.3	94.4	77.7	81.3	87.9	78.1
1997.....	84.7	93.6	77.9	85.4	94.4	78.0	81.8	88.1	78.7
1998.....	84.5	93.5	77.6	84.9	94.2	77.3	83.1	88.2	80.6
1999.....	84.8	93.4	78.2	85.4	94.4	78.1	83.2	86.7	81.4
2000.....	85.1	93.5	78.7	85.7	94.3	78.6	83.3	87.8	81.0
2001.....	85.0	93.6	78.3	85.5	94.5	78.1	83.3	87.5	81.1
2002.....	84.8	93.3	78.2	85.1	94.0	77.8	84.3	89.2	81.8
2003.....	84.5	93.1	77.8	84.7	93.7	77.3	84.0	88.0	82.1
2004.....	84.1	93.1	77.3	84.5	93.9	76.9	82.7	86.3	80.9
2005.....	83.7	93.0	76.5	84.1	93.8	76.3	82.4	86.9	80.2
2006.....	83.8	93.1	76.7	84.3	94.0	76.3	82.4	85.7	80.8
2007.....	84.3	93.2	77.2	84.6	94.0	76.7	83.7	87.7	81.5
2008.....	84.3	93.1	77.3	84.7	93.9	77.0	83.1	87.8	80.6

See note at end of table.

Table 9. Labor force participation rates by presence and age of youngest child, sex, race, and Hispanic or Latino ethnicity, 1996–2008 annual averages—Continued

(Percent)

Year	Both sexes			White			Black or African American		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
With children under 6 years									
1996.....	77.2	95.6	63.2	77.9	96.3	62.7	75.4	91.9	68.2
1997.....	78.3	95.8	64.8	78.8	96.5	64.1	77.1	91.3	70.8
1998.....	78.6	96.1	64.9	78.9	96.6	64.1	78.5	93.0	72.0
1999.....	78.5	96.1	64.8	78.5	96.7	63.4	80.6	92.5	74.9
2000.....	78.4	96.1	64.6	78.2	96.5	63.0	80.9	93.3	74.9
2001.....	78.1	95.8	64.3	78.1	96.2	63.0	80.0	92.5	73.9
2002.....	77.7	95.5	63.7	77.9	95.9	62.7	78.9	91.8	72.5
2003.....	77.2	95.4	62.8	77.3	96.0	61.5	78.2	92.1	71.8
2004.....	76.5	95.4	61.8	76.8	96.0	60.7	77.6	91.1	70.8
2005.....	77.0	95.4	62.8	77.2	96.1	61.6	77.8	91.2	71.4
2006.....	77.5	95.4	63.5	77.7	95.9	62.5	78.0	91.1	71.8
2007.....	77.8	95.7	63.3	77.9	96.2	62.3	77.9	92.3	70.4
2008.....	77.9	95.4	64.0	78.0	95.9	62.9	78.6	92.4	71.7
With children under 3 years									
1996.....	75.4	95.8	59.4	76.2	96.5	59.2	72.1	92.2	63.1
1997.....	76.6	95.9	61.4	77.5	96.5	61.4	73.6	92.1	65.1
1998.....	77.2	96.2	61.9	77.7	96.7	61.5	75.8	93.2	67.5
1999.....	77.0	96.4	61.5	77.0	97.0	60.1	78.7	92.4	72.0
2000.....	76.3	96.4	60.4	76.3	96.7	59.0	77.6	93.6	69.8
2001.....	76.0	95.9	60.2	76.1	96.4	58.9	77.3	92.6	69.7
2002.....	76.1	95.8	60.2	76.3	96.2	59.2	76.9	93.2	68.6
2003.....	75.2	95.7	58.9	75.6	96.2	57.8	74.7	91.4	67.0
2004.....	74.4	95.7	57.5	74.9	96.3	56.8	74.7	91.0	66.4
2005.....	74.8	95.5	58.4	75.1	96.4	57.2	74.7	90.6	67.0
2006.....	75.8	95.5	60.2	76.2	96.2	59.3	75.0	90.6	67.2
2007.....	75.6	95.9	59.2	76.0	96.4	58.3	74.8	92.8	65.7
2008.....	76.1	95.7	60.4	76.4	96.2	59.4	75.0	92.4	66.7

See note at end of table.

Table 9. Labor force participation rates by presence and age of youngest child, sex, race, and Hispanic or Latino ethnicity, 1996–2008 annual averages—Continued

(Percent)

Year	Asian			Hispanic or Latino ethnicity		
	Total	Men	Women	Total	Men	Women
With no children under 18 years						
1996.....	-	-	-	61.6	71.3	50.5
1997.....	-	-	-	62.6	72.1	51.4
1998.....	-	-	-	62.8	72.1	51.7
1999.....	-	-	-	62.5	71.6	52.2
2000.....	-	-	-	63.7	73.2	52.6
2001.....	-	-	-	63.0	72.4	52.6
2002.....	61.2	67.8	55.0	63.9	72.7	53.2
2003.....	59.7	66.4	53.7	62.8	72.1	51.5
2004.....	59.1	65.0	53.5	63.5	72.6	52.5
2005.....	59.9	66.0	54.3	63.0	72.1	51.9
2006.....	60.0	66.2	54.1	63.7	73.0	52.2
2007.....	60.2	66.6	54.0	63.7	72.8	52.4
2008.....	60.3	66.6	54.4	63.5	72.7	52.1
With children under 18 years						
1996.....	-	-	-	72.3	93.7	56.7
1997.....	-	-	-	74.0	93.4	59.6
1998.....	-	-	-	74.2	92.9	60.2
1999.....	-	-	-	74.6	93.8	60.3
2000.....	-	-	-	75.7	93.8	62.0
2001.....	-	-	-	75.7	93.6	62.0
2002.....	78.3	93.2	66.6	75.8	93.2	62.7
2003.....	78.9	93.5	67.0	75.1	93.4	61.2
2004.....	77.9	93.8	64.9	74.9	93.9	60.4
2005.....	77.9	93.1	65.6	74.5	94.2	59.6
2006.....	78.3	93.2	66.3	75.3	94.2	60.9
2007.....	78.9	93.1	67.1	76.5	94.8	61.4
2008.....	80.0	93.0	68.8	76.4	94.4	61.4
With children 6 to 17 years, none younger						
1996.....	-	-	-	77.3	92.3	66.7
1997.....	-	-	-	77.6	91.2	68.2
1998.....	-	-	-	77.5	90.6	68.1
1999.....	-	-	-	78.6	91.2	69.5
2000.....	-	-	-	79.3	91.5	70.5
2001.....	-	-	-	79.6	91.7	70.9
2002.....	82.6	91.6	75.7	79.0	91.1	70.2
2003.....	82.9	93.5	74.3	78.8	91.5	69.4
2004.....	82.6	93.8	73.4	79.6	92.8	70.2
2005.....	80.7	92.3	71.2	78.8	92.9	68.7
2006.....	80.8	91.8	72.0	79.1	92.6	69.4
2007.....	81.8	91.7	73.6	80.5	93.1	70.4
2008.....	82.7	91.8	74.9	80.4	93.2	70.0

See note at end of table.

Table 9. Labor force participation rates by presence and age of youngest child, sex, race, and Hispanic or Latino ethnicity, 1996–2008 annual averages—Continued

(Percent)

Year	Asian			Hispanic or Latino ethnicity		
	Total	Men	Women	Total	Men	Women
With children under 6 years						
1996.....	-	-	-	68.5	94.8	48.7
1997.....	-	-	-	70.9	95.1	52.3
1998.....	-	-	-	71.3	94.9	53.0
1999.....	-	-	-	71.2	95.9	52.1
2000.....	-	-	-	72.5	95.7	54.5
2001.....	-	-	-	72.2	95.2	53.8
2002.....	73.5	94.8	56.3	73.1	94.8	56.1
2003.....	74.2	93.4	58.5	71.9	94.9	53.4
2004.....	73.1	93.8	56.0	70.6	94.8	51.2
2005.....	74.9	94.0	59.3	70.6	95.4	50.9
2006.....	75.6	94.8	59.9	71.7	95.6	52.7
2007.....	75.8	94.8	59.9	72.9	96.1	53.0
2008.....	77.1	94.3	61.9	72.7	95.5	53.0
With children under 3 years						
1996.....	-	-	-	66.2	94.6	44.7
1997.....	-	-	-	68.6	94.6	48.0
1998.....	-	-	-	69.5	95.0	48.9
1999.....	-	-	-	68.8	96.2	47.4
2000.....	-	-	-	70.4	96.2	50.0
2001.....	-	-	-	69.7	95.3	48.7
2002.....	72.1	95.4	53.5	70.3	95.1	50.3
2003.....	73.0	94.5	55.1	69.5	95.2	47.9
2004.....	70.2	93.8	50.4	68.2	95.2	46.0
2005.....	72.4	92.9	55.8	67.7	96.0	45.0
2006.....	73.4	94.2	56.8	69.5	95.9	48.6
2007.....	73.6	94.2	56.2	69.9	96.0	47.6
2008.....	75.9	94.4	59.5	70.3	95.9	47.9

NOTE: Beginning in 2003, estimates for white, black or African American, and Asian race groups include persons who selected that race group only; previously, multiracial persons were included in the group they identified as the main race. Asian estimates for 2000–02 include Asian and Pacific Islanders; beginning in 2003, Asians are a separate category. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Children are "own" children and include sons, daughters, stepchildren, and adopted children. Not included are nieces, nephews, grandchildren, and other related and unrelated children. Dash indicates data not available.

Table 10. Unemployment rates by sex, race, and Hispanic or Latino ethnicity, 1972–2008 annual averages

(Percent)

Year	Total			White			Black or African American			Asian			Hispanic or Latino ethnicity		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1972.....	5.6	5.0	6.6	5.1	4.5	5.9	10.4	9.3	11.8	--	--	--	--	--	--
1973.....	4.9	4.2	6.0	4.3	3.8	5.3	9.4	8.0	11.1	--	--	--	7.5	6.7	9.0
1974.....	5.6	4.9	6.7	5.0	4.4	6.1	10.5	9.8	11.3	--	--	--	8.1	7.3	9.4
1975.....	8.5	7.9	9.3	7.8	7.2	8.6	14.8	14.8	14.8	--	--	--	12.2	11.4	13.5
1976.....	7.7	7.1	8.6	7.0	6.4	7.9	14.0	13.7	14.3	--	--	--	11.5	10.8	12.7
1977.....	7.1	6.3	8.2	6.2	5.5	7.3	14.0	13.3	14.9	--	--	--	10.1	9.0	11.9
1978.....	6.1	5.3	7.2	5.2	4.6	6.2	12.8	11.8	13.8	--	--	--	9.1	7.7	11.3
1979.....	5.8	5.1	6.8	5.1	4.5	5.9	12.3	11.4	13.3	--	--	--	8.3	7.0	10.3
1980.....	7.1	6.9	7.4	6.3	6.1	6.5	14.3	14.5	14.0	--	--	--	10.1	9.7	10.7
1981.....	7.6	7.4	7.9	6.7	6.5	6.9	15.6	15.7	15.6	--	--	--	10.4	10.2	10.8
1982.....	9.7	9.9	9.4	8.6	8.8	8.3	18.9	20.1	17.6	--	--	--	13.8	13.6	14.1
1983.....	9.6	9.9	9.2	8.4	8.8	7.9	19.5	20.3	18.6	--	--	--	13.7	13.6	13.8
1984.....	7.5	7.4	7.6	6.5	6.4	6.5	15.9	16.4	15.4	--	--	--	10.7	10.5	11.1
1985.....	7.2	7.0	7.4	6.2	6.1	6.4	15.1	15.3	14.9	--	--	--	10.5	10.2	11.0
1986.....	7.0	6.9	7.1	6.0	6.0	6.1	14.5	14.8	14.2	--	--	--	10.6	10.5	10.8
1987.....	6.2	6.2	6.2	5.3	5.4	5.2	13.0	12.7	13.2	--	--	--	8.8	8.7	8.9
1988.....	5.5	5.5	5.6	4.7	4.7	4.7	11.7	11.7	11.7	--	--	--	8.2	8.1	8.3
1989.....	5.3	5.2	5.4	4.5	4.5	4.5	11.4	11.5	11.4	--	--	--	8.0	7.6	8.8
1990.....	5.6	5.7	5.5	4.8	4.9	4.7	11.4	11.9	10.9	--	--	--	8.2	8.0	8.4
1991.....	6.8	7.2	6.4	6.1	6.5	5.6	12.5	13.0	12.0	--	--	--	10.0	10.3	9.6
1992.....	7.5	7.9	7.0	6.6	7.0	6.1	14.2	15.2	13.2	--	--	--	11.6	11.7	11.4
1993.....	6.9	7.2	6.6	6.1	6.3	5.7	13.0	13.8	12.1	--	--	--	10.8	10.6	11.0
1994.....	6.1	6.2	6.0	5.3	5.4	5.2	11.5	12.0	11.0	--	--	--	9.9	9.4	10.7
1995.....	5.6	5.6	5.6	4.9	4.9	4.8	10.4	10.6	10.2	--	--	--	9.3	8.8	10.0
1996.....	5.4	5.4	5.4	4.7	4.7	4.7	10.5	11.1	10.0	--	--	--	8.9	7.9	10.2
1997.....	4.9	4.9	5.0	4.2	4.2	4.2	10.0	10.2	9.9	--	--	--	7.7	7.0	8.9
1998.....	4.5	4.4	4.6	3.9	3.9	3.9	8.9	8.9	9.0	--	--	--	7.2	6.4	8.2
1999.....	4.2	4.1	4.3	3.7	3.6	3.8	8.0	8.2	7.8	--	--	--	6.4	5.6	7.6
2000.....	4.0	3.9	4.1	3.5	3.4	3.6	7.6	8.0	7.1	3.6	3.6	3.6	5.7	5.0	6.8
2001.....	4.7	4.8	4.7	4.2	4.2	4.1	8.6	9.3	8.1	4.5	4.5	4.4	6.6	5.9	7.5
2002.....	5.8	5.9	5.6	5.1	5.3	4.9	10.2	10.7	9.8	5.9	6.1	5.7	7.5	7.2	8.0
2003.....	6.0	6.3	5.7	5.2	5.6	4.8	10.8	11.6	10.2	6.0	6.2	5.7	7.7	7.2	8.4
2004.....	5.5	5.6	5.4	4.8	5.0	4.7	10.4	11.1	9.8	4.4	4.5	4.3	7.0	6.5	7.6
2005.....	5.1	5.1	5.1	4.4	4.4	4.4	10.0	10.5	9.5	4.0	4.0	3.9	6.0	5.4	6.9
2006.....	4.6	4.6	4.6	4.0	4.0	4.0	8.9	9.5	8.4	3.0	3.0	3.1	5.2	4.8	5.9
2007.....	4.6	4.7	4.5	4.1	4.2	4.0	8.3	9.1	7.5	3.2	3.1	3.4	5.6	5.3	6.1
2008.....	5.8	6.1	5.4	5.2	5.5	4.9	10.1	11.4	8.9	4.0	4.1	3.7	7.6	7.6	7.7

NOTE: Beginning in 2003, estimates for white, black or African American, and Asian race groups include persons who selected that race group only; previously, multiracial persons were included in the group they identified as the main race. Asian estimates for 2000–02 include Asian and Pacific Islanders; beginning in 2003, Asians are a separate category. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Dash indicates data not available.

Table 11. Unemployed persons by duration of unemployment, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages

Duration of unemployment	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over (In thousands).....	8,924	6,509	1,788	285	1,678
Percent.....	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks.....	32.8	35.0	25.3	30.6	36.8
5 to 14 weeks.....	31.4	31.4	31.3	31.2	31.2
15 to 26 weeks.....	16.0	15.5	17.7	16.3	14.7
27 weeks and over.....	19.7	18.0	25.7	21.9	17.3
Average (mean) duration, in weeks.....	17.9	16.7	21.7	20.4	16.0
Median duration, in weeks.....	9.4	8.8	12.1	10.2	8.4
Men, 16 years and over (In thousands).....	5,033	3,727	949	160	1,007
Percent.....	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks.....	33.3	35.4	25.8	28.6	38.4
5 to 14 weeks.....	30.5	30.6	29.8	31.4	30.3
15 to 26 weeks.....	16.1	15.8	17.5	16.9	14.7
27 weeks and over.....	20.1	18.2	26.9	23.1	16.6
Average (mean) duration, in weeks.....	18.0	16.8	22.2	20.9	15.3
Median duration, in weeks.....	9.5	8.8	12.4	10.8	8.1
Women, 16 years and over (In thousands).....	3,891	2,782	839	125	672
Percent.....	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks.....	32.3	34.5	24.7	33.2	34.3
5 to 14 weeks.....	32.6	32.5	33.0	31.0	32.7
15 to 26 weeks.....	15.8	15.2	17.9	15.5	14.6
27 weeks and over.....	19.3	17.8	24.4	20.2	18.4
Average (mean) duration, in weeks.....	17.7	16.6	21.1	19.7	16.9
Median duration, in weeks.....	9.3	8.7	11.7	9.5	8.7

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 12. Unemployed persons by reason for unemployment, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages

Reason for unemployment	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over (In thousands).....	8,924	6,509	1,788	285	1,678
Percent.....	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs.....	53.7	54.9	50.6	48.9	55.8
On temporary layoff.....	13.2	14.9	7.9	6.6	15.3
Not on temporary layoff.....	40.5	40.1	42.7	42.3	40.5
Permanent job losers.....	29.9	29.9	30.1	33.7	26.2
Persons who completed temporary jobs.....	10.6	10.1	12.6	8.6	14.3
Job leavers.....	10.0	10.4	8.2	11.7	8.6
Reentrants.....	27.7	26.7	31.2	27.9	25.8
New entrants.....	8.6	8.0	9.9	11.4	9.8
Men, 16 years and over (In thousands).....	5,033	3,727	949	160	1,007
Percent.....	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs.....	60.7	62.5	55.1	57.5	65.2
On temporary layoff.....	15.9	18.0	9.2	6.9	18.7
Not on temporary layoff.....	44.8	44.5	45.9	51.3	46.6
Permanent job losers.....	32.3	32.2	32.1	42.5	29.0
Persons who completed temporary jobs.....	12.5	12.4	13.9	8.8	17.6
Job leavers.....	9.1	9.3	7.8	11.3	8.0
Reentrants.....	22.4	21.2	26.8	20.6	19.3
New entrants.....	7.8	6.9	10.3	10.6	7.4
Women, 16 years and over (In thousands).....	3,891	2,782	839	125	672
Percent.....	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs.....	44.6	44.8	45.4	37.6	41.7
On temporary layoff.....	9.7	10.7	6.6	6.4	10.3
Not on temporary layoff.....	34.9	34.0	39.0	31.2	31.4
Permanent job losers.....	26.8	26.9	27.8	22.4	22.0
Persons who completed temporary jobs.....	8.1	7.2	11.2	8.0	9.4
Job leavers.....	11.3	11.8	8.8	12.0	9.4
Reentrants.....	34.6	34.0	36.4	37.6	35.7
New entrants.....	9.6	9.4	9.4	12.8	13.2

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 13. Persons in the labor force and not in the labor force by selected characteristics, 2008 annual averages

(Number in thousands)

Race, age, sex, and Hispanic origin	Civilian labor force ¹	Not in the labor force						Do not want job now
		Total	Want a job					
			Total ²	Searched for work in the prior year				
				Total	Available for work now ³			
Total	Discouraged workers ⁴	Other						
Total								
Total, 16 years and over.....	154,287	79,501	4,983	2,157	1,614	462	1,152	74,519
16 to 24 years.....	22,032	15,452	1,733	819	568	145	422	13,719
25 to 54 years.....	104,396	21,255	2,168	1,023	780	226	554	19,087
55 years and over.....	27,858	42,794	1,082	314	266	90	176	41,712
Men, 16 years and over.....	82,520	30,593	2,228	1,041	827	282	545	28,365
16 to 24 years.....	11,538	7,372	885	437	314	93	221	6,487
25 to 54 years.....	56,202	5,876	850	449	376	138	238	5,027
55 years and over.....	14,780	17,345	494	156	137	51	86	16,851
Women, 16 years and over.....	71,767	48,908	2,755	1,115	787	180	607	46,154
16 to 24 years.....	10,494	8,080	848	383	254	52	201	7,233
25 to 54 years.....	48,195	15,379	1,319	574	404	88	315	14,060
55 years and over.....	13,078	25,449	588	158	129	39	90	24,861
White								
Total, 16 years and over.....	125,635	63,905	3,596	1,501	1,097	293	804	60,309
16 to 24 years.....	17,786	11,212	1,216	559	370	84	285	9,996
25 to 54 years.....	83,922	16,346	1,531	701	525	143	382	14,815
55 years and over.....	23,927	36,347	850	241	203	66	137	35,497
Men, 16 years and over.....	68,351	24,374	1,594	720	559	176	383	22,780
16 to 24 years.....	9,394	5,347	621	298	203	53	150	4,726
25 to 54 years.....	46,056	4,258	580	300	248	85	163	3,678
55 years and over.....	12,901	14,769	393	122	108	38	70	14,376
Women, 16 years and over.....	57,284	39,531	2,002	781	538	117	421	37,529
16 to 24 years.....	8,392	5,865	595	261	166	31	135	5,270
25 to 54 years.....	37,866	12,088	951	401	277	58	219	11,137
55 years and over.....	11,026	21,578	457	119	95	28	67	21,121
Black or African American								
Total, 16 years and over.....	17,740	10,103	964	466	382	129	253	9,139
16 to 24 years.....	2,767	2,822	369	192	153	51	102	2,453
25 to 54 years.....	12,589	3,054	427	223	184	61	123	2,627
55 years and over.....	2,384	4,227	168	50	45	16	28	4,059
Men, 16 years and over.....	8,347	4,169	438	225	195	81	114	3,731
16 to 24 years.....	1,369	1,337	180	99	83	34	49	1,157
25 to 54 years.....	5,901	1,146	188	104	92	40	53	958
55 years and over.....	1,077	1,686	70	22	20	8	12	1,616
Women, 16 years and over.....	9,393	5,934	526	241	187	48	139	5,408
16 to 24 years.....	1,399	1,485	189	94	71	18	53	1,296
25 to 54 years.....	6,688	1,909	239	119	92	22	70	1,670
55 years and over.....	1,307	2,540	98	29	25	9	16	2,443

See notes at end of table.

Table 13. **Persons in the labor force and not in the labor force by selected characteristics, 2008 annual averages—Continued**

(Number in thousands)

Race, age, sex, and Hispanic origin	Civilian labor force ¹	Not in the labor force						Do not want job now
		Total	Want a job				Do not want job now	
			Total ²	Searched for work in the prior year				
				Total	Available for work now ³			
Total	Discouraged workers ⁴	Other						
Asians								
Total, 16 years and over.....	7,202	3,549	213	91	66	21	45	3,336
16 to 24 years.....	683	819	54	24	15	4	11	765
25 to 54 years.....	5,408	1,207	116	51	38	11	27	1,091
55 years and over.....	1,110	1,523	43	16	13	6	7	1,480
Men, 16 years and over.....	3,852	1,260	102	50	38	13	25	1,158
16 to 24 years.....	353	400	32	14	10	3	7	368
25 to 54 years.....	2,921	268	48	27	21	7	14	220
55 years and over.....	578	592	22	9	7	4	3	570
Women, 16 years and over.....	3,350	2,289	111	41	28	7	20	2,178
16 to 24 years.....	330	419	22	9	5	1	4	397
25 to 54 years.....	2,488	938	68	25	16	4	12	870
55 years and over.....	532	932	21	7	6	2	4	911
Hispanic or Latino ethnicity								
Total, 16 years and over.....	22,024	10,116	831	339	258	77	181	9,286
16 to 24 years.....	3,789	2,873	334	151	115	31	84	2,539
25 to 54 years.....	16,117	3,913	394	158	118	40	78	3,519
55 years and over.....	2,118	3,331	103	29	26	7	19	3,228
Men, 16 years and over.....	13,255	3,270	315	145	118	41	77	2,954
16 to 24 years.....	2,220	1,224	148	71	55	18	38	1,075
25 to 54 years.....	9,813	781	124	59	49	20	29	658
55 years and over.....	1,222	1,264	43	15	14	4	11	1,221
Women, 16 years and over.....	8,769	6,847	516	193	140	36	104	6,331
16 to 24 years.....	1,569	1,649	186	80	59	13	47	1,463
25 to 54 years.....	6,304	3,131	270	99	69	20	49	2,862
55 years and over.....	896	2,066	60	14	12	4	8	2,006

¹ The sum of the employed plus the unemployed.

² Includes those who did not actively look for work in the prior 4 weeks for such reasons as school or family responsibilities, ill health, and transportation problems, as well as a small number for whom reason for nonparticipation was not determined.

³ Refers to persons who have searched for work during the prior 12 months (but not the prior 4 weeks) and were available to take a job during the reference week, also are referred to as "marginally attached to the labor force."

⁴ Includes the following reasons for not actively looking for work in the prior 4 weeks: Thinks no work available, could not find work, lacks schooling or training, employer thinks too young or old, and other types of discrimination.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 14. Median usual weekly earnings of full-time wage and salary workers by sex, race, and Hispanic or Latino ethnicity, 1979–2008 annual averages

Years	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
	Total, both sexes				
1979.....	\$241	\$248	\$199	—	\$194
1980.....	262	269	212	—	209
1981.....	284	291	235	—	223
1982.....	302	310	245	—	240
1983.....	313	320	261	—	250
1984.....	326	336	269	—	259
1985.....	344	356	277	—	270
1986.....	359	371	291	—	277
1987.....	374	384	301	—	285
1988.....	385	395	314	—	290
1989.....	399	409	319	—	298
1990.....	412	424	329	—	304
1991.....	426	442	348	—	312
1992.....	440	458	357	—	321
1993.....	459	475	369	—	331
1994.....	467	484	371	—	324
1995.....	479	494	383	—	329
1996.....	490	506	387	—	339
1997.....	503	519	400	—	351
1998.....	523	545	426	—	370
1999.....	549	573	445	—	385
2000.....	576	590	474	\$615	399
2001.....	596	610	491	639	417
2002.....	608	623	498	658	424
2003.....	620	636	514	693	440
2004.....	638	657	525	708	456
2005.....	651	672	520	753	471
2006.....	671	690	554	784	486
2007.....	695	716	569	830	503
2008.....	722	742	589	861	529

See note at end of table.

Table 14. Median usual weekly earnings of full-time wage and salary workers by sex, race, and Hispanic or Latino ethnicity, 1979–2008 annual averages—Continued

Years	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Men					
1979.....	\$292	\$298	\$227	—	\$219
1980.....	313	320	244	—	234
1981.....	340	350	268	—	251
1982.....	364	375	278	—	269
1983.....	379	387	294	—	274
1984.....	392	401	303	—	287
1985.....	407	418	305	—	296
1986.....	419	433	319	—	299
1987.....	434	450	327	—	306
1988.....	449	465	348	—	308
1989.....	468	482	348	—	315
1990.....	481	494	361	—	318
1991.....	493	506	375	—	323
1992.....	501	514	380	—	339
1993.....	510	524	392	—	346
1994.....	522	547	400	—	343
1995.....	538	566	411	—	350
1996.....	557	580	412	—	356
1997.....	579	595	432	—	371
1998.....	598	615	468	—	390
1999.....	618	638	488	—	406
2000.....	641	662	510	\$685	417
2001.....	670	689	529	732	440
2002.....	679	702	524	756	451
2003.....	695	715	555	772	464
2004.....	713	732	569	802	480
2005.....	722	743	559	825	489
2006.....	743	761	591	882	505
2007.....	766	788	600	936	520
2008.....	798	825	620	966	559

See note at end of table.

Table 14. Median usual weekly earnings of full-time wage and salary workers by sex, race, and Hispanic or Latino ethnicity, 1979–2008 annual averages—Continued

Years	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
	Women				
1979.....	\$182	\$184	\$169	—	\$157
1980.....	201	203	185	—	172
1981.....	219	221	206	—	190
1982.....	239	242	217	—	203
1983.....	252	254	232	—	215
1984.....	265	268	241	—	223
1985.....	277	281	252	—	230
1986.....	291	294	264	—	241
1987.....	303	307	276	—	251
1988.....	315	318	288	—	260
1989.....	328	334	301	—	269
1990.....	346	353	308	—	278
1991.....	366	373	323	—	292
1992.....	380	387	335	—	302
1993.....	393	401	348	—	313
1994.....	399	408	346	—	305
1995.....	406	415	355	—	305
1996.....	418	428	362	—	316
1997.....	431	444	375	—	318
1998.....	456	468	400	—	337
1999.....	473	483	409	—	348
2000.....	493	502	429	\$547	366
2001.....	512	522	454	563	388
2002.....	529	547	473	566	397
2003.....	552	567	491	598	410
2004.....	573	584	505	613	419
2005.....	585	596	499	665	429
2006.....	600	609	519	699	440
2007.....	614	626	533	731	473
2008.....	638	654	554	753	501

See note at end of table.

Table 14. Median usual weekly earnings of full-time wage and salary workers by sex, race, and Hispanic or Latino ethnicity, 1979–2008 annual averages—Continued

Years	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Women's earnings as a percent of men's					
1979.....	62.3	61.7	74.4	—	71.7
1980.....	64.2	63.4	75.8	—	73.5
1981.....	64.4	63.1	76.9	—	75.7
1982.....	65.7	64.5	78.1	—	75.5
1983.....	66.5	65.6	78.9	—	78.5
1984.....	67.6	66.8	79.5	—	77.7
1985.....	68.1	67.2	82.6	—	77.7
1986.....	69.5	67.9	82.8	—	80.6
1987.....	69.8	68.2	84.4	—	82.0
1988.....	70.2	68.4	82.8	—	84.4
1989.....	70.1	69.3	86.5	—	85.4
1990.....	71.9	71.5	85.3	—	87.4
1991.....	74.2	73.7	86.1	—	90.4
1992.....	75.8	75.3	88.2	—	89.1
1993.....	77.1	76.5	88.8	—	90.5
1994.....	76.4	74.6	86.5	—	88.9
1995.....	75.5	73.3	86.4	—	87.1
1996.....	75.0	73.8	87.9	—	88.8
1997.....	74.4	74.6	86.8	—	85.7
1998.....	76.3	76.1	85.5	—	86.4
1999.....	76.5	75.7	83.8	—	85.7
2000.....	76.9	75.8	84.1	79.9	87.8
2001.....	76.4	75.8	85.8	76.9	88.2
2002.....	77.9	77.9	90.3	74.9	88.0
2003.....	79.4	79.3	88.5	77.5	88.4
2004.....	80.4	79.8	88.8	76.4	87.3
2005.....	81.0	80.2	89.3	80.6	87.7
2006.....	80.8	80.0	87.8	79.3	87.1
2007.....	80.2	79.4	88.8	78.1	91.0
2008.....	79.9	79.3	89.4	78.0	89.6

NOTE: Beginning in 2003, estimates for white, black or African American, and Asian race groups include persons who selected that race group only; previously, multiracial persons were included in the group they identified as the main race. Asian estimates for 2000–02 include Asian and Pacific Islanders; beginning in 2003, Asians are a separate category. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Dash indicates data not available.

Table 15. **Median usual weekly earnings of full-time wage and salary workers by educational attainment, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages**

Educational attainment, race, and Hispanic or Latino ethnicity	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 25 years and over.....	\$761	\$784	\$611	\$895	\$568
Less than a high school diploma.....	453	466	408	419	422
High school graduates, no college ¹	618	643	515	568	553
Some college, no degree.....	699	723	600	689	640
Associate degree.....	757	782	623	706	704
Bachelor's degree and higher ²	1,115	1,133	912	1,167	945
Men, 25 years and over.....	857	883	654	999	591
Less than a high school diploma.....	497	502	449	485	472
High school graduates, no college ¹	709	738	581	600	603
Some college, no degree.....	803	836	663	725	696
Associate degree.....	883	914	668	770	795
Bachelor's degree and higher ²	1,285	1,329	966	1,349	1,059
Women, 25 years and over.....	670	688	582	771	518
Less than a high school diploma.....	378	378	382	383	360
High school graduates, no college ¹	520	535	480	521	479
Some college, no degree.....	611	621	567	640	585
Associate degree.....	661	678	592	651	628
Bachelor's degree and higher ²	955	961	862	996	852

¹ Includes persons with a high school diploma or equivalent.

² Includes persons with bachelor's, master's, professional, and doctoral degrees.

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Table 16. Median usual weekly earnings of full-time wage and salary workers by occupation, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over.....	\$722	\$742	\$589	\$861	\$529
Management, professional, and related occupations.....	1,025	1,043	814	1,233	873
Management, business, and financial operations occupations.....	1,128	1,147	866	1,250	906
Management occupations.....	1,204	1,231	899	1,442	941
Business and financial operations occupations.....	974	998	823	1,024	857
Professional and related occupations.....	980	989	780	1,225	855
Computer and mathematical occupations.....	1,242	1,238	957	1,406	1,124
Architecture and engineering occupations.....	1,244	1,252	942	1,415	1,096
Life, physical, and social science occupations.....	1,035	1,069	785	1,028	944
Community and social services occupations.....	788	808	708	956	735
Legal occupations.....	1,174	1,231	857	1,272	908
Education, training, and library occupations.....	866	881	727	958	776
Arts, design, entertainment, sports, and media occupations.....	882	904	743	846	797
Healthcare practitioner and technical occupations.....	962	966	770	1,139	835
Service occupations.....	475	482	447	488	412
Healthcare support occupations.....	465	473	433	540	453
Protective service occupations.....	748	794	599	873	716
Food preparation and serving related occupations.....	402	401	388	467	395
Building and grounds cleaning and maintenance occupations.....	431	434	422	473	396
Personal care and service occupations.....	475	481	462	460	420
Sales and office occupations.....	614	623	557	654	542
Sales and related occupations.....	656	692	507	653	524
Office and administrative support occupations.....	601	604	578	654	549
Natural resources, construction, and maintenance occupations.....	702	709	635	746	534
Farming, fishing, and forestry occupations.....	420	432	341	365	371
Construction and extraction occupations.....	688	696	599	697	546
Installation, maintenance, and repair occupations.....	774	785	688	792	626
Production, transportation, and material moving occupations.....	594	610	521	531	485
Production occupations.....	595	611	520	521	481
Transportation and material moving occupations.....	593	609	521	561	492

See note at end of table.

Table 16. **Median usual weekly earnings of full-time wage and salary workers by occupation, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages—Continued**

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Men, 16 years and over.....	\$798	\$825	\$620	\$966	\$559
Management, professional, and related occupations.....	1,238	1,255	892	1,403	1,002
Management, business, and financial operations occupations.....	1,343	1,363	913	1,440	992
Management occupations.....	1,384	1,403	976	1,556	998
Business and financial operations occupations.....	1,167	1,220	879	1,170	977
Professional and related occupations.....	1,169	1,182	881	1,387	1,012
Computer and mathematical occupations.....	1,320	1,295	1,052	1,446	1,155
Architecture and engineering occupations.....	1,286	1,299	952	1,469	1,120
Life, physical, and social science occupations.....	1,156	1,191	732	1,342	1,081
Community and social services occupations.....	860	890	686	969	765
Legal occupations.....	1,696	1,739	1,072	1,159	1,448
Education, training, and library occupations.....	1,020	1,035	888	1,135	980
Arts, design, entertainment, sports, and media occupations.....	951	974	804	999	847
Healthcare practitioner and technical occupations.....	1,210	1,236	926	1,454	968
Service occupations.....	537	551	500	518	448
Healthcare support occupations.....	512	506	510	676	452
Protective service occupations.....	794	834	651	1,076	760
Food preparation and serving related occupations.....	432	430	406	474	417
Building and grounds cleaning and maintenance occupations.....	488	492	460	500	416
Personal care and service occupations.....	591	606	558	527	520
Sales and office occupations.....	733	758	592	705	591
Sales and related occupations.....	796	828	587	748	642
Office and administrative support occupations.....	651	671	594	658	534
Natural resources, construction, and maintenance occupations.....	705	712	630	766	541
Farming, fishing, and forestry occupations.....	427	441	327	367	380
Construction and extraction occupations.....	688	695	585	700	544
Installation, maintenance, and repair occupations.....	774	785	681	803	623
Production, transportation, and material moving occupations.....	637	658	559	585	514
Production occupations.....	659	675	587	588	516
Transportation and material moving occupations.....	615	637	525	577	513

See note at end of table.

Table 16. Median usual weekly earnings of full-time wage and salary workers by occupation, sex, race, and Hispanic or Latino ethnicity, 2008 annual averages—Continued

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Women, 16 years and over.....	\$638	\$654	\$554	\$753	\$501
Management, professional, and related occupations.....	892	900	763	1,041	775
Management, business, and financial operations occupations.....	941	948	838	1,059	821
Management occupations.....	979	990	868	1,224	832
Business and financial operations occupations.....	885	891	779	982	809
Professional and related occupations.....	867	875	722	1,033	761
Computer and mathematical occupations.....	1,088	1,097	899	1,256	905
Architecture and engineering occupations.....	1,001	1,008	885	1,019	1,036
Life, physical, and social science occupations.....	931	928	859	946	797
Community and social services occupations.....	753	759	713	946	718
Legal occupations.....	962	965	785	1,460	791
Education, training, and library occupations.....	818	836	659	876	737
Arts, design, entertainment, sports, and media occupations.....	777	797	630	773	737
Healthcare practitioner and technical occupations.....	909	919	729	1,047	777
Service occupations.....	418	418	418	453	383
Healthcare support occupations.....	459	469	425	506	453
Protective service occupations.....	594	638	521	606	531
Food preparation and serving related occupations.....	376	374	376	423	360
Building and grounds cleaning and maintenance occupations.....	383	375	401	420	357
Personal care and service occupations.....	441	450	419	422	388
Sales and office occupations.....	578	581	535	626	519
Sales and related occupations.....	516	528	439	575	433
Office and administrative support occupations.....	590	592	571	653	556
Natural resources, construction, and maintenance occupations.....	607	609	813	525	399
Farming, fishing, and forestry occupations.....	392	406	363	363	341
Construction and extraction occupations.....	747	726	921	223	718
Installation, maintenance, and repair occupations.....	779	773	921	678	750
Production, transportation, and material moving occupations.....	462	467	441	467	382
Production occupations.....	464	472	430	470	386
Transportation and material moving occupations.....	455	449	488	440	372

NOTE: Estimates for the above race groups (white, black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race.

Technical Note

The estimates in this report were obtained from the Current Population Survey (CPS), a national monthly sample survey of approximately 60,000 households that provides a wide range of information on the labor force, employment, and unemployment. Earnings data are collected from one-fourth of the CPS monthly sample. The survey is conducted for the U.S. Bureau of Labor Statistics (BLS) by the U.S. Census Bureau, using a scientifically selected national sample with coverage in all 50 States and the District of Columbia.

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Concepts and definitions

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 confined to institutions such as nursing homes and prisons, 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, 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) all those who were not working but who had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, childcare 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 sometime 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. Mean duration is the arithmetic average computed from single weeks of unemployment; median duration is the midpoint of a distribution of weeks of unemployment.

Reason for unemployment. Unemployment also is categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into four major groups:

- (1) *Job losers*, comprising (a) persons on temporary lay-off, 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), (b) permanent job losers, whose employment ended involuntarily and who began looking for work, and (c) persons who completed temporary jobs, who began looking for work after the jobs ended;
- (2) *Job leavers*, persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work;
- (3) *Reentrants*, persons who previously worked but who were out of the labor force prior to beginning their job search; and
- (4) *New entrants*, persons who had never worked.

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

Unemployment rate. This represents the number of unemployed persons 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.

Not in the labor force. Included in this group are all persons in the civilian noninstitutional population who are neither

employed nor unemployed. The marginally attached are persons not in the labor force who wanted and were available for work and had looked for a job sometime in the prior 12 months (or since the end of their last job if they held one within the past 12 months). They were not counted as unemployed because they had not searched for work in the 4 weeks preceding the survey. Discouraged workers are a subset of the marginally attached who were not currently looking for work specifically because they believed no jobs were available for them.

Occupation, industry, and class of worker. 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. Beginning in 2003, the occupational and industrial classification of CPS data is based on the 2002 Census Bureau occupational and industrial classification systems, which are derived from the 2000 Standard Occupational Classification (SOC) and the 2002 North American Industry Classification System (NAICS). (Consistent data are available back to 2000. Earlier data use a different classification system.)

White, black or African American, and Asian. These are terms used to describe the race of persons. Beginning in 2003, persons in these categories are those who selected that race group only. (Previously, persons identified a group as their main race.) Persons in the remaining race categories—American Indian or Alaska Native, Native Hawaiian or Other Pacific Islanders, and persons who selected more than one race category—are included in the estimates of total employment and unemployment but are not shown separately because the number of survey respondents is too small to develop estimates of sufficient quality. In the enumeration process, race is determined by the household respondent. More information on the 2003 changes in questions on race and Hispanic ethnicity is available on the BLS Web site at <http://www.bls.gov/cps/rvcps03.pdf>.

Hispanic or Latino ethnicity. This refers to persons who identified themselves in the enumeration process as being Spanish, Hispanic, or Latino. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. More information on the 2003 changes in questions on race and Hispanic ethnicity is available online at <http://www.bls.gov/cps/rvcps03.pdf>.

Usual weekly earnings. Data represent earnings before taxes and other deductions, and include any overtime pay, commissions, or tips usually received (at the main job, in the case of multiple jobholders). Earnings reported on a basis other than weekly (for example, annual, monthly, hourly) are converted to weekly. The term “usual” is as perceived by the

respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months. Data refer to the sole or primary job of wage and salary workers (excluding all self-employed persons regardless of whether their businesses were incorporated).

Median earnings. These figures indicate the value that divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls.

Family. A family is defined as a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is never married, widowed, divorced, or separated.

Children. Data on children refer to one’s own children and include sons, daughters, stepchildren, and adopted children. Not included are nieces, nephews, grandchildren, other related children, and all unrelated children living in the household.

Reliability of the estimates

Statistics based on the CPS are subject to both sampling and nonsampling error. When a sample, rather than an entire population, is surveyed, there is a chance that the sample estimates may differ from the “true” population values they represent. The exact difference, or *sampling error*, varies depending on the particular sample selected, and this variability is measured by the standard error of the estimate. There is about a 90-percent chance, or level of confidence, that an estimate based on a sample will differ by no more than 1.6 standard errors from the “true” population value because of sampling error. BLS analyses are generally conducted at the 90-percent level of confidence.

All other types of error are referred to as *nonsampling error*. Nonsampling error can occur for many reasons, including the failure to sample a segment of the population, inability to obtain information for all respondents in the sample, inability or unwillingness of respondents to provide correct information, and errors made in the collection or processing of data.

For a full discussion of the reliability of data from the CPS and information on estimating standard errors, see the Household Data section of “Explanatory Notes and Estimates of Error” in *Employment and Earnings*, on the BLS Web site at http://www.bls.gov/cps/eetech_methods.pdf.