


Counties Projected to Violate the 2015 Primary Ground-Level Ozone Standard

Model projections for 2025 are described in the Regulatory Impact Analysis (RIA)
of the Final Revisions to the National Ambient Air Quality Standards
for Ground-Level Ozone.

2025 projections include the impacts of on-the-books rules as well as emissions
reductions necessary to meet the 2008 Ozone NAAQS of 75 ppb.

Projections were not available for all monitors. See the RIA for more details.

 Projected to violate 2015 Ozone Standards (DV > 70 ppb)

State Name	County Name	Projected 2025 DV (ppb)
Alabama	Baldwin	52
Alabama	Colbert	45
Alabama	DeKalb	50
Alabama	Elmore	48
Alabama	Etowah	46
Alabama	Houston	49
Alabama	Jefferson	57
Alabama	Madison	53
Alabama	Mobile	52
Alabama	Montgomery	49
Alabama	Morgan	54
Alabama	Russell	49
Alabama	Shelby	54
Alabama	Sumter	47
Alabama	Tuscaloosa	45
Arizona	Cochise	67
Arizona	Coconino	66
Arizona	Gila	63
Arizona	La Paz	65
Arizona	Maricopa	68
Arizona	Navajo	59
Arizona	Pima	58
Arizona	Pinal	64
Arizona	Yavapai	63
Arizona	Yuma	66
Arkansas	Clark	53
Arkansas	Crittenden	60
Arkansas	Newton	53
Arkansas	Polk	62
Arkansas	Pulaski	53
Arkansas	Washington	58

Colorado	Adams	66
Colorado	Arapahoe	70
Colorado	Boulder	65
Colorado	Denver	63
Colorado	Douglas	70
Colorado	El Paso	65
Colorado	Garfield	63
Colorado	Gunnison	64
Colorado	Jefferson	71
Colorado	La Plata	68
Colorado	Larimer	71
Colorado	Mesa	64
Colorado	Moffat	59
Colorado	Montezuma	61
Colorado	Rio Blanco	60
Colorado	Weld	70
Connecticut	Fairfield	72
Connecticut	Hartford	61
Connecticut	Litchfield	56
Connecticut	Middlesex	64
Connecticut	New Haven	71
Connecticut	New London	65
Connecticut	Tolland	62
Connecticut	Windham	56
Delaware	Kent	58
Delaware	New Castle	61
Delaware	Sussex	63
District of Columbia	District of Columbia	61
Florida	Alachua	50
Florida	Baker	51
Florida	Bay	51
Florida	Brevard	53
Florida	Broward	53
Florida	Collier	48
Florida	Columbia	51
Florida	Duval	51
Florida	Escambia	55
Florida	Highlands	52
Florida	Hillsborough	58
Florida	Holmes	48
Florida	Indian River	53
Florida	Lake	52
Florida	Lee	51
Florida	Leon	48
Florida	Manatee	52
Florida	Marion	51
Florida	Martin	50

Florida	Miami-Dade	58
Florida	Okaloosa	50
Florida	Orange	58
Florida	Osceola	51
Florida	Palm Beach	54
Florida	Pasco	53
Florida	Pinellas	54
Florida	Polk	53
Florida	Santa Rosa	54
Florida	Sarasota	56
Florida	Seminole	53
Florida	Volusia	49
Florida	Wakulla	52
Georgia	Bibb	49
Georgia	Chatham	50
Georgia	Chattooga	49
Georgia	Clarke	50
Georgia	Cobb	54
Georgia	Columbia	51
Georgia	Coweta	48
Georgia	Dawson	48
Georgia	DeKalb	55
Georgia	Douglas	51
Georgia	Fulton	58
Georgia	Glynn	47
Georgia	Gwinnett	54
Georgia	Henry	58
Georgia	Murray	51
Georgia	Muscogee	50
Georgia	Paulding	51
Georgia	Pike	51
Georgia	Richmond	52
Georgia	Rockdale	54
Georgia	Sumter	52
Idaho	Ada	60
Idaho	Butte	59
Idaho	Kootenai	47
Illinois	Adams	56
Illinois	Champaign	60
Illinois	Clark	58
Illinois	Cook	63
Illinois	DuPage	58
Illinois	Effingham	58
Illinois	Hamilton	65
Illinois	Jersey	60
Illinois	Jo Daviess	57
Illinois	Kane	62

Illinois	Lake	57
Illinois	Macon	59
Illinois	Macoupin	56
Illinois	Madison	62
Illinois	McHenry	60
Illinois	McLean	57
Illinois	Peoria	58
Illinois	Randolph	57
Illinois	Rock Island	49
Illinois	Sangamon	58
Illinois	St. Clair	61
Illinois	Will	55
Illinois	Winnebago	57
Indiana	Allen	57
Indiana	Boone	60
Indiana	Carroll	58
Indiana	Clark	65
Indiana	Delaware	56
Indiana	Elkhart	55
Indiana	Floyd	65
Indiana	Greene	68
Indiana	Hamilton	58
Indiana	Hancock	55
Indiana	Hendricks	56
Indiana	Huntington	54
Indiana	Jackson	57
Indiana	Johnson	58
Indiana	Knox	65
Indiana	Lake	56
Indiana	LaPorte	65
Indiana	Madison	55
Indiana	Marion	60
Indiana	Morgan	56
Indiana	Perry	65
Indiana	Porter	57
Indiana	Posey	61
Indiana	Shelby	61
Indiana	St. Joseph	57
Indiana	Vanderburgh	63
Indiana	Vigo	55
Indiana	Wabash	61
Indiana	Warrick	64
Iowa	Bremer	52
Iowa	Clinton	56
Iowa	Harrison	55
Iowa	Linn	54
Iowa	Montgomery	55

Iowa	Palo Alto	56
Iowa	Polk	48
Iowa	Scott	56
Iowa	Story	49
Iowa	Van Buren	54
Iowa	Warren	52
Kansas	Johnson	60
Kansas	Leavenworth	57
Kansas	Linn	58
Kansas	Riley	61
Kansas	Sedgwick	63
Kansas	Shawnee	61
Kansas	Sumner	64
Kansas	Trego	65
Kansas	Wyandotte	54
Kentucky	Bell	49
Kentucky	Boone	58
Kentucky	Boyd	58
Kentucky	Bullitt	62
Kentucky	Campbell	66
Kentucky	Carter	56
Kentucky	Christian	53
Kentucky	Daviess	67
Kentucky	Edmonson	57
Kentucky	Fayette	58
Kentucky	Greenup	59
Kentucky	Hancock	66
Kentucky	Hardin	59
Kentucky	Henderson	68
Kentucky	Jefferson	71
Kentucky	Jessamine	57
Kentucky	Livingston	65
Kentucky	McCracken	69
Kentucky	Morgan	56
Kentucky	Oldham	68
Kentucky	Perry	56
Kentucky	Pike	56
Kentucky	Pulaski	51
Kentucky	Simpson	53
Kentucky	Trigg	58
Kentucky	Warren	50
Kentucky	Washington	57
Louisiana	Ascension	62
Louisiana	Bossier	64
Louisiana	Caddo	62
Louisiana	Calcasieu	66
Louisiana	East Baton Rouge	67

Louisiana	Iberville	65
Louisiana	Jefferson	64
Louisiana	Lafayette	60
Louisiana	Lafourche	61
Louisiana	Livingston	62
Louisiana	Orleans	59
Louisiana	Ouachita	55
Louisiana	Pointe Coupee	62
Louisiana	St. Bernard	58
Louisiana	St. Charles	60
Louisiana	St. James	58
Louisiana	St. John the Baptist	62
Louisiana	St. Tammany	62
Louisiana	West Baton Rouge	59
Maine	Androscoggin	49
Maine	Cumberland	57
Maine	Hancock	57
Maine	Kennebec	50
Maine	Knox	55
Maine	Oxford	45
Maine	Penobscot	46
Maine	Sagadahoc	49
Maine	Washington	49
Maine	York	59
Maryland	Anne Arundel	63
Maryland	Baltimore	62
Maryland	Baltimore	66
Maryland	Calvert	63
Maryland	Carroll	60
Maryland	Cecil	65
Maryland	Charles	60
Maryland	Dorchester	60
Maryland	Frederick	62
Maryland	Garrett	59
Maryland	Harford	73
Maryland	Kent	61
Maryland	Montgomery	59
Maryland	Prince George's	62
Maryland	Washington	59
Massachusetts	Barnstable	59
Massachusetts	Berkshire	57
Massachusetts	Bristol	59
Massachusetts	Dukes	64
Massachusetts	Essex	57
Massachusetts	Hampden	59
Massachusetts	Hampshire	56
Massachusetts	Middlesex	54

Massachusetts	Norfolk	59
Massachusetts	Suffolk	55
Massachusetts	Worcester	55
Michigan	Allegan	69
Michigan	Benzie	61
Michigan	Berrien	68
Michigan	Cass	62
Michigan	Chippewa	55
Michigan	Clinton	56
Michigan	Genesee	60
Michigan	Huron	61
Michigan	Ingham	56
Michigan	Kalamazoo	60
Michigan	Kent	59
Michigan	Lenawee	60
Michigan	Macomb	68
Michigan	Manistee	60
Michigan	Mason	61
Michigan	Missaukee	57
Michigan	Muskegon	66
Michigan	Oakland	65
Michigan	Ottawa	62
Michigan	Schoolcraft	60
Michigan	St. Clair	65
Michigan	Tuscola	57
Michigan	Washtenaw	62
Michigan	Wayne	70
Michigan	Wexford	55
Minnesota	Anoka	56
Minnesota	Crow Wing	49
Minnesota	Goodhue	53
Minnesota	Mille Lacs	47
Minnesota	Olmsted	53
Minnesota	Scott	53
Minnesota	St. Louis	41
Minnesota	Stearns	50
Minnesota	Washington	52
Minnesota	Wright	52
Mississippi	Adams	54
Mississippi	Bolivar	60
Mississippi	DeSoto	55
Mississippi	Hancock	50
Mississippi	Harrison	51
Mississippi	Hinds	48
Mississippi	Jackson	58
Mississippi	Lauderdale	49
Mississippi	Lee	50

Mississippi	Yalobusha	51
Missouri	Andrew	59
Missouri	Boone	56
Missouri	Callaway	55
Missouri	Cass	57
Missouri	Cedar	60
Missouri	Clay	63
Missouri	Clinton	63
Missouri	Greene	57
Missouri	Jasper	62
Missouri	Jefferson	63
Missouri	Lincoln	62
Missouri	Monroe	57
Missouri	Perry	62
Missouri	St. Charles	65
Missouri	St. Louis	63
Missouri	St. Louis	64
Missouri	Ste. Genevieve	60
Missouri	Taney	57
Montana	Rosebud	52
Nebraska	Douglas	57
Nebraska	Lancaster	47
Nevada	Carson City	59
Nevada	Churchill	52
Nevada	Clark	69
Nevada	Lyon	60
Nevada	Washoe	59
Nevada	White Pine	66
New Hampshire	Belknap	51
New Hampshire	Cheshire	50
New Hampshire	Coos	57
New Hampshire	Grafton	49
New Hampshire	Hillsborough	56
New Hampshire	Merrimack	52
New Hampshire	Rockingham	55
New Jersey	Atlantic	59
New Jersey	Bergen	63
New Jersey	Camden	67
New Jersey	Cumberland	57
New Jersey	Essex	64
New Jersey	Gloucester	68
New Jersey	Hudson	63
New Jersey	Hunterdon	62
New Jersey	Mercer	63
New Jersey	Middlesex	65
New Jersey	Monmouth	65
New Jersey	Morris	62

New Jersey	Ocean	66
New Jersey	Passaic	61
New Jersey	Warren	52
New Mexico	Bernalillo	62
New Mexico	Doña Ana	61
New Mexico	Eddy	67
New Mexico	Grant	61
New Mexico	Lea	61
New Mexico	Luna	57
New Mexico	San Juan	62
New Mexico	Sandoval	58
New Mexico	Santa Fe	59
New Mexico	Valencia	58
New York	Albany	56
New York	Bronx	66
New York	Chautauqua	61
New York	Chemung	57
New York	Dutchess	57
New York	Erie	61
New York	Essex	57
New York	Hamilton	56
New York	Herkimer	55
New York	Jefferson	62
New York	Madison	54
New York	Monroe	59
New York	New York	64
New York	Niagara	64
New York	Oneida	52
New York	Onondaga	59
New York	Orange	55
New York	Oswego	58
New York	Putnam	56
New York	Queens	71
New York	Rensselaer	56
New York	Richmond	72
New York	Rockland	61
New York	Saratoga	55
New York	Schenectady	53
New York	Steuben	56
New York	Suffolk	73
New York	Tompkins	58
New York	Ulster	58
New York	Wayne	56
New York	Westchester	64
North Carolina	Alexander	51
North Carolina	Avery	49
North Carolina	Buncombe	51

North Carolina	Caldwell	50
North Carolina	Carteret	50
North Carolina	Caswell	54
North Carolina	Chatham	48
North Carolina	Cumberland	54
North Carolina	Davie	53
North Carolina	Durham	51
North Carolina	Edgecombe	54
North Carolina	Forsyth	57
North Carolina	Franklin	52
North Carolina	Graham	54
North Carolina	Granville	54
North Carolina	Guilford	56
North Carolina	Haywood	54
North Carolina	Jackson	54
North Carolina	Johnston	54
North Carolina	Lenoir	52
North Carolina	Lincoln	55
North Carolina	Macon	49
North Carolina	Martin	51
North Carolina	Mecklenburg	64
North Carolina	Montgomery	49
North Carolina	New Hanover	49
North Carolina	Person	56
North Carolina	Pitt	54
North Carolina	Rockingham	56
North Carolina	Rowan	57
North Carolina	Swain	49
North Carolina	Union	53
North Carolina	Wake	56
North Carolina	Yancey	53
Ohio	Allen	61
Ohio	Ashtabula	62
Ohio	Athens	58
Ohio	Butler	67
Ohio	Clark	61
Ohio	Clermont	65
Ohio	Clinton	63
Ohio	Cuyahoga	57
Ohio	Delaware	59
Ohio	Fayette	57
Ohio	Franklin	66
Ohio	Geauga	60
Ohio	Greene	59
Ohio	Hamilton	70
Ohio	Jefferson	60
Ohio	Knox	59

Ohio	Lake	58
Ohio	Lawrence	59
Ohio	Licking	58
Ohio	Lorain	54
Ohio	Lucas	61
Ohio	Madison	59
Ohio	Mahoning	58
Ohio	Medina	57
Ohio	Miami	59
Ohio	Montgomery	62
Ohio	Noble	52
Ohio	Portage	56
Ohio	Preble	59
Ohio	Stark	61
Ohio	Summit	59
Ohio	Trumbull	62
Ohio	Warren	64
Ohio	Washington	60
Ohio	Wood	60
Oklahoma	Adair	61
Oklahoma	Caddo	61
Oklahoma	Canadian	61
Oklahoma	Cherokee	61
Oklahoma	Cleveland	62
Oklahoma	Comanche	64
Oklahoma	Creek	59
Oklahoma	Dewey	65
Oklahoma	Kay	62
Oklahoma	Mayes	63
Oklahoma	McClain	61
Oklahoma	McCurtain	59
Oklahoma	Oklahoma	65
Oklahoma	Ottawa	61
Oklahoma	Pittsburg	64
Oklahoma	Sequoyah	60
Oklahoma	Tulsa	63
Oregon	Clackamas	54
Oregon	Columbia	45
Oregon	Jackson	54
Oregon	Lane	49
Oregon	Marion	49
Oregon	Multnomah	51
Oregon	Umatilla	51
Oregon	Washington	50
Pennsylvania	Adams	58
Pennsylvania	Allegheny	71
Pennsylvania	Armstrong	64

Pennsylvania	Beaver	66
Pennsylvania	Berks	61
Pennsylvania	Blair	64
Pennsylvania	Bucks	65
Pennsylvania	Cambria	60
Pennsylvania	Centre	64
Pennsylvania	Chester	59
Pennsylvania	Clearfield	63
Pennsylvania	Dauphin	60
Pennsylvania	Delaware	60
Pennsylvania	Elk	55
Pennsylvania	Erie	60
Pennsylvania	Franklin	55
Pennsylvania	Greene	57
Pennsylvania	Indiana	65
Pennsylvania	Lackawanna	60
Pennsylvania	Lancaster	61
Pennsylvania	Lawrence	60
Pennsylvania	Lebanon	61
Pennsylvania	Lehigh	61
Pennsylvania	Luzerne	54
Pennsylvania	Lycoming	56
Pennsylvania	Mercer	61
Pennsylvania	Monroe	53
Pennsylvania	Montgomery	61
Pennsylvania	Northampton	59
Pennsylvania	Perry	58
Pennsylvania	Philadelphia	68
Pennsylvania	Somerset	53
Pennsylvania	Tioga	58
Pennsylvania	Washington	61
Pennsylvania	Westmoreland	62
Pennsylvania	York	58
Rhode Island	Kent	59
Rhode Island	Providence	59
Rhode Island	Washington	63
South Carolina	Abbeville	46
South Carolina	Aiken	48
South Carolina	Anderson	52
South Carolina	Berkeley	49
South Carolina	Charleston	50
South Carolina	Chesterfield	50
South Carolina	Colleton	47
South Carolina	Darlington	52
South Carolina	Edgefield	45
South Carolina	Greenville	51
South Carolina	Pickens	53

South Carolina	Richland	53
South Carolina	Spartanburg	55
South Carolina	York	49
South Dakota	Brookings	54
South Dakota	Custer	58
South Dakota	Jackson	52
South Dakota	Meade	53
South Dakota	Minnehaha	56
South Dakota	Union	53
Tennessee	Anderson	55
Tennessee	Blount	59
Tennessee	Claiborne	47
Tennessee	Davidson	55
Tennessee	DeKalb	54
Tennessee	Hamilton	55
Tennessee	Jefferson	57
Tennessee	Knox	54
Tennessee	Loudon	56
Tennessee	Meigs	54
Tennessee	Rutherford	53
Tennessee	Sevier	57
Tennessee	Shelby	60
Tennessee	Sullivan	60
Tennessee	Sumner	60
Tennessee	Williamson	55
Tennessee	Wilson	57
Texas	Bell	62
Texas	Bexar	67
Texas	Brazoria	75
Texas	Brewster	68
Texas	Cameron	57
Texas	Collin	68
Texas	Dallas	69
Texas	Denton	70
Texas	El Paso	62
Texas	Ellis	65
Texas	Galveston	69
Texas	Gregg	66
Texas	Harris	74
Texas	Harrison	61
Texas	Hidalgo	55
Texas	Hood	64
Texas	Hunt	60
Texas	Jefferson	69
Texas	Johnson	67
Texas	Kaufman	60
Texas	McLennan	63

Texas	Montgomery	66
Texas	Navarro	61
Texas	Nueces	63
Texas	Orange	63
Texas	Parker	67
Texas	Polk	60
Texas	Randall	66
Texas	Rockwall	65
Texas	Smith	62
Texas	Tarrant	73
Texas	Travis	63
Texas	Victoria	60
Texas	Webb	59
Utah	Box Elder	60
Utah	Cache	59
Utah	Carbon	62
Utah	Davis	61
Utah	Duchesne	63
Utah	Salt Lake	65
Utah	San Juan	64
Utah	Tooele	65
Utah	Utah	63
Utah	Washington	66
Utah	Weber	65
Vermont	Bennington	53
Vermont	Chittenden	52
Virginia	Albemarle	54
Virginia	Alexandria	61
Virginia	Arlington	63
Virginia	Caroline	55
Virginia	Charles City	59
Virginia	Chesterfield	56
Virginia	Fairfax	62
Virginia	Fauquier	49
Virginia	Frederick	54
Virginia	Giles	48
Virginia	Hampton	59
Virginia	Hanover	57
Virginia	Henrico	58
Virginia	Loudoun	59
Virginia	Madison	59
Virginia	Page	55
Virginia	Prince Edward	50
Virginia	Prince William	58
Virginia	Roanoke	53
Virginia	Rockbridge	51
Virginia	Rockingham	55

Virginia	Stafford	53
Virginia	Suffolk	59
Virginia	Wythe	53
Washington	Clark	50
Washington	King	55
Washington	Spokane	51
Washington	Thurston	47
West Virginia	Berkeley	56
West Virginia	Cabell	57
West Virginia	Gilmer	52
West Virginia	Greenbrier	53
West Virginia	Hancock	63
West Virginia	Kanawha	64
West Virginia	Monongalia	62
West Virginia	Ohio	60
West Virginia	Tucker	55
West Virginia	Wood	57
Wisconsin	Brown	56
Wisconsin	Columbia	56
Wisconsin	Dane	56
Wisconsin	Dodge	61
Wisconsin	Door	63
Wisconsin	Eau Claire	51
Wisconsin	Fond du Lac	60
Wisconsin	Forest	53
Wisconsin	Jefferson	58
Wisconsin	Kenosha	58
Wisconsin	Kewaunee	62
Wisconsin	La Crosse	52
Wisconsin	Manitowoc	66
Wisconsin	Marathon	52
Wisconsin	Milwaukee	64
Wisconsin	Outagamie	59
Wisconsin	Ozaukee	65
Wisconsin	Racine	57
Wisconsin	Rock	60
Wisconsin	Sauk	53
Wisconsin	Sheboygan	71
Wisconsin	Taylor	53
Wisconsin	Vilas	52
Wisconsin	Walworth	60
Wisconsin	Waukesha	57
Wyoming	Albany	65
Wyoming	Campbell	59
Wyoming	Carbon	59
Wyoming	Fremont	59
Wyoming	Laramie	62

Wyoming	Sublette	62
Wyoming	Sweetwater	60
Wyoming	Teton	58
Wyoming	Uinta	58