

Data Update
2003-2005 Ozone Air Quality Data

The following is a brief summary of EPA's 2005 air quality update for the 8-hour ozone air quality monitoring data for the three year period, 2003-2005. During this current three year period,

- 48 of the 126 areas originally designated nonattainment for the 8-hour ozone National Ambient Air Quality Standard (NAAQS) failed to meet the NAAQS in 2003-2005 (Table 1).
- 5 areas' data are incomplete.
- 10 of the 126 areas originally designated nonattainment for the 8-hour O₃ NAAQS are now maintenance areas, meaning they have been redesignated to attainment in full.
- No additional unclassifiable/attainment areas failed to meet the O₃ NAAQS in 2003-2005 (Table 2).

The EPA set the 8-hour O₃ standard at 0.08 parts per million (ppm). If the level of the 8-hour O₃ 3-year average of the annual 4th highest daily maximum 8-hour O₃ concentration is greater than 0.08 ppm (0.085 rounds up), then the standard is not met.

Air quality data from EPA's Air Quality System (AQS) were used to calculate design values. The specific calculation is explained in the notes. The data used for these calculations were obtained from AQS on July 10, 2006. For more information concerning these data contact:

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Table 1. Areas previously designated nonattainment for O₃.

Nonattainment Area	State	Region	Classification	Status	2003-2005	Meet
					Design Value	NAAQS 2003-2005
Albany-Schenectady-Troy, NY	NY	02	Subpart 1/Basic	Nonattainment	0.082	Yes
Allegan Co, MI	MI	05	Subpart 1/Basic	Nonattainment	0.089	No
Allentown-Bethlehem-Easton, PA	PA	03	Subpart 1/Basic	Nonattainment	0.087	No
Altoona, PA	PA	03	Subpart 1/Basic	Nonattainment	0.077	Yes
Amador and Calaveras Cos (Central Mtn), CA	CA	09	Subpart 1/Basic	Nonattainment	0.091	No
Atlanta, GA	GA	04	Subpart 2/Marginal	Nonattainment	0.09	No
Baltimore, MD	MD	03	Subpart 2/Moderate	Nonattainment	0.091	No
Baton Rouge, LA	LA	06	Subpart 2/Marginal	Nonattainment	0.096	No
Beaumont-Port Arthur, TX	TX	06	Subpart 2/Marginal	Nonattainment	0.088	No
Benton Harbor, MI	MI	05	Subpart 1/Basic	Nonattainment	0.084	Yes
Benzie Co, MI	MI	05	Subpart 1/Basic	Nonattainment	0.083	Yes
Berkeley and Jefferson Counties, WV	WV	03	Subpart 1/EAC	Nonattainment	0.076	Yes
Birmingham, AL	AL	04	Subpart 1/Basic	Attainment	0.084	Yes
Boston-Lawrence-Worcester (E. MA), MA	MA	01	Subpart 2/Moderate	Nonattainment	0.086	No
Boston-Manchester-Portsmouth(SE),NH	NH	01	Subpart 2/Moderate	Nonattainment	0.08	Yes
Buffalo-Niagara Falls, NY	NY	02	Subpart 1/Basic	Nonattainment	0.086	No
Canton-Massillon, OH	OH	05	Subpart 1/Basic	Nonattainment	0.082	Yes
Cass Co, MI	MI	05	Subpart 2/Marginal	Nonattainment		Incomplete
Charleston, WV	WV	03	Subpart 1/Basic	Attainment	0.078	Yes
Charlotte-Gastonia-Rock Hill, NC-SC	NC-SC	04	Subpart 2/Moderate	Nonattainment	0.088	No
Chattanooga, TN-GA	TN-GA	04	Subpart 1/EAC	Nonattainment	0.08	Yes
Chicago-Gary-Lake County, IL-IN	IL-IN	05	Subpart 2/Moderate	Nonattainment	0.086	No
Chico, CA	CA	09	Subpart 1/Basic	Nonattainment	0.083	Yes
Cincinnati-Hamilton, OH-KY-IN	OH-KY-IN	05,04	Subpart 1/Basic	Nonattainment	0.089	No
Clarksville-Hopkinsville, TN-KY	TN-KY	04	Subpart 1/Basic	Attainment	0.077	Yes
Clearfield and Indiana Cos, PA	PA	03	Subpart 1/Basic	Nonattainment	0.082	Yes
Cleveland-Akron-Lorain, OH	OH	05	Subpart 2/Moderate	Nonattainment	0.091	No
Columbia, SC	SC	04	Subpart 1/EAC	Nonattainment	0.083	Yes
Columbus, OH	OH	05	Subpart 1/Basic	Nonattainment	0.088	No
Dallas-Fort Worth, TX	TX	06	Subpart 2/Moderate	Nonattainment	0.095	No
Dayton-Springfield, OH	OH	05	Subpart 1/Basic	Nonattainment		Incomplete
Denver-Boulder-Greeley-Ft Collins-Love., CO	CO	08	Subpart 1/EAC	Nonattainment	0.084	Yes
Detroit-Ann Arbor, MI	MI	05	Subpart 2/Marginal	Nonattainment	0.09	No
Door Co, WI	WI	05	Subpart 1/Basic	Nonattainment	0.09	No
Erie, PA	PA	03	Subpart 1/Basic	Nonattainment	0.083	Yes
Essex Co (Whiteface Mtn), NY	NY	02	Subpart 1/Basic	Nonattainment		Incomplete
Evansville, IN	IN	05	Subpart 1/Basic	Attainment	0.077	Yes
Fayetteville, NC	NC	04	Subpart 1/EAC	Nonattainment	0.083	Yes
Flint, MI	MI	05	Subpart 1/Basic	Nonattainment	0.082	Yes
Fort Wayne, IN	IN	05	Subpart 1/Basic	Nonattainment	0.083	Yes
Franklin Co, PA	PA	03	Subpart 1/Basic	Nonattainment	0.075	Yes
Frederick Co, VA	VA	03	Subpart 1/EAC	Nonattainment	0.073	Yes
Fredericksburg, VA	VA	03	Subpart 2/Moderate	Attainment	0.079	Yes
Grand Rapids, MI	MI	05	Subpart 1/Basic	Nonattainment	0.082	Yes
Greater Connecticut, CT	CT	01	Subpart 2/Moderate	Nonattainment	0.087	No
Greene Co, IN	IN	05	Subpart 1/Basic	Attainment	0.08	Yes
Greene Co, PA	PA	03	Subpart 1/Basic	Nonattainment	0.081	Yes
Greensboro-Winston Salem-High Point, NC	NC	04	Subpart 2/Marginal/EAC	Nonattainment	0.082	Yes

Greenville-Spartanburg-Anderson, SC	SC	04	Subpart 1/EAC	Nonattainment	0.081	Yes
Hancock, Knox, Lincoln & Waldo Cos, ME	ME	01	Subpart 1/Basic	Nonattainment	0.082	Yes
Harrisburg-Lebanon-Carlisle, PA	PA	03	Subpart 1/Basic	Nonattainment	0.078	Yes
Haywood and Swain Cos (Great Smoky NP), NC	NC	04	Subpart 1/Basic	Nonattainment	0.078	Yes
Hickory-Morganton-Lenoir, NC	NC	04	Subpart 1/EAC	Nonattainment	0.077	Yes
Houston-Galveston-Brazoria, TX	TX	06	Subpart 2/Moderate	Nonattainment	0.103	No
Huntington-Ashland, WV-KY	WV-KY	03,04	Subpart 1/Basic	Nonattainment	0.079	Yes
Huron Co, MI	MI	05	Subpart 1/Basic	Nonattainment	0.077	Yes
Imperial Co, CA	CA	09	Subpart 2/Marginal	Nonattainment	0.084	Yes
Indianapolis, IN	IN	05	Subpart 1/Basic	Nonattainment	0.087	No
Jackson Co, IN	IN	05	Subpart 1/Basic	Attainment	0.075	Yes
Jamestown, NY	NY	02	Subpart 1/Basic	Nonattainment	0.089	No
Jefferson Co, NY	NY	02	Subpart 2/Moderate	Nonattainment	0.081	Yes
Johnson City-Kingsport-Bristol, TN	TN	04	Subpart 1/EAC	Nonattainment	0.079	Yes
Johnstown, PA	PA	03	Subpart 1/Basic	Nonattainment	0.077	Yes
Kalamazoo-Battle Creek, MI	MI	05	Subpart 1/Basic	Nonattainment	0.078	Yes
Kent and Queen Anne's Cos, MD	MD	03	Subpart 2/Marginal	Nonattainment	0.082	Yes
Kern Co (Eastern Kern), CA	CA	09	Subpart 1/Basic	Nonattainment	0.09	No
Kewaunee Co, WI	WI	05	Subpart 1/Basic	Nonattainment	0.086	No
Knoxville, TN	TN	04	Subpart 1/Basic	Nonattainment	0.086	No
La Porte, IN	IN	05	Subpart 2/Marginal	Nonattainment		Incomplete
Lancaster, PA	PA	03	Subpart 2/Marginal	Nonattainment	0.083	Yes
Lansing-East Lansing, MI	MI	05	Subpart 1/Basic	Nonattainment	0.078	Yes
Las Vegas, NV	NV	09	Subpart 1/Basic	Nonattainment	0.085	No
Lima, OH	OH	05	Subpart 1/Basic	Nonattainment	0.081	Yes
Los Angeles South Coast Air Basin, CA	CA	09	Subpart 2/Severe17	Nonattainment	0.127	No
Los Angeles-San Bernardino Cos(W Mojave),CA	CA	09	Subpart 2/Moderate	Nonattainment	0.105	No
Louisville, KY-IN	KY-IN	04,05	Subpart 1/Basic	Nonattainment	0.082	Yes
Macon, GA	GA	04	Subpart 1/Basic	Nonattainment	0.083	Yes
Madison and Page Cos (Shenandoah NP), VA	VA	03	Subpart 1/Basic	Attainment		Incomplete
Manitowoc Co, WI	WI	05	Subpart 1/Basic	Nonattainment	0.087	No
Mariposa and Tuolumne Cos (Southern Mtn),CA	CA	09	Subpart 1/Basic	Nonattainment	0.088	No
Mason Co, MI	MI	05	Subpart 1/Basic	Nonattainment	0.081	Yes
Memphis, TN-AR	TN-AR	04,06	Subpart 2/Marginal	Nonattainment	0.086	No
Milwaukee-Racine, WI	WI	05	Subpart 2/Moderate	Nonattainment	0.088	No
Muncie, IN	IN	05	Subpart 1/Basic	Attainment	0.078	Yes
Murray Co (Chattahoochee Nat Forest), GA	GA	04	Subpart 1/Basic	Nonattainment	0.079	Yes
Muskegon, MI	MI	05	Subpart 2/Marginal	Nonattainment	0.084	Yes
Nashville, TN	TN	04	Subpart 1/EAC	Nonattainment	0.082	Yes
Nevada Co. (Western Part), CA	CA	09	Subpart 1/Basic	Nonattainment	0.098	No
New York-N. New Jersey-Long Island,NY-NJ-CT	NY-NJ-CT	02,01	Subpart 2/Moderate	Nonattainment	0.091	No
Norfolk-Virginia Beach-Newport News (HR),VA	VA	03	Subpart 2/Marginal	Nonattainment	0.078	Yes
Parkersburg-Marietta, WV-OH	WV-OH	03,05	Subpart 1/Basic	Nonattainment	0.081	Yes
Philadelphia-Wilmin-Atlantic Ci,PA-NJ-MD-DE	PA-NJ-MD-DE	03,02	Subpart 2/Moderate	Nonattainment	0.094	No
Phoenix-Mesa, AZ	AZ	09	Subpart 1/Basic	Nonattainment	0.084	Yes
Pittsburgh-Beaver Valley, PA	PA	03	Subpart 1/Basic	Nonattainment	0.084	Yes
Portland, ME	ME	01	Subpart 2/Marginal	Nonattainment	0.077	Yes
Poughkeepsie, NY	NY	02	Subpart 2/Moderate	Nonattainment	0.086	No
Providence (All RI), RI	RI	01	Subpart 2/Moderate	Nonattainment	0.089	No
Raleigh-Durham-Chapel Hill, NC	NC	04	Subpart 1/Basic	Nonattainment	0.085	No
Reading, PA	PA	03	Subpart 1/Basic	Nonattainment	0.08	Yes
Richmond-Petersburg, VA	VA	03	Subpart 2/Marginal	Nonattainment	0.082	Yes

Riverside Co, (Coachella Valley), CA	CA	09	Subpart 2/Serious	Nonattainment	0.104	No
Roanoke, VA	VA	03	Subpart 1/EAC	Nonattainment	0.074	Yes
Rochester, NY	NY	02	Subpart 1/Basic	Nonattainment	0.073	Yes
Rocky Mount, NC	NC	04	Subpart 1/Basic	Nonattainment	0.079	Yes
Sacramento Metro, CA	CA	09	Subpart 2/Serious	Nonattainment	0.097	No
San Antonio, TX	TX	06	Subpart 1/EAC	Nonattainment	0.086	No
San Diego, CA	CA	09	Subpart 1/Basic	Nonattainment	0.086	No
San Francisco Bay Area, CA	CA	09	Subpart 2/Marginal	Nonattainment	0.078	Yes
San Joaquin Valley, CA	CA	09	Subpart 2/Serious	Nonattainment	0.113	No
Scranton-Wilkes-Barre, PA	PA	03	Subpart 1/Basic	Nonattainment	0.077	Yes
Sheboygan, WI	WI	05	Subpart 2/Moderate	Nonattainment	0.089	No
South Bend-Elkhart, IN	IN	05	Subpart 1/Basic	Nonattainment	0.083	Yes
Springfield (Western MA), MA	MA	01	Subpart 2/Moderate	Nonattainment	0.084	Yes
St Louis, MO-IL	MO-IL	07,05	Subpart 2/Moderate	Nonattainment	0.086	No
State College, PA	PA	03	Subpart 1/Basic	Nonattainment	0.079	Yes
Steubenville-Weirton, OH-WV	OH-WV	05,03	Subpart 1/Basic	Nonattainment	0.077	Yes
Sutter Co (Sutter Buttes), CA	CA	09	Subpart 1/Basic	Nonattainment	0.083	Yes
Terre Haute, IN	IN	05	Subpart 1/Basic	Attainment	0.076	Yes
Tioga Co, PA	PA	03	Subpart 1/Basic	Nonattainment	0.081	Yes
Toledo, OH	OH	05	Subpart 1/Basic	Nonattainment	0.086	No
Ventura Co, CA	CA	09	Subpart 2/Moderate	Nonattainment	0.091	No
Washington Co (Hagerstown), MD	MD	03	Subpart 1/EAC	Nonattainment	0.078	Yes
Washington, DC-MD-VA	DC-MD-VA	03	Subpart 2/Moderate	Nonattainment	0.091	No
Wheeling, WV-OH	WV-OH	03,05	Subpart 1/Basic	Nonattainment	0.076	Yes
York, PA	PA	03	Subpart 1/Basic	Nonattainment	0.082	Yes
Youngstown-Warren-Sharon, OH-PA	OH-PA	05,03	Subpart 1/Basic	Nonattainment	0.086	No

Notes:

1 The level of the 8-hour ozone (O₃) National Ambient Air Quality Standard (NAAQS) is 0.08 parts per million (ppm).

The air quality design value for the 8-hour O₃ NAAQS is the 3-year average of the annual 4th highest daily maximum 8-hour O₃ concentration. The 8-hour O₃ NAAQS is not met when the 8-hour ozone design value is greater than 0.08 ppm (85 ppb rounds up). Flagged data is removed from calculations only if it has been agreed to by the appropriate Regional Office.

Table 2. Additional areas failing to meet the O₃ NAAQS in 2003-2005.

There are no additional areas failing to meet the O₃ NAAQS in 2003-2005.

Table 3. Ozone Design Value History for Nonattainment Areas, 1999-2001 through 2003-2005.

Nonattainment Area	State	1999-2001	2000-2002	2001-2003	2002-2004	2003-2005	Region	Status	Percent Change	Percent Change	Percent Change
		Design Value	'Design Value	'Design Value	'Design Value	'Design Value			1999-2001	2001-2003	2002-2004
									vs.	vs.	vs.
									2003-2005	2003-2005	2003-2005
Albany-Schenectady-Troy, NY	NY	0.084	0.083	0.087	0.086	0.082	02	Nonattainment	-2.4%	-5.7%	-4.7%
Allegan Co, MI	MI	0.087	0.092	0.097	0.093	0.089	05	Nonattainment	2.3%	-8.2%	-4.3%
Allentown-Bethlehem-Easton, PA	PA	0.097	0.093	0.091	0.088	0.087	03	Nonattainment	-10.3%	-4.4%	-1.1%
Altoona, PA	PA	0.084	0.084	0.085	0.081	0.077	03	Nonattainment	-8.3%	-9.4%	-4.9%
Amador and Calaveras Cos (Central Mtn), CA	CA	0.094	0.092	0.091	0.09	0.091	09	Nonattainment	-3.2%	0.0%	1.1%
Atlanta, GA	GA	0.107	0.099	0.091	0.093	0.09	04	Nonattainment	-15.9%	-1.1%	-3.2%
Baltimore, MD	MD	0.104	0.104	0.103	0.094	0.091	03	Nonattainment	-12.5%	-11.7%	-3.2%
Baton Rouge, LA	LA	0.091	0.086	0.086	0.089	0.096	06	Nonattainment	5.5%	11.6%	7.9%
Beaumont-Port Arthur, TX	TX	0.085	0.09	0.091	0.092	0.088	06	Nonattainment	3.5%	-3.3%	-4.3%
Benton Harbor, MI	MI	0.087	0.087	0.091	0.086	0.084	05	Nonattainment	-3.4%	-7.7%	-2.3%
Benzie Co, MI	MI	0.089	0.086	0.088	0.083	0.083	05	Nonattainment	-6.7%	-5.7%	0.0%
Berkeley and Jefferson Counties, WV	WV		0.088	0.086	0.08	0.076	03	Nonattainment		-11.6%	-5.0%
Birmingham, AL	AL	0.096	0.092	0.087	0.085	0.084	04	Attainment	-12.5%	-3.4%	-1.2%
Boston-Lawrence-Worcester (E. MA), MA	MA	0.096	0.093	0.095	0.091	0.086	01	Nonattainment	-10.4%	-9.5%	-5.5%
Boston-Manchester-Portsmouth(SE),NH	NH	0.083	0.085	0.087	0.084	0.08	01	Nonattainment	-3.6%	-8.0%	-4.8%
Buffalo-Niagara Falls, NY	NY	0.092	0.097	0.099	0.091	0.086	02	Nonattainment	-6.5%	-13.1%	-5.5%
Canton-Massillon, OH	OH	0.088	0.089	0.09	0.086	0.082	05	Nonattainment	-6.8%	-8.9%	-4.7%
Cass Co, MI	MI	0.087	0.09	0.093	0.089		05	Nonattainment			
Charleston, WV	WV	0.09	0.085	0.086	0.081	0.078	03	Attainment	-13.3%	-9.3%	-3.7%
Charlotte-Gastonia-Rock Hill, NC-SC	NC-SC	0.101	0.102	0.1	0.094	0.088	04	Nonattainment	-12.9%	-12.0%	-6.4%
Chattanooga, TN-GA	TN-GA	0.092	0.093	0.088	0.086	0.08	04	Nonattainment	-13.0%	-9.1%	-7.0%
Chicago-Gary-Lake County, IL-IN	IL-IN	0.095	0.1	0.101	0.094	0.086	05	Nonattainment	-9.5%	-14.9%	-8.5%
Chico, CA	CA	0.081	0.089	0.089	0.088	0.083	09	Nonattainment	2.5%	-6.7%	-5.7%
Cincinnati-Hamilton, OH-KY-IN	OH-KY-IN	0.095	0.096	0.096	0.091	0.089	05,04	Nonattainment	-6.3%	-7.3%	-2.2%
Clarksville-Hopkinsville, TN-KY	TN-KY	0.085	0.085	0.085	0.082	0.077	04	Attainment	-9.4%	-9.4%	-6.1%
Clearfield and Indiana Cos, PA	PA	0.083	0.087	0.09	0.085	0.082	03	Nonattainment	-1.2%	-8.9%	-3.5%
Cleveland-Akron-Lorain, OH	OH	0.093	0.099	0.103	0.095	0.091	05	Nonattainment	-2.2%	-11.7%	-4.2%
Columbia, SC	SC	0.093	0.093	0.089	0.086	0.083	04	Nonattainment	-10.8%	-6.7%	-3.5%
Columbus, OH	OH	0.091	0.09	0.095	0.091	0.088	05	Nonattainment	-3.3%	-7.4%	-3.3%
Dallas-Fort Worth, TX	TX	0.101	0.099	0.1	0.098	0.095	06	Nonattainment	-5.9%	-5.0%	-3.1%
Dayton-Springfield, OH	OH	0.087	0.09	0.09	0.087		05	Nonattainment			
Denver-Boulder-Greeley-Ft Collins-Love., CO	CO	0.081	0.083	0.087	0.084	0.084	08	Nonattainment	3.7%	-3.4%	0.0%
Detroit-Ann Arbor, MI	MI	0.088	0.088	0.097	0.092	0.09	05	Nonattainment	2.3%	-7.2%	-2.2%

Door Co, WI	WI	0.093	0.091	0.094	0.088	0.09	05	Nonattainment	-3.2%	-4.3%	2.3%
Erie, PA	PA	0.087	0.088	0.092	0.087	0.083	03	Nonattainment	-4.6%	-9.8%	-4.6%
Essex Co (Whiteface Mtn), NY	NY	0.078	0.087	0.091	0.089		02	Nonattainment			
Evansville, IN	IN	0.084	0.084	0.085	0.083	0.077	05	Attainment	-8.3%	-9.4%	-7.2%
Fayetteville, NC	NC	0.089	0.087	0.087	0.084	0.083	04	Nonattainment	-6.7%	-4.6%	-1.2%
Flint, MI	MI	0.086	0.084	0.09	0.085	0.082	05	Nonattainment	-4.7%	-8.9%	-3.5%
Fort Wayne, IN	IN	0.087	0.088	0.088	0.085	0.083	05	Nonattainment	-4.6%	-5.7%	-2.4%
Franklin Co, PA	PA	0.092	0.094	0.093	0.085	0.075	03	Nonattainment	-18.5%	-19.4%	-11.8%
Frederick Co, VA	VA	0.083	0.085	0.085	0.078	0.073	03	Nonattainment	-12.0%	-14.1%	-6.4%
Fredericksburg, VA	VA	0.085	0.086	0.088	0.084	0.079	03	Attainment	-7.1%	-10.2%	-6.0%
Grand Rapids, MI	MI	0.084	0.085	0.089	0.084	0.082	05	Nonattainment	-2.4%	-7.9%	-2.4%
Greater Connecticut, CT	CT	0.09	0.094	0.095	0.089	0.087	01	Nonattainment	-3.3%	-8.4%	-2.2%
Greene Co, IN	IN	0.087	0.089	0.088	0.084	0.08	05	Attainment	-8.0%	-9.1%	-4.8%
Greene Co, PA	PA	0.092	0.09	0.089	0.084	0.081	03	Nonattainment	-12.0%	-9.0%	-3.6%
Greensboro-Winston Salem-High Point, NC	NC	0.096	0.095	0.093	0.087	0.082	04	Nonattainment	-14.6%	-11.8%	-5.7%
Greenville-Spartanburg-Anderson, SC	SC	0.093	0.09	0.087	0.084	0.081	04	Nonattainment	-12.9%	-6.9%	-3.6%
Hancock, Knox, Lincoln & Waldo Cos, ME	ME	0.089	0.093	0.094	0.088	0.082	01	Nonattainment	-7.9%	-12.8%	-6.8%
Harrisburg-Lebanon-Carlisle, PA	PA	0.094	0.091	0.088	0.082	0.078	03	Nonattainment	-17.0%	-11.4%	-4.9%
Haywood and Swain Cos (Great Smoky NP), NC	NC	0.087	0.087	0.085	0.082	0.078	04	Nonattainment	-10.3%	-8.2%	-4.9%
Hickory-Morganton-Lenoir, NC	NC	0.087	0.091	0.088	0.082	0.077	04	Nonattainment	-11.5%	-12.5%	-6.1%
Houston-Galveston-Brazoria, TX	TX	0.11	0.107	0.102	0.101	0.103	06	Nonattainment	-6.4%	1.0%	2.0%
Huntington-Ashland, WV-KY	WV-KY	0.088	0.088	0.091	0.086	0.079	03,04	Nonattainment	-10.2%	-13.2%	-8.1%
Huron Co, MI	MI	0.083	0.082	0.087	0.08	0.077	05	Nonattainment	-7.2%	-11.5%	-3.8%
Imperial Co, CA	CA	0.092	0.087	0.087	0.085	0.084	09	Nonattainment	-8.7%	-3.4%	-1.2%
Indianapolis, IN	IN	0.091	0.093	0.096	0.092	0.087	05	Nonattainment	-4.4%	-9.4%	-5.4%
Jackson Co, IN	IN		0.085	0.085	0.08	0.075	05	Attainment		-11.8%	-6.3%
Jamestown, NY	NY	0.089	0.092	0.094	0.093	0.089	02	Nonattainment	0.0%	-5.3%	-4.3%
Jefferson Co, NY	NY	0.087	0.091	0.097	0.086	0.081	02	Nonattainment	-6.9%	-16.5%	-5.8%
Johnson City-Kingsport-Bristol, TN	TN	0.09	0.092	0.086	0.084	0.079	04	Nonattainment	-12.2%	-8.1%	-6.0%
Johnstown, PA	PA	0.088	0.088	0.087	0.08	0.077	03	Nonattainment	-12.5%	-11.5%	-3.8%
Kalamazoo-Battle Creek, MI	MI	0.082	0.081	0.086	0.081	0.078	05	Nonattainment	-4.9%	-9.3%	-3.7%
Kent and Queen Anne's Cos, MD	MD	0.1	0.102	0.095	0.089	0.082	03	Nonattainment	-18.0%	-13.7%	-7.9%
Kern Co (Eastern Kern), CA	CA	0.096	0.095	0.098	0.092	0.09	09	Nonattainment	-6.3%	-8.2%	-2.2%
Kewaunee Co, WI	WI	0.089	0.088	0.093	0.087	0.086	05	Nonattainment	-3.4%	-7.5%	-1.1%
Knoxville, TN	TN	0.098	0.098	0.092	0.091	0.086	04	Nonattainment	-12.2%	-6.5%	-5.5%
La Porte, IN	IN	0.085	0.092	0.093	0.086		05	Nonattainment			
Lancaster, PA	PA	0.096	0.094	0.092	0.087	0.083	03	Nonattainment	-13.5%	-9.8%	-4.6%
Lansing-East Lansing, MI	MI	0.083	0.082	0.086	0.08	0.078	05	Nonattainment	-6.0%	-9.3%	-2.5%
Las Vegas, NV	NV	0.08	0.083	0.086	0.085	0.085	09	Nonattainment	6.3%	-1.2%	0.0%
Lima, OH	OH	0.086	0.088	0.089	0.087	0.081	05	Nonattainment	-5.8%	-9.0%	-6.9%

Los Angeles South Coast Air Basin, CA	CA	0.129	0.128	0.131	0.127	0.127	09	Nonattainment	-1.6%	-3.1%	0.0%
Los Angeles-San Bernardino Cos(W Mojave),CA	CA	0.102	0.106	0.106	0.107	0.105	09	Nonattainment	2.9%	-0.9%	-1.9%
Louisville, KY-IN	KY-IN	0.091	0.09	0.092	0.088	0.082	04,05	Nonattainment	-9.9%	-10.9%	-6.8%
Macon, GA	GA	0.098	0.092	0.086	0.086	0.083	04	Nonattainment	-15.3%	-3.5%	-3.5%
Madison and Page Cos (Shenandoah NP), VA	VA	0.087	0.085	0.087	0.082		03	Attainment			
Manitowoc Co, WI	WI	0.092	0.088	0.09	0.083	0.087	05	Nonattainment	-5.4%	-3.3%	4.8%
Mariposa and Tuolumne Cos (Southern Mtn),CA	CA	0.092	0.091	0.091	0.09	0.088	09	Nonattainment	-4.3%	-3.3%	-2.2%
Mason Co, MI	MI	0.091	0.087	0.089	0.082	0.081	05	Nonattainment	-11.0%	-9.0%	-1.2%
Memphis, TN-AR	TN-AR	0.093	0.094	0.092	0.087	0.086	04,06	Nonattainment	-7.5%	-6.5%	-1.1%
Milwaukee-Racine, WI	WI	0.095	0.1	0.101	0.094	0.088	05	Nonattainment	-7.4%	-12.9%	-6.4%
Muncie, IN	IN		0.089	0.088	0.083	0.078	05	Attainment		-11.4%	-6.0%
Murray Co (Chattahoochee Nat Forest), GA	GA	0.085	0.087	0.085	0.083	0.079	04	Nonattainment	-7.1%	-7.1%	-4.8%
Muskegon, MI	MI	0.092	0.089	0.095	0.086	0.084	05	Nonattainment	-8.7%	-11.6%	-2.3%
Nashville, TN	TN	0.093	0.088	0.086	0.083	0.082	04	Nonattainment	-11.8%	-4.7%	-1.2%
Nevada Co. (Western Part), CA	CA	0.097	0.098	0.098	0.097	0.098	09	Nonattainment	1.0%	0.0%	1.0%
New York-N. New Jersey-Long Island,NY-NJ-CT	NY-NJ-CT	0.103	0.101	0.102	0.095	0.091	02,01	Nonattainment	-11.7%	-10.8%	-4.2%
Norfolk-Virginia Beach-Newport News (HR),VA	VA	0.087	0.089	0.09	0.086	0.078	03	Nonattainment	-10.3%	-13.3%	-9.3%
Parkersburg-Marietta, WV-OH	WV-OH	0.088	0.088	0.087	0.084	0.081	03,05	Nonattainment	-8.0%	-6.9%	-3.6%
Philadelphia-Wilmin-Atlantic Ci,PA-NJ-MD-DE	PA-NJ-MD-DE	0.109	0.112	0.106	0.099	0.094	03,02	Nonattainment	-13.8%	-11.3%	-5.1%
Phoenix-Mesa, AZ	AZ	0.085	0.085	0.087	0.085	0.084	09	Nonattainment	-1.2%	-3.4%	-1.2%
Pittsburgh-Beaver Valley, PA	PA	0.092	0.095	0.094	0.09	0.084	03	Nonattainment	-8.7%	-10.6%	-6.7%
Portland, ME	ME	0.086	0.09	0.091	0.084	0.077	01	Nonattainment	-10.5%	-15.4%	-8.3%
Poughkeepsie, NY	NY	0.089	0.093	0.094	0.089	0.086	02	Nonattainment	-3.4%	-8.5%	-3.4%
Providence (All RI), RI	RI	0.094	0.097	0.095	0.09	0.089	01	Nonattainment	-5.3%	-6.3%	-1.1%
Raleigh-Durham-Chapel Hill, NC	NC	0.094	0.094	0.094	0.089	0.085	04	Nonattainment	-9.6%	-9.6%	-4.5%
Reading, PA	PA	0.095	0.092	0.091	0.083	0.08	03	Nonattainment	-15.8%	-12.1%	-3.6%
Richmond-Petersburg, VA	VA	0.09	0.09	0.094	0.09	0.082	03	Nonattainment	-8.9%	-12.8%	-8.9%
Riverside Co, (Coachella Valley), CA	CA	0.1	0.105	0.108	0.104	0.104	09	Nonattainment	4.0%	-3.7%	0.0%
Roanoke, VA	VA	0.086	0.087	0.085	0.079	0.074	03	Nonattainment	-14.0%	-12.9%	-6.3%
Rochester, NY	NY	0.081	0.085	0.088	0.081	0.073	02	Nonattainment	-9.9%	-17.0%	-9.9%
Rocky Mount, NC	NC	0.087	0.088	0.089	0.085	0.079	04	Nonattainment	-9.2%	-11.2%	-7.1%
Sacramento Metro, CA	CA	0.104	0.106	0.107	0.102	0.097	09	Nonattainment	-6.7%	-9.3%	-4.9%
San Antonio, TX	TX	0.082	0.086	0.089	0.091	0.086	06	Nonattainment	4.9%	-3.4%	-5.5%
San Diego, CA	CA	0.094	0.095	0.093	0.089	0.086	09	Nonattainment	-8.5%	-7.5%	-3.4%
San Francisco Bay Area, CA	CA	0.082	0.082	0.086	0.084	0.078	09	Nonattainment	-4.9%	-9.3%	-7.1%
San Joaquin Valley, CA	CA	0.109	0.115	0.115	0.116	0.113	09	Nonattainment	3.7%	-1.7%	-2.6%
Scranton-Wilkes-Barre, PA	PA	0.086	0.085	0.086	0.081	0.077	03	Nonattainment	-10.5%	-10.5%	-4.9%
Sheboygan, WI	WI	0.095	0.099	0.1	0.092	0.089	05	Nonattainment	-6.3%	-11.0%	-3.3%
South Bend-Elkhart, IN	IN	0.084	0.09	0.093	0.088	0.083	05	Nonattainment	-1.2%	-10.8%	-5.7%
Springfield (Western MA), MA	MA	0.089	0.092	0.094	0.09	0.084	01	Nonattainment	-5.6%	-10.6%	-6.7%

St Louis, MO-IL	MO-IL	0.09	0.09	0.092	0.089	0.086	07,05	Nonattainment	-4.4%	-6.5%	-3.4%
State College, PA	PA	0.08	0.085	0.088	0.084	0.079	03	Nonattainment	-1.3%	-10.2%	-6.0%
Steubenville-Weirton, OH-WV	OH-WV	0.084	0.086	0.086	0.083	0.077	05,03	Nonattainment	-8.3%	-10.5%	-7.2%
Sutter Co (Sutter Buttes), CA	CA	0.081	0.084	0.088	0.09	0.083	09	Nonattainment	2.5%	-5.7%	-7.8%
Terre Haute, IN	IN	0.079	0.079	0.087	0.083	0.076	05	Attainment	-3.8%	-12.6%	-8.4%
Tioga Co, PA	PA	0.081	0.084	0.086	0.085	0.081	03	Nonattainment	0.0%	-5.8%	-4.7%
Toledo, OH	OH	0.085	0.089	0.093	0.089	0.086	05	Nonattainment	1.2%	-7.5%	-3.4%
Ventura Co, CA	CA	0.101	0.097	0.095	0.094	0.091	09	Nonattainment	-9.9%	-4.2%	-3.2%
Washington Co (Hagerstown), MD	MD	0.085	0.087	0.086	0.083	0.078	03	Nonattainment	-8.2%	-9.3%	-6.0%
Washington, DC-MD-VA	DC-MD-VA	0.097	0.097	0.099	0.096	0.091	03	Nonattainment	-6.2%	-8.1%	-5.2%
Wheeling, WV-OH	WV-OH	0.082	0.085	0.087	0.078	0.076	03,05	Nonattainment	-7.3%	-12.6%	-2.6%
York, PA	PA	0.09	0.092	0.089	0.086	0.082	03	Nonattainment	-8.9%	-7.9%	-4.7%
Youngstown-Warren-Sharon, OH-PA	OH-PA	0.088	0.092	0.095	0.091	0.086	05,03	Nonattainment	-2.3%	-9.5%	-5.5%