

Table 383.—Labor force participation of persons 16 years old and over, by age, sex, race/ethnicity, and highest level of education: 1998

| Age, sex, and race/ethnicity | Labor force participation rate ¹ | | | | | | Employment/population ratio ² | | | | | |
|---------------------------------------|---|---|----------------------|-------------------------|------------------|-----------------------------|--|---|----------------------|-------------------------|------------------|-----------------------------|
| | Total | Less than high school graduate ³ | High school graduate | College | | | Total | Less than high school graduate ³ | High school graduate | College | | |
| | | | | Some college, no degree | Associate degree | Bachelor's degree or higher | | | | Some college, no degree | Associate degree | Bachelor's degree or higher |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 16 to 19 years old ⁴ | 52.8 | 46.0 | 70.6 | 60.9 | (⁵) | (⁵) | 45.1 | 38.0 | 61.8 | 56.2 | (⁵) | (⁵) |
| Men | 53.3 | 47.2 | 72.5 | 58.7 | (⁵) | (⁵) | 44.7 | 38.4 | 62.7 | 53.6 | (⁵) | (⁵) |
| Women | 52.3 | 44.6 | 68.8 | 62.6 | (⁵) | (⁵) | 45.5 | 37.5 | 61.0 | 58.2 | (⁵) | (⁵) |
| White ⁶ | 56.0 | 49.3 | 73.1 | 63.7 | (⁵) | (⁵) | 49.0 | 42.0 | 66.1 | 59.3 | (⁵) | (⁵) |
| Black ⁶ | 41.6 | 34.7 | 62.0 | 52.3 | (⁵) | (⁵) | 30.1 | 23.2 | 48.1 | 45.0 | (⁵) | (⁵) |
| Hispanic ⁷ | 45.7 | 39.1 | 69.1 | 56.8 | (⁵) | (⁵) | 36.0 | 29.5 | 57.5 | 49.7 | (⁵) | (⁵) |
| 20 to 24 years old ⁴ | 77.5 | 68.0 | 82.3 | 73.6 | 86.1 | 84.6 | 71.4 | 57.1 | 74.8 | 69.3 | 82.4 | 81.2 |
| Men | 82.0 | 80.8 | 89.5 | 74.2 | 86.8 | 84.6 | 75.4 | 69.3 | 81.9 | 69.6 | 83.3 | 80.9 |
| Women | 94.5 | 51.2 | 74.2 | 73.1 | 85.6 | 84.6 | 87.2 | 41.0 | 67.0 | 69.0 | 82.0 | 81.3 |
| White ⁶ | 79.5 | 70.8 | 83.9 | 75.9 | 86.5 | 86.0 | 74.4 | 61.8 | 77.8 | 72.0 | 83.1 | 82.7 |
| Black ⁶ | 70.6 | 58.3 | 76.0 | 67.3 | 90.2 | 81.2 | 58.8 | 38.9 | 62.3 | 60.2 | 82.6 | 77.4 |
| Hispanic ⁷ | 76.1 | 70.2 | 81.2 | 76.1 | 80.2 | 85.3 | 68.9 | 62.0 | 73.4 | 70.8 | 75.5 | 80.0 |
| 25 and older | 67.3 | 42.8 | 65.1 | 72.2 | 79.3 | 80.2 | 65.0 | 39.7 | 62.5 | 69.9 | 77.3 | 78.8 |
| Men | 76.2 | 55.2 | 76.2 | 79.3 | 86.4 | 85.0 | 73.8 | 51.8 | 73.2 | 77.0 | 84.4 | 83.6 |
| Women | 59.2 | 31.5 | 55.9 | 65.8 | 73.7 | 75.0 | 57.1 | 28.8 | 53.6 | 63.6 | 71.8 | 73.5 |
| White ⁶ | 67.1 | 43.1 | 64.3 | 71.2 | 78.9 | 79.8 | 65.1 | 40.4 | 62.1 | 69.2 | 77.1 | 78.5 |
| Black ⁶ | 67.9 | 40.0 | 70.4 | 78.0 | 83.3 | 84.8 | 63.6 | 35.4 | 65.2 | 73.7 | 80.1 | 82.3 |
| Hispanic ⁷ | 69.6 | 58.7 | 74.4 | 79.7 | 83.9 | 83.5 | 65.8 | 54.5 | 70.3 | 76.5 | 81.1 | 80.8 |

¹ Percent of the civilian population who are employed or seeking employment.

² Number of persons employed as a percent of civilian population.

³ Includes persons reporting no school years completed.

⁴ Excludes persons enrolled in school.

⁵ Sample size too small for stable estimates.

⁶ Includes persons of Hispanic origin.

⁷ Hispanics may be of any race.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished tabulations of annual averages from the Current Population Survey. (This table was prepared August 1999.)

Table 384.—Occupation of employed persons 25 to 64 years old, by educational attainment and sex: 1998

| Sex and occupation | Total employed, in thousands | Percentage distribution, by years of school completed | | | | | | | | |
|--|------------------------------|---|-----------------------------------|--------------------------------------|----------------------|-------------------------|------------------|-------------------|-------------------------------|--|
| | | Total | Less than one year of high school | High school | | College | | | | |
| | | | | 1-4 years of high school, no diploma | High school graduate | Some college, no degree | Associate degree | Bachelor's degree | More than a bachelor's degree | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| All persons | | | | | | | | | | |
| All occupational groups | 108,131 | 100.0 | 3.4 | 6.7 | 32.1 | 18.5 | 8.9 | 20.1 | 10.2 | |
| Managerial and professional specialty | 35,600 | 100.0 | 0.4 | 1.3 | 13.0 | 13.4 | 8.8 | 36.7 | 26.5 | |
| Executive, administrative, and managerial | 17,535 | 100.0 | 0.6 | 2.2 | 20.5 | 18.8 | 8.5 | 34.8 | 14.6 | |
| Professional specialty occupations | 18,065 | 100.0 | 0.1 | 0.5 | 5.6 | 8.1 | 9.1 | 38.5 | 38.1 | |
| Teachers, except college and university | 4,474 | 100.0 | 0.1 | 0.4 | 5.5 | 6.5 | 3.2 | 47.6 | 36.7 | |
| Teachers, college and university | 779 | 100.0 | 0.0 | 0.0 | 0.6 | 2.2 | 1.5 | 15.1 | 80.6 | |
| Technical, sales, and administrative support | 30,348 | 100.0 | 0.8 | 3.6 | 35.3 | 25.3 | 11.4 | 19.8 | 3.8 | |
| Technicians and related support | 3,677 | 100.0 | 0.2 | 1.4 | 19.5 | 23.7 | 22.9 | 26.3 | 5.5 | |
| Sales occupations | 11,693 | 100.0 | 1.3 | 4.9 | 32.7 | 21.9 | 8.2 | 25.7 | 5.3 | |
| Administrative support, including clerical | 14,977 | 100.0 | 0.6 | 3.0 | 41.2 | 28.1 | 11.1 | 13.7 | 2.2 | |
| Service occupations | 12,674 | 100.0 | 7.4 | 12.8 | 42.5 | 20.2 | 8.0 | 7.9 | 1.2 | |
| Precision production, craft, and repair | 12,581 | 100.0 | 5.0 | 11.4 | 46.6 | 20.0 | 9.5 | 6.6 | 1.0 | |
| Operators, fabricators, and laborers | 14,397 | 100.0 | 8.8 | 15.9 | 50.2 | 15.1 | 5.1 | 4.2 | 0.7 | |
| Farming, forestry, and fishing | 2,531 | 100.0 | 17.8 | 13.2 | 37.6 | 14.3 | 5.6 | 9.5 | 2.0 | |
| Men | | | | | | | | | | |
| All occupational groups | 58,326 | 100.0 | 4.1 | 7.5 | 31.9 | 17.8 | 8.0 | 20.0 | 10.8 | |
| Managerial and professional specialty | 18,176 | 100.0 | 0.5 | 1.5 | 12.2 | 12.9 | 6.9 | 36.8 | 29.2 | |
| Executive, administrative, and managerial | 9,740 | 100.0 | 0.8 | 2.3 | 18.4 | 16.9 | 7.3 | 37.4 | 16.9 | |
| Professional specialty occupations | 8,436 | 100.0 | 0.2 | 0.6 | 4.9 | 8.3 | 6.4 | 36.1 | 43.5 | |
| Teachers, except college and university | 1,111 | 100.0 | 0.1 | 0.4 | 4.1 | 6.1 | 3.4 | 45.7 | 40.1 | |
| Teachers, college and university | 446 | 100.0 | 0.0 | 0.0 | 0.7 | 2.9 | 1.3 | 12.8 | 82.5 | |
| Technical, sales, and administrative support | 10,984 | 100.0 | 1.1 | 3.3 | 27.7 | 23.8 | 10.3 | 27.8 | 6.0 | |
| Technicians and related support | 1,684 | 100.0 | 0.1 | 1.1 | 17.6 | 24.2 | 19.1 | 30.9 | 6.9 | |
| Sales occupations | 6,245 | 100.0 | 1.2 | 3.4 | 27.2 | 21.9 | 8.3 | 31.0 | 6.9 | |
| Administrative support, including clerical | 3,054 | 100.0 | 1.2 | 4.2 | 34.3 | 27.5 | 9.5 | 19.7 | 3.5 | |
| Service occupations | 4,980 | 100.0 | 7.9 | 10.0 | 38.1 | 22.2 | 9.1 | 11.0 | 1.8 | |
| Precision production, craft, and repair | 11,510 | 100.0 | 4.9 | 11.3 | 46.6 | 20.2 | 9.7 | 6.4 | 0.9 | |
| Operators, fabricators, and laborers | 10,658 | 100.0 | 8.1 | 15.5 | 50.0 | 16.0 | 5.4 | 4.5 | 0.7 | |
| Farming, forestry, and fishing | 2,018 | 100.0 | 18.7 | 14.0 | 37.1 | 13.6 | 5.7 | 8.9 | 2.1 | |
| Women | | | | | | | | | | |
| All occupational groups | 49,805 | 100.0 | 2.5 | 5.8 | 32.5 | 19.4 | 10.1 | 20.2 | 9.5 | |
| Managerial and professional specialty | 17,424 | 100.0 | 0.2 | 1.2 | 13.8 | 13.8 | 10.8 | 36.5 | 23.7 | |
| Executive, administrative, and managerial | 7,795 | 100.0 | 0.4 | 2.0 | 23.1 | 21.1 | 10.0 | 31.5 | 11.8 | |
| Professional specialty occupations | 9,629 | 100.0 | 0.1 | 0.5 | 6.2 | 7.9 | 11.4 | 40.6 | 33.3 | |
| Teachers, except college and university | 3,363 | 100.0 | 0.1 | 0.4 | 6.0 | 6.7 | 3.2 | 48.2 | 35.1 | |
| Teachers, college and university | 333 | 100.0 | 0.0 | 0.0 | 0.6 | 1.2 | 1.8 | 18.3 | 78.5 | |
| Technical, sales, and administrative support | 19,364 | 100.0 | 0.7 | 3.7 | 39.7 | 26.1 | 12.0 | 15.3 | 2.5 | |
| Technicians and related support | 1,993 | 100.0 | 0.2 | 1.8 | 21.2 | 23.2 | 26.1 | 22.4 | 4.3 | |
| Sales occupations | 5,448 | 100.0 | 1.4 | 6.7 | 39.1 | 21.8 | 8.1 | 19.6 | 3.3 | |
| Administrative support, including clerical | 11,923 | 100.0 | 0.4 | 2.7 | 43.0 | 28.3 | 11.5 | 12.2 | 1.8 | |
| Service occupations | 7,694 | 100.0 | 7.1 | 14.5 | 45.4 | 19.0 | 7.3 | 5.9 | 0.8 | |
| Precision production, craft, and repair | 1,071 | 100.0 | 5.6 | 11.6 | 47.1 | 18.8 | 7.1 | 8.5 | 1.3 | |
| Operators, fabricators, and laborers | 3,738 | 100.0 | 10.9 | 17.2 | 50.8 | 12.6 | 4.3 | 3.5 | 0.6 | |
| Farming, forestry, and fishing | 513 | 100.0 | 14.2 | 9.9 | 39.6 | 16.8 | 5.7 | 11.9 | 1.9 | |

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished tabulations from the Current Population Survey. (This table was prepared August 1999.)