Fine Particle Concentrations for Counties with Monitors Based on Air Quality Data from 2019 – 2021

This information is provided for illustrative purposes only and is not intended to project or predict the outcome of any forthcoming designations process. Future area designations (attainment/nonattainment) will not be based on these data, but likely on monitoring data collected between 2021 and 2024.

Does not meet a proposed annual primary fine particle ($PM_{2.5}$) standard of 9.0 µg/m^3

Does not meet a proposed annual primary fine particle ($PM_{2.5}$) standard of 10.0 µg/m^3

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Alabama	Baldwin	7.6	
Alabama	Clay	7.0	
Alabama	DeKalb	7.5	
Alabama	Etowah	8.2	
Alabama	Jefferson	11.0	No
Alabama	Madison	7.3	
Alabama	Mobile	8.0	
Alabama	Montgomery	8.2	
Alabama	Morgan	7.3	
Alabama	Russell	9.3	No
Alabama	Tuscaloosa	7.7	
Alaska	Anchorage	6.7	
Alaska	Fairbanks North Star	13.2	Yes
Alaska	Juneau	5.4	
Alaska	Matanuska-Susitna	5.2	
Arizona	La Paz	3.8	
Arizona	Maricopa	9.8	No
Arizona	Pima	5.0	
Arizona	Pinal	13.0	Yes
Arizona	Santa Cruz	10.0	No
Arizona	Yuma	8.8	
Arkansas	Arkansas	7.6	
Arkansas	Crittenden	8.0	
Arkansas	Polk	8.1	
Arkansas	Pulaski	9.0	
Arkansas	Washington	7.7	
California	Alameda	8.8	
California	Butte	11.4	No
California	Calaveras	8.9	
California	Colusa	10.4	No

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
California	Contra Costa	9.3	Yes
California	Fresno	15.3	Yes
California	Humboldt	7.4	
California	Imperial	11.0	Yes
California	Inyo	8.4	
California	Kern	17.8	Yes
California	Kings	15.9	Yes
California	Lake	6.3	
California	Los Angeles	13.0	Yes
California	Madera	13.0	Yes
California	Marin	7.3	
California	Mendocino	9.2	No
California	Merced	11.9	Yes
California	Monterey	7.0	
California	Nevada	9.7	No
California	Orange	11.1	Yes
California	Placer	10.4	Yes
California	Plumas	16.5	Yes
California	Riverside	13.9	Yes
California	Sacramento	11.1	Yes
California	San Benito	6.5	
California	San Bernardino	14.2	Yes
California	San Diego	9.6	No
California	San Francisco	8.5	
California	San Joaquin	11.8	Yes
California	San Luis Obispo	7.7	
California	San Mateo	7.6	
California	Santa Barbara	7.6	
California	Santa Clara	10.3	Yes
California	Santa Cruz	7.1	
California	Shasta	9.5	No
California	Siskiyou	10.5	No
California	Solano	9.7	Yes
California	Stanislaus	13.0	Yes
California	Sutter	13.1	No
California	Tehama	9.8	No
California	Tulare	17.8	Yes
California	Ventura	7.9	

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Colorado	Arapahoe	6.4	
Colorado	Boulder	9.0	
Colorado	Denver	10.2	No
Colorado	Douglas	7.0	
Colorado	El Paso	5.6	
Colorado	Larimer	7.5	
Colorado	Mesa	5.8	
Colorado	Rio Blanco	8.6	
Colorado	Weld	9.5	No
Connecticut	Fairfield	8.1	
Connecticut	Hartford	7.5	
Connecticut	Litchfield	5.1	
Connecticut	New Haven	8.2	
Connecticut	New London	6.9	
District Of Columbia	District of Columbia	8.8	
Florida	Alachua	7.2	
Florida	Brevard	7.5	
Florida	Broward	9.2	No
Florida	Duval	8.6	
Florida	Escambia	9.2	No
Florida	Lee	7.4	
Florida	Leon	7.4	
Florida	Miami-Dade	7.1	
Florida	Palm Beach	6.8	
Florida	Pinellas	7.8	
Florida	Polk	8.2	
Florida	Sarasota	7.6	
Florida	Seminole	7.3	
Florida	Volusia	8.1	
Georgia	Bibb	9.0	
Georgia	Chatham	9.3	No
Georgia	Clarke	9.4	No
Georgia	Clayton	8.6	
Georgia	Cobb	8.6	
Georgia	Coffee	6.9	
Georgia	DeKalb	8.8	
Georgia	Dougherty	9.5	No

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Georgia	Fulton	9.6	No
Georgia	Glynn	7.7	
Georgia	Hall	9.0	
Georgia	Houston	9.4	No
Georgia	Lowndes	8.0	
Georgia	Muscogee	8.6	
Georgia	Richmond	11.1	No
Georgia	Washington	9.2	No
Hawaii	Hawaii	2.7	
Hawaii	Honolulu	3.7	
Hawaii	Kauai	3.1	
Hawaii	Maui	3.7	
Idaho	Ada	7.3	
Idaho	Benewah	10.2	No
Idaho	Franklin	6.5	
Idaho	Lemhi	9.8	No
Idaho	Shoshone	10.6	No
Illinois	Champaign	7.8	
Illinois	Cook	10.4	No
Illinois	Hamilton	8.8	
Illinois	Jersey	8.0	
Illinois	Kane	8.9	
Illinois	Macon	9.4	No
Illinois	Madison	10.2	No
Illinois	McHenry	8.4	
Illinois	McLean	9.0	
Illinois	Peoria	8.7	
Illinois	Rock Island	8.7	
Illinois	Saint Clair	9.7	No
Illinois	Sangamon	8.2	
Illinois	Will	9.9	No
Indiana	Bartholomew	7.1	
Indiana	Clark	7.5	
Indiana	Delaware	8.4	
Indiana	Dubois	8.8	
Indiana	Elkhart	8.3	
Indiana	Greene	7.9	
Indiana	Hamilton	9.8	No

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Indiana	Henry	7.7	
Indiana	Howard	7.3	
Indiana	Lake	9.7	No
Indiana	LaPorte	8.1	
Indiana	Madison	8.8	
Indiana	Marion	12.0	No
Indiana	Monroe	7.9	
Indiana	Porter	8.2	
Indiana	Spencer	8.2	
Indiana	St. Joseph	9.2	No
Indiana	Tippecanoe	8.9	
Indiana	Vanderburgh	9.1	No
Indiana	Vigo	9.1	No
Indiana	Whitley	8.0	
Iowa	Black Hawk	8.1	
Iowa	Clinton	8.9	
Iowa	Johnson	7.9	
Iowa	Lee	8.3	
Iowa	Linn	8.3	
Iowa	Montgomery	6.9	
Iowa	Muscatine	8.3	
Iowa	Palo Alto	7.1	
Iowa	Polk	7.6	
Iowa	Pottawattamie	8.3	
Iowa	Scott	8.7	
Iowa	Van Buren	7.3	
Iowa	Woodbury	8.1	
Kansas	Neosho	9.3	No
Kansas	Sumner	9.2	No
Kentucky	Bell	8.5	
Kentucky	Boyd	7.9	
Kentucky	Campbell	7.8	
Kentucky	Carter	5.9	
Kentucky	Christian	8.9	
Kentucky	Fayette	8.1	
Kentucky	Hardin	7.7	
Kentucky	Jefferson	10.5	No
Kentucky	McCracken	9.2	No

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Kentucky	Perry	7.2	
Kentucky	Pike	6.9	
Kentucky	Pulaski	7.8	
Kentucky	Warren	8.3	
Louisiana	Caddo	9.9	No
Louisiana	Calcasieu	7.1	
Louisiana	East Baton Rouge	8.6	
Louisiana	Iberville	7.9	
Louisiana	Jefferson	7.6	
Louisiana	Lafayette	7.9	
Louisiana	Orleans	7.7	
Louisiana	Ouachita	7.3	
Louisiana	Rapides	7.4	
Louisiana	St. Bernard	7.7	
Louisiana	Tangipahoa	7.5	
Louisiana	Terrebonne	7.2	
Louisiana	West Baton Rouge	8.8	
Maine	Androscoggin	5.5	
Maine	Aroostook	4.4	
Maine	Cumberland	7.1	
Maine	Hancock	3.2	
Maine	Oxford	5.1	
Maine	Penobscot	4.4	
Maryland	Baltimore	7.9	
Maryland	Baltimore (City)	7.5	
Maryland	Cecil	6.7	
Maryland	Dorchester	5.6	
Maryland	Garrett	5.3	
Maryland	Harford	6.9	
Maryland	Howard	7.1	
Maryland	Kent	5.4	
Maryland	Montgomery	6.4	
Maryland	Prince George's	6.4	
Maryland	Washington	7.2	
Massachusetts	Berkshire	7.6	
Massachusetts	Bristol	6.6	
Massachusetts	Essex	6.0	
Massachusetts	Franklin	7.6	

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Massachusetts	Hampden	8.5	
Massachusetts	Hampshire	6.0	
Massachusetts	Middlesex	6.8	
Massachusetts	Plymouth	7.5	
Massachusetts	Suffolk	7.9	
Massachusetts	Worcester	8.4	
Michigan	Allegan	6.7	
Michigan	Bay	5.9	
Michigan	Genesee	6.8	
Michigan	Ingham	8.0	
Michigan	Kalamazoo	8.5	
Michigan	Kent	8.7	
Michigan	Lenawee	8.4	
Michigan	Macomb	7.7	
Michigan	Missaukee	7.6	
Michigan	Oakland	7.8	
Michigan	Ottawa	8.6	
Michigan	St. Clair	7.9	
Michigan	Washtenaw	8.5	
Michigan	Wayne	11.5	No
Minnesota	Anoka	6.8	
Minnesota	Becker	7.1	
Minnesota	Beltrami	6.6	
Minnesota	Carlton	2.8	
Minnesota	Cass	7.3	
Minnesota	Cook	3.3	
Minnesota	Crow Wing	5.1	
Minnesota	Dakota	7.6	
Minnesota	Hennepin	8.0	
Minnesota	Lake	4.8	
Minnesota	Lyon	6.2	
Minnesota	Olmsted	6.3	
Minnesota	Ramsey	7.6	
Minnesota	Saint Louis	5.4	
Minnesota	Scott	6.4	
Minnesota	Stearns	6.8	
Minnesota	Wright	6.8	
Mississippi	Bolivar	8.6	

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Mississippi	DeSoto	8.4	
Mississippi	Forrest	9.4	No
Mississippi	Hancock	8.3	
Mississippi	Harrison	9.2	No
Mississippi	Hinds	10.1	No
Mississippi	Jackson	8.4	
Missouri	Buchanan	8.2	
Missouri	Cass	6.5	
Missouri	Cedar	7.2	
Missouri	Clay	6.2	
Missouri	Jackson	7.9	
Missouri	Jefferson	7.4	
Missouri	Saint Louis	7.9	
Missouri	St. Louis City	9.2	No
Montana	Fergus	5.0	
Montana	Flathead	7.1	
Montana	Gallatin	3.0	
Montana	Lewis and Clark	8.5	
Montana	Lincoln	13.3	No
Montana	Missoula	9.3	No
Montana	Phillips	5.5	
Montana	Powder River	7.5	
Montana	Ravalli	6.5	
Montana	Richland	5.0	
Montana	Silver Bow	7.0	
Nebraska	Douglas	7.6	
Nebraska	Lancaster	6.6	
Nebraska	Sarpy	8.1	
Nebraska	Washington	6.9	
Nevada	Carson City	8.3	
Nevada	Clark	10.0	No
Nevada	Douglas	8.8	
Nevada	Washoe	9.7	No
New Hampshire	Belknap	4.2	
New Hampshire	Cheshire	6.2	
New Hampshire	Grafton	5.1	
New Hampshire	Hillsborough	3.5	
New Hampshire	Rockingham	5.7	

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
New Jersey	Atlantic	6.5	
New Jersey	Camden	9.4	No
New Jersey	Essex	8.6	
New Jersey	Hunterdon	7.6	
New Jersey	Mercer	7.8	
New Jersey	Middlesex	7.9	
New Jersey	Ocean	6.7	
New Jersey	Union	9.0	
New Jersey	Warren	7.5	
New Mexico	Bernalillo	9.1	No
New Mexico	Dona Ana	8.4	
New Mexico	Lea	6.5	
New Mexico	Santa Fe	4.3	
New Mexico	Taos	5.6	
New York	Albany	7.4	
New York	Bronx	8.3	
New York	Chautauqua	6.0	
New York	Erie	7.2	
New York	Essex	3.2	
New York	Monroe	6.6	
New York	Onondaga	6.2	
New York	Queens	7.0	
New York	Steuben	5.8	
North Carolina	Buncombe	5.9	
North Carolina	Catawba	8.3	
North Carolina	Cumberland	7.6	
North Carolina	Davidson	8.7	
North Carolina	Durham	7.6	
North Carolina	Forsyth	8.8	
North Carolina	Guilford	7.0	
North Carolina	Johnston	7.6	
North Carolina	Mecklenburg	9.1	No
North Carolina	Mitchell	5.7	
North Carolina	Montgomery	7.8	
North Carolina	New Hanover	4.1	
North Carolina	Pitt	6.3	
North Carolina	Swain	6.5	
North Carolina	Wake	8.1	

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
North Dakota	Billings	4.2	
North Dakota	Burke	5.4	
North Dakota	Burleigh	6.5	
North Dakota	Cass	7.9	
North Dakota	Dunn	5.3	
North Dakota	McKenzie	4.8	
North Dakota	Mercer	5.7	
North Dakota	Oliver	6.2	
North Dakota	Ward	5.9	
Ohio	Allen	6.6	
Ohio	Athens	6.2	
Ohio	Clark	9.0	
Ohio	Cuyahoga	9.5	No
Ohio	Franklin	9.1	No
Ohio	Hamilton	11.0	No
Ohio	Lake	6.5	
Ohio	Lawrence	7.7	
Ohio	Medina	7.1	
Ohio	Montgomery	9.6	No
Ohio	Preble	8.2	
Ohio	Stark	9.5	No
Ohio	Summit	8.7	
Ohio	Trumbull	7.4	
Oklahoma	Carter	8.7	
Oklahoma	Cleveland	10.3	No
Oklahoma	Comanche	8.1	
Oklahoma	Dewey	7.7	
Oklahoma	Kay	9.7	No
Oklahoma	Oklahoma	10.1	No
Oklahoma	Pittsburg	8.7	
Oklahoma	Sequoyah	7.9	
Oklahoma	Tulsa	9.1	No
Oregon	Crook	10.4	No
Oregon	Harney	11.1	No
Oregon	Jackson	13.0	No
Oregon	Josephine	11.3	No
Oregon	Klamath	16.2	Yes
Oregon	Lane	11.1	No

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Oregon	Multnomah	7.9	
Oregon	Washington	7.8	
Pennsylvania	Allegheny	11.2	Yes
Pennsylvania	Armstrong	8.3	
Pennsylvania	Beaver	8.9	
Pennsylvania	Berks	8.3	
Pennsylvania	Blair	8.6	
Pennsylvania	Bradford	7.3	
Pennsylvania	Cambria	9.2	No
Pennsylvania	Centre	8.4	
Pennsylvania	Chester	8.9	
Pennsylvania	Cumberland	8.0	
Pennsylvania	Dauphin	9.5	No
Pennsylvania	Delaware	8.6	
Pennsylvania	Fayette	7.8	
Pennsylvania	Greene	7.0	
Pennsylvania	Lancaster	9.5	No
Pennsylvania	Lehigh	8.8	
Pennsylvania	Montgomery	8.1	
Pennsylvania	Northampton	7.9	
Pennsylvania	Philadelphia	8.9	
Pennsylvania	Susquehanna	6.7	
Pennsylvania	Tioga	6.2	
Pennsylvania	Washington	8.6	
Pennsylvania	Westmoreland	7.8	
Pennsylvania	York	9.6	No
Rhode Island	Kent	4.6	
Rhode Island	Providence	8.2	
Rhode Island	Washington	4.5	
South Carolina	Charleston	7.1	
South Carolina	Chesterfield	7.0	
South Carolina	Edgefield	7.5	
South Carolina	Florence	7.3	
South Carolina	Greenville	8.3	
South Carolina	Lexington	7.8	
South Carolina	Richland	7.2	
South Carolina	Spartanburg	8.1	
South Carolina	York	7.2	

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
South Dakota	Brookings	5.1	
South Dakota	Codington	7.4	
South Dakota	Custer	3.6	
South Dakota	Hughes	3.7	
South Dakota	Jackson	4.6	
South Dakota	Pennington	7.0	
Tennessee	Blount	6.9	
Tennessee	Davidson	9.1	No
Tennessee	Dyer	7.0	
Tennessee	Hamilton	8.7	
Tennessee	Knox	9.1	No
Tennessee	Lawrence	6.3	
Tennessee	Loudon	6.9	
Tennessee	Maury	6.5	
Tennessee	McMinn	7.3	
Tennessee	Putnam	6.6	
Tennessee	Roane	7.1	
Tennessee	Shelby	8.6	
Tennessee	Sullivan	6.6	
Tennessee	Sumner	7.3	
Texas	Bexar	8.7	
Texas	Bowie	9.6	No
Texas	Brewster	5.4	
Texas	Cameron	9.7	No
Texas	Dallas	9.1	No
Texas	Ector	7.4	
Texas	El Paso	8.9	
Texas	Galveston	7.7	
Texas	Harris	11.1	No
Texas	Hidalgo	10.6	No
Texas	Jefferson	8.3	
Texas	Lubbock	6.0	
Texas	Maverick	7.8	
Texas	Nueces	8.6	
Texas	Orange	8.2	
Texas	Potter	5.6	
Texas	Tarrant	9.2	No
Texas	Travis	9.5	No

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Texas	Webb	10.4	No
Utah	Cache	7.6	
Utah	Davis	7.0	
Utah	Duchesne	7.0	
Utah	Iron	5.4	
Utah	Salt Lake	9.9	Yes
Utah	Tooele	6.8	
Utah	Uintah	6.3	
Utah	Utah	7.2	
Utah	Washington	5.3	
Vermont	Bennington	5.8	
Vermont	Chittenden	6.9	
Vermont	Rutland	7.6	
Virgin Islands	St Croix	6.2	
Virginia	Albemarle	6.9	
Virginia	Arlington	7.5	
Virginia	Bristol City	6.6	
Virginia	Charles	6.4	
Virginia	Chesterfield	6.4	
Virginia	Fairfax	8.7	
Virginia	Frederick	7.6	
Virginia	Hampton City	6.4	
Virginia	Henrico	7.4	
Virginia	Loudoun	6.9	
Virginia	Lynchburg City	6.1	
Virginia	Norfolk City	6.8	
Virginia	Richmond City	7.8	
Virginia	Roanoke	7.1	
Virginia	Rockingham	6.8	
Virginia	Salem City	6.5	
Virginia	Virginia Beach City	6.8	
Washington	Clark	8.9	
Washington	King	8.3	
Washington	Kitsap	5.9	
Washington	Kittitas	7.5	
Washington	Okanogan	12.4	No
Washington	Pierce	7.9	
Washington	Snohomish	8.7	

State	County	2019 - 2021 Annual Design Value (ug/m3)	Currently in PM2.5 Nonattainment Area
Washington	Whatcom	4.7	
Washington	Yakima	11.8	No
West Virginia	Berkeley	8.4	
West Virginia	Brooke	9.1	No
West Virginia	Cabell	7.2	
West Virginia	Harrison	7.1	
West Virginia	Kanawha	7.5	
West Virginia	Marshall	9.3	No
West Virginia	Monongalia	7.0	
West Virginia	Ohio	7.8	
West Virginia	Wood	7.5	
Wisconsin	Ashland	5.6	
Wisconsin	Brown	7.8	
Wisconsin	Dane	8.3	
Wisconsin	Dodge	8.0	
Wisconsin	Eau Claire	8.2	
Wisconsin	Forest	5.9	
Wisconsin	Grant	8.8	
Wisconsin	Kenosha	7.7	
Wisconsin	La Crosse	7.9	
Wisconsin	Milwaukee	8.9	
Wisconsin	Outagamie	8.1	
Wisconsin	Ozaukee	7.0	
Wisconsin	Sauk	7.7	
Wisconsin	Taylor	6.8	
Wisconsin	Vilas	5.3	
Wisconsin	Waukesha	9.4	No
Wyoming	Fremont	2.4	
Wyoming	Laramie	4.1	
Wyoming	Park	4.3	
Wyoming	Sheridan	6.3	
Wyoming	Sublette	3.5	
Wyoming	Teton	4.4	