

Labor Force Characteristics by Race and Ethnicity, 2007

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Layout by Phyllis Lott and edited by
Monica Gabor of the Office of Publications

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Overview

Labor market characteristics vary dramatically according to race and ethnicity. While workers in all groups experience labor market difficulties, Blacks and Hispanics disproportionately suffer from serious labor market problems. This occurs despite gains in average educational attainment and increased representation in higher-paying occupations among these groups. Blacks and Hispanics are more likely than Whites or Asians to be unemployed. When employed, Blacks and Hispanics are much more likely than Whites or Asians to be working in lower-paying occupations.

The labor market problems of Blacks and Hispanics are associated with many factors, not all of which are measurable. These include their lower average levels of schooling; their tendency to be employed in occupations that are subject to higher rates of unemployment; their greater concentration in the central cities of our urban areas, where job opportunities may be relatively limited; and the likelihood that they experience discrimination in the workplace.

This report describes the labor force characteristics and earnings patterns for the major race and ethnicity groups and provides detailed data through a set of supporting tables. The 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 further information about the CPS, see the explanatory note for the household survey online at: http://www.bls.gov/cps/eetech_methods.pdf.

Employment

- Blacks are less likely to be employed than Whites, Asians, or Hispanics. In 2007, the employment-population ratio (the proportion of the population that is employed) for Blacks was 58.4 percent, compared with 63.6 percent for Whites, 64.3 percent for Asians, and 64.9 percent for Hispanics. Since their most recent peaks in 2000, the employment-population ratios for the major race and ethnicity groups have edged lower. (See tables 1 and 2.)
- Among adult men (ages 20 and over), the employment-population ratio for Blacks, at 65.5 percent, was lower than the rate for Whites (73.5 percent) in 2007, continuing a long-term trend. In

contrast, among adult women, this ratio was slightly higher for Blacks (59.8 percent) than for Whites (57.9 percent); this relationship for Black and White women has held since 1996, as it did in the 1970s.

- Hispanic men have had higher employment-population ratios than Black, White, or Asian men, while Hispanic women historically have had lower employment-population ratios than Black, White, or Asian women. The employment-population ratios for adult Hispanic men and women were 80.7 and 55.6 percent, respectively, in 2007. The rates were 76.2 percent for adult Asian men and 58.8 percent for adult Asian women.
- Minority teenagers (ages 16 to 19) tend to have relatively low employment-population ratios compared with Whites. In 2007, the ratios for Black and Asian teens (each 21.4 percent) and Hispanic teens (30.4 percent) were lower than that of White teens (38.3 percent).

Education

- Nine out of 10 Blacks and Asians in the labor force (25 years of age and over) had received at least a high school diploma—the same proportion as Whites—in 2007. In contrast, only two-thirds of Hispanics had completed high school. Asians were most likely to have graduated from college—58 percent had a bachelor's degree or higher compared with 34 percent of Whites, 24 percent of Blacks, and 15 percent of Hispanics. (See table 3.) While Black and Hispanic workers remain less likely than Whites and Asians to have obtained a college degree, the proportion of college graduates for all groups has increased over time.
- For all groups, higher levels of education are associated with a greater likelihood of being employed and a lower likelihood of being unemployed. Nonetheless, at nearly every level of education, Blacks and Hispanics are more likely to be unemployed than their Asian or White counterparts.

Occupation and industry

- As Blacks' and Hispanics' education levels have risen, both groups have continued to move into

high-skilled, relatively high-paying occupations. However, the proportions of the two groups holding management, professional, and related occupations—the highest-paying job category—still are smaller than the proportions for Whites and Asians. In 2007, nearly half (49 percent) of Asian men worked in management, professional, and related occupations, compared with 33 percent of White men, 22 percent of Black men, and 14 percent of Hispanic men. (See table 4.)

- About 4 in 10 Black men were employed in service occupations and sales and office jobs in 2007, compared with about 3 in 10 of Hispanic, Asian, and White men. Black men also were more likely than other men to work in production, transportation, and material moving occupations. More than one-half of Hispanic men were employed in two job groups in 2007—natural resources, construction, and maintenance occupations; and production, transportation, and material-moving occupations.
- Among women in 2007, Asians were more likely than other groups to be employed in managerial and professional occupations. Nearly half (47 percent) of Asian women were employed as managers and professionals, compared with about 40 percent of Whites, 31 percent of Blacks, and 23 percent of Hispanics. In contrast, nearly two-thirds (64 percent) of Hispanic women worked in service occupations and in sales and office jobs, compared with about 60 percent of Blacks, 54 percent of Whites, and 45 percent of Asians.
- Blacks made up about 11 percent of all workers in 2007, but they accounted for about one-quarter or more of several specific occupations, including nursing aides (34 percent), security guards and bus drivers (about 30 percent each), and corrections officers (24 percent). Asians, who account for about 5 percent of all workers, made up a disproportionate share of computer software engineers (29 percent), computer programmers (20 percent), computer scientists and system analysts (16 percent), and sewing machine operators (14 percent). Hispanics, who account for 14 percent of all workers, were substantially overrepresented in several job categories, including ground maintenance workers (44 percent), maids and housekeeping cleaners (40 percent), cooks (31 percent), and construction and extraction workers (30 percent). (See table 5.)
- In terms of industry composition, Blacks were more likely than other race and ethnic groups to be employed in education and health services, transportation and utilities, and public administration. Hispanic men were very heavily concentrated in

construction. Hispanics were more likely than other groups to be employed in the leisure and hospitality sector. Asians were more heavily represented in professional and business services and in durable goods manufacturing. (See table 6.)

Families and mothers

- Asian families were more likely to have at least one employed member (90 percent) than Hispanic (87 percent), White (83 percent), or Black (78 percent) families in 2006. (See table 7.)
- Families maintained by women (with no spouse present) are less likely to have an employed member than other families. Nearly one-half of Black families and almost one-quarter of Hispanic families were maintained by women in 2006. About 1 in every 7 Asian and White families was maintained by women.
- Historically, Black mothers with children under 18 have been more likely than White mothers to be in the labor force. In 2006, about 77 percent of Black mothers, compared with 70 percent of White mothers, were labor force participants. In contrast, Hispanic women with children under 18 typically have lower levels of labor force participation than either Black or White mothers. Sixty-one percent of Hispanic mothers were in the labor force in 2006. Asian mothers (66 percent) were more likely than Hispanic mothers, but less likely than Black or White mothers, to be in the labor force. Since 1996, the participation rates of Black and Hispanic mothers have grown by 3.6 and 4.2 percentage points, respectively, while the rate for White mothers has remained about the same. (See table 8.)

Unemployment and not in the labor force

- Among the major race and ethnicity groups, Blacks had the highest unemployment rate, at 8.3 percent in 2007, compared with 5.6 percent for Hispanics, 4.1 percent for Whites, and 3.2 percent for Asians. Historically, the jobless rate for Blacks has been more than twice that for Whites, while the unemployment rate for Hispanics has hovered between the rates for Whites and Blacks. (See tables 1 and 9.)
- The higher unemployment rates for Blacks and Hispanics occur across all major age and sex groups. In 2007, the rates for Black adult men and women were 7.9 and 6.7 percent, respectively, compared with 4.6 and 5.5 percent for Hispanic adult men and women, respectively. The unemployment rates were 3.7 percent for White adult men and 3.6 percent for White adult women. Among teenagers, a group especially vulnerable to joblessness, Blacks had

the highest unemployment rate—29.4 percent in 2007, compared with 18.1 percent for Hispanics, 13.9 percent for Whites, and 12.7 percent for Asians.

- Not only are Blacks more likely than other groups to be unemployed, those who are unemployed have spent more time looking for work. In 2007, the median duration of unemployment for Blacks was 11.1 weeks, compared to 8.7 weeks for Asians, 7.9 weeks for Whites, and 7.3 weeks for Hispanics. (See table 10.)
- Blacks and Asians who were unemployed were more likely than Whites or Hispanics to be outside the labor force before their job search (a category of the unemployed called reentrants). Blacks, Asians, and Hispanics were more likely than Whites to be looking for their first job (new entrants). (See table 11.)
- Black men are more likely than other men to be out of the labor force, that is, neither employed nor unemployed. Among men age 25 to 54, the proportion of Blacks who did not participate in the labor force was 16.3 percent in 2007—about double that of their White, Asian, and Hispanic counterparts. Among women of the same age, the percentage of Blacks not in the labor force was about the same as that for Whites and was slightly lower than that for Asians or Hispanics.
- In 2007, Blacks made up 12 percent of the civilian noninstitutional population, but a much higher share (25 percent) of marginally attached workers. Hispanics and Asians were about proportionately represented among the marginally attached. Marginally attached workers 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 prior 12 months (but not in the past month). Blacks also comprised a high proportion of discouraged workers—one-third in 2007. Discouraged workers, a subset of the marginally attached, were not currently looking for work specifically because they believed no jobs were available for them.

Earnings

- Earnings rise with education for all race and ethnicity groups. However, despite rising educational attainment and corresponding movement into higher-paying occupations, Blacks' and Hispanics' earnings remain considerably below those of Whites and Asians. In 2007, the median usual weekly earnings of full-time wage and salary workers were \$830 for Asians, compared with \$716 for Whites, \$569 for Blacks, and \$503 for Hispanics. Earnings of Black men (\$600) and Hispanic men (\$520) were 76 and 66 percent, respectively, of the earnings of their White counterparts (\$788). Earnings of Black women (\$533) also were less than those of White women (\$626), but the ratio (85 percent) was higher than that of their male counterparts. Median earnings for Hispanic women were \$473, about 76 percent of White women's earnings. (See tables 12 and 13.)
- For men, the earnings disparity between Black or Hispanic workers and Asian or White workers occurs across all major occupational groups. For example, in 2007, median usual weekly earnings of Asian men (\$1,342) and White men (\$1,211) working full time in management, professional, and related occupations were well above the earnings of Hispanic men (\$985) and Black men (\$899) in those occupations. Toward the other end of the earnings spectrum, Hispanic and Black men employed in production, transportation, and material moving occupations had median earnings of \$494 and \$531 per week, respectively, which were less than the earnings of their White (\$634) or Asian (\$608) counterparts. (See table 14.)
- Among women, the earnings gap is generally smaller than that for men, and, in some major occupational categories, earnings levels are fairly close. In managerial and professional occupations, for example, earnings of Black women (\$740) and Hispanic women (\$744) were around 85 percent of those of White women (\$868). Asian women had the highest earnings in most occupational categories.

Table 1. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic or Latino ethnicity, 2007 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	231,867	188,253	27,485	10,633	31,383
Civilian labor force	153,124	124,935	17,496	7,067	21,602
Percent of population.....	66.0	66.4	63.7	66.5	68.8
Employed	146,047	119,792	16,051	6,839	20,382
Percent of population.....	63.0	63.6	58.4	64.3	64.9
Unemployed	7,078	5,143	1,445	229	1,220
Unemployment rate	4.6	4.1	8.3	3.2	5.6
Not in labor force.....	78,743	63,319	9,989	3,566	9,781
Men, 16 years and over					
Civilian noninstitutional population	112,173	92,073	12,361	5,052	16,154
Civilian labor force	82,136	68,158	8,252	3,796	13,005
Percent of population.....	73.2	74.0	66.8	75.1	80.5
Employed	78,254	65,289	7,500	3,677	12,310
Percent of population.....	69.8	70.9	60.7	72.8	76.2
Unemployed	3,882	2,869	752	119	695
Unemployment rate	4.7	4.2	9.1	3.1	5.3
Not in labor force.....	30,036	23,915	4,110	1,256	3,149
Men, 20 years and over					
Civilian noninstitutional population	103,555	85,420	11,057	4,737	14,649
Civilian labor force	78,596	65,214	7,867	3,718	12,403
Percent of population.....	75.9	76.3	71.2	78.5	84.7
Employed	75,337	62,806	7,245	3,608	11,827
Percent of population.....	72.8	73.5	65.5	76.2	80.7
Unemployed	3,259	2,408	622	110	576
Unemployment rate	4.1	3.7	7.9	3.0	4.6
Not in labor force.....	24,959	20,206	3,189	1,019	2,246
Women, 16 years and over					
Civilian noninstitutional population	119,694	96,180	15,124	5,581	15,229
Civilian labor force	70,988	56,777	9,244	3,271	8,597
Percent of population.....	59.3	59.0	61.1	58.6	56.5
Employed	67,792	54,503	8,551	3,162	8,072
Percent of population.....	56.6	56.7	56.5	56.6	53.0
Unemployed	3,196	2,274	693	110	525
Unemployment rate	4.5	4.0	7.5	3.4	6.1
Not in labor force.....	48,707	39,403	5,879	2,310	6,632
Women, 20 years and over					
Civilian noninstitutional population	111,330	89,790	13,788	5,265	13,791
Civilian labor force	67,516	53,925	8,828	3,194	8,108
Percent of population.....	60.6	60.1	64.0	60.7	58.8
Employed	64,799	51,996	8,240	3,096	7,662
Percent of population.....	58.2	57.9	59.8	58.8	55.6
Unemployed	2,718	1,930	588	99	446
Unemployment rate	4.0	3.6	6.7	3.1	5.5
Not in labor force.....	43,814	35,864	4,960	2,071	5,682
Both sexes, 16 to 19 years					
Civilian noninstitutional population	16,982	13,043	2,640	631	2,944
Civilian labor force	7,012	5,795	801	155	1,091
Percent of population.....	41.3	44.4	30.3	24.5	37.1
Employed	5,911	4,990	566	135	894
Percent of population.....	34.8	38.3	21.4	21.4	30.4
Unemployed	1,101	805	235	20	197
Unemployment rate	15.7	13.9	29.4	12.7	18.1
Not in labor force.....	9,970	7,248	1,839	476	1,853

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. Employment-population ratios by sex, race, and Hispanic or Latino ethnicity, 1972-2007 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

NOTE: Beginning in 2003, estimates for White, Black or African American, and Asian race groups include persons who selected that race group only; previously, multi-racial persons were included in the group they identified as their main race. Asian estimates for 2000-02

include Asians 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.

Table 3. Employment status of persons 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity, 2007 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	194,458	26,633	61,373	32,853	16,978	56,620
Civilian labor force	130,907	12,408	38,539	22,958	12,928	44,074
Percent of population.....	67.3	46.6	62.8	69.9	76.1	77.8
Employed	126,172	11,521	36,857	22,076	12,535	43,182
Employment-population ratio...	64.9	43.3	60.1	67.2	73.8	76.3
Unemployed	4,735	886	1,682	882	393	892
Unemployment rate	3.6	7.1	4.4	3.8	3.0	2.0
Men						
Civilian noninstitutional population	93,264	13,249	29,232	15,337	7,353	28,094
Civilian labor force	70,501	7,974	21,385	11,810	6,043	23,289
Percent of population.....	75.6	60.2	73.2	77.0	82.2	82.9
Employed	67,963	7,450	20,434	11,382	5,862	22,835
Employment-population ratio...	72.9	56.2	69.9	74.2	79.7	81.3
Unemployed	2,538	523	951	429	181	454
Unemployment rate	3.6	6.6	4.4	3.6	3.0	1.9
Women						
Civilian noninstitutional population	101,194	13,385	32,141	17,516	9,625	28,527
Civilian labor force	60,406	4,434	17,154	11,148	6,886	20,784
Percent of population.....	59.7	33.1	53.4	63.6	71.5	72.9
Employed	58,209	4,071	16,423	10,695	6,674	20,346
Employment-population ratio...	57.5	30.4	51.1	61.1	69.3	71.3
Unemployed	2,198	363	731	454	212	438
Unemployment rate	3.6	8.2	4.3	4.1	3.1	2.1
White						
Civilian noninstitutional population	159,265	21,102	50,340	26,927	14,080	46,815
Civilian labor force	106,963	10,106	31,354	18,578	10,709	36,215
Percent of population.....	67.2	47.9	62.3	69.0	76.1	77.4
Employed	103,477	9,446	30,140	17,936	10,419	35,535
Employment-population ratio...	65.0	44.8	59.9	66.6	74.0	75.9
Unemployed	3,487	660	1,214	642	290	681
Unemployment rate	3.3	6.5	3.9	3.5	2.7	1.9
Men						
Civilian noninstitutional population	77,307	10,815	24,169	12,695	6,172	23,456
Civilian labor force	58,647	6,775	17,740	9,722	5,097	19,312
Percent of population.....	75.9	62.6	73.4	76.6	82.6	82.3
Employed	56,740	6,364	17,039	9,409	4,964	18,964
Employment-population ratio...	73.4	58.8	70.5	74.1	80.4	80.8
Unemployed	1,907	411	701	313	134	348
Unemployment rate	3.3	6.1	4.0	3.2	2.6	1.8
Women						
Civilian noninstitutional population	81,957	10,287	26,171	14,233	7,908	23,359
Civilian labor force	48,316	3,331	13,614	8,856	5,612	16,903
Percent of population.....	59.0	32.4	52.0	62.2	71.0	72.4
Employed	46,737	3,082	13,102	8,527	5,455	16,571
Employment-population ratio...	57.0	30.0	50.1	59.9	69.0	70.9
Unemployed	1,579	249	512	329	157	332
Unemployment rate	3.3	7.5	3.8	3.7	2.8	2.0

See note at end of table.

Table 3. Employment status of persons 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity, 2007 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	21,954	3,761	7,884	4,160	1,881	4,268
Civilian labor force	14,721	1,470	5,158	3,093	1,459	3,540
Percent of population.....	67.1	39.1	65.4	74.4	77.6	83.0
Employed	13,811	1,293	4,783	2,912	1,389	3,435
Employment-population ratio...	62.9	34.4	60.7	70.0	73.8	80.5
Unemployed	910	177	375	181	70	106
Unemployment rate	6.2	12.0	7.3	5.9	4.8	3.0
Men						
Civilian noninstitutional population	9,677	1,666	3,596	1,802	758	1,855
Civilian labor force	6,886	739	2,546	1,404	600	1,597
Percent of population.....	71.2	44.3	70.8	77.9	79.2	86.1
Employed	6,429	653	2,340	1,320	570	1,547
Employment-population ratio...	66.4	39.2	65.1	73.3	75.1	83.4
Unemployed	457	86	206	84	31	50
Unemployment rate	6.6	11.7	8.1	6.0	5.1	3.2
Women						
Civilian noninstitutional population	12,277	2,094	4,288	2,358	1,123	2,413
Civilian labor force	7,835	731	2,613	1,689	859	1,943
Percent of population.....	63.8	34.9	60.9	71.6	76.5	80.5
Employed	7,382	641	2,443	1,592	819	1,888
Employment-population ratio...	60.1	30.6	57.0	67.5	72.9	78.2
Unemployed	453	91	170	97	40	55
Unemployment rate	5.8	12.4	6.5	5.8	4.6	2.8
Asian						
Civilian noninstitutional population	9,109	999	1,858	893	609	4,750
Civilian labor force	6,379	437	1,174	647	441	3,679
Percent of population.....	70.0	43.8	63.2	72.5	72.5	77.5
Employed	6,200	425	1,136	624	423	3,592
Employment-population ratio...	68.1	42.5	61.1	69.9	69.5	75.6
Unemployed	179	13	38	23	18	88
Unemployment rate	2.8	2.9	3.2	3.5	4.0	2.4
Men						
Civilian noninstitutional population	4,292	383	816	432	240	2,422
Civilian labor force	3,454	216	610	358	197	2,072
Percent of population.....	80.5	56.6	74.8	83.0	82.0	85.6
Employed	3,361	210	595	344	188	2,025
Employment-population ratio...	78.3	55.0	72.9	79.7	78.3	83.6
Unemployed	92	6	16	14	9	47
Unemployment rate	2.7	2.8	2.5	4.0	4.5	2.3
Women						
Civilian noninstitutional population	4,818	617	1,042	461	369	2,328
Civilian labor force	2,926	221	564	289	244	1,607
Percent of population.....	60.7	35.8	54.1	62.7	66.2	69.0
Employed	2,838	214	541	281	236	1,567
Employment-population ratio...	58.9	34.7	51.9	60.8	63.8	67.3
Unemployed	87	7	23	9	9	40
Unemployment rate	3.0	3.1	4.0	3.0	3.6	2.5

See note at end of table.

Table 3. Employment status of persons 25 years and over by educational attainment, sex, race, and Hispanic or Latino ethnicity, 2007 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	24,791	9,643	7,191	3,176	1,489	3,292
Civilian labor force	17,783	6,040	5,344	2,490	1,201	2,707
Percent of population.....	71.7	62.6	74.3	78.4	80.7	82.2
Employed	16,973	5,677	5,110	2,382	1,160	2,644
Employment-population ratio...	68.5	58.9	71.1	75.0	77.9	80.3
Unemployed	810	363	234	108	41	63
Unemployment rate	4.6	6.0	4.4	4.4	3.5	2.3
Men						
Civilian noninstitutional population	12,721	5,144	3,742	1,556	671	1,607
Civilian labor force	10,758	4,168	3,233	1,341	585	1,430
Percent of population.....	84.6	81.0	86.4	86.2	87.1	89.0
Employed	10,303	3,947	3,100	1,285	567	1,403
Employment-population ratio...	81.0	76.7	82.8	82.6	84.5	87.3
Unemployed	455	221	133	56	18	27
Unemployment rate	4.2	5.3	4.1	4.2	3.0	1.9
Women						
Civilian noninstitutional population	12,070	4,499	3,449	1,620	818	1,685
Civilian labor force	7,025	1,872	2,111	1,149	617	1,277
Percent of population.....	58.2	41.6	61.2	70.9	75.4	75.8
Employed	6,670	1,730	2,010	1,097	593	1,241
Employment-population ratio...	55.3	38.5	58.3	67.7	72.5	73.6
Unemployed	355	141	101	52	24	36
Unemployment rate	5.1	7.6	4.8	4.6	3.9	2.8

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 4. Employed persons by occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over (thousands).....	146,047	119,792	16,051	6,839	20,382
Percent.....	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations.....	35.5	36.1	27.1	48.1	17.8
Management, business, and financial operations.....	14.8	15.5	10.1	15.8	7.7
Management occupations.....	10.6	11.3	6.1	10.1	5.6
Business and financial operations occupations.....	4.2	4.1	4.0	5.7	2.2
Professional and related occupations.....	20.7	20.6	16.9	32.4	10.0
Computer and mathematical occupations.....	2.4	2.1	1.5	9.0	0.9
Architecture and engineering occupations.....	2.0	2.0	1.0	4.2	0.9
Life, physical, and social science occupations.....	0.9	0.9	0.5	2.6	0.3
Community and social services occupations.....	1.6	1.4	2.6	1.1	1.1
Legal occupations.....	1.1	1.2	0.7	0.7	0.5
Education, training, and library occupations.....	5.8	6.0	5.1	4.6	3.2
Arts, design, entertainment, sports, and media occupations.....	1.9	2.0	1.0	1.6	1.2
Healthcare practitioner and technical occupations.....	5.0	4.8	4.6	8.7	2.0
Service occupations.....	16.5	15.5	23.3	16.0	24.1
Healthcare support occupations.....	2.1	1.8	4.7	1.8	2.2
Protective service occupations.....	2.1	2.0	3.6	1.0	1.5
Food preparation and serving related occupations.....	5.3	5.1	5.5	6.2	8.0
Building and grounds cleaning and maintenance occupations.....	3.7	3.6	5.2	2.2	9.2
Personal care and service occupations.....	3.3	3.0	4.2	4.8	3.2
Sales and office occupations.....	24.8	24.8	26.2	21.9	21.1
Sales and related occupations.....	11.4	11.6	10.3	11.4	9.3
Office and administrative support occupations.....	13.4	13.2	15.8	10.5	11.8
Natural resources, construction, and maintenance occupations.....	10.8	11.6	7.0	4.4	19.4
Farming, fishing, and forestry occupations.....	0.7	0.7	0.3	0.2	1.9
Construction and extraction occupations.....	6.5	7.1	4.0	1.7	14.0
Installation, maintenance, and repair occupations.....	3.6	3.8	2.7	2.4	3.6
Production, transportation, and material moving occupations.....	12.4	12.0	16.5	9.6	17.6
Production occupations.....	6.4	6.3	7.4	6.5	9.4
Transportation and material moving occupations.....	6.0	5.7	9.2	3.0	8.2

See note at end of table.

Table 4. Employed persons by occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Men, 16 years and over (thousands)	78,254	65,289	7,500	3,677	12,310
Percent	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	32.7	33.2	22.3	49.3	14.3
Management, business, and financial operations	15.8	16.7	9.2	15.8	7.2
Management occupations	12.4	13.2	6.3	11.4	5.7
Business and financial operations occupations	3.4	3.5	2.9	4.4	1.5
Professional and related occupations	16.9	16.5	13.1	33.5	7.1
Computer and mathematical occupations	3.3	2.9	2.1	12.5	1.1
Architecture and engineering occupations	3.2	3.3	1.6	6.2	1.3
Life, physical, and social science occupations	1.0	1.0	0.5	2.9	0.3
Community and social services occupations	1.1	1.1	2.0	0.8	0.6
Legal occupations	1.0	1.1	0.5	0.4	0.3
Education, training, and library occupations	2.9	2.9	2.8	3.6	1.3
Arts, design, entertainment, sports, and media occupations	1.9	2.0	1.2	1.6	1.2
Healthcare practitioner and technical occupations	2.4	2.3	2.3	5.6	1.0
Service occupations	13.2	12.4	19.2	13.5	19.7
Healthcare support occupations	0.4	0.3	1.0	0.8	0.4
Protective service occupations	3.0	2.9	5.0	1.4	2.0
Food preparation and serving related occupations	4.3	4.0	5.2	6.5	7.6
Building and grounds cleaning and maintenance occupations	4.2	4.0	6.0	2.6	8.7
Personal care and service occupations	1.3	1.1	2.0	2.2	1.0
Sales and office occupations	16.9	16.7	18.7	18.4	13.2
Sales and related occupations	10.8	11.0	8.8	11.5	7.2
Office and administrative support occupations	6.2	5.7	10.0	6.9	6.0
Natural resources, construction, and maintenance occupations	19.3	20.4	14.0	7.4	31.0
Farming, fishing, and forestry occupations	1.0	1.1	0.4	0.2	2.5
Construction and extraction occupations	11.9	12.7	8.1	3.1	22.8
Installation, maintenance, and repair occupations	6.4	6.7	5.5	4.1	5.7
Production, transportation, and material moving occupations	17.9	17.3	25.7	11.4	21.7
Production occupations	8.4	8.4	9.6	6.7	10.4
Transportation and material moving occupations	9.5	9.0	16.1	4.7	11.3

See note at end of table.

Table 4. Employed persons by occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Women, 16 years and over (thousands)	67,792	54,503	8,551	3,162	8,072
Percent	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	38.6	39.5	31.2	46.8	23.1
Management, business, and financial operations	13.6	13.9	11.0	15.7	8.6
Management occupations	8.6	9.0	6.0	8.5	5.4
Business and financial operations occupations	5.0	4.9	5.0	7.2	3.2
Professional and related occupations	25.1	25.6	20.3	31.1	14.5
Computer and mathematical occupations	1.3	1.1	1.0	4.9	0.5
Architecture and engineering occupations	0.6	0.6	0.4	1.8	0.3
Life, physical, and social science occupations	0.9	0.8	0.5	2.3	0.3
Community and social services occupations	2.0	1.9	3.1	1.4	1.8
Legal occupations	1.3	1.4	0.8	1.0	0.8
Education, training, and library occupations	9.2	9.8	7.0	5.7	6.1
Arts, design, entertainment, sports, and media occupations	1.9	2.1	0.8	1.6	1.2
Healthcare practitioner and technical occupations	7.9	7.9	6.6	12.4	3.5
Service occupations	20.4	19.3	26.8	18.9	30.7
Healthcare support occupations	4.1	3.6	7.9	2.9	4.8
Protective service occupations	1.0	0.8	2.4	0.5	0.8
Food preparation and serving related occupations	6.4	6.5	5.8	5.9	8.6
Building and grounds cleaning and maintenance occupations	3.2	3.1	4.5	1.9	10.0
Personal care and service occupations	5.6	5.3	6.2	7.8	6.5
Sales and office occupations	33.8	34.4	32.7	26.0	33.1
Sales and related occupations	12.2	12.3	11.7	11.4	12.4
Office and administrative support occupations	21.6	22.1	21.0	14.7	20.7
Natural resources, construction, and maintenance occupations	1.0	1.0	0.8	0.9	1.8
Farming, fishing, and forestry occupations	0.3	0.3	0.2	0.3	1.0
Construction and extraction occupations	0.4	0.4	0.3	0.1	0.6
Installation, maintenance, and repair occupations	0.3	0.3	0.3	0.5	0.2
Production, transportation, and material moving occupations	6.2	5.7	8.5	7.4	11.3
Production occupations	4.2	3.9	5.4	6.3	8.0
Transportation and material moving occupations	2.0	1.9	3.1	1.0	3.3

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 detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and older	146,047	82.0	11.0	4.7	14.0
Management, professional, and related occupations	51,788	83.5	8.4	6.4	7.0
Management, business, and financial operations occupations	21,577	85.8	7.5	5.0	7.3
Management occupations	15,486	87.5	6.3	4.5	7.4
Chief executives	1,649	90.7	3.5	4.3	5.0
General and operations managers	971	89.8	4.6	3.6	7.9
Legislators	19	(¹)	(¹)	(¹)	(¹)
Advertising and promotions managers	77	88.3	5.6	3.0	3.1
Marketing and sales managers	848	89.4	5.1	3.5	5.8
Public relations managers	63	90.5	3.7	4.0	4.2
Administrative services managers	98	85.7	8.6	4.2	2.9
Computer and information systems managers	467	83.1	7.7	8.5	3.4
Financial managers	1,181	85.2	7.1	6.7	8.0
Human resources managers	253	83.8	11.6	3.3	7.1
Industrial production managers	264	89.0	4.7	3.7	9.8
Purchasing managers	168	85.7	8.5	4.8	6.4
Transportation, storage, and distribution managers	260	86.2	10.0	1.8	13.6
Farm, ranch, and other agricultural managers	204	97.1	0.6	1.1	5.3
Farmers and ranchers	742	96.9	1.1	0.5	2.3
Construction managers	1,176	94.0	2.6	1.5	9.2
Education administrators	810	84.6	12.6	1.0	7.4
Engineering managers	114	87.7	2.8	8.1	1.5
Food service managers	1,002	80.4	7.2	9.9	14.3
Funeral directors	43	(¹)	(¹)	(¹)	(¹)
Gaming managers	7	(¹)	(¹)	(¹)	(¹)
Lodging managers	151	78.1	7.4	13.4	7.7
Medical and health services managers	536	81.7	11.3	5.1	7.4
Natural sciences managers	12	(¹)	(¹)	(¹)	(¹)
Postmasters and mail superintendents	50	84.0	13.0	3.1	2.1
Property, real estate, and community association managers	594	86.2	7.1	4.7	9.5
Social and community service managers	331	80.4	13.5	4.0	8.6
Managers, all other	3,398	86.8	6.6	4.8	7.0
Business and financial operations occupations	6,091	81.5	10.5	6.4	7.2
Agents and business managers of artists, performers, and athletes	41	(¹)	(¹)	(¹)	(¹)
Purchasing agents and buyers, farm products	7	(¹)	(¹)	(¹)	(¹)
Wholesale and retail buyers, except farm products	200	84.5	7.2	5.1	7.9
Purchasing agents, except wholesale, retail, and farm products	280	85.4	8.2	3.9	6.9
Claims adjusters, appraisers, examiners, and investigators	289	77.2	17.3	3.1	7.8
Compliance officers, except agriculture, construction, health and safety, and transportation	139	84.9	8.9	4.5	8.0
Cost estimators	115	94.8	0.2	4.6	5.1
Human resources, training, and labor relations specialists	793	80.2	14.2	3.6	7.5
Logisticians	55	80.0	11.7	7.6	2.7
Management analysts	627	87.4	5.4	6.5	6.4
Meeting and convention planners	44	(¹)	(¹)	(¹)	(¹)
Other business operations specialists	218	78.9	13.3	6.4	9.2
Accountants and auditors	1,806	78.8	10.5	9.1	5.9
Appraisers and assessors of real estate	118	89.0	4.9	5.1	5.4
Budget analysts	62	77.4	11.7	9.8	2.4
Credit analysts	30	(¹)	(¹)	(¹)	(¹)
Financial analysts	109	79.8	4.0	14.7	5.8
Personal financial advisors	373	85.8	7.6	6.0	6.5
Insurance underwriters	94	79.8	14.3	6.1	2.5

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Financial examiners.....	6	(¹)	(¹)	(¹)	(¹)
Loan counselors and officers.....	467	78.4	14.4	4.2	13.1
Tax examiners, collectors, and revenue agents.....	62	75.8	22.0	1.6	10.5
Tax preparers.....	104	79.8	13.6	5.8	10.1
Financial specialists, all other.....	52	86.5	8.7	4.0	9.8
Professional and related occupations.....	30,210	81.8	9.0	7.3	6.8
Computer and mathematical occupations.....	3,441	73.3	7.2	17.8	5.2
Computer scientists and systems analysts.....	825	74.1	8.8	15.5	5.6
Computer programmers.....	526	73.6	5.2	19.6	6.2
Computer software engineers.....	907	64.1	4.9	29.4	2.8
Computer support specialists.....	332	78.0	11.2	8.8	6.0
Database administrators.....	104	76.9	5.8	16.2	3.8
Network and computer systems administrators.....	214	81.3	7.9	10.1	7.8
Network systems and data communications analysts.....	383	81.2	7.4	9.1	6.9
Actuaries.....	18	(¹)	(¹)	(¹)	(¹)
Mathematicians.....	2	(¹)	(¹)	(¹)	(¹)
Operations research analysts.....	87	79.3	13.1	5.3	7.8
Statisticians.....	41	(¹)	(¹)	(¹)	(¹)
Miscellaneous mathematical science occupations.....	3	(¹)	(¹)	(¹)	(¹)
Architecture and engineering occupations.....	2,932	83.5	5.3	9.7	6.4
Architects, except naval.....	240	86.7	4.4	8.6	7.0
Surveyors, cartographers, and photogrammetrists.....	45	(¹)	(¹)	(¹)	(¹)
Aerospace engineers.....	123	79.7	6.6	13.4	3.1
Agricultural engineers.....	4	(¹)	(¹)	(¹)	(¹)
Biomedical engineers.....	12	(¹)	(¹)	(¹)	(¹)
Chemical engineers.....	75	78.7	10.3	11.6	4.3
Civil engineers.....	382	86.6	2.9	8.8	6.1
Computer hardware engineers.....	79	69.6	5.6	22.8	4.9
Electrical and electronics engineers.....	347	78.1	6.9	13.5	4.1
Environmental engineers.....	36	(¹)	(¹)	(¹)	(¹)
Industrial engineers, including health and safety.....	161	86.3	4.4	8.0	3.0
Marine engineers and naval architects.....	11	(¹)	(¹)	(¹)	(¹)
Materials engineers.....	38	(¹)	(¹)	(¹)	(¹)
Mechanical engineers.....	296	83.8	4.2	12.1	3.8
Mining and geological engineers, including mining safety engineers.....	5	(¹)	(¹)	(¹)	(¹)
Nuclear engineers.....	10	(¹)	(¹)	(¹)	(¹)
Petroleum engineers.....	21	(¹)	(¹)	(¹)	(¹)
Engineers, all other.....	349	83.1	3.0	12.0	8.5
Drafters.....	187	88.8	5.3	4.1	8.8
Engineering technicians, except drafters.....	420	83.3	8.3	5.9	11.2
Surveying and mapping technicians.....	92	90.2	5.0	1.2	5.8
Life, physical, and social science occupations.....	1,382	79.2	5.8	12.9	4.6
Agricultural and food scientists.....	32	(¹)	(¹)	(¹)	(¹)
Biological scientists.....	92	81.5	2.0	13.5	1.7
Conservation scientists and foresters.....	30	(¹)	(¹)	(¹)	(¹)
Medical scientists.....	152	59.2	7.4	31.9	2.8
Astronomers and physicists.....	17	(¹)	(¹)	(¹)	(¹)
Atmospheric and space scientists.....	7	(¹)	(¹)	(¹)	(¹)
Chemists and materials scientists.....	118	73.7	6.8	18.3	5.1
Environmental scientists and geoscientists.....	98	87.8	5.4	3.9	0.3
Physical scientists, all other.....	119	68.1	6.4	23.5	2.8
Economists.....	23	(¹)	(¹)	(¹)	(¹)
Market and survey researchers.....	159	83.6	5.2	9.9	5.1

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Psychologists.....	185	88.1	7.0	4.6	3.5
Sociologists.....	7	(¹)	(¹)	(¹)	(¹)
Urban and regional planners.....	30	(¹)	(¹)	(¹)	(¹)
Miscellaneous social scientists and related workers.....	36	(¹)	(¹)	(¹)	(¹)
Agricultural and food science technicians.....	23	(¹)	(¹)	(¹)	(¹)
Biological technicians.....	23	(¹)	(¹)	(¹)	(¹)
Chemical technicians.....	62	83.9	7.4	6.0	14.5
Geological and petroleum technicians.....	15	(¹)	(¹)	(¹)	(¹)
Nuclear technicians.....	2	(¹)	(¹)	(¹)	(¹)
Other life, physical, and social science technicians.....	151	81.5	4.9	11.1	4.9
Community and social services occupations.....	2,265	75.9	18.4	3.2	9.5
Counselors.....	686	74.8	18.6	2.9	8.3
Social workers.....	673	71.8	22.9	3.2	11.9
Miscellaneous community and social service specialists.....	317	71.0	23.8	3.0	14.6
Clergy.....	422	84.6	11.1	3.5	5.0
Directors, religious activities and education.....	57	89.5	3.4	3.3	6.0
Religious workers, all other.....	110	82.7	9.3	4.8	6.9
Legal occupations.....	1,668	88.8	6.7	2.8	6.0
Lawyers.....	1,001	90.8	4.9	2.6	4.3
Judges, magistrates, and other judicial workers.....	68	86.8	9.1	0.1	8.1
Paralegals and legal assistants.....	347	84.7	9.7	3.4	9.0
Miscellaneous legal support workers.....	253	86.2	8.7	3.6	8.1
Education, training, and library occupations.....	8,485	85.0	9.6	3.7	7.6
Postsecondary teachers.....	1,261	81.2	5.6	11.7	4.2
Preschool and kindergarten teachers.....	667	80.7	14.3	3.0	10.4
Elementary and middle school teachers.....	2,943	86.6	10.3	1.6	6.9
Secondary school teachers.....	1,158	90.4	7.1	1.4	7.0
Special education teachers.....	363	88.4	8.7	1.4	4.5
Other teachers and instructors.....	732	81.4	10.4	5.6	6.7
Archivists, curators, and museum technicians.....	42	(¹)	(¹)	(¹)	(¹)
Librarians.....	215	90.7	6.0	2.0	4.1
Library technicians.....	52	82.7	11.9	4.1	9.9
Teacher assistants.....	974	82.1	12.8	2.2	15.8
Other education, training, and library workers.....	78	83.3	11.2	5.3	6.0
Arts, design, entertainment, sports, and media occupations.....	2,789	88.0	5.7	3.9	8.7
Artists and related workers.....	227	91.6	2.6	3.9	5.2
Designers.....	852	89.0	4.0	5.6	8.5
Actors.....	28	(¹)	(¹)	(¹)	(¹)
Producers and directors.....	149	91.9	4.7	1.9	7.4
Athletes, coaches, umpires, and related workers.....	253	87.0	8.2	1.4	7.6
Dancers and choreographers.....	25	(¹)	(¹)	(¹)	(¹)
Musicians, singers, and related workers.....	170	87.1	9.5	2.0	13.2
Entertainers and performers, sports and related workers, all other.....	42	(¹)	(¹)	(¹)	(¹)
Announcers.....	51	74.5	22.8	0.6	9.5
News analysts, reporters and correspondents.....	84	88.1	6.4	2.7	6.8
Public relations specialists.....	132	87.1	5.5	4.3	7.2
Editors.....	163	87.7	5.8	3.7	6.3
Technical writers.....	51	88.2	4.3	6.4	3.6
Writers and authors.....	179	88.8	2.6	4.1	3.2
Miscellaneous media and communication workers.....	73	80.8	3.6	12.7	35.5
Broadcast and sound engineering technicians and radio operators.....	89	85.4	9.1	4.3	9.3

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Photographers	173	90.2	5.7	1.9	10.3
Television, video, and motion picture camera operators and editors	47	(¹)	(¹)	(¹)	(¹)
Media and communication equipment workers, all other.....	—	—	—	—	—
Healthcare practitioner and technical occupations	7,248	79.9	10.2	8.2	5.6
Chiropractors	62	98.4	0.8	—	3.0
Dentists	184	82.1	5.4	10.9	3.4
Dietitians and nutritionists.....	100	73.0	15.8	9.3	5.3
Optometrists	34	(¹)	(¹)	(¹)	(¹)
Pharmacists	247	74.5	5.9	16.6	2.5
Physicians and surgeons.....	888	76.2	5.6	16.9	5.2
Physician assistants	87	85.1	7.2	5.6	8.2
Podiatrists	10	(¹)	(¹)	(¹)	(¹)
Registered nurses.....	2,629	80.4	9.9	7.9	4.6
Audiologists	15	(¹)	(¹)	(¹)	(¹)
Occupational therapists	79	94.9	1.4	3.4	6.7
Physical therapists.....	212	83.5	3.5	12.0	5.3
Radiation therapists.....	13	(¹)	(¹)	(¹)	(¹)
Recreational therapists.....	22	(¹)	(¹)	(¹)	(¹)
Respiratory therapists.....	97	84.5	11.0	3.2	8.9
Speech-language pathologists	122	91.0	6.3	1.8	4.5
Therapists, all other	123	81.3	10.7	4.4	8.7
Veterinarians.....	56	98.2	1.0	0.6	6.3
Health diagnosing and treating practitioners, all other.....	21	(¹)	(¹)	(¹)	(¹)
Clinical laboratory technologists and technicians	332	69.9	18.3	10.4	5.0
Dental hygienists	156	94.2	1.4	3.8	5.4
Diagnostic related technologists and technicians.....	287	87.1	8.0	3.3	8.4
Emergency medical technicians and paramedics.....	162	87.7	8.6	0.7	7.0
Health diagnosing and treating practitioner support technicians.....	462	78.6	14.0	6.0	8.8
Licensed practical and licensed vocational nurses.....	533	70.9	22.4	3.9	5.8
Medical records and health information technicians.....	83	74.7	17.9	3.7	15.8
Opticians, dispensing.....	54	94.4	2.7	0.5	14.6
Miscellaneous health technologists and technicians	124	66.1	25.7	6.0	7.4
Other healthcare practitioners and technical occupations.....	53	86.8	7.4	4.6	4.0
Service occupations	24,137	77.0	15.5	4.5	20.3
Healthcare support occupations	3,138	69.5	24.0	3.9	14.0
Nursing, psychiatric, and home health aides	1,879	59.7	33.6	4.2	13.8
Occupational therapist assistants and aides	9	(¹)	(¹)	(¹)	(¹)
Physical therapist assistants and aides.....	61	85.2	9.1	3.0	9.2
Massage therapists.....	134	88.8	2.7	5.1	6.9
Dental assistants	275	90.5	6.8	1.2	16.7
Medical assistants and other healthcare support occupations	781	81.0	11.8	3.9	15.6
Protective service occupations.....	3,071	76.4	18.9	2.1	10.0
First-line supervisors/managers of correctional officers	47	(¹)	(¹)	(¹)	(¹)
First-line supervisors/managers of police and detectives.....	116	87.1	11.2	0.8	10.6
First-line supervisors/managers of fire fighting and prevention workers.....	56	91.1	4.2	2.2	10.6
Supervisors, protective service workers, all other	97	78.4	18.2	1.7	11.9
Fire fighters.....	288	85.8	10.0	0.9	6.2
Fire inspectors	16	(¹)	(¹)	(¹)	(¹)
Bailiffs, correctional officers, and jailers.....	444	73.2	23.9	0.4	7.3
Detectives and criminal investigators	135	82.2	14.9	3.0	11.2

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Fish and game wardens	8	(¹)	(¹)	(¹)	(¹)
Parking enforcement workers	11	(¹)	(¹)	(¹)	(¹)
Police and sheriff's patrol officers	669	83.4	12.7	2.6	9.1
Transit and railroad police	5	(¹)	(¹)	(¹)	(¹)
Animal control workers	10	(¹)	(¹)	(¹)	(¹)
Private detectives and investigators	86	88.4	7.9	2.8	9.7
Security guards and gaming surveillance officers	891	64.6	28.3	3.3	12.4
Crossing guards.....	48	(¹)	(¹)	(¹)	(¹)
Lifeguards and other protective service workers	144	84.0	12.2	0.8	9.5
Food preparation and serving related occupations	7,699	79.5	11.5	5.5	21.2
Chefs and head cooks	345	71.0	12.2	13.6	19.5
First-line supervisors/managers of food preparation and serving workers.....	610	79.7	13.9	2.9	16.3
Cooks.....	1,939	74.5	15.4	6.0	31.0
Food preparation workers.....	681	79.1	12.2	5.3	23.4
Bartenders	375	90.9	3.3	3.1	10.9
Combined food preparation and serving workers, including fast food.....	302	79.8	12.4	4.2	12.6
Counter attendants, cafeteria, food concession, and coffee shop	323	83.0	10.6	3.7	14.7
Waiters and waitresses.....	1,978	83.8	7.7	5.6	15.3
Food servers, nonrestaurant.....	182	70.3	20.9	6.4	16.9
Dining room and cafeteria attendants and bartender helpers.....	392	79.1	10.9	5.5	27.9
Dishwashers	281	78.6	11.8	4.4	36.6
Hosts and hostesses, restaurant, lounge, and coffee shop.....	284	82.4	9.8	5.7	11.9
Food preparation and serving related workers, all other	7	(¹)	(¹)	(¹)	(¹)
Building and grounds cleaning and maintenance occupations	5,469	79.1	15.2	2.8	34.3
First-line supervisors/managers of housekeeping and janitorial workers	319	76.5	19.2	2.6	21.2
First-line supervisors/managers of landscaping, lawn service, and grounds keeping workers	234	91.9	4.3	2.0	19.3
Janitors and building cleaners	2,080	74.2	19.2	3.2	28.0
Maids and housekeeping cleaners	1,427	76.2	17.6	3.3	40.4
Pest control workers	77	76.6	12.9	5.3	14.2
Grounds maintenance workers.....	1,332	88.3	7.5	1.7	44.4
Personal care and service occupations.....	4,760	75.9	14.3	6.9	13.6
First-line supervisors/managers of gaming workers	139	83.5	10.0	3.9	6.2
First-line supervisors/managers of personal service workers.....	157	77.7	9.3	11.7	5.5
Animal trainers.....	31	(¹)	(¹)	(¹)	(¹)
Nonfarm animal caretakers.....	140	94.3	1.7	1.0	13.4
Gaming services workers	111	61.3	9.8	23.8	7.8
Motion picture projectionists	6	(¹)	(¹)	(¹)	(¹)
Ushers, lobby attendants, and ticket takers.....	51	82.4	13.4	2.5	9.0
Miscellaneous entertainment attendants and related workers	160	85.6	8.0	2.1	13.1
Funeral service workers.....	12	(¹)	(¹)	(¹)	(¹)
Barbers	102	65.7	27.3	2.4	22.6
Hairdressers, hairstylists, and cosmetologists.....	778	81.1	11.1	5.5	12.5
Miscellaneous personal appearance workers.....	223	42.2	5.9	49.1	6.8
Baggage porters, bellhops, and concierges	60	60.0	20.3	10.0	26.7
Tour and travel guides	47	(¹)	(¹)	(¹)	(¹)
Transportation attendants.....	148	72.3	18.5	7.7	9.8
Child care workers	1,341	78.9	16.0	2.7	16.8
Personal and home care aides	766	67.4	22.5	6.2	18.8

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Recreation and fitness workers	331	87.0	7.8	1.8	6.9
Residential advisors.....	64	70.3	26.6	2.5	2.1
Personal care and service workers, all other.....	90	75.6	17.0	3.9	10.2
Sales and office occupations	36,212	81.9	11.6	4.1	11.9
Sales and related occupations	16,698	83.2	9.9	4.7	11.3
First-line supervisors/managers of retail salesworkers.....	3,445	84.7	8.0	5.3	9.6
First-line supervisors/managers of non-retail salesworkers.....	1,333	85.1	7.2	5.8	8.8
Cashiers.....	3,022	73.2	17.4	5.8	17.0
Counter and rental clerks.....	158	77.2	15.9	3.1	11.0
Parts salespersons	132	89.4	7.9	0.3	11.9
Retail salespersons	3,492	82.9	10.9	4.1	12.2
Advertising sales agents.....	219	89.5	7.2	1.4	7.7
Insurance sales agents.....	538	87.7	7.7	3.1	8.2
Securities, commodities, and financial services sales agents.....	398	84.2	7.4	7.3	8.3
Travel agents	111	80.2	7.7	9.6	9.1
Sales representatives, services, all other	590	86.4	8.5	3.3	8.4
Sales representatives, wholesale and manufacturing	1,442	91.4	4.2	3.4	8.4
Models, demonstrators, and product promoters	75	92.0	2.1	3.7	8.1
Real estate brokers and sales agents	1,050	88.5	5.3	5.0	10.1
Sales engineers.....	40	(¹)	(¹)	(¹)	(¹)
Telemarketers	160	73.8	19.5	1.2	13.4
Door-to-door salesworkers, news and street vendors, and related workers	265	82.6	10.5	3.9	17.5
Sales and related workers, all other	227	85.9	9.2	1.1	6.9
Office and administrative support occupations.....	19,513	80.8	13.0	3.7	12.4
First-line supervisors/managers of office and administrative support workers.....	1,629	84.6	9.5	3.9	11.3
Switchboard operators, including answering service.....	50	82.0	14.6	0.5	6.5
Telephone operators.....	40	(¹)	(¹)	(¹)	(¹)
Communications equipment operators, all other	8	(¹)	(¹)	(¹)	(¹)
Bill and account collectors	216	71.8	24.3	2.1	14.4
Billing and posting clerks and machine operators	442	77.1	14.9	4.4	11.6
Bookkeeping, accounting, and auditing clerks.....	1,490	86.6	7.3	3.8	9.5
Gaming cage workers.....	13	(¹)	(¹)	(¹)	(¹)
Payroll and timekeeping clerks	181	84.0	8.8	4.7	12.2
Procurement clerks.....	28	(¹)	(¹)	(¹)	(¹)
Tellers	472	82.4	10.5	4.9	13.3
Brokerage clerks.....	6	(¹)	(¹)	(¹)	(¹)
Correspondence clerks.....	7	(¹)	(¹)	(¹)	(¹)
Court, municipal, and license clerks	99	80.8	11.7	5.3	11.1
Credit authorizers, checkers, and clerks.....	48	(¹)	(¹)	(¹)	(¹)
Customer service representatives	1,917	75.6	18.0	3.6	14.1
Eligibility interviewers, government programs	68	69.1	21.0	6.8	11.0
File clerks.....	403	75.9	17.9	3.8	13.1
Hotel, motel, and resort desk clerks	118	77.1	13.7	3.6	16.2
Interviewers, except eligibility and loan	141	75.9	17.6	3.6	13.3
Library assistants, clerical.....	113	79.6	8.7	10.4	12.6
Loan interviewers and clerks	155	84.5	7.7	4.1	14.6
New accounts clerks.....	17	(¹)	(¹)	(¹)	(¹)
Order clerks	102	79.4	14.9	4.1	12.5
Human resources assistants, except payroll and timekeeping	49	(¹)	(¹)	(¹)	(¹)
Receptionists and information clerks.....	1,441	83.3	11.3	2.7	14.3

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Reservation and transportation ticket agents and travel clerks.....	144	74.3	15.3	3.3	15.3
Information and record clerks, all other	101	85.1	11.2	1.8	12.5
Cargo and freight agents	21	(¹)	(¹)	(¹)	(¹)
Couriers and messengers.....	254	77.2	15.9	4.7	11.1
Dispatchers.....	286	83.6	11.6	1.0	12.0
Meter readers, utilities	42	(¹)	(¹)	(¹)	(¹)
Postal service clerks.....	172	63.4	24.8	9.1	10.4
Postal service mail carriers.....	364	75.8	15.9	6.1	7.5
Postal service mail sorters, processors, and processing machine operators.....	84	46.4	37.0	12.2	6.5
Production, planning, and expediting clerks.....	258	88.8	6.5	2.6	10.2
Shipping, receiving, and traffic clerks	539	82.7	11.6	2.8	23.0
Stock clerks and order fillers.....	1,512	76.3	17.4	3.6	17.3
Weighers, measurers, checkers, and samplers, recordkeeping	68	82.4	14.0	0.9	19.9
Secretaries and administrative assistants	3,401	87.0	9.0	2.2	9.3
Computer operators.....	160	80.0	15.0	4.8	11.3
Data entry keyers.....	449	73.7	16.5	7.3	10.7
Word processors and typists	214	76.2	19.6	3.0	11.8
Desktop publishers	4	(¹)	(¹)	(¹)	(¹)
Insurance claims and policy processing clerks.....	283	80.2	15.4	1.7	13.8
Mail clerks and mail machine operators, except postal service.....	123	67.5	25.7	5.2	11.6
Office clerks, general.....	1,097	77.6	14.0	5.5	13.8
Office machine operators, except computer.....	48	(¹)	(¹)	(¹)	(¹)
Proofreaders and copy markers	13	(¹)	(¹)	(¹)	(¹)
Statistical assistants	21	(¹)	(¹)	(¹)	(¹)
Office and administrative support workers, all other.....	603	80.6	12.9	4.1	9.7
Natural resources, construction, and maintenance occupations	15,740	88.2	7.1	1.9	25.2
Farming, fishing, and forestry occupations.....	960	89.5	4.9	1.7	40.4
First-line supervisors/managers of farming, fishing, and forestry workers	42	(¹)	(¹)	(¹)	(¹)
Agricultural inspectors	14	(¹)	(¹)	(¹)	(¹)
Animal breeders.....	8	(¹)	(¹)	(¹)	(¹)
Graders and sorters, agricultural products	81	72.8	15.9	4.3	50.2
Miscellaneous agricultural workers.....	683	90.9	3.4	1.5	45.9
Fishers and related fishing workers.....	34	(¹)	(¹)	(¹)	(¹)
Hunters and trappers.....	1	(¹)	(¹)	(¹)	(¹)
Forest and conservation workers.....	9	(¹)	(¹)	(¹)	(¹)
Logging workers	88	89.8	7.7	0.2	15.1
Construction and extraction occupations.....	9,535	89.2	6.7	1.2	29.9
First-line supervisors/managers of construction trades and extraction workers.....	918	93.0	3.8	0.7	15.9
Boilermakers.....	24	(¹)	(¹)	(¹)	(¹)
Brickmasons, blockmasons, and stonemasons.....	233	85.4	9.1	0.7	37.2
Carpenters.....	1,824	89.8	5.6	1.8	26.9
Carpet, floor, and tile installers and finishers.....	258	92.6	5.1	1.1	43.3
Cement masons, concrete finishers and terrazzo workers	112	83.9	12.9	0.4	52.1
Construction laborers.....	1,771	86.0	8.6	1.7	44.6
Paving, surfacing, and tamping equipment operators	28	(¹)	(¹)	(¹)	(¹)
Pile-driver operators	5	(¹)	(¹)	(¹)	(¹)

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Operating engineers and other construction equipment operators.....	411	89.8	7.4	0.4	15.1
Drywall installers, ceiling tile installers, and tapers.....	232	93.1	3.5	0.2	53.6
Electricians.....	912	90.6	5.9	1.2	14.3
Glaziers.....	52	90.4	4.9	2.3	17.4
Insulation workers.....	52	94.2	4.5	0.6	36.0
Painters, construction and maintenance.....	714	88.5	5.6	1.5	41.0
Paperhangers.....	6	(¹)	(¹)	(¹)	(¹)
Pipelayers, plumbers, pipefitters, and steamfitters.....	697	88.5	8.3	1.0	23.0
Plasterers and stucco masons.....	82	98.8	—	—	65.3
Reinforcing iron and rebar workers.....	12	(¹)	(¹)	(¹)	(¹)
Roofers.....	269	92.9	4.9	0.1	45.1
Sheet metal workers.....	143	90.9	4.8	2.2	15.9
Structural iron and steel workers.....	88	87.5	5.2	2.2	9.6
Helpers, construction trades.....	117	82.1	14.0	0.4	39.2
Construction and building inspectors.....	107	87.9	7.8	4.1	8.0
Elevator installers and repairers.....	31	(¹)	(¹)	(¹)	(¹)
Fence erectors.....	35	(¹)	(¹)	(¹)	(¹)
Hazardous materials removal workers.....	17	(¹)	(¹)	(¹)	(¹)
Highway maintenance workers.....	109	83.5	14.4	—	19.5
Rail-track laying and maintenance equipment operators.....	12	(¹)	(¹)	(¹)	(¹)
Septic tank servicers and sewer pipe cleaners.....	5	(¹)	(¹)	(¹)	(¹)
Miscellaneous construction and related workers.....	48	(¹)	(¹)	(¹)	(¹)
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	43	(¹)	(¹)	(¹)	(¹)
Earth drillers, except oil and gas.....	40	(¹)	(¹)	(¹)	(¹)
Explosives workers, ordnance handling experts, and blasters.....	4	(¹)	(¹)	(¹)	(¹)
Mining machine operators.....	58	94.8	4.1	0.4	12.0
Roof bolters, mining.....	4	(¹)	(¹)	(¹)	(¹)
Roustabouts, oil and gas.....	5	(¹)	(¹)	(¹)	(¹)
Helpers—extraction workers.....	5	(¹)	(¹)	(¹)	(¹)
Other extraction workers.....	50	92.0	6.2	—	32.9
Installation, maintenance, and repair occupations.....	5,245	86.1	8.3	3.1	13.8
First-line supervisors/managers of mechanics, installers, and repairers.....	330	89.1	6.4	1.5	11.4
Computer, automated teller, and office machine repairers.....	318	75.2	12.8	9.8	10.2
Radio and telecommunications equipment installers and repairers.....	203	80.8	12.2	3.9	10.9
Avionics technicians.....	14	(¹)	(¹)	(¹)	(¹)
Electric motor, power tool, and related repairers.....	27	(¹)	(¹)	(¹)	(¹)
Electrical and electronics installers and repairers, transportation equipment.....	5	(¹)	(¹)	(¹)	(¹)
Electrical and electronics repairers, industrial and utility.....	14	(¹)	(¹)	(¹)	(¹)
Electronic equipment installers and repairers, motor vehicles.....	28	(¹)	(¹)	(¹)	(¹)
Electronic home entertainment equipment installers and repairers.....	62	83.9	8.6	7.4	13.2
Security and fire alarm systems installers.....	64	85.9	5.9	5.6	12.4
Aircraft mechanics and service technicians.....	126	84.9	7.8	2.8	11.7
Automotive body and related repairers.....	155	89.0	5.0	4.4	24.9
Automotive glass installers and repairers.....	16	(¹)	(¹)	(¹)	(¹)
Automotive service technicians and mechanics.....	879	86.7	7.9	3.6	17.7
Bus and truck mechanics and diesel engine specialists.....	365	89.0	7.6	1.7	12.7
Heavy vehicle and mobile equipment service technicians and mechanics.....	226	91.2	5.6	1.2	12.2

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Small engine mechanics.....	68	94.1	4.4	—	8.8
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	88	83.0	8.9	2.3	16.5
Control and valve installers and repairers.....	20	(¹)	(¹)	(¹)	(¹)
Heating, air conditioning, and refrigeration mechanics and installers.....	403	89.1	6.3	2.2	13.7
Home appliance repairers.....	51	84.3	7.2	5.4	11.3
Industrial and refractory machinery mechanics.....	426	86.4	8.3	2.6	11.4
Maintenance and repair workers, general.....	488	82.4	10.5	3.6	14.6
Maintenance workers, machinery.....	55	87.3	6.0	3.5	8.8
Millwrights.....	75	92.0	6.2	0.3	4.5
Electrical power-line installers and repairers.....	103	91.3	6.0	0.3	6.3
Telecommunications line installers and repairers.....	227	83.7	13.5	1.1	14.9
Precision instrument and equipment repairers.....	58	91.4	3.8	3.3	12.5
Coin, vending, and amusement machine servicers and repairers...	61	86.9	5.2	2.3	12.7
Commercial divers.....	7	(¹)	(¹)	(¹)	(¹)
Locksmiths and safe repairers.....	24	(¹)	(¹)	(¹)	(¹)
Manufactured building and mobile home installers.....	18	(¹)	(¹)	(¹)	(¹)
Riggers.....	8	(¹)	(¹)	(¹)	(¹)
Signal and track switch repairers.....	10	(¹)	(¹)	(¹)	(¹)
Helpers—installation, maintenance, and repair workers.....	22	(¹)	(¹)	(¹)	(¹)
Other installation, maintenance, and repair workers.....	198	86.4	8.0	2.6	19.7
Production, transportation, and material-moving occupations.....	18,171	79.4	14.6	3.6	19.7
Production occupations.....	9,395	80.5	12.6	4.8	20.4
First-line supervisors/managers of production and operating workers.....	941	82.6	11.6	4.8	10.2
Aircraft structure, surfaces, rigging, and systems assemblers.....	10	(¹)	(¹)	(¹)	(¹)
Electrical, electronics, and electromechanical assemblers.....	205	67.3	13.1	16.7	20.0
Engine and other machine assemblers.....	14	(¹)	(¹)	(¹)	(¹)
Structural metal fabricators and fitters.....	33	(¹)	(¹)	(¹)	(¹)
Miscellaneous assemblers and fabricators.....	1,071	77.6	15.3	5.1	18.6
Bakers.....	192	84.4	6.8	5.7	24.5
Butchers and other meat, poultry, and fish processing workers.....	281	80.4	13.1	4.0	41.1
Food and tobacco roasting, baking, and drying machine operators and tenders.....	16	(¹)	(¹)	(¹)	(¹)
Food batchmakers.....	92	80.4	12.5	2.2	32.4
Food cooking machine operators and tenders.....	7	(¹)	(¹)	(¹)	(¹)
Computer control programmers and operators.....	55	89.1	7.1	0.4	4.0
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	18	(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.....	118	89.0	9.4	0.8	22.0
Drilling and boring machine tool setters, operators, and and tenders, metal and plastic.....	2	(¹)	(¹)	(¹)	(¹)
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	55	72.7	23.9	1.4	15.6
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	15	(¹)	(¹)	(¹)	(¹)
Milling and planing machine setters, operators, and tenders, metal and plastic.....	4	(¹)	(¹)	(¹)	(¹)
Machinists.....	422	88.2	5.0	5.2	13.9

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Metal furnace and kiln operators and tenders	24	(¹)	(¹)	(¹)	(¹)
Model makers and patternmakers, metal and plastic	15	(¹)	(¹)	(¹)	(¹)
Molders and molding machine setters, operators, and tenders, metal and plastic.....	75	90.7	6.5	2.1	10.9
Multiple machine tool setters, operators, and tenders, metal and plastic.....	5	(¹)	(¹)	(¹)	(¹)
Tool and die makers.....	80	97.5	–	1.3	5.7
Welding, soldering, and brazing workers.....	577	87.0	7.3	2.8	20.3
Heat treating equipment setters, operators, and tenders, metal and plastic.....	13	(¹)	(¹)	(¹)	(¹)
Lay-out workers, metal and plastic	8	(¹)	(¹)	(¹)	(¹)
Plating and coating machine setters, operators, and tenders, metal and plastic.....	18	(¹)	(¹)	(¹)	(¹)
Tool grinders, filers, and sharpeners.....	7	(¹)	(¹)	(¹)	(¹)
Metalworkers and plastic workers, all other.....	435	81.6	12.4	4.8	25.4
Bookbinders and bindery workers	47	(¹)	(¹)	(¹)	(¹)
Job printers.....	42	(¹)	(¹)	(¹)	(¹)
Prepress technicians and workers.....	52	92.3	4.8	1.8	11.4
Printing machine operators.....	222	81.5	11.7	4.6	16.2
Laundry and dry-cleaning workers.....	229	69.4	21.0	7.6	30.9
Pressers, textile, garment, and related materials	59	72.9	20.5	5.9	52.3
Sewing machine operators	265	71.7	12.8	14.4	35.5
Shoe and leather workers and repairers.....	12	(¹)	(¹)	(¹)	(¹)
Shoe machine operators and tenders.....	9	(¹)	(¹)	(¹)	(¹)
Tailors, dressmakers, and sewers	90	75.6	5.9	18.5	29.0
Textile bleaching and dyeing machine operators and tenders.....	5	(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.....	13	(¹)	(¹)	(¹)	(¹)
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	25	(¹)	(¹)	(¹)	(¹)
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	0	(¹)	(¹)	(¹)	(¹)
Fabric and apparel patternmakers.....	5	(¹)	(¹)	(¹)	(¹)
Upholsterers	53	83.0	13.1	0.6	23.4
Textile, apparel, and furnishings workers, all other.....	16	(¹)	(¹)	(¹)	(¹)
Cabinetmakers and bench carpenters.....	91	85.7	4.4	3.6	19.3
Furniture finishers.....	20	(¹)	(¹)	(¹)	(¹)
Model makers and patternmakers, wood.....	1	(¹)	(¹)	(¹)	(¹)
Sawing machine setters, operators, and tenders, wood.....	52	88.5	9.5	–	24.9
Woodworking machine setters, operators, and tenders, except sawing.....	30	(¹)	(¹)	(¹)	(¹)
Woodworkers, all other.....	35	(¹)	(¹)	(¹)	(¹)
Power plant operators, distributors, and dispatchers.....	48	(¹)	(¹)	(¹)	(¹)
Stationary engineers and boiler operators.....	95	75.8	15.5	1.8	9.2
Water and liquid waste treatment plant and system operators.....	72	81.9	16.4	–	6.6
Miscellaneous plant and system operators.....	44	(¹)	(¹)	(¹)	(¹)
Chemical-processing machine setters, operators, and tenders.....	47	(¹)	(¹)	(¹)	(¹)
Crushing, grinding, polishing, mixing, and blending workers	118	77.1	15.7	4.8	19.4
Cutting workers.....	94	86.2	10.1	3.0	26.9
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	32	(¹)	(¹)	(¹)	(¹)
Furnace, kiln, oven, drier, and kettle operators and tenders.....	14	(¹)	(¹)	(¹)	(¹)

See footnotes at end of table.

Table 5. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total (In thousands)	Percent of total employed			
		White	Black or African American	Asian	Hispanic or Latino ethnicity
Inspectors, testers, sorters, samplers, and weighers	737	79.0	13.5	5.0	14.7
Jewelers and precious stone and metal workers.....	47	(¹)	(¹)	(¹)	(¹)
Medical, dental, and ophthalmic laboratory technicians	107	84.1	7.7	7.1	13.9
Packaging and filling machine operators and tenders	279	72.8	22.2	3.9	36.7
Painting workers.....	193	87.6	9.3	0.6	29.0
Photographic process workers and processing machine operators.....	64	79.7	10.0	9.4	11.9
Semiconductor processors.....	3	(¹)	(¹)	(¹)	(¹)
Cementing and gluing machine operators and tenders.....	16	(¹)	(¹)	(¹)	(¹)
Cleaning, washing, and metal pickling equipment operators and tenders.....	12	(¹)	(¹)	(¹)	(¹)
Cooling and freezing equipment operators and tenders.....	5	(¹)	(¹)	(¹)	(¹)
Etchers and engravers.....	8	(¹)	(¹)	(¹)	(¹)
Molders, shapers, and casters, except metal and plastic.....	39	(¹)	(¹)	(¹)	(¹)
Paper goods machine setters, operators, and tenders.....	49	(¹)	(¹)	(¹)	(¹)
Tire builders.....	15	(¹)	(¹)	(¹)	(¹)
Helpers—production workers.....	44	(¹)	(¹)	(¹)	(¹)
Production workers, all other.....	1,006	78.4	16.5	3.0	23.3
Transportation and material-moving occupations.....	8,776	78.2	16.8	2.3	19.0
Supervisors, transportation and material-moving workers.....	225	78.7	15.1	2.7	10.3
Aircraft pilots and flight engineers.....	123	95.1	0.5	3.0	2.0
Air traffic controllers and airfield operations specialists.....	33	(¹)	(¹)	(¹)	(¹)
Ambulance drivers and attendants, except emergency medical technicians.....	17	(¹)	(¹)	(¹)	(¹)
Bus drivers.....	578	69.7	26.8	1.1	11.3
Driver/salesworkers and truck drivers.....	3,460	82.7	13.8	1.4	17.5
Taxi drivers and chauffeurs.....	333	61.6	24.3	12.8	18.8
Motor vehicle operators, all other.....	74	73.0	18.2	5.7	16.9
Locomotive engineers and operators.....	52	82.7	17.0	—	2.8
Railroad brake, signal, and switch operators.....	6	(¹)	(¹)	(¹)	(¹)
Railroad conductors and yardmasters.....	53	86.8	8.8	3.4	11.3
Subway, streetcar, and other rail transportation workers.....	18	(¹)	(¹)	(¹)	(¹)
Sailors and marine oilers.....	15	(¹)	(¹)	(¹)	(¹)
Ship and boat captains and operators.....	41	(¹)	(¹)	(¹)	(¹)
Ship engineers.....	2	(¹)	(¹)	(¹)	(¹)
Bridge and lock tenders.....	3	(¹)	(¹)	(¹)	(¹)
Parking lot attendants.....	90	66.7	22.1	7.6	34.9
Service station attendants.....	90	81.1	8.2	8.7	15.8
Transportation inspectors.....	43	(¹)	(¹)	(¹)	(¹)
Other transportation workers.....	19	(¹)	(¹)	(¹)	(¹)
Conveyor operators and tenders.....	6	(¹)	(¹)	(¹)	(¹)
Crane and tower operators.....	61	86.9	12.4	—	12.6
Dredge, excavating, and loading machine operators.....	61	91.8	3.7	0.3	12.3
Hoist and winch operators.....	9	(¹)	(¹)	(¹)	(¹)
Industrial truck and tractor operators.....	571	72.0	23.0	1.5	23.8
Cleaners of vehicles and equipment.....	326	75.8	19.1	1.3	30.0
Laborers and freight, stock, and material movers, hand.....	1,877	76.9	17.9	1.9	20.1
Machine feeders and offbearers.....	29	(¹)	(¹)	(¹)	(¹)
Packers and packagers, hand.....	406	75.4	15.6	4.7	41.2
Pumping station operators.....	23	(¹)	(¹)	(¹)	(¹)
Refuse and recyclable material collectors.....	79	72.2	23.8	0.7	24.1
Shuttle car operators.....	4	(¹)	(¹)	(¹)	(¹)
Tank car, truck, and ship loaders.....	7	(¹)	(¹)	(¹)	(¹)
Material moving workers, all other.....	39	(¹)	(¹)	(¹)	(¹)

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

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 6. Employed persons by industry, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages

Industry	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over (thousands)	146,047	119,792	16,051	6,839	20,382
Percent	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, and fishing	1.4	1.6	0.3	0.4	2.1
Mining	0.5	0.6	0.2	0.2	0.5
Construction	8.1	8.9	4.2	2.6	14.7
Manufacturing.....	11.2	11.3	9.8	12.5	11.6
Durable goods.....	7.1	7.3	5.4	8.3	6.3
Nondurable goods.....	4.1	4.0	4.4	4.2	5.3
Wholesale and retail trade.....	14.3	14.6	13.0	13.5	13.8
Wholesale trade	3.0	3.1	2.2	2.8	3.1
Retail trade	11.3	11.4	10.8	10.7	10.7
Transportation and utilities	5.2	4.9	8.3	4.3	5.1
Information.....	2.4	2.4	2.6	2.6	1.7
Financial activities	7.2	7.2	6.6	8.2	5.4
Professional and business services	10.7	10.8	9.1	13.9	10.6
Education and health services.....	21.0	20.3	26.5	21.7	14.4
Leisure and hospitality.....	8.5	8.3	8.2	10.8	11.8
Other services	4.8	4.8	4.5	5.9	5.5
Other services, except private households	4.2	4.2	3.9	5.5	4.2
Private households.....	0.6	0.6	0.6	0.4	1.4
Public administration	4.6	4.4	6.6	3.5	2.9
Men, 16 years and over (thousands).....	78,254	65,289	7,500	3,677	12,310
Percent	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, and fishing	2.0	2.3	0.6	0.4	2.9
Mining	0.8	0.9	0.4	0.4	0.7
Construction	13.7	14.8	8.2	4.0	23.4
Manufacturing.....	14.6	14.8	13.4	14.2	12.8
Durable goods.....	9.8	10.1	8.0	10.1	7.5
Nondurable goods.....	4.8	4.8	5.4	4.2	5.3
Wholesale and retail trade.....	14.7	14.8	14.4	14.1	13.1
Wholesale trade	3.9	4.1	3.5	3.2	3.7
Retail trade	10.8	10.8	10.9	10.9	9.4
Transportation and utilities	7.4	6.9	12.7	5.5	6.6
Information.....	2.6	2.6	2.7	3.3	1.7
Financial activities.....	6.0	6.0	5.2	7.9	3.9
Professional and business services	11.5	11.4	9.9	16.4	11.1
Education and health services.....	9.9	9.2	13.5	14.6	5.8
Leisure and hospitality.....	7.7	7.4	7.9	11.0	11.1
Other services	4.3	4.2	4.9	4.9	4.6
Other services, except private households	4.2	4.1	4.8	4.8	4.4
Private households.....	0.1	0.1	0.1	0.1	0.2
Public administration	4.8	4.6	6.2	3.4	2.5

See footnotes at end of table.

Table 6. Employed persons by industry, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Industry	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Women, 16 years and over (thousands)	67,792	54,503	8,551	3,162	8,072
Percent	100.0	100.0	100.0	100.0	100.0
Agriculture, forestry, and fishing	0.7	0.8	0.1	0.4	0.9
Mining	0.1	0.2	0.0	0.0	0.1
Construction	1.7	1.8	0.7	0.9	1.5
Manufacturing	7.2	7.1	6.7	10.4	9.7
Durable goods	4.0	4.0	3.2	6.2	4.4
Nondurable goods	3.2	3.1	3.5	4.2	5.3
Wholesale and retail trade	13.9	14.2	11.7	12.9	14.9
Wholesale trade	1.9	2.0	1.1	2.4	2.2
Retail trade	12.0	12.3	10.6	10.5	12.7
Transportation and utilities	2.8	2.5	4.4	2.8	2.8
Information	2.2	2.2	2.5	1.9	1.6
Financial activities	8.6	8.7	7.8	8.7	7.5
Professional and business services	9.8	10.0	8.4	10.9	9.8
Education and health services	33.8	33.5	37.9	29.9	27.6
Leisure and hospitality	9.4	9.4	8.5	10.5	13.0
Other services	5.4	5.4	4.2	7.1	7.0
Other services, except private households	4.3	4.3	3.1	6.3	3.8
Private households	1.1	1.1	1.0	0.8	3.2
Public administration	4.5	4.1	7.0	3.7	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 7. Employment and unemployment in families by type of family, race, and Hispanic or Latino ethnicity, 2006 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	77,017	62,997	9,058	3,251	9,905
With employed member(s)	63,492	52,054	7,078	2,924	8,641
As a percent of total families	82.4	82.6	78.1	89.9	87.2
With unemployed member(s)	4,913	3,556	1,036	171	793
As a percent of total families	6.4	5.6	11.4	5.3	8.0
Some member(s) employed	3,419	2,582	596	137	544
As a percent of families with unemployed member(s).....	69.6	72.6	57.5	80.1	68.6
Some usually work full time	3,049	2,306	526	123	491
As a percent of families with unemployed member(s)	62.1	64.8	50.8	71.9	61.9
Married-couple families	57,509	49,791	4,005	2,601	6,570
With employed member(s)	48,196	41,476	3,396	2,352	5,969
As a percent of total families	83.8	83.3	84.8	90.4	90.9
With unemployed member(s)	2,968	2,401	352	129	461
As a percent of total families	5.2	4.8	8.8	5.0	7.0
Some member(s) employed	2,442	1,972	288	110	371
As a percent of families with unemployed member(s).....	82.3	82.1	81.8	85.3	80.5
Some usually work full time	2,221	1,789	268	99	339
As a percent of families with unemployed member(s)	74.8	74.5	76.1	76.7	73.5
Families maintained by women.....	14,208	9,246	4,100	411	2,299
With employed member(s)	10,796	7,186	2,929	355	1,738
As a percent of total families	76.0	77.7	71.4	86.4	75.6
With unemployed member(s)	1,429	808	553	20	231
As a percent of total families	10.1	8.7	13.5	4.9	10.0
Some member(s) employed	675	404	237	12	111
As a percent of families with unemployed member(s).....	47.2	50.0	42.9	60.0	48.1
Some usually work full time	562	336	195	11	96
As a percent of families with unemployed member(s)	39.3	41.6	35.3	55.0	41.6
Families maintained by men	5,300	3,940	953	239	1,036
With employed member(s)	4,500	3,392	753	217	934
As a percent of total families	84.9	86.1	79.0	90.8	90.2
With unemployed member(s)	516	347	131	22	100
As a percent of total families	9.7	8.8	13.7	9.2	9.7
Some member(s) employed	301	206	71	15	63
As a percent of families with unemployed member(s)	58.3	59.4	54.2	68.2	63.0
Some usually work full time	267	182	64	14	57
As a percent of families with unemployed member(s)	51.7	52.4	48.9	63.6	57.0

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. Labor force participation rates by presence and age of youngest child, sex, race, and Hispanic or Latino ethnicity, 1996-2006 annual averages

(Percent)

Year	Total			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
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
With children 6 to 17 years									
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
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
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

See note at end of table.

Table 8. Labor force participation rates by presence and age of youngest child, sex, race, and Hispanic or Latino ethnicity, 1996-2006 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
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
With children 6 to 17 years						
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

See note at end of table.

Table 8. Labor force participation rates by presence and age of youngest child, sex, race, and Hispanic or Latino ethnicity, 1996-2006 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
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

NOTE: Beginning in 2003, estimates for White, Black or African American, and Asian race groups include persons who selected that race group only; previously, multi-racial persons were included in the group they identified as their main race. Asian estimates for 2000-02

include Asians 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.

Table 9. Unemployment rates by sex, race, and Hispanic or Latino ethnicity, 1972-2007 annual averages

(Percent)

Year	Both sexes			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

NOTE: Beginning in 2003, estimates for White, Black or African American, and Asian race groups include persons who selected that race group only; previously, multi-racial persons were included in the group they identified as their main race.

Asian estimates for 2000-02 include Asians 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.

Table 10. Unemployed persons by duration of unemployment, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages

Duration of unemployment	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over (thousands).....	7,078	5,143	1,445	229	1,220
Percent.....	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks.....	35.9	37.9	28.6	35.2	40.6
5 to 14 weeks.....	31.5	31.8	30.6	31.3	31.2
15 to 26 weeks.....	15.0	14.5	17.5	12.5	13.9
27 weeks and over.....	17.6	15.8	23.3	20.9	14.3
Average (mean) duration, in weeks.....	16.8	15.7	20.7	17.5	14.9
Median duration, in weeks.....	8.5	7.9	11.1	8.7	7.3
Men, 16 years and over (thousands).....	3,882	2,869	752	119	695
Percent.....	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks.....	35.3	37.3	27.3	34.0	41.1
5 to 14 weeks.....	31.6	31.8	30.4	32.6	32.0
15 to 26 weeks.....	14.9	14.4	17.7	12.4	13.4
27 weeks and over.....	18.2	16.5	24.6	21.0	13.6
Average (mean) duration, in weeks.....	17.3	16.3	21.6	17.8	14.6
Median duration, in weeks.....	8.7	8.0	11.7	8.9	7.2
Women, 16 years and over (thousands).....	3,196	2,274	693	110	525
Percent.....	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks.....	36.7	38.6	29.9	36.6	40.0
5 to 14 weeks.....	31.4	31.7	30.9	30.0	30.2
15 to 26 weeks.....	15.1	14.7	17.3	12.7	14.5
27 weeks and over.....	16.8	15.0	21.9	20.7	15.3
Average (mean) duration, in weeks.....	16.2	15.1	19.8	17.2	15.5
Median duration, in weeks.....	8.4	7.8	10.4	8.5	7.5

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 11. Unemployed persons by reason for unemployment, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages

Reason for unemployment	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over (thousands).....	7,078	5,143	1,445	229	1,220
Percent.....	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs.....	49.7	51.8	44.1	41.6	52.1
On temporary layoff.....	13.8	15.7	8.4	7.1	15.1
Not on temporary layoff.....	35.9	36.2	35.6	34.6	37.0
Permanent job losers.....	25.2	25.8	23.3	24.6	22.6
Persons who completed temporary jobs.....	10.7	10.4	12.3	10.0	14.4
Job leavers.....	11.2	11.6	9.6	10.9	9.1
Reentrants.....	30.3	28.7	34.6	34.7	28.4
New entrants.....	8.9	7.9	11.7	12.7	10.4
Men, 16 years and over (thousands).....	3,882	2,869	752	119	695
Percent.....	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs.....	56.0	58.2	50.0	47.1	60.9
On temporary layoff.....	15.9	18.0	9.2	6.7	18.4
Not on temporary layoff.....	40.2	40.2	40.8	41.2	42.4
Permanent job losers.....	27.3	27.9	25.5	27.7	25.5
Persons who completed temporary jobs.....	12.8	12.3	15.2	12.6	17.0
Job leavers.....	10.5	10.8	8.8	11.8	8.5
Reentrants.....	24.6	23.4	28.1	31.1	21.3
New entrants.....	8.8	7.7	13.3	9.2	9.4
Women, 16 years and over (thousands).....	3,196	2,274	693	110	525
Percent.....	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs.....	41.9	43.9	37.7	35.5	40.4
On temporary layoff.....	11.3	12.7	7.6	7.3	10.7
Not on temporary layoff.....	30.7	31.2	30.2	27.3	29.7
Permanent job losers.....	22.5	23.2	20.9	20.9	18.9
Persons who completed temporary jobs.....	8.2	8.0	9.2	6.4	11.0
Job leavers.....	12.0	12.5	10.7	10.0	10.1
Reentrants.....	37.1	35.4	41.8	38.2	37.7
New entrants.....	8.9	8.3	10.0	17.3	11.8

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. Median usual weekly earnings of full-time wage and salary workers by sex, race, and Hispanic or Latino ethnicity, 1979-2007 annual averages

Year	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

See note at end of table.

Table 12. Median usual weekly earnings of full-time wage and salary workers by sex, race, and Hispanic or Latino ethnicity, 1979-2007 annual averages—Continued

Year	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

See note at end of table.

Table 12. Median usual weekly earnings of full-time wage and salary workers by sex, race, and Hispanic or Latino ethnicity, 1979-2007 annual averages—Continued

Year	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

See note at end of table.

Table 12. Median usual weekly earnings of full-time wage and salary workers by sex, race, and Hispanic or Latino ethnicity, 1979-2007 annual averages—Continued

Year	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

NOTE: Beginning in 2003, estimates for White, Black or African American, and Asian race groups include persons who selected that race group only; previously, multi-racial persons were included in the group they identified as their main race. Asian estimates for 2000-02

include Asians 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.

Table 13. Median usual weekly earnings of full-time wage and salary workers by educational attainment, sex, race, and Hispanic or Latino ethnicity, 2007 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.....	\$738	\$759	\$596	\$864	\$525
Less than a high school diploma	428	437	400	418	406
High school graduates, no college	604	624	504	538	524
Some college, no degree.....	683	708	584	676	616
Associate degree.....	740	762	614	715	681
Bachelor's degree and higher	1,072	1,099	877	1,142	923
Men, 25 years and over	823	850	629	964	562
Less than a high school diploma	481	486	449	461	428
High school graduates, no college	689	718	549	607	584
Some college, no degree.....	784	815	632	742	684
Associate degree.....	857	883	671	744	794
Bachelor's degree and higher	1,243	1,267	931	1,276	1,005
Women, 25 years and over.....	646	663	566	751	493
Less than a high school diploma	369	368	374	384	343
High school graduates, no college	512	523	470	486	469
Some college, no degree.....	592	603	543	595	543
Associate degree.....	640	659	576	655	592
Bachelor's degree and higher	932	942	837	958	848

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 occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Total, 16 years and over	\$695	\$716	\$569	\$830	\$503
Management, professional, and related occupations	996	1,010	787	1,163	844
Management, business, and financial operations	1,080	1,117	854	1,161	830
Management occupations	1,161	1,174	913	1,390	865
Business and financial operations occupations	941	959	790	972	765
Professional and related occupations	951	960	757	1,164	853
Computer and mathematical occupations	1,229	1,240	950	1,289	1,091
Architecture and engineering occupations	1,213	1,216	960	1,381	1,154
Life, physical, and social science occupations	1,053	1,060	899	1,127	940
Community and social services occupations	755	773	672	766	739
Legal occupations	1,148	1,160	967	1,211	984
Education, training, and library occupations	841	858	719	931	789
Arts, design, entertainment, sports, and media occupations	829	834	712	927	716
Healthcare practitioner and technical occupations	920	933	741	1,085	827
Service occupations	454	457	437	481	393
Healthcare support occupations	454	461	422	505	464
Protective service occupations	719	758	592	585	737
Food preparation and serving related occupations	385	380	390	435	359
Building and grounds cleaning and maintenance occupations	422	422	416	491	387
Personal care and service occupations	434	437	415	476	387
Sales and office occupations	598	608	519	653	513
Sales and related occupations	643	675	466	671	495
Office and administrative support occupations	581	585	547	637	519
Natural resources, construction, and maintenance occupations	670	677	602	743	503
Farming, fishing, and forestry occupations	372	377	347	322	338
Construction and extraction occupations	646	654	592	705	506
Installation, maintenance, and repair occupations	749	757	636	807	620
Production, transportation, and material moving occupations	577	592	509	523	451
Production occupations	581	598	503	509	446
Transportation and material moving occupations	570	586	514	604	457

See note at end of table.

Table 14. Median usual weekly earnings of full-time wage and salary workers by occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Men, 16 years and over	\$766	\$788	\$600	\$936	\$520
Management, professional, and related occupations	1,187	1,211	899	1,342	985
Management, business, and financial operations	1,261	1,292	979	1,373	922
Management occupations	1,337	1,352	990	1,527	932
Business and financial operations occupations	1,131	1,149	958	1,126	895
Professional and related occupations	1,148	1,152	843	1,327	1,024
Computer and mathematical occupations	1,294	1,328	967	1,336	1,210
Architecture and engineering occupations	1,258	1,258	962	1,464	1,163
Life, physical, and social science occupations	1,151	1,144	877	1,356	1,126
Community and social services occupations	807	847	729	700	868
Legal occupations	1,579	1,625	1,255	1,591	1,356
Education, training, and library occupations	1,007	1,021	790	1,242	957
Arts, design, entertainment, sports, and media occupations	920	912	817	1,026	803
Healthcare practitioner and technical occupations	1,156	1,206	834	1,196	959
Service occupations	515	526	490	505	414
Healthcare support occupations	522	517	533	473	505
Protective service occupations	754	791	619	580	773
Food preparation and serving related occupations	403	401	396	461	381
Building and grounds cleaning and maintenance occupations	472	472	471	504	410
Personal care and service occupations	578	603	489	561	492
Sales and office occupations	714	742	552	699	578
Sales and related occupations	791	824	562	746	617
Office and administrative support occupations	619	637	547	647	514
Natural resources, construction, and maintenance occupations	674	681	603	767	507
Farming, fishing, and forestry occupations	382	386	325	451	344
Construction and extraction occupations	648	655	591	712	506
Installation, maintenance, and repair occupations	750	758	630	827	620
Production, transportation, and material moving occupations	616	634	531	608	494
Production occupations	641	659	556	602	501
Transportation and material moving occupations	596	611	519	619	487

See note at end of table.

Table 14. Median usual weekly earnings of full-time wage and salary workers by occupation, sex, race, and Hispanic or Latino ethnicity, 2007 annual averages—Continued

Occupation	Total	White	Black or African American	Asian	Hispanic or Latino ethnicity
Women, 16 years and over	\$614	\$626	\$533	\$731	\$473
Management, professional, and related occupations	858	868	740	978	744
Management, business, and financial operations	908	924	784	997	757
Management occupations	963	972	857	1,149	800
Business and financial operations occupations	832	842	747	931	725
Professional and related occupations	835	844	707	969	729
Computer and mathematical occupations	1,047	1,048	881	1,142	879
Architecture and engineering occupations	981	985	953	958	1,012
Life, physical, and social science occupations	939	952	924	928	881
Community and social services occupations	720	735	651	866	694
Legal occupations	930	932	935	1,103	807
Education, training, and library occupations	784	801	700	840	728
Arts, design, entertainment, sports, and media occupations	732	741	659	755	614
Healthcare practitioner and technical occupations	875	886	704	1,020	731
Service occupations	406	403	412	442	362
Healthcare support occupations	447	456	415	513	459
Protective service occupations	588	616	522	728	629
Food preparation and serving related occupations	363	358	380	415	324
Building and grounds cleaning and maintenance occupations	376	367	393	477	343
Personal care and service occupations	402	402	404	406	365
Sales and office occupations	550	558	512	605	494
Sales and related occupations	493	508	411	520	401
Office and administrative support occupations	570	574	547	629	521
Natural resources, construction, and maintenance occupations	539	545	567	431	377
Farming, fishing, and forestry occupations	348	348	369	308	320
Construction and extraction occupations	573	568	696	553	487
Installation, maintenance, and repair occupations	726	746	684	508	623
Production, transportation, and material moving occupations	437	438	429	440	370
Production occupations	443	449	418	435	378
Transportation and material moving occupations	424	417	473	475	351

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 inmates of institutions (for example, penal and mental facilities, homes for the aged), and who are not on active duty in the Armed Forces.

Employed persons. All persons who, during the reference week, (a) did any work at all (at least 1 hour) as paid employees, worked in their own business, 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 unem-

ployment; 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 layoff, who have been given a date to return to work or who expect to return within 6 months (persons on layoff need not be looking for work to qualify as unemployed), (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 unemployed as a percent of the labor force.

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

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

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 online 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.

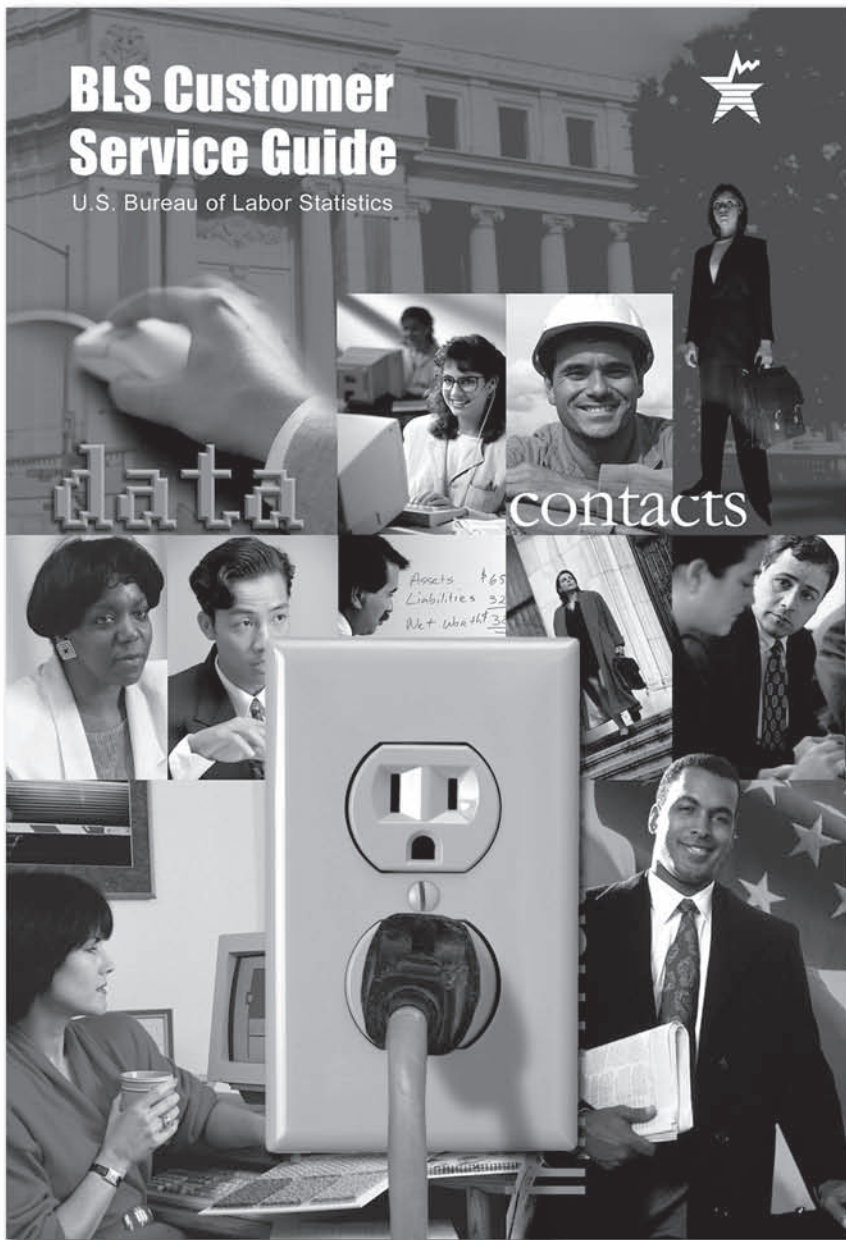
Reliability of the estimates

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.

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