

**Table 60. Tuberculosis Cases and Case Rates per 100,000 Population: Metropolitan Statistical Areas with  $\geq$ 500,000 Population, 2016 and 2015**

Metropolitan statistical area	Cases		Case rates		Population estimates 2016
	2016	2015	2016	2015	
Akron, OH	16	12	2.3	1.7	702,221
Albany-Schenectady-Troy, NY	7	6	0.8	0.7	881,839
Albuquerque, NM	14	14	1.5	1.5	909,906
Allentown-Bethlehem-Easton, PA-NJ	5	6	0.6	0.7	835,652
Atlanta-Sandy Springs-Roswell, GA	202	215	3.5	3.8	5,789,700
Augusta-Richmond County, GA-SC	13	15	2.2	2.5	594,919
Austin-Round Rock, TX	65	77	3.2	3.9	2,056,405
Bakersfield, CA	20	29	2.3	3.3	884,788
Baltimore-Columbia-Towson, MD	73	64	2.6	2.3	2,798,886
Baton Rouge, LA	13	23	1.6	2.8	835,175
Birmingham-Hoover, AL	18	30	1.6	2.6	1,147,417
Boise City, ID	10	8	1.4	1.2	691,423
Boston-Cambridge-Newton, MA-NH	148	149	3.1	3.1	4,794,447
Bridgeport-Stamford-Norwalk, CT	21	24	2.2	2.5	944,177
Buffalo-Cheektowaga-Niagara Falls, NY	15	17	1.3	1.5	1,132,804
Cape Coral-Fort Myers, FL	19	17	2.6	2.4	722,336
Charleston-North Charleston, SC	12	19	1.6	2.6	761,155
Charlotte-Concord-Gastonia, NC-SC	50	41	2.0	1.7	2,474,314
Chattanooga, TN-GA	11	10	2.0	1.8	551,632
Chicago-Naperville-Elgin, IL-IN-WI	312	304	3.3	3.2	9,512,999
Cincinnati, OH-KY-IN	28	21	1.3	1.0	2,165,139
Cleveland-Elyria, OH	23	39	1.1	1.9	2,055,612
Colorado Springs, CO	---	---	---	---	712,327
Columbia, SC	21	10	2.6	1.2	817,488
Columbus, OH	50	41	2.4	2.0	2,041,520
Dallas-Fort Worth-Arlington, TX	319	311	4.4	4.4	7,233,323
Dayton, OH	7	9	0.9	1.1	800,683
Deltona-Daytona Beach-Ormond Beach, FL	11	6	1.7	1.0	637,674
Denver-Aurora-Lakewood, CO	48	50	1.7	1.8	2,853,077
Des Moines-West Des Moines, IA	17	8	2.7	1.3	634,725
Detroit-Warren-Dearborn, MI	82	75	1.9	1.7	4,297,617
Durham-Chapel Hill, NC	13	9	2.3	1.6	559,535
El Paso, TX	43	38	5.1	4.5	841,971
Fayetteville-Springdale-Rogers, AR-MO	27	30	5.1	5.8	525,032
Fresno, CA	60	42	6.1	4.3	979,915
Grand Rapids-Wyoming, MI	16	20	1.5	1.9	1,047,099
Greensboro-High Point, NC	20	27	2.6	3.6	756,139
Greenville-Anderson-Mauldin, SC	10	11	1.1	1.3	884,975
Harrisburg-Carlisle, PA	6	11	1.1	1.9	568,033
Hartford-West Hartford-East Hartford, CT	16	25	1.3	2.1	1,206,836
Houston-The Woodlands-Sugar Land, TX	350	383	5.2	5.8	6,772,470
Indianapolis-Carmel-Anderson, IN	52	63	2.6	3.2	2,004,230
Jackson, MS	18	25	3.1	4.3	579,229
Jacksonville, FL	55	58	3.7	4.0	1,478,212
Kansas City, MO-KS	34	30	1.6	1.4	2,104,509
Knoxville, TN	7	8	0.8	0.9	868,546
Lakeland-Winter Haven, FL	12	26	1.8	4.0	666,149
Lancaster, PA	6	7	1.1	1.3	538,500
Las Vegas-Henderson-Paradise, NV	47	70	2.2	3.3	2,155,664
Lexington-Fayette, KY	11	17	2.2	3.4	506,751
Little Rock-North Little Rock-Conway, AR	23	21	3.1	2.9	734,622
Los Angeles-Long Beach-Anaheim, CA	756	804	5.7	6.1	13,310,447
Louisville-Jefferson County, KY-IN	39	31	3.0	2.4	1,283,430
Madison, WI	8	8	1.2	1.2	648,929
McAllen-Edinburg-Mission, TX	84	72	9.9	8.6	849,843
Memphis, TN-MS-AR	39	56	2.9	4.2	1,342,842
Miami-Fort Lauderdale-West Palm Beach, FL	234	250	3.9	4.2	6,066,387

**Table 60. (Cont'd) Tuberculosis Cases and Case Rates per 100,000 Population: Metropolitan Statistical Areas with  $\geq 500,000$  Population, 2016 and 2015**

Metropolitan statistical area	Cases		Case rates		Population estimates 2016
	2016	2015	2016	2015	
Milwaukee-Waukesha-West Allis, WI	17	31	1.1	2.0	1,572,482
Minneapolis-St. Paul-Bloomington, MN-WI	132	114	3.7	3.2	3,551,036
Modesto, CA	9	18	1.7	3.4	541,560
Nashville-Davidson-Murfreesboro-Franklin, TN	35	46	1.9	2.5	1,865,298
New Haven-Milford, CT	10	18	1.2	2.1	856,875
New Orleans-Metairie, LA	51	35	4.0	2.8	1,268,883
New York-Newark-Jersey City, NY-NJ-PA	917	941	4.6	4.7	20,153,634
Northport-Sarasota-Bradenton, FL	25	16	3.2	2.1	788,457
Ogden-Clearfield, UT	---	---	---	---	654,417
Oklahoma City, OK	26	24	1.9	1.8	1,373,211
Omaha-Council Bluffs, NE-IA	14	18	1.5	2.0	924,129
Orlando-Kissimmee-Sanford, FL	80	68	3.3	2.9	2,441,257
Oxnard-Thousand Oaks-Ventura, CA	32	24	3.8	2.8	849,738
Palm Bay-Melbourne-Titusville, FL	18	12	3.1	2.1	579,130
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	144	163	2.4	2.7	6,070,500
Phoenix-Mesa-Scottsdale, AZ	131	127	2.8	2.8	4,661,537
Pittsburgh, PA	15	15	0.6	0.6	2,342,299
Portland-South Portland, ME	10	9	1.9	1.7	529,657
Portland-Vancouver-Hillsboro, OR-WA	55	57	2.3	2.4	2,424,955
Providence-Warwick, RI-MA	24	36	1.5	2.2	1,614,750
Provo-Orem, UT	---	---	---	---	603,309
Raleigh, NC	40	30	3.1	2.4	1,302,946
Richmond, VA	22	14	1.7	1.1	1,281,708
Riverside-San Bernardino-Ontario, CA	116	121	2.6	2.7	4,527,837
Rochester, NY	26	19	2.4	1.8	1,078,879
Sacramento-Roseville-Arden-Arcade, CA	85	90	3.7	4.0	2,296,418
St. Louis, MO-IL	40	40	1.4	1.4	2,807,002
Salt Lake City, UT	14	31	1.2	2.7	1,186,187
San Antonio-New Braunfels, TX	71	89	2.9	3.7	2,429,609
San Diego-Carlsbad, CA	258	234	7.8	7.1	3,317,749
San Francisco-Oakland-Hayward, CA	337	353	7.2	7.6	4,679,166
San Jose-Sunnyvale-Santa Clara, CA	161	198	8.1	10.1	1,978,816
Santa Rosa, CA	12	9	2.4	1.8	503,070
Scranton-Wilkes-Barre-Hazleton, PA	---	---	---	---	555,225
Seattle-Tacoma-Bellevue, WA	159	144	4.2	3.9	3,798,902
Spokane-Spokane Valley, WA	---	---	---	---	556,634
Springfield, MA	10	8	1.6	1.3	630,283
Stockton-Lodi, CA	42	58	5.7	8.0	733,709
Syracuse, NY	18	10	2.7	1.5	656,510
Tampa-St. Petersburg-Clearwater, FL	80	63	2.6	2.1	3,032,171
Toledo, OH	6	9	1.0	1.5	605,221
Tucson, AZ	25	36	2.5	3.6	1,016,206
Tulsa, OK	17	17	1.7	1.7	987,201
Urban Honolulu, HI	88	98	8.9	9.9	992,605
Virginia Beach-Norfolk-Newport News, VA-NC	28	34	1.6	2.0	1,726,907
Washington-Arlington-Alexandria, DC-VA-MD-WV	291	271	4.7	4.5	6,131,977
Wichita, KS	11	14	1.7	2.2	644,672
Winston-Salem, NC	9	10	1.4	1.5	662,079
Worcester, MA-CT	19	28	2.0	3.0	935,781
Youngstown-Warren-Boardman, OH-PA	---	---	---	---	544,746
<b>Total - 107 areas</b>	<b>7,382</b>	<b>7,610</b>	<b>3.4</b>	<b>3.5</b>	<b>219,819,005</b>
San Juan-Caguas-Guaynabo, PR	53	35	2.5	1.6	2,157,729

**Note:** 2016 and 2015 population case counts and rates updated using County Totals Dataset: Population, Population Change and Estimated Components of Population Change: April 1, 2010 to July 1, 2016 (<https://www.census.gov/data/datasets/2016/demo/popest/counties-total.html>); accessed July 19, 2017.

Dashes (---) indicate that the data is suppressed for geographic areas below the state level that reported <5 cases in 2016.

See Technical Notes for definition of metropolitan statistical area.