

**Table 28. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates for the civilian noninstitutional population ages 25 and over by educational attainment, 2003 annual averages**

Area and educational attainment	Civilian labor force participation rate	Employment-population ratio	Unemployment rate
<b>Atlanta MSA</b>			
Less than a high school diploma .....	52.8	50.5	4.3
High school graduates, no college .....	71.9	68.6	4.6
Some college or associate degreee .....	80.0	76.1	4.8
Bachelor's degree and higher .....	84.1	82.1	2.4
<b>Baltimore PMSA</b>			
Less than a high school diploma .....	36.8	34.2	7.1
High school graduates, no college .....	61.4	58.7	4.3
Some college or associate degreee .....	74.9	72.3	3.5
Bachelor's degree and higher .....	79.8	78.0	2.3
<b>Bergen-Passaic PMSA</b>			
Less than a high school diploma .....	43.7	39.4	9.9
High school graduates, no college .....	60.7	58.5	3.7
Some college or associate degreee .....	68.8	65.5	4.9
Bachelor's degree and higher .....	82.8	81.2	1.9
<b>Boston PMSA</b>			
Less than a high school diploma .....	35.0	31.9	8.9
High school graduates, no college .....	61.2	58.1	5.0
Some college or associate degreee .....	69.9	66.0	5.5
Bachelor's degree and higher .....	82.4	79.1	4.1
<b>Buffalo-Niagara Falls MSA</b>			
High school graduates, no college .....	60.6	57.9	4.5
Some college or associate degreee .....	72.6	67.7	6.7
Bachelor's degree and higher .....	80.4	77.1	4.1
<b>Charlotte-Gastonia-Rock Hill MSA</b>			
Less than a high school diploma .....	45.5	39.7	12.7
High school graduates, no college .....	65.7	60.4	8.0
Some college or associate degreee .....	73.5	69.5	5.5
Bachelor's degree and higher .....	78.8	76.9	2.4
<b>Chicago PMSA</b>			
Less than a high school diploma .....	51.7	46.4	10.2
High school graduates, no college .....	62.1	58.3	6.1
Some college or associate degreee .....	76.0	71.6	5.9
Bachelor's degree and higher .....	79.4	76.5	3.7
<b>Cincinnati PMSA</b>			
Less than a high school diploma .....	41.6	38.7	6.9
High school graduates, no college .....	67.0	64.0	4.5
Some college or associate degreee .....	76.9	74.9	2.7
Bachelor's degree and higher .....	77.4	76.0	1.9
<b>Cleveland-Lorain-Elyria PMSA</b>			
Less than a high school diploma .....	42.1	38.8	7.7
High school graduates, no college .....	61.9	57.4	7.2
Some college or associate degreee .....	76.5	73.1	4.3
Bachelor's degree and higher .....	80.9	78.7	2.7

**Table 28. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates for the civilian noninstitutional population ages 25 and over by educational attainment, 2003 annual averages — Continued**

Area and educational attainment	Civilian labor force participation rate	Employment-population ratio	Unemployment rate
<b>Columbus, Ohio MSA</b>			
Less than a high school diploma .....	52.5	48.2	8.2
High school graduates, no college .....	67.4	63.7	5.5
Some college or associate degreee .....	75.6	71.9	4.9
Bachelor's degree and higher .....	82.9	79.3	4.4
<b>Dallas-Fort Worth CMSA</b>			
Less than a high school diploma .....	63.4	57.5	9.2
High school graduates, no college .....	71.1	66.2	6.9
Some college or associate degreee .....	80.4	75.4	6.2
Bachelor's degree and higher .....	83.4	79.6	4.6
<b>Dayton-Springfield MSA</b>			
Less than a high school diploma .....	38.3	31.4	17.9
High school graduates, no college .....	63.8	59.5	6.7
Some college or associate degreee .....	70.5	65.9	6.6
Bachelor's degree and higher .....	78.3	75.4	3.7
<b>Denver-Boulder-Greeley CMSA</b>			
Less than a high school diploma .....	58.6	53.9	8.0
High school graduates, no college .....	69.7	66.0	5.3
Some college or associate degreee .....	75.5	71.3	5.6
Bachelor's degree and higher .....	80.9	77.7	4.0
<b>Detroit PMSA</b>			
Less than a high school diploma .....	35.2	30.3	14.1
High school graduates, no college .....	61.3	56.6	7.7
Some college or associate degreee .....	71.5	67.1	6.3
Bachelor's degree and higher .....	79.5	76.9	3.2
<b>Fort Lauderdale PMSA</b>			
Less than a high school diploma .....	46.5	42.0	9.5
High school graduates, no college .....	61.0	56.6	7.2
Some college or associate degreee .....	75.3	71.7	4.8
Bachelor's degree and higher .....	78.4	76.4	2.6
<b>Hartford PMSA</b>			
Less than a high school diploma .....	34.7	32.7	5.6
High school graduates, no college .....	63.1	60.0	4.8
Some college or associate degreee .....	75.6	72.2	4.5
Bachelor's degree and higher .....	77.6	75.5	2.7
<b>Houston PMSA</b>			
Less than a high school diploma .....	55.3	50.6	8.4
High school graduates, no college .....	69.2	64.1	7.4
Some college or associate degreee .....	72.6	67.6	6.8
Bachelor's degree and higher .....	80.6	77.4	4.1
<b>Indianapolis MSA</b>			
High school graduates, no college .....	64.1	61.2	4.4
Some college or associate degreee .....	77.6	75.7	2.4
Bachelor's degree and higher .....	79.3	78.0	1.7

**Table 28. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates for the civilian noninstitutional population ages 25 and over by educational attainment, 2003 annual averages — Continued**

Area and educational attainment	Civilian labor force participation rate	Employment-population ratio	Unemployment rate
<b>Kansas City MSA</b>			
Less than a high school diploma .....	44.0	40.0	8.9
High school graduates, no college .....	69.8	64.8	7.1
Some college or associate degreee .....	77.9	74.3	4.7
Bachelor's degree and higher .....	81.0	78.3	3.3
<b>Los Angeles-Long Beach PMSA</b>			
Less than a high school diploma .....	55.2	51.2	7.2
High school graduates, no college .....	64.6	60.0	7.0
Some college or associate degreee .....	71.4	67.7	5.1
Bachelor's degree and higher .....	77.2	73.3	5.0
<b>Louisville MSA</b>			
Less than a high school diploma .....	35.8	32.5	9.2
High school graduates, no college .....	65.8	62.2	5.5
Some college or associate degreee .....	74.7	70.3	5.9
Bachelor's degree and higher .....	83.7	81.3	2.8
<b>Memphis MSA</b>			
Less than a high school diploma .....	54.4	50.2	7.6
High school graduates, no college .....	70.5	62.3	11.7
Some college or associate degreee .....	78.4	72.6	7.4
Bachelor's degree and higher .....	79.3	77.2	2.6
<b>Miami PMSA</b>			
Less than a high school diploma .....	39.2	36.9	5.9
High school graduates, no college .....	63.3	60.9	3.8
Some college or associate degreee .....	71.8	68.2	5.0
Bachelor's degree and higher .....	75.6	72.9	3.5
<b>Milwaukee-Waukesha PMSA</b>			
Less than a high school diploma .....	43.7	36.1	17.4
High school graduates, no college .....	67.6	63.3	6.4
Some college or associate degreee .....	77.4	74.3	4.0
Bachelor's degree and higher .....	79.8	77.2	3.2
<b>Minneapolis-St. Paul MSA</b>			
Less than a high school diploma .....	47.6	43.2	9.3
High school graduates, no college .....	71.6	68.5	4.3
Some college or associate degreee .....	82.2	78.7	4.2
Bachelor's degree and higher .....	83.2	80.7	3.0
<b>Nassau-Suffolk PMSA</b>			
Less than a high school diploma .....	51.1	48.1	5.9
High school graduates, no college .....	61.8	59.6	3.5
Some college or associate degreee .....	74.5	72.3	2.9
Bachelor's degree and higher .....	78.7	76.5	2.8
<b>New Orleans MSA</b>			
Less than a high school diploma .....	40.5	36.7	9.4
High school graduates, no college .....	57.9	55.0	5.0
Some college or associate degreee .....	71.6	69.2	3.4
Bachelor's degree and higher .....	72.6	69.7	4.1

**Table 28. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates for the civilian noninstitutional population ages 25 and over by educational attainment, 2003 annual averages — Continued**

Area and educational attainment	Civilian labor force participation rate	Employment-population ratio	Unemployment rate
<b>New York PMSA</b>			
Less than a high school diploma .....	42.5	37.9	10.8
High school graduates, no college .....	57.4	54.0	5.9
Some college or associate degreee .....	68.7	63.0	8.3
Bachelor's degree and higher .....	77.1	73.5	4.6
<b>Newark PMSA</b>			
Less than a high school diploma .....	44.0	39.0	11.3
High school graduates, no college .....	63.8	59.8	6.3
Some college or associate degreee .....	77.4	72.3	6.6
Bachelor's degree and higher .....	81.7	78.0	4.6
<b>Norfolk-Virginia Beach-Newport News MSA</b>			
High school graduates, no college .....	57.3	56.6	1.3
Some college or associate degreee .....	70.2	68.8	2.0
Bachelor's degree and higher .....	71.8	70.9	1.3
<b>Oakland PMSA</b>			
Less than a high school diploma .....	44.1	42.1	4.5
High school graduates, no college .....	64.9	60.8	6.3
Some college or associate degreee .....	69.6	63.9	8.1
Bachelor's degree and higher .....	78.0	74.7	4.3
<b>Oklahoma City MSA</b>			
Less than a high school diploma .....	44.8	40.9	8.7
High school graduates, no college .....	61.3	58.0	5.5
Some college or associate degreee .....	68.0	65.4	3.8
Bachelor's degree and higher .....	80.4	77.8	3.3
<b>Orange County PMSA</b>			
Less than a high school diploma .....	60.4	59.0	2.3
High school graduates, no college .....	61.1	58.6	4.1
Some college or associate degreee .....	65.8	63.7	3.2
Bachelor's degree and higher .....	79.7	77.4	2.9
<b>Philadelphia PMSA</b>			
Less than a high school diploma .....	35.2	31.6	10.3
High school graduates, no college .....	61.3	57.9	5.6
Some college or associate degreee .....	74.0	70.0	5.4
Bachelor's degree and higher .....	80.2	77.7	3.1
<b>Phoenix-Mesa MSA</b>			
Less than a high school diploma .....	56.1	51.7	7.8
High school graduates, no college .....	63.8	61.3	3.9
Some college or associate degreee .....	67.4	65.1	3.5
Bachelor's degree and higher .....	76.1	73.8	3.1
<b>Pittsburgh MSA</b>			
High school graduates, no college .....	54.0	50.4	6.6
Some college or associate degreee .....	69.2	66.3	4.3
Bachelor's degree and higher .....	78.2	76.1	2.7

**Table 28. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates for the civilian noninstitutional population ages 25 and over by educational attainment, 2003 annual averages — Continued**

Area and educational attainment	Civilian labor force participation rate	Employment-population ratio	Unemployment rate
<b>Portland-Vancouver PMSA</b>			
Less than a high school diploma .....	58.3	50.0	14.2
High school graduates, no college .....	68.2	63.6	6.7
Some college or associate degreee .....	74.8	68.4	8.5
Bachelor's degree and higher .....	78.5	74.1	5.5
<b>Providence-Fall River-Warwick MSA</b>			
Less than a high school diploma .....	42.7	37.8	11.3
High school graduates, no college .....	65.3	61.6	5.6
Some college or associate degreee .....	76.7	73.7	3.9
Bachelor's degree and higher .....	83.1	80.5	3.2
<b>Riverside-San Bernardino PMSA</b>			
Less than a high school diploma .....	51.9	48.6	6.3
High school graduates, no college .....	63.9	60.5	5.3
Some college or associate degreee .....	68.8	65.5	4.9
Bachelor's degree and higher .....	74.6	72.9	2.3
<b>Rochester MSA</b>			
Less than a high school diploma .....	38.8	30.9	20.4
High school graduates, no college .....	60.3	54.6	9.4
Some college or associate degreee .....	64.1	61.5	4.0
Bachelor's degree and higher .....	67.4	65.4	2.9
<b>Sacramento-Yolo CMSA</b>			
High school graduates, no college .....	65.7	59.4	9.5
Some college or associate degreee .....	70.3	67.6	3.8
Bachelor's degree and higher .....	79.2	77.5	2.2
<b>St. Louis MSA <sup>1</sup></b>			
Less than a high school diploma .....	32.9	27.8	15.6
High school graduates, no college .....	67.2	63.9	4.9
Some college or associate degreee .....	76.7	72.9	4.9
Bachelor's degree and higher .....	77.9	76.2	2.2
<b>Salt Lake City-Ogden MSA</b>			
Less than a high school diploma .....	61.7	56.6	8.3
High school graduates, no college .....	67.1	64.1	4.4
Some college or associate degreee .....	73.5	70.0	4.9
Bachelor's degree and higher .....	80.3	78.0	2.8
<b>San Antonio MSA</b>			
Less than a high school diploma .....	52.9	48.4	8.5
High school graduates, no college .....	69.7	66.6	4.5
Some college or associate degreee .....	74.1	70.5	4.9
Bachelor's degree and higher .....	75.5	73.4	2.8
<b>San Diego MSA</b>			
Less than a high school diploma .....	43.2	42.4	1.9
High school graduates, no college .....	62.1	58.9	5.2
Some college or associate degreee .....	66.8	63.7	4.8
Bachelor's degree and higher .....	72.9	70.8	2.8

See footnotes at end of table.

**Table 28. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates for the civilian noninstitutional population ages 25 and over by educational attainment, 2003 annual averages — Continued**

Area and educational attainment	Civilian labor force participation rate	Employment-population ratio	Unemployment rate
<b>San Francisco PMSA</b>			
Less than a high school diploma .....	63.3	57.5	9.2
High school graduates, no college .....	59.6	56.0	6.0
Some college or associate degreee .....	69.9	64.4	7.9
Bachelor's degree and higher .....	78.5	73.9	5.9
<b>San Jose PMSA</b>			
Less than a high school diploma .....	51.6	44.1	14.5
High school graduates, no college .....	71.9	63.5	11.7
Some college or associate degreee .....	75.2	66.3	11.9
Bachelor's degree and higher .....	81.4	76.3	6.2
<b>Seattle-Bellevue-Everett PMSA</b>			
Less than a high school diploma .....	56.4	50.3	10.7
High school graduates, no college .....	64.6	61.1	5.4
Some college or associate degreee .....	70.9	66.5	6.1
Bachelor's degree and higher .....	76.0	72.9	4.1
<b>Tampa-St. Petersburg-Clearwater MSA</b>			
Less than a high school diploma .....	38.2	35.3	7.7
High school graduates, no college .....	56.1	53.5	4.7
Some college or associate degreee .....	72.1	68.5	5.1
Bachelor's degree and higher .....	75.2	73.8	1.8
<b>Washington D.C. PMSA</b>			
Less than a high school diploma .....	57.9	55.2	4.6
High school graduates, no college .....	68.5	66.2	3.3
Some college or associate degreee .....	76.8	73.4	4.4
Bachelor's degree and higher .....	83.3	81.1	2.7
<b>Baltimore central city</b>			
Less than a high school diploma .....	25.7	21.7	15.5
High school graduates, no college .....	57.5	52.3	9.1
Some college or associate degreee .....	72.0	66.4	7.7
Bachelor's degree and higher .....	77.3	75.9	1.8
<b>Chicago central city</b>			
Less than a high school diploma .....	44.8	40.0	10.6
High school graduates, no college .....	57.2	52.0	9.1
Some college or associate degreee .....	73.3	67.2	8.2
Bachelor's degree and higher .....	79.9	76.2	4.6
<b>Cleveland central city</b>			
Less than a high school diploma .....	37.0	32.4	12.3
High school graduates, no college .....	64.0	57.8	9.6
Some college or associate degreee .....	76.7	71.3	7.0
Bachelor's degree and higher .....	82.3	78.5	4.6
<b>Dallas central city</b>			
Less than a high school diploma .....	63.8	57.1	10.5
High school graduates, no college .....	65.7	57.5	12.5
Some college or associate degreee .....	76.4	70.2	8.2
Bachelor's degree and higher .....	81.9	79.0	3.5

See footnotes at end of table.

**Table 28. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates for the civilian noninstitutional population ages 25 and over by educational attainment, 2003 annual averages — Continued**

Area and educational attainment	Civilian labor force participation rate	Employment-population ratio	Unemployment rate
<b>Detroit central city</b>			
Less than a high school diploma .....	27.0	21.0	22.1
High school graduates, no college .....	58.4	52.1	10.9
Some college or associate degreee .....	67.2	58.4	13.1
Bachelor's degree and higher .....	77.5	74.6	3.8
<b>District of Columbia</b>			
Less than a high school diploma .....	42.8	36.3	15.3
High school graduates, no college .....	60.6	55.4	8.5
Some college or associate degreee .....	68.6	62.8	8.4
Bachelor's degree and higher .....	80.4	77.7	3.4
<b>Houston central city</b>			
Less than a high school diploma .....	52.6	47.6	9.5
High school graduates, no college .....	70.2	64.3	8.5
Some college or associate degreee .....	70.8	65.3	7.8
Bachelor's degree and higher .....	81.1	77.0	5.1
<b>Indianapolis central city</b>			
High school graduates, no college .....	62.8	58.8	6.2
Some college or associate degreee .....	77.3	74.9	3.1
Bachelor's degree and higher .....	77.8	76.0	2.4
<b>Los Angeles central city</b>			
Less than a high school diploma .....	60.6	56.0	7.6
High school graduates, no college .....	65.2	59.3	9.0
Some college or associate degreee .....	69.6	64.3	7.6
Bachelor's degree and higher .....	77.3	72.7	6.0
<b>Milwaukee central city</b>			
Less than a high school diploma .....	47.5	38.9	18.2
High school graduates, no college .....	60.2	52.6	12.7
Some college or associate degreee .....	71.5	65.1	8.9
Bachelor's degree and higher .....	75.3	68.4	9.2
<b>New York central city</b>			
Less than a high school diploma .....	41.4	36.7	11.3
High school graduates, no college .....	57.0	53.4	6.4
Some college or associate degreee .....	68.0	61.6	9.4
Bachelor's degree and higher .....	76.5	72.6	5.2
<b>Philadelphia central city</b>			
Less than a high school diploma .....	28.8	24.4	15.2
High school graduates, no college .....	51.5	47.4	7.9
Some college or associate degreee .....	67.4	62.0	7.9
Bachelor's degree and higher .....	78.6	76.3	3.0
<b>Phoenix central city</b>			
Less than a high school diploma .....	62.6	58.0	7.4
High school graduates, no college .....	65.3	63.1	3.3
Some college or associate degreee .....	69.3	66.5	4.0
Bachelor's degree and higher .....	78.1	75.1	3.9

See footnotes at end of table.

**Table 28. Selected metropolitan areas and cities: Civilian labor force participation rates, employment-population ratios, and unemployment rates for the civilian noninstitutional population ages 25 and over by educational attainment, 2003 annual averages — Continued**

Area and educational attainment	Civilian labor force participation rate	Employment-population ratio	Unemployment rate
<b>St. Louis central city</b>			
High school graduates, no college .....	65.2	59.9	8.2
Some college or associate degreee .....	76.4	72.8	4.7
Bachelor's degree and higher .....	79.4	76.8	3.3
<b>San Antonio central city</b>			
Less than a high school diploma .....	55.1	50.4	8.6
High school graduates, no college .....	70.8	67.0	5.3
Some college or associate degreee .....	72.4	68.2	5.7
Bachelor's degree and higher .....	80.0	78.1	2.4
<b>San Diego central city</b>			
High school graduates, no college .....	65.9	60.8	7.9
Some college or associate degreee .....	68.6	64.0	6.7
Bachelor's degree and higher .....	76.2	74.2	2.6
<b>San Francisco central city</b>			
Less than a high school diploma .....	57.3	49.0	14.5
High school graduates, no college .....	61.1	57.7	5.6
Some college or associate degreee .....	66.1	58.0	12.2
Bachelor's degree and higher .....	81.4	75.2	7.6

<sup>1</sup> Data do not reflect the official U.S. Office of Management and Budget definition. See appendix C.  
NOTE: Data for demographic groups are not shown when

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