

Redesignation Actions Relying on NO_x SIP Call Emissions Reductions

Support Document for Proposed Update to NO_x SIP Call Regulations, EPA-HQ-OAR-2018-0595

EPA Clean Air Markets Division

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EPA final actions redesignating areas to attainment of a NAAQS relying in part on permanent and enforceable emissions reductions attributable to the NO_x SIP Call include the actions listed below. Because details of the basis for redesignation are typically described in the proposed action rather than the final action, citations are provided for proposed as well as final actions.

All the cited actions are available at <https://www.federalregister.gov>. To locate a webpage for the action, search using the citation, e.g., "71 FR 4077" (without the quotation marks). For an official version of the action, after locating the webpage select "Printed version: PDF". Direct links to official versions of all but the most recent cited actions are also available at the following webpages:

- For the 1997 ozone NAAQS: <https://www.epa.gov/airquality/gfrnrpt1.html>.
- For the 2008 ozone NAAQS: <https://www.epa.gov/airquality/gfrnrpt1.html>.
- For the 1997 PM_{2.5} NAAQS: <https://www.epa.gov/airquality/qfrnrpt1.html>.
- For the 2006 PM_{2.5} NAAQS: <https://www.epa.gov/airquality/rfrnrpt1.html>.

I. Areas redesignated to attainment of the 1997 ozone NAAQS

Alabama:

Birmingham, proposed 71 FR 4077 (Jan. 25, 2006), final 71 FR 27631 (May 12, 2006).

Arkansas:

Memphis, proposed 75 FR 2091 (Jan. 14, 2010), final 75 FR 14077 (Mar. 24, 2010).

Georgia:

Atlanta, proposed 78 FR 7705 (Feb. 4, 2013), final 78 FR 72040 (Dec. 2, 2013).

Murray County (Chattahoochee National Forest), proposed 72 FR 49679 (Aug. 29, 2007), final 72 FR 58538 (Oct. 16, 2007).

Illinois:

Chicago-Gary-Lake County, proposed 77 FR 6743 (Feb. 9, 2012), final 77 FR 48062 (Aug. 13, 2012).

St. Louis, proposed 76 FR 79579 (Dec. 22, 2011), final 77 FR 34819 (June 12, 2012).

Indiana:

Chicago-Gary-Lake County, proposed 75 FR 12090 (Mar. 12, 2010), final 75 FR 26113 (May 11, 2010).

Cincinnati-Hamilton, proposed 75 FR 8871 (Feb. 26, 2010), final 75 FR 26118 (May 11, 2010).

Evansville, proposed 70 FR 53605 (Sept. 9, 2005), final 70 FR 77026 (Dec. 29, 2005).

Fort Wayne, proposed 71 FR 51489 and 51546 (Aug. 30, 2006), final 72 FR 1292 (Jan. 11, 2007).

Greene County and Jackson County, direct final 70 FR 69085 (Nov. 14, 2005).

Indianapolis, proposed 72 FR 41658 (July 31, 2007), final 72 FR 59210 (Oct. 19, 2007).

La Porte County, proposed 72 FR 19424 (Apr. 18, 2007), final 72 FR 39574 (July 19, 2007).

Louisville, proposed 72 FR 26057 (May 8, 2007), final 72 FR 39571 (July 19, 2007).

Muncie, direct final 70 FR 69443 (Nov. 16, 2005).

South Bend-Elkhart, proposed 72 FR 19413 (Apr. 18, 2007), final 72 FR 39577 (July 19, 2007).

Terre Haute, proposed 70 FR 70751 (Nov. 23, 2005), final 71 FR 541 (Jan. 5, 2006).

Kentucky:

Cincinnati-Hamilton, proposed 75 FR 26685 (May 12, 2010), final 75 FR 47218 (Aug. 5, 2010).

Clarksville-Hopkinsville, proposed 70 FR 55550 and 55613 (Sept. 22, 2005), final 71 FR 4047 (Jan. 25, 2006).

Maryland:

Kent and Queen Anne's Counties, proposed 71 FR 59414 (Oct. 10, 2006), final 71 FR 76920 (Dec. 22, 2006).

Michigan:

Allegan County, proposed 75 FR 42018 (July 20, 2010), final 75 FR 58312 (Sept. 24, 2010).

Benton Harbor, Cass County, Flint, and Muskegon, proposed 72 FR 699 (Jan. 8, 2007), final 72 FR 27425 (May 16, 2007).

Benzie County, Grand Rapids, Huron County, Kalamazoo-Battle Creek, Lansing-East Lansing, and Mason County, proposed 71 FR 70915 (Dec. 7, 2006), final 72 FR 27425 (May 16, 2007).

Detroit-Ann Arbor, proposed 74 FR 18479 (Apr. 23, 2009), final 74 FR 30950 (June 29, 2009).

New Hampshire:

Boston-Manchester-Portsmouth, proposed 77 FR 65151 (Oct. 25, 2012), final 78 FR 6741 (Jan. 31, 2013).

North Carolina:

Charlotte-Gastonia-Rock Hill, proposed 78 FR 45152 (July 26, 2013), final 78 FR 72036 (Dec. 2, 2013).

Haywood and Swain Counties (Great Smoky National Park), proposed 74 FR 53198 (Oct. 16, 2009), final 74 FR 63995 (Dec. 7, 2009).

Raleigh-Durham-Chapel Hill, proposed 72 FR 56312 (Oct. 3, 2007), final 72 FR 72948 (Dec. 26, 2007).

Rocky Mount, direct final 71 FR 64891 (Nov. 6, 2006).

Ohio:

Canton-Massillon and Lima, proposed 71 FR 77678 (Dec. 27, 2006), final 72 FR 27647 (May 16, 2007).

Cincinnati-Hamilton, proposed 75 FR 8871 (Feb. 26, 2010), final 75 FR 26118 (May 11, 2010).

Cleveland-Akron-Lorain, proposed 74 FR 27957 (June 12, 2009), final 74 FR 47414 (Sept. 15, 2009).
Columbus, proposed 74 FR 27973 (June 12, 2009), final 74 FR 47404 (Sept. 15, 2009).
Dayton-Springfield, proposed 72 FR 33937 (June 20, 2007), final 72 FR 45169 (Aug. 13, 2007).
Parkersburg-Marietta, proposed 72 FR 1956 (Jan. 17, 2007), final 72 FR 27651 (May 16, 2007).
Steubenville-Weirton, proposed 72 FR 711 (Jan. 8, 2007), final 72 FR 27639 (May 16, 2007).
Toledo, proposed 72 FR 32246 (June 12, 2007), final 72 FR 44784 (Aug. 9, 2007).
Wheeling, proposed 71 FR 77666 (Dec. 27, 2006), final 72 FR 27643 (May 16, 2007).
Youngstown-Warren-Sharon, proposed 72 FR 19435 (Apr. 18, 2007), final 72 FR 32190 (June 12, 2007).

Pennsylvania:

Allentown-Bethlehem-Easton, proposed 73 FR 1162 (Jan. 7, 2008), final 73 FR 11557 (Mar. 4, 2008).
Altoona, proposed 72 FR 31495 (June 7, 2007), final 72 FR 41906 (Aug. 1, 2007).
Clearfield and Indiana Counties, proposed 73 FR 42731 (July 23, 2008), final 74 FR 11674 (Mar. 19, 2009).
Erie, proposed 72 FR 40776 (July 25, 2007), final 72 FR 57207 (Oct. 9, 2007).
Franklin County, proposed 72 FR 29914 (May 30, 2007), final 72 FR 40746 (July 25, 2007), Greene County, proposed 73 FR 40813 (July 16, 2008), final 74 FR 11671 (Mar. 19, 2009).
Harrisburg-Lebanon-Carlisle, proposed 72 FR 30521 (June 1, 2007), final 72 FR 40749 (July 25, 2007).
Johnstown, proposed 72 FR 30509 (June 1, 2007), final 72 FR 41903 (Aug. 1, 2007).
Lancaster, proposed 72 FR 27265 (May 15, 2007), final 72 FR 36889 (July 6, 2007).
Scranton-Wilkes-Barre, proposed 72 FR 54390 (Sept. 25, 2007), final 72 FR 64948 (Nov. 19, 2007).
State College, proposed 72 FR 51747 (Sept. 11, 2007), final 72 FR 63990 (Nov. 14, 2007).
Tioga County, proposed 72 FR 26046 (May 8, 2007), final 72 FR 36892 (July 6, 2007).
York, proposed 72 FR 60296 (Oct. 24, 2007), final 73 FR 2163 (Jan. 14, 2008).
Youngstown-Warren-Sharon, proposed 72 FR 41246 (July 27, 2007), final 72 FR 59213 (Oct. 19, 2007).

South Carolina:

Charlotte-Gastonia-Rock Hill, proposed 77 FR 68087 (Nov. 15, 2012), final 77 FR 75862 (Dec. 26, 2012).

Tennessee:

Clarksville-Hopkinsville, direct final 70 FR 55559 (Sept. 22, 2005).
Knoxville, proposed 75 FR 62026 (Oct. 7, 2010), final 76 FR 12587 (Mar. 8, 2011).
Memphis, proposed 74 FR 59943 (Nov. 19, 2009), final 75 FR 56 (Jan. 4, 2010).

Virginia:

Norfolk-Virginia Beach-Newport News (Hampton Roads), proposed 72 FR 18602 (Apr. 13, 2007), final 72 FR 30490 (June 1, 2007).

Richmond-Petersburg, proposed 72 FR 18434 (Apr. 12, 2007), final 72 FR 30485 (June 1, 2007).

West Virginia:

Charleston, proposed 71 FR 26299 (May 4, 2006), final 71 FR 39001 (July 11, 2006).

Huntington-Ashland, proposed 71 FR 39618 (July 13, 2006), final 71 FR 54421 (Sept. 15, 2006).

Parkersburg-Marietta, proposed 72 FR 1474 (Jan. 12, 2007), final 72 FR 25967 (May 8, 2007).

Steubenville-Weirton, proposed 71 FR 57905 (Oct. 2, 2006), final 72 FR 27060 (May 14, 2007).

Wheeling, proposed 71 FR 57894 (Oct. 2, 2006), final 72 FR 27247 (May 15, 2007).

Wisconsin:

Door County and Manitowoc County, proposed 75 FR 22047 (Apr. 27, 2010), final 75 FR 39635 (July 12, 2010).

Kewaunee County, proposed 72 FR 70255 (Dec. 11, 2007), final 73 FR 29436 (May 21, 2008).

Milwaukee-Racine, proposed 77 FR 6727 (Feb. 9, 2012), final 77 FR 45252 (July 31, 2012).

II. Areas redesignated to attainment of the 2008 ozone NAAQS

North Carolina:

Charlotte-Rock Hill, proposed 80 FR 29250 (May 21, 2015), final 80 FR 44873 (July 28, 2015).

South Carolina:

Charlotte-Rock Hill, proposed 80 FR 61775 (Oct. 14, 2015), final 80 FR 76865 (Dec. 11, 2015).

Tennessee:

Knoxville, proposed 80 FR 29237 (May 21, 2015), final 80 FR 39970 (July 13, 2015).

III. Areas redesignated to attainment of the 1997 PM_{2.5} NAAQS

Alabama:

Birmingham, proposed 76 FR 70078 (Nov. 10, 2011), final 78 FR 4341 (Jan. 22, 2013).

Chattanooga, proposed 79 FR 67137 (Nov. 12, 2014), final 79 FR 76235 (Dec. 22, 2014).

Connecticut:

New York-N. New Jersey-Long Island, proposed 78 FR 43096 (July 19, 2013), final 78 FR 58467 (Sept. 24, 2013).

Georgia:

Atlanta, proposed 81 FR 1144 (Jan. 11, 2016), final 81 FR 9114 (Feb. 24, 2016).

Chattanooga, proposed 79 FR 67120 (Nov. 12, 2014), final 79 FR 75749 (Dec. 19, 2014).

Macon, proposed 79 FR 6842 (Feb. 5, 2014), final 79 FR 27193 (May 13, 2014).

Rome, proposed 79 FR 3757 (Jan. 23, 2014), final 79 FR 27493 (May 14, 2014).

Illinois:

Chicago-Gary-Lake County, proposed 78 FR 48103 (Aug. 7, 2013), final 78 FR 60704 (Oct. 2, 2013).

Indiana:

Chicago-Gary-Lake County, proposed 76 FR 59600 (Sept. 27, 2011), final 76 FR 76302 (Dec. 7, 2011).

Cincinnati-Hamilton, proposed 82 FR 28435 (June 22, 2017), final 82 FR 41527 (Sept. 1, 2017).

Indianapolis, proposed 76 FR 59512 and 59599 (Sept. 27, 2011), final 78 FR 41698 (July 11, 2013).

Louisville, proposed 78 FR 41735 (July 11, 2013), final 81 FR 62390 (Sept. 9, 2016).

Kentucky:

Cincinnati-Hamilton, proposed 76 FR 65458 (Oct. 21, 2011), final 76 FR 77903 (Dec. 15, 2011).

Huntington-Ashland, proposed 77 FR 69409 (Nov. 19, 2012), final 77 FR 75865 (Dec. 26, 2012).

Louisville, proposed 82 FR 3234 (Jan. 11, 2017), final 82 FR 16943 (Apr. 7, 2017).

Michigan:

Detroit-Ann Arbor, proposed 78 FR 39654 (July 2, 2013), final 78 FR 53272 (Aug. 29, 2013).

Missouri:

St. Louis, proposed 83 FR 636 (Jan. 5, 2018), final 83 FR 38033 (Aug. 3, 2018).

New Jersey:

New York-N. New Jersey-Long Island and Philadelphia-Wilmington, proposed 78 FR 38648 (June 27, 2013), final 78 FR 54396 (Sept. 4, 2013).

North Carolina:

Greensboro-Winston Salem-High Point, proposed 76 FR 59345 (Sept. 26, 2011), final 76 FR 71455 (Nov. 18, 2011).

Hickory-Morganton-Lenoir, proposed 76 FR 58210 (Sept. 20, 2011), final 76 FR 71452 (Nov. 18, 2011).

Ohio:

Canton-Massillon, proposed 78 FR 48087 (Aug. 7, 2013), final 78 FR 62459 (Oct. 22, 2013).

Cincinnati-Hamilton, proposed 82 FR 792 (Jan. 4, 2017), final 82 FR 16938 (Apr. 7, 2017).

Cleveland-Akron-Lorain, proposed 78 FR 45116 (July 26, 2013), final 78 FR 57270 (Sept. 18, 2013).

Columbus, proposed 78 FR 52733 (Aug. 26, 2013), final 78 FR 66845 (Nov. 7, 2013).

Dayton-Springfield, proposed 78 FR 45135 (July 26, 2013), final 78 FR 59258 (Sept. 26, 2013).

Huntington-Ashland, proposed 76 FR 79593 (Dec. 22, 2011), final 77 FR 76883 (Dec. 31, 2012).

Parkersburg-Marietta, proposed 77 FR 71383 (Nov. 30, 2012), final 78 FR 53275 (Aug. 29, 2013).

Steubenville-Weirton, proposed 78 FR 41752 (July 11, 2013), final 78 FR 57273 (Sept. 18, 2013).

Wheeling, proposed 77 FR 71371 (Nov. 30, 2012), final 78 FR 53275 (Aug. 29, 2013).

Pennsylvania:

Harrisburg-Lebanon-Carlisle and York, proposed 79 FR 62389 (Oct. 17, 2014), final 79 FR 72552 (Dec. 8, 2014).

Johnstown, proposed 80 FR 22672 (Apr. 23, 2015), final 80 FR 42046 (July 16, 2015).

Lancaster, proposed 80 FR 24874 (May 1, 2015), final 80 FR 42050 (July 16, 2015).

Philadelphia-Wilmington, proposed 80 FR 8254 (Feb. 17, 2015), final 80 FR 22112 (Apr. 21, 2015).

Pittsburgh-Beaver Valley, proposed 80 FR 28906 (May 20, 2015), final 80 FR 59624 (Oct. 2, 2015).

Reading, proposed 79 FR 76251 (Dec. 22, 2014), final 80 FR 11580 (Mar. 4, 2015).

Tennessee:

Chattanooga, proposed 80 FR 16331 (Mar. 27, 2015), final 80 FR 68253 (Nov. 4, 2015).

Knoxville, proposed 82 FR 24636 (May 30, 2017), final 82 FR 40953 (Aug. 29, 2017).

West Virginia:

Charleston, proposed 79 FR 4121 (Jan. 24, 2014), final 79 FR 17884 (Mar. 31, 2014).

Huntington-Ashland, proposed 77 FR 68076 (Nov. 15, 2012), final 77 FR 76415 (Dec. 28, 2012).

Martinsburg-Hagerstown, proposed 79 FR 25540 (May 5, 2014), final 79 FR 70099 (Nov. 25, 2014).

Parkersburg-Marietta, proposed 77 FR 73560 (Dec. 11, 2012), final 78 FR 56168 (Sept. 12, 2013).

Steubenville-Weirton, proposed 78 FR 73769 (Dec. 9, 2013), final 79 FR 15019 (Mar. 18, 2014).

Wheeling, proposed 77 FR 73575 (Dec. 11, 2012), final 78 FR 59841 (Sept. 30, 2013).

IV. Areas redesignated to attainment of the 2006 PM_{2.5} NAAQS

Alabama:

Birmingham, proposed 76 FR 70091 (Nov. 10, 2011), final 78 FR 5306 (Jan. 25, 2013).

Connecticut:

New York-N. New Jersey-Long Island, proposed 78 FR 43096 (July 19, 2013), final 78 FR 58467 (Sept. 24, 2013).

Michigan:

Detroit-Ann Arbor, proposed 78 FR 39654 (July 2, 2013), final 78 FR 53272 (Aug. 29, 2013).

New Jersey:

New York-N. New Jersey-Long Island and Philadelphia-Wilmington, proposed 78 FR 38648 (June 27, 2013), final 78 FR 54396 (Sept. 4, 2013).

Ohio:

Canton-Massillon, proposed 78 FR 48087 (Aug. 7, 2013), final 78 FR 62459 (Oct. 22, 2013).

Cleveland-Akron-Lorain, proposed 78 FR 45116 (July 26, 2013), final 78 FR 57270 (Sept. 18, 2013).

Steubenville-Weirton, proposed 78 FR 41752 (July 11, 2013), final 78 FR 57273 (Sept. 18, 2013).

Pennsylvania:

Allentown, proposed 80 FR 6019 (Feb. 4, 2015), final 80 FR 19548 (Apr. 13, 2015).

Harrisburg-Lebanon-Carlisle-York, proposed 79 FR 62389 (Oct. 17, 2014), final 79 FR 72552 (Dec. 8, 2014).

Johnstown, proposed 80 FR 22672 (Apr. 23, 2015), final 80 FR 42046 (July 16, 2015).

Lancaster, proposed 80 FR 24874 (May 1, 2015), final 80 FR 42050 (July 16, 2015).

Philadelphia-Wilmington, proposed 80 FR 8254 (Feb. 17, 2015), final 80 FR 22112 (Apr. 21, 2015).

Pittsburgh-Beaver Valley, proposed 80 FR 28906 (May 20, 2015), final 80 FR 59624 (Oct. 2, 2015).

Tennessee:

Knoxville-Sevierville-La Follette, proposed 82 FR 24621 (May 30, 2017), final 82 FR 40718 (Aug. 28, 2017).

West Virginia:

Charleston, proposed 79 FR 4121 (Jan. 24, 2014), final 79 FR 17884 (Mar. 31, 2014).

Steubenville-Weirton, proposed 78 FR 73769 (Dec. 9, 2013), final 79 FR 15019 (Mar. 18, 2014).