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May 13, 2016

Ms. Beverly Banister, Director
Air, Pesticides, and Toxics Management Division
U.S. EPA, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303

RE: Submittal of a State Implementation Plan Revision for Kentucky relating to the 2008 8-hour ozone National Ambient Air Quality Standards (NAAQS)

Dear Ms. Banister,

The Kentucky Division for Air Quality (Division) respectfully submits a proposed revision to Kentucky's State Implementation Plan (SIP) in accordance with 40 CFR 51.102(d)(3). Kentucky is seeking approval to redesignate the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN nonattainment area, as attainment for the 2008 8-hour ozone NAAQS.

As required by 40 CFR 51.102, a public hearing notice, which indicates the time and location of a public hearing to receive comments on this SIP revision, is enclosed. Your consideration of this request is greatly appreciated. If you have any questions or comments concerning this matter, please contact Ms. Melissa Duff, Program Planning Manager for the Division for Air Quality, at (502) 564-3999.

Sincerely,

Sean Alteri
Director

SA/lmp
Cc: Scott Davis, EPA Region 4
Lynorae Benjamin, EPA Region 4

REQUEST TO REDESIGNATE KENTUCKY COUNTIES
LOCATED WITHIN THE

CINCINNATI-HAMILTON, OH-KY-IN 8-HOUR OZONE NONATTAINMENT AREA

Prepared by:
Kentucky Energy and Environment Cabinet
Division for Air Quality

May 2016

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CHAPTER ONE
Introduction

On March 27, 2008, the Environmental Protection Agency (EPA) promulgated a revised National Ambient Air Quality Standard (NAAQS) for the 8-hour ozone standard, which went into effect May 27, 2008 (73 FR 16436). Both the primary and secondary standards were lowered from the previous standard of 0.080 to 0.075 parts per million (ppm). The primary standard provides public health protection, while the secondary standard provides public welfare protection, including protection against decreased visibility and damage to animals, crops, vegetation, and building.

The final area designations were published on May 21, 2012 and became effective July 20, 2012 (77 FR 30088). The Cincinnati-Hamilton, OH-KY-IN area, which includes portions of Kentucky, Ohio and Indiana, was designated as marginal nonattainment for the 2008 8-hour ozone NAAQS. A portion of Boone, Campbell, and Kenton Counties, Kentucky are included in the nonattainment area. A map of the nonattainment area is located at Figure 1, Chapter Three, depicting the final designated areas.

The Clean Air Act (CAA) requires each state with areas failing to meet the 8-hour ozone NAAQS to develop State Implementation Plans (SIP) to expeditiously attain and maintain the standard. Under Section 181(a)(1) of the CAA, Kentucky's marginal classification requires that the Cincinnati-Hamilton, OH-KY-IN area attain the standard within three years of the final designations effective date (July 20, 2012), establishing a due date of July 20, 2015 for attainment.

The current design value of the ambient monitoring data for the Cincinnati-Hamilton, OH-KY-IN nonattainment area measures 0.075 ppm, based on data collected from 2012 through 2014 (Please refer to Chapter Three). This design value supports Kentucky's request to EPA to redesignate the Kentucky portions of the Cincinnati-Hamilton, OH-KY-IN area from nonattainment to attainment. In addition, the states of Ohio and Indiana submitted requests to redesignate to their respective portions of the Cincinnati-Hamilton, OH-KY-IN nonattainment area to attainment.

Pursuant to Section 107(d)(3)(E) of the CAA, states may request nonattainment areas to be redesignated to attainment, provided specific criteria are met. The following criteria must be met in order for an area to be redesignated from nonattainment to attainment:

1. The Administrator determines that the area has attained the ozone standard. (CAA Section 107(d)(3)(E)(i))
2. The Administrator has fully approved the applicable implementation plan for the area under Section 110(k). (CAA Section 107(d)(3)(E)(ii))
3. The Administrator determines that the improvement in air quality is due to permanent and enforceable reductions in emissions resulting from implementation of the SIP, federal requirements, and other permanent and enforceable reductions. (CAA Section 107(d)(3)(E)(iii))
4. The Administrator has fully approved a maintenance plan, including a

contingency plan, under Section 175A. (CAA Section 107(d)(3)(E)(iv))

5. The state has met all requirements under Section 110 and Part D of Title I of the Act. (CAA Section 107(d)(3)(E)(v))

Chapter Two discusses each of the required criteria, with a detailed analysis provided in subsequent chapters.

CHAPTER TWO
Requirements for Redesignation

This redesignation request was prepared in accordance with CAA Section 107(d)(3)(E). A summary of each redesignation criterion, as it applies to the Cincinnati-Hamilton, OH-KY-IN nonattainment area, follows.

1. Attainment of the standard (CAA Section 107(d)(3)(E)(i))

The state must demonstrate to the Administrator that the area is attaining the applicable NAAQS by providing 3 years of clean ambient air quality data. The data should be the product of ambient monitoring that represents the area of highest concentration. The data should be collected and quality-assured in accordance with 40 CFR 58 and recorded in EPA's Air Quality System (AQS) database for it to be available to the public for review. Pursuant to 40 CFR 50.15(b), the 8-hour primary and secondary ozone ambient air quality standards are met at an ambient air monitoring site when the 3-year average of the annual fourth-highest daily maximum 8-hour average ozone concentration is less than or equal to 0.075 ppm, as determined in accordance with 40 CFR 50, Appendix P.

Demonstration: The current design value of the ambient monitoring data for the Cincinnati-Hamilton, OH-KY-IN area measures 0.075 ppm, based on data collected from 2012 through 2014 (please refer to Chapter Three). Chapter Four provides the emissions inventory portion of this submittal, which demonstrates that NOx and VOC emissions decline over time and that these reductions are due to permanent and enforceable emission reductions.

2. Approved SIP for the area under CAA Section 110(k) (CAA Section 107(d)(3)(E)(ii))

The SIP for the area must be fully approved under section 110(k), and must satisfy all requirements that apply to the area.

Demonstration: Kentucky submitted a final SIP documenting the CAA requirements of Section 110(a) infrastructure provisions for the 2008 8-hour ozone NAAQS on July 17, 2012. On March 7, 2013[1] EPA took final action to approve the infrastructure elements, conditionally approve the prevention of significant deterioration (PSD) requirements, and disapprove the interstate transport requirements. Kentucky revised the New Source Review (NSR), PSD, and Nonattainment New Source Review (NNSR) regulations on January 31, 2013 and EPA converted the conditional approval related to PSD infrastructure requirements to full approval under the CAA on November 3, 2014[2].

In final actions to redesignate both the Knoxville, TN[3] and Charlotte-Rock Hill, NC[4] 2008 8-hour Ozone nonattainment areas, EPA determined that it is not necessary to have the interstate

[1] 78 FR 14681 *Approval and Promulgation of Implementation Plans; Kentucky; 110(a)(1) and (2) Infrastructure Requirements for the 2008 8-Hour Ozone National Ambient Air Quality Standards*
[2] 79 FR 65143 *Approval and Promulgation of Implementation Plans; Commonwealth of Kentucky: New Source Review*
[3] 80 FR 29237 *Approval and Promulgation of Implementation Plans and Designation of Areas for Air Quality Planning Purposes; Tennesee; Redesignation of the Knoxville 2008 8-Hour Ozone Nonattainment Area to Attainment*

transport requirements approved in order for an area to be redesignated to attainment. "EPA believes that the requirements linked with a particular nonattainment area's designation and classifications are the relevant measures to evaluate in reviewing a redesignation request. The transport SIP submittal requirements, where applicable, continue to apply to a state regardless of the designation of any one particular area in the state. Thus, EPA does not believe that the CAA's interstate transport requirements should be construed to be applicable requirements for purposes of redesignation."[5] Therefore, Kentucky meets the requirements of CAA 107(d)(3)(E)(ii) and requests redesignation of the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN nonattainment area to attainment.

3. <u>Permanent and enforceable improvement in air quality (CAA Section 107(d)(3)(E)(iii))</u>

The state must be able to reasonably attribute the improvement in air quality to emission reductions which are permanent and enforceable. The state should estimate the percent reduction achieved from federal measures, as well as control measures that have been adopted and implemented by the state.

Demonstration: Chapter Four discusses this requirement in more detail and provides the demonstration.

4. **<u>Maintenance plans (CAA Section 107(d)(3)(E)(iv))</u>**

Section 107(d)(3)(E) requires that for an area to be redesignated, EPA must fully approve a maintenance plan that meets the requirements of CAA Section 175A. The maintenance plan constitutes a SIP revision and must provide for maintenance of the relevant NAAQS in the area for at least ten years after redesignation, along with a commitment to review the plan. Section 175A also requires that the plan shall contain additional measures, if any, as may be necessary to ensure such maintenance with the standard.

The maintenance plan shall also contain such contingency measures, as the Administrator deems necessary, to ensure prompt correction of any violation of the NAAQS. At a minimum, the contingency measures must include a requirement that the state will implement all measures contained in the nonattainment SIP prior to redesignation.

Demonstration: States seeking approval of a maintenance plan for a nonattainment area should consider the following provisions:

- attainment inventory (Chapter Four contains the discussion and demonstration);
- maintenance demonstration (Chapter Four contains the discussion and demonstration);
- monitoring network (Chapter Three contains the discussion and demonstration);
- verification of continued attainment (Chapter Four contains the discussion and demonstration); and

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[4] 80 FR 29250 *Approval and Promulgation of Implementation Plans and Designation of Areas; North Carolina; Redesignation of the Charlotte-Rock Hill, 2008 8-Hour Ozone Nonattainment Area to Attainment*

[5] 80 FR 29242 *Approval and Promulgation of Implementation Plans and Designation of Areas for Air Quality Planning Purposes; Tennessee; Redesignation of the Knoxville 2008 8-Hour Ozone Nonattainment Area to Attainment; Proposed Rule*

- contingency plan (Chapter Six contains the discussion and demonstration).

5. Section 110 and Part D requirements (CAA Section 107(d)(3)(E)(v))

For purposes of redesignation, a state must meet all requirements of Section 110 *State Implementation Plans for National Primary and Secondary Ambient Air Quality Standards* and Part D *Plan Requirements for Nonattainment Areas* that were applicable prior to submittal of the complete redesignation request.

Demonstration: This document demonstrates that the Kentucky portion of the Cincinnati, OH-KY-IN 2008 8-hour ozone nonattainment area meets the requirements of CAA Section 110 and Part D, and therefore, is eligible to be redesignated to attainment.

CHAPTER THREE
Ozone Monitoring

This chapter provides detailed information demonstrating that Kentucky meets the requirements of CAA Section 107(d)(3)(E)(i).

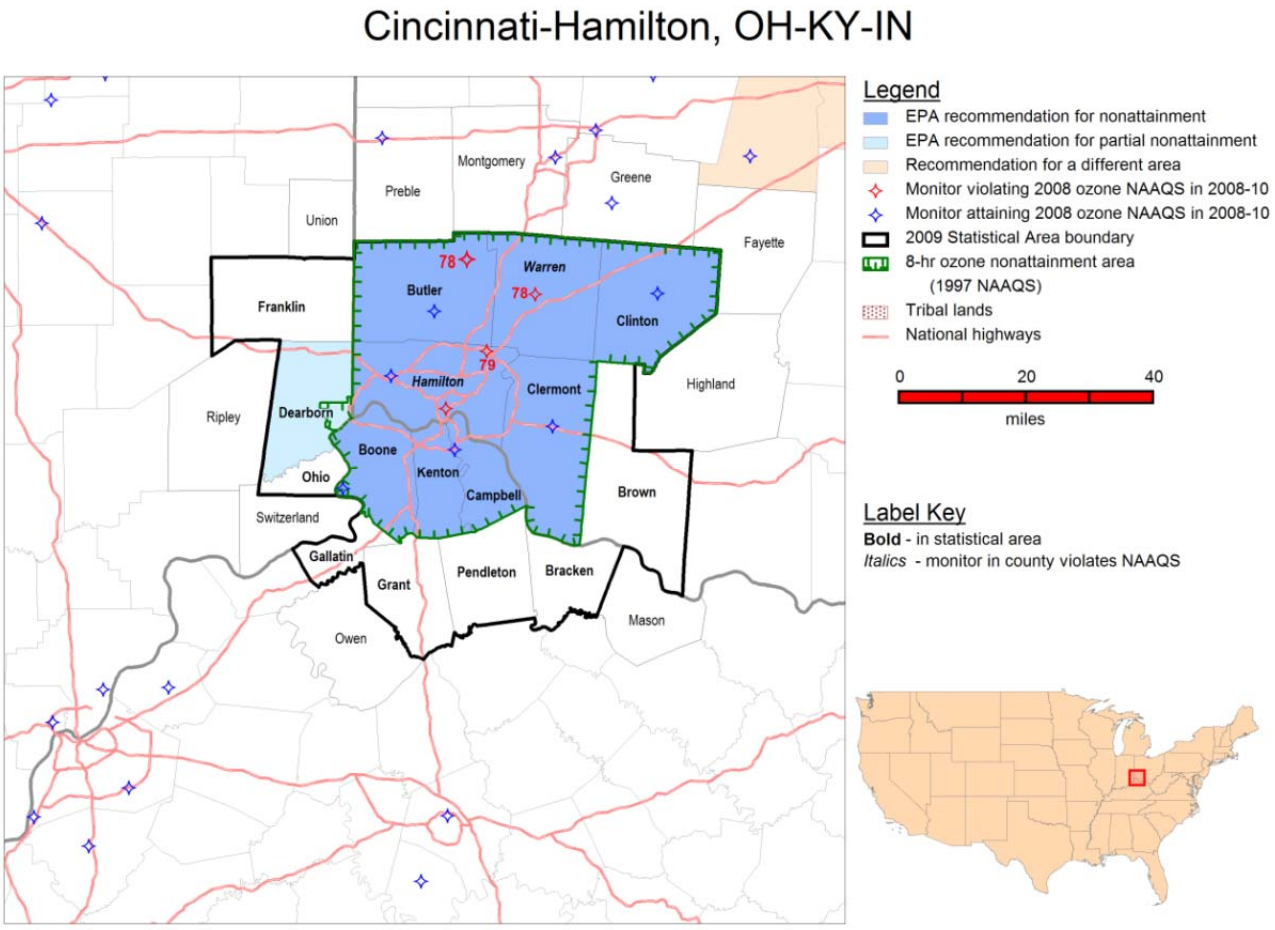
Requirement 1 of 4
A demonstration that the 2008 8-hour Ozone NAAQS, as established in 40 CFR 50.15, has been attained.

Demonstration: The 8-hour Ozone NAAQS are met at an ambient air quality monitoring site when the three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentrations is less than or equal to 0.075 ppm. When this occurs, the site is said to be in attainment.

Currently, there are two ambient air monitors that measure ozone concentrations located within the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN nonattainment area: one in Boone County and one in Campbell County. The 8-hour ozone data collected from 2012-2014 for the two monitors results in a three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentrations of 0.065 ppm and 0.071 ppm, respectively. Each of these design values are below the 0.075 ppm standard. Therefore, the data demonstrates that the Kentucky portions of the nonattainment area are in attainment.

The 8-hour ozone nonattainment designation was based on ambient air quality data collected from 2008 through 2010 that exceeded the 2008 Ozone NAAQS of 0.075 ppm. Although the two monitors in Kentucky's portion of the area were not violating the 8-hr ozone NAAQS, Boone, Campbell and Kenton counties were included as part of the Cincinnati-Hamilton, OH-KY-IN nonattainment area. The violating monitors for the MSA were located in Hamilton, Butler, and Warren Counties in Ohio. Current ambient air quality data from all monitoring sites in the MSA are below 0.075 ppm and are attaining the 2008 8-hour ozone NAAQS. Design values for all monitors within the nonattainment area are shown in Table 1.

Figure 1 - Map of the Cincinnati-Hamilton, OH-KY-IN Nonattainment Area and Monitor Locations



Requirement 2 of 4

Ambient air monitoring data that has been quality assured in accordance with 40 CFR 58, Appendix A, is recorded in the EPA Air Quality System (AQS) database, and available for public view. Each state and local agency must develop a quality system to ensure that the monitoring results:

- meet a well-defined need, use, or purpose;
- provide data of adequate quality;
- satisfy stakeholder expectations;
- comply with applicable standards specifications;
- comply with statutory/other requirements of society;
- reflect consideration of cost and economics.

Demonstration: The Division for Air Quality has a quality assurance program which ensures that all ambient air monitoring data collected is accurate and precise; air monitors are audited on a scheduled basis; and data validation is performed monthly. All ambient air monitoring data shown in Table 1 has been quality-assured in accordance with 40 CFR 58, Appendix A and the

data has been recorded into the EPA AQS database. It is anticipated that these monitors will remain at current locations for the foreseeable future. Pursuant to 40 CFR § 58.15, each air monitoring agency must certify the previous year of AQS-submitted data as accurate by May 1 of the following year. On March 31, 2016, the Division submitted a letter to EPA certifying that the 2015 ozone ambient concentration data and the quality assurance data have been completely submitted to AQS. The 2015 ozone quality assured data are shown below in Table 1. This data demonstrates that ozone concentration continue to decline in the area.

Requirement 3 of 4

A showing that the three-year average of the fourth highest values, based on data from all monitoring sites in the area or its affected downwind environs, are below 0.075 ppm. The design value is based on three complete years of ozone monitoring data.

Demonstration: In 2014, the ambient air monitoring data for ozone in the Kentucky portions of Boone, Campbell and Kenton counties of the nonattainment area; the nonattainment portion of Butler, Clermont, Clinton, Hamilton and Warren counties in Ohio; and a portion of Dearborn County, Indiana indicated no further exceedances of the 2008 8-hour standard as seen in Table 1.

Table 1
Annual 4th Maximum High Trend for 8-Hour Ozone
(parts per million)

Site ID	County	2012	2013	2014	2015	2012-2014 Design Value	2013-2015 Design Value
21-015-0003	Boone, KY	0.074	0.059	0.062	0.062	0.065	0.061
21-037-3002	Campbell, KY	0.084	0.072	0.071	0.071	0.075	0.071
39-017-0004	Butler, OH	0.083	0.068	0.070	0.070	0.073	0.069
39-017-0018	Butler, OH	0.084	0.068	0.069	0.070	0.073	0.069
39-017-9991	Butler, OH	0.085	0.069	0.069	0.068	0.074	0.068
39-025-0022	Clermont, OH	0.091	0.066	0.068	0.070	0.075	0.068
39-027-1002	Clinton, OH	0.086	0.064	0.070	0.070	0.073	0.068
39-061-0006	Hamilton, OH	0.087	0.069	0.070	0.072	0.075	0.070
39-061-0010	Hamilton, OH	0.083	0.064	0.073	0.070	0.073	0.069
39-061-0040	Hamilton, OH	0.082	0.069	0.069	0.071	0.073	0.069
39-165-0007	Warren, OH	0.080	0.067	0.071	0.071	0.072	0.069

Requirement 4 of 4

A commitment that once redesignated, the state will continue to operate an appropriate monitoring network to verify the maintenance of the attainment status.

Demonstration: Kentucky will continue to operate an ambient air quality monitoring network consistent with the network plan and assessments required by 40 CFR 58.10 and 40 CFR 58, Appendix D. Any modification to the network will be conducted in accordance with 40 CFR 58.14. As required by 40 CFR 58.16, all data collected will be recorded in the AQS database and will therefore be available to the public.

CHAPTER FOUR
Emission Inventory

This chapter discusses the emissions inventory portion of this submittal and demonstrates that Kentucky meets the requirements of CAA Section 107(d)(3)(E)(iii).

Pursuant to the CAA, a demonstration must show that the improvement in air quality between the year that violations occurred and the year that attainment was achieved is based on permanent and enforceable emission reductions. To verify the emission reductions, Kentucky is submitting a comprehensive inventory of ozone precursor emissions (VOC and NOx) representative of the year when the area achieves attainment of the 8-hour ozone air quality standard (2014). Other emission inventory related information includes a projection of the emission inventory to a year at least 10 years following redesignation; a demonstration that the projected level of emissions is sufficient to maintain the 8-hour ozone standard; and a commitment to provide future updates of the inventory to enable tracking of emission levels during the 10-year maintenance period.

Air, Non-road and Area sources were provided by Indiana Department of Environmental Management (IDEM). Ohio-Kentucky-Indiana Regional Council of Governments (OKI) provided the On-road emissions inventory. IDEM, OKI, Ohio EPA, and Kentucky DAQ had frequent communication and consultation to guarantee the emissions within the nonattainment area are accurately portrayed and consistent among all three States.

Requirement 1 of 4
A comprehensive emission inventory of ozone completed for the base year and a projection of the emission inventory to a year at least 10 years following redesignation.

Demonstration:
In accordance with sections 172(c)(3) and 182(a)(1) of the CAA an emissions inventory was prepared to show base year (2011) NOx and VOC emissions in the Cincinnati-Hamilton, OH-KY-IN nonattainment area. The 2011 base year inventory represents a comprehensive, accurate, and current inventory of actual emissions from all sources of the relevant pollutants in the 2008 8-hour ozone nonattainment area. To demonstrate that emissions are sufficient to maintain the NAAQS, the emissions inventory has been projected for the years 2014, 2017, 2020, 2025 and 2030. For the attainment year, 2014 was selected since the design value for the 2012-2014 period shows attainment of the 2008 8-hour ozone NAAQS.

The emissions inventory is broken down into six emission categories: EGU, Non-EGU, Air, Non-road, Area and On-road. The emission totals for the Kentucky portion of the nonattainment area are partial county totals for all emission categories with the exception of Air. Using 2014 as the attainment year, the subsequent years were chosen at appropriate intervals and project maintenance for at least a 10-year period. The following sections describe how data for each emission category was obtained and used. Documentation detailing the method for projecting emissions is included in Appendix E.

Point Sources

Kentucky used actual 2011 EGU, Non-EGU emissions for point sources since 2014 data was not available at the time. The point source emissions inventory is located in Appendix C, while the projection methodology can be found in Appendix E. The EGU and Non-EGU sources represent partial county totals while the Air sources represent entire county totals. The Air emission totals outside of the nonattainment area were negligible therefore Kentucky decided to include them with the nonattainment area totals. For Boone, Campbell, and Kenton Counties, EGU and non-EGU facilities were first identified within the applicable Census Tracts of the nonattainment area. There are a total of 21 facilities located within the designated Census Tract boundaries, as summarized below in Table 2. Projections are based on a multi-step process described in Appendix E.

TABLE 2
POINT SOURCE FACILITIES IN NORTHERN KENTUCKY – OZONE REDESIGNATION REQUEST

Kentucky County	Number of EGU & non-EGU Source Facilities
Boone	17
Campbell	2
Kenton	2
TOTAL	**21**

Mobile Sources

Emissions for the base year, the attainment year, and all interim years for highway mobile were developed by Ohio-Kentucky-Indiana Regional Council of Governments (OKI) using EPA's MOVES 2014 mobile source emissions model. OKI is the metropolitan planning organization for the Greater Cincinnati area. The technical support document is provided in Appendix D.

Area Sources/Non-Highway Mobile Sources

The Indiana Department of Environmental Management (IDEM) provided area and nonroad emissions data for the entire nonattainment area for 2011, 2014, 2017, 2020, 2025, and 2030. Since these county emission totals represented entire counties, and only portions of the Kentucky counties are designated as nonattainment, specific area percentages were applied to the Kentucky counties. Table 3 below summarizes the county area percentages that were used to estimate the area and non-highway mobile emissions for Kentucky.

TABLE 3
COUNTY AREA PERCENTAGES FOR NORTHERN KENTUCKY OZONE NONATTAINMENT AREA
AREA AND NON-HIGHWAY MOBILE SOURCES

Kentucky County	Area Percentage
Boone	57%
Campbell	56%
Kenton	54%
Percentages were obtained by using the measurement function in Google Earth.	

The application of these percentages to the total county emissions provided by IDEM for area and non-highway mobile emission sources resulted in the representation of emissions from the applicable Census Tracts.

Requirement 2 of 4
A demonstration that the projected level of emissions is sufficient to maintain the ozone standard.

Maintenance is demonstrated either by showing that future levels of ozone will not exceed the level of the attainment inventory, or by modeling to show that the future mix of sources and emission rates will not cause a violation of the NAAQS.

A maintenance demonstration should also include a listing of all ozone control measures being implemented in the area by sector (See Chapter Five).

Demonstration: A maintenance demonstration requires a comparison of the projected emissions inventory with the baseline inventory. If the projected emissions remain at or below the baseline emissions, there is a demonstration of maintenance. If, however, the projected emissions are above the baseline, then additional measures are required to ensure the projected emissions will remain at or below the baseline emissions. The baseline inventory and annual projections for all pollutant sources can be found in Appendix C.

Tables 4 through 23 detail the projected emissions through 2030 for all counties within the Cincinnati-Hamilton, OH-KY-IN nonattainment area. The 2030 projected emission totals (VOC and NOx) for Boone, Campbell and Kenton Counties' are below the 2011 emissions totals, thus demonstrating continued maintenance of the 8-hour ozone standard.

Table 4
Boone County, Kentucky 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Boone					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.16	0.16	0.16	0.16	0.16	0.16
Non-EGU	1.57	1.57	1.57	1.57	1.57	1.57
Air	0.42	0.42	0.44	0.45	0.26	0.06
Non-road	1.49	1.30	1.12	1.03	0.97	0.92
Area	2.66	2.56	2.46	2.41	2.38	2.36
On-road	3.30	2.53	1.96	1.38	1.08	0.77
TOTAL	**9.60**	**8.54**	**7.71**	**7.00**	**6.42**	**5.84**

Table 5
Campbell County, Kentucky 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Campbell					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.00	0.00	0.00	0.00	0.00	0.00
Non-EGU	0.22	0.22	0.22	0.22	0.22	0.21
Air	0.00	0.00	0.00	0.00	0.00	0.00
Non-road	0.40	0.34	0.28	0.25	0.24	0.22
Area	1.29	1.26	1.23	1.22	1.21	1.19
On-road	2.05	1.58	1.22	0.86	0.67	0.48
TOTAL	**3.82**	**3.26**	**2.80**	**2.40**	**2.19**	**1.96**

Table 6
Kenton County, Kentucky 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Kenton					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.00	0.00	0.00	0.00	0.00	0.00
Non-EGU	0.51	0.51	0.50	0.49	0.48	0.47
Air	0.00	0.00	0.00	0.00	0.00	0.00
Non-road	0.62	0.55	0.48	0.47	0.48	0.50
Area	2.51	2.43	2.35	2.31	2.28	2.25
On-road	3.12	2.39	1.85	1.30	1.02	0.73
TOTAL	**6.71**	**5.82**	**5.13**	**4.52**	**4.21**	**3.90**

Table 7
Butler County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Butler					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.03	0.02		0.02		0.02
Non-EGU	3.06	2.94		2.96		2.98
Air	0.03	0.03		0.03		0.01
Non-road	2.93	2.61		2.23		2.43
Area	9.59	9.51		9.38		9.31
On-road	10.21	7.59		4.79		2.88
TOTAL	**25.85**	**22.70**		**19.41**		**17.63**

Table 8
Clermont County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Clermont					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.28	0.22		0.31		0.43
Non-EGU	0.21	0.41		0.20		0.21
Air	0.01	0.01		0.01		0.00
Non-road	1.95	1.73		1.43		1.46
Area	5.41	5.36		5.28		5.20
On-road	6.27	4.66		2.94		1.77
TOTAL	**14.13**	**12.39**		**10.17**		**9.07**

Table 9
Clinton County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Clinton					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.00	0.00		0.00		0.00
Non-EGU	0.00	0.01		0.00		0.01
Air	0.01	0.01		0.01		0.00
Non-road	0.84	0.71		0.51		0.42
Area	2.49	2.51		2.54		2.61
On-road	2.27	1.53		0.93		0.71
TOTAL	**5.61**	**4.77**		**3.99**		**3.75**

Table 10
Hamilton County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Hamilton					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.26	0.28		0.19		0.24
Non-EGU	2.36	2.45		2.35		2.38
Air	0.04	0.04		0.04		0.00
Non-road	7.44	6.54		5.42		5.87
Area	21.88	21.66		21.30		21.01
On-road	28.09	20.88		13.18		7.92
TOTAL	**60.07**	**51.85**		**42.48**		**37.42**

Table 11
Warren County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Warren					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.00	0.00		0.00		0.00
Non-EGU	0.62	0.51		0.60		0.58
Air	0.01	0.01		0.01		0.00
Non-road	2.12	1.93		1.54		1.51
Area	5.71	5.66		5.59		5.52
On-road	8.21	6.10		3.85		2.32
TOTAL	**16.67**	**14.21**		**11.59**		**9.93**

Table 12
Dearborn County, Indiana 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC	Dearborn					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.27	0.17		0.05		0.05
Non-EGU	4.01	5.37		4.01		4.01
Air	0.00	0.00		0.00		0.00
Non-road	0.42	0.36		0.29		0.27
Area	1.75	1.75		1.77		1.85
On-road	0.86	0.64		0.40		0.24
TOTAL	**7.31**	**8.29**		**6.52**		**6.42**

Table 13
Cincinnati OH-KY-IN Area 2008 8-Hour Ozone Nonattainment Area
Projected VOC Emissions
(Tons per Day)

VOC				
County	**2011**	**2014**	**2020**	**2030**
Boone	9.60	8.54	7.00	5.84
Campbell	3.82	3.26	2.40	1.96
Kenton	6.71	5.82	4.52	3.90
Butler	25.85	22.70	19.41	17.63
Clermont	14.13	12.39	10.17	9.07
Clinton	5.61	4.77	3.99	3.75
Hamilton	60.07	51.85	42.48	37.42
Warren	16.67	14.21	11.59	9.93
Dearborn	7.31	8.29	6.52	6.42
TOTAL	**149.77**	**131.83**	**108.08**	**95.92**

Table 14
Boone County, Kentucky 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	**Boone**					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	7.04	7.23	7.46	7.71	7.96	8.33
Non-EGU	0.16	0.14	0.15	0.15	0.18	0.18
Air	2.03	2.07	2.18	2.29	1.29	0.29
Non-road	1.06	0.88	0.70	0.60	0.49	0.38
Area	0.43	0.43	0.43	0.43	0.44	0.44
On-road	6.90	5.46	3.94	2.41	1.73	1.05
TOTAL	**17.61**	**16.21**	**14.86**	**13.59**	**12.08**	**10.67**

Table 15
Campbell County, Kentucky 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	Campbell					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.00	0.00	0.00	0.00	0.00	0.00
Non-EGU	0.17	0.17	0.17	0.17	0.17	0.17
Air	0.00	0.00	0.00	0.00	0.00	0.00
Non-road	0.38	0.32	0.26	0.23	0.19	0.15
Area	0.49	0.49	0.49	0.49	0.49	0.49
On-road	4.30	3.41	2.46	1.50	1.08	0.65
TOTAL	**5.34**	**4.39**	**3.38**	**2.39**	**1.93**	**1.46**

Table 16
Kenton County, Kentucky 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	Kenton					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.00	0.00	0.00	0.00	0.00	0.00
Non-EGU	0.01	0.01	0.01	0.01	0.01	0.01
Air	0.00	0.00	0.00	0.00	0.00	0.00
Non-road	0.77	0.64	0.51	0.43	0.35	0.27
Area	1.02	1.02	1.02	1.02	1.02	1.02
On-road	6.53	5.17	3.73	2.28	1.64	0.99
TOTAL	**8.32**	**6.83**	**5.26**	**3.73**	**3.01**	**2.28**

Table 17
Butler County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	Butler					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	1.12	0.96		0.22		0.26
Non-EGU	9.55	11.74		9.55		9.57
Air	0.02	0.02		0.02		0.00
Non-road	4.27	3.39		2.03		1.16
Area	4.78	4.78		4.78		4.79
On-road	12.24	8.85		4.74		2.44
TOTAL	**31.98**	**29.74**		**21.34**		**18.22**

Table 18
Clermont County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	Clermont					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	43.41	41.17		31.18		31.18
Non-EGU	0.14	0.03		0.14		0.14
Air	0.00	0.00		0.00		0.00
Non-road	2.27	1.81		1.11		0.63
Area	1.14	1.14		1.14		1.15
On-road	7.52	5.44		2.91		1.50
TOTAL	**54.48**	**49.59**		**36.48**		**34.60**

Table 19
Clinton County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	Clinton					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.00	0.00		0.00		0.00
Non-EGU	0.00	0.00		0.00		0.00
Air	0.00	0.00		0.00		0.00
Non-road	1.15	0.96		0.64		0.29
Area	0.52	0.52		0.52		0.53
On-road	4.53	3.51		1.86		1.28
TOTAL	**6.20**	**4.99**		**3.02**		**2.10**

Table 20
Hamilton County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	Hamilton					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	17.72	17.46		10.15		10.15
Non-EGU	8.57	4.19		8.58		8.60
Air	0.02	0.02		0.02		0.00
Non-road	8.56	6.76		4.06		2.59
Area	10.09	10.08		10.08		10.10
On-road	33.69	24.37		13.05		6.71
TOTAL	**78.65**	**62.88**		**45.94**		**38.15**

Table 21
Warren County, Ohio 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	Warren					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	0.00	0.00		0.00		0.00
Non-EGU	1.55	0.96		1.54		1.54
Air	0.00	0.00		0.00		0.00
Non-road	3.24	2.55		1.50		0.78
Area	1.66	1.66		1.66		1.67
On-road	9.84	7.12		3.81		1.96
TOTAL	**16.29**	**12.29**		**8.51**		**5.95**

Table 22
Dearborn County, Indiana 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx	Dearborn					
Sector	**2011**	**2014**	**2017**	**2020**	**2025**	**2030**
EGU	15.08	10.60		0.26		0.26
Non-EGU	2.71	1.14		2.70		2.70
Air	0.00	0.00		0.00		0.00
Non-road	0.53	0.44		0.30		0.18
Area	0.47	0.47		0.48		0.48
On-road	1.03	0.74		0.40		0.21
TOTAL	**19.82**	**13.39**		**4.14**		**3.83**

Table 23
Cincinnati OH-KY-IN Area 2008 8-Hour Ozone Nonattainment Area
Projected NOx Emissions
(Tons per Day)

NOx				
County	**2011**	**2014**	**2020**	**2030**
Boone	17.61	16.21	13.59	10.67
Campbell	5.34	4.39	2.39	1.46
Kenton	8.32	6.83	3.73	2.28
Butler	31.98	29.74	21.34	18.22
Clermont	54.48	49.59	36.48	34.60
Clinton	6.20	4.99	3.02	2.10
Hamilton	78.65	62.88	45.94	38.15
Warren	16.29	12.29	8.51	5.95
Dearborn	19.82	13.39	4.14	3.83
TOTAL	**238.69**	**200.31**	**139.14**	**117.26**

Safety Margin

The transportation conformity regulation, 40 CFR Part 93, Subpart A, *Conformity to State or Federal Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded or Approved under Title 23 U.S.C. or the Federal Transit Laws*, requires that mobile source emissions submitted or approved to a state's SIP be used in determining conformity of transportation plans for the area. This regulation also allows the addition of a safety margin to the mobile emissions budgets. Per 40 CFR 93.101, the safety margin is defined as "the amount by which the total projected emissions from all sources of a given pollutant are less than the total emissions that would satisfy the applicable requirement for reasonable further progress, attainment or maintenance."

In estimating safety margins, the calculation methodology involves two steps. These calculations are illustrated using a county example, 2020 VOC emissions for Boone County.

STEP #1: CALCULATING SAFETY MARGIN

(2014 Attainment VOC Total – 2020 VOC Total) x Safety Margin as Requested by OKI

= 2020 VOC Safety Margin

(8.54 tons per day (tpd) – 7.00 tpd) x 15% = 2020 VOC Safety Margin

= **0.23 tpd VOC Safety Margin**

The same calculation for VOC is performed for the two other Kentucky counties: Campbell and Kenton Counties. Combined together, the three county-level VOC safety margins are the total VOC safety margin for the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN 2008 8-hour ozone nonattainment area. Identical calculations are also performed to determine the safety margin for NOx.

STEP #2: CALCULATING BUDGET WITH SAFETY MARGIN

2020 VOC Mobile + 2020 Safety Margin = 2020 VOC Budget with Safety Margin

= 1.38 tpd VOC + 0.23 tpd VOC = 2020 VOC Budget with Safety Margin

= **1.61 tpd VOC Budget with Safety Margin**

The same calculation for VOC is performed for the two other Kentucky counties: Campbell and Kenton Counties. Combined together, the three county-level VOC budget with safety margins are the total VOC budget with safety margin for the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN 2008 8-hour ozone nonattainment area. Identical calculations are also performed to determine the NOx budget with safety margins for the area.

Tables 24 through 41 show a summary of the projected emissions with the corresponding safety margins.

Table 24
Boone County 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Boone						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.16	0.16	0.16	0.16	0.16	0.16		
Non-EGU	1.57	1.57	1.57	1.57	1.57	1.57		
Air	0.42	0.42	0.44	0.45	0.26	0.06		
Non-road	1.49	1.30	1.12	1.03	0.97	0.92		
Area	2.66	2.56	2.46	2.41	2.38	2.36		
On-road	3.30	2.53	1.96	1.38	1.08	0.77		
TOTAL	**9.60**	**8.54**	**7.71**	**7.00**	**6.42**	**5.84**	**1.61**	**1.18**

Table 25
Campbell County 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Campbell						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.00	0.00	0.00	0.00	0.00	0.00		
Non-EGU	0.22	0.22	0.22	0.22	0.22	0.21		
Air	0.00	0.00	0.00	0.00	0.00	0.00		
Non-road	0.40	0.34	0.28	0.25	0.24	0.22		
Area	1.29	1.26	1.23	1.22	1.21	1.19		
On-road	2.05	1.58	1.22	0.86	0.67	0.48		
TOTAL	**3.82**	**3.26**	**2.80**	**2.40**	**2.19**	**1.96**	**0.99**	**0.68**

Table 26
Kenton County 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Kenton						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.00	0.00	0.00	0.00	0.00	0.00		
Non-EGU	0.51	0.51	0.50	0.49	0.48	0.47		
Air	0.00	0.00	0.00	0.00	0.00	0.00		
Non-road	0.62	0.55	0.48	0.47	0.48	0.50		
Area	2.51	2.43	2.35	2.31	2.28	2.25		
On-road	3.12	2.39	1.85	1.30	1.02	0.73		
TOTAL	**6.71**	**5.82**	**5.13**	**4.52**	**4.21**	**3.90**	**1.50**	**1.02**

Table 27
Butler County, Ohio 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Butler						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.03	0.02		0.02		0.02		
Non-EGU	3.06	2.94		2.96		2.98		
Air	0.03	0.03		0.03		0.01		
Non-road	2.93	2.61		2.23		2.43		
Area	9.59	9.51		9.38		9.31		
On-road	10.21	7.59		4.79		2.88		
TOTAL	**25.85**	**22.70**		**19.41**		**17.63**		**5.07**

Table 28
Clermont County, Ohio 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Clermont						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.28	0.22		0.31		0.43		
Non-EGU	0.21	0.41		0.20		0.21		
Air	0.01	0.01		0.01		0.00		
Non-road	1.95	1.73		1.43		1.46		
Area	5.41	5.36		5.28		5.20		
On-road	6.27	4.66		2.94		1.77		
TOTAL	**14.13**	**12.39**		**10.17**		**9.07**		**3.32**

Table 29
Clinton County, Ohio 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Clinton						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.00	0.00		0.00		0.00		
Non-EGU	0.00	0.01		0.00		0.01		
Air	0.01	0.01		0.01		0.00		
Non-road	0.84	0.71		0.51		0.42		
Area	2.49	2.51		2.54		2.61		
On-road	2.27	1.53		0.93		0.71		
TOTAL	**5.61**	**4.77**		**3.99**		**3.75**		**1.02**

Table 30
Hamilton County, Ohio 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Hamilton						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.26	0.28		0.19		0.24		
Non-EGU	2.36	2.45		2.35		2.38		
Air	0.04	0.04		0.04		0.00		
Non-road	7.44	6.54		5.42		5.87		
Area	21.88	21.66		21.30		21.01		
On-road	28.09	20.88		13.18		7.92		
TOTAL	**60.07**	**51.85**		**42.48**		**37.42**		**14.43**

Table 31
Warren County, Ohio 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Warren						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.00	0.00		0.00		0.00		
Non-EGU	0.62	0.51		0.60		0.58		
Air	0.01	0.01		0.01		0.00		
Non-road	2.12	1.93		1.54		1.51		
Area	5.71	5.66		5.59		5.52		
On-road	8.21	6.10		3.85		2.32		
TOTAL	**16.67**	**14.21**		**11.59**		**9.93**		**4.28**

Table 32
Dearborn County, Indiana 2008 8-Hour Ozone Nonattainment Area
VOC Emissions and Projections
(Tons per Day)

VOC	Dearborn						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.27	0.17		0.05		0.05		
Non-EGU	4.01	5.37		4.01		4.01		
Air	0.00	0.00		0.00		0.00		
Non-road	0.42	0.36		0.29		0.27		
Area	1.75	1.75		1.77		1.85		
On-road	0.86	0.64		0.40		0.24		
TOTAL	**7.31**	**8.29**		**6.52**		**6.42**		**1.87**

Table 33
Boone County 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

NOx	Boone						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	7.04	7.23	7.46	7.71	7.96	8.33		
Non-EGU	0.16	0.14	0.15	0.15	0.18	0.18		
Air	2.03	2.07	2.18	2.29	1.29	0.29		
Non-road	1.06	0.88	0.70	0.60	0.49	0.38		
Area	0.43	0.43	0.43	0.43	0.44	0.44		
On-road	6.90	5.46	3.94	2.41	1.73	1.05		
TOTAL	**17.61**	**16.21**	**14.86**	**13.59**	**12.08**	**10.67**	**2.80**	**1.88**

Table 34
Campbell County 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

NOx	Campbell						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.00	0.00	0.00	0.00	0.00	0.00		
Non-EGU	0.17	0.17	0.17	0.17	0.17	0.17		
Air	0.00	0.00	0.00	0.00	0.00	0.00		
Non-road	0.38	0.32	0.26	0.23	0.19	0.15		
Area	0.49	0.49	0.49	0.49	0.49	0.49		
On-road	4.30	3.41	2.46	1.50	1.08	0.65		
TOTAL	**5.34**	**4.39**	**3.38**	**2.39**	**1.93**	**1.46**	**1.80**	**1.09**

Table 35
Kenton County 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

NOx	Kenton						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.00	0.00	0.00	0.00	0.00	0.00		
Non-EGU	0.01	0.01	0.01	0.01	0.01	0.01		
Air	0.00	0.00	0.00	0.00	0.00	0.00		
Non-road	0.77	0.64	0.51	0.43	0.35	0.27		
Area	1.02	1.02	1.02	1.02	1.02	1.02		
On-road	6.53	5.17	3.73	2.28	1.64	0.99		
TOTAL	**8.32**	**6.83**	**5.26**	**3.73**	**3.01**	**2.28**	**2.75**	**1.67**

Table 36
Butler County, Ohio 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

VOC	Butler						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	1.12	0.96		0.22		0.26		
Non-EGU	9.55	11.74		9.55		9.57		
Air	0.02	0.02		0.02		0.00		
Non-road	4.27	3.39		2.03		1.16		
Area	4.78	4.78		4.78		4.79		
On-road	12.24	8.85		4.74		2.44		
TOTAL	**31.98**	**29.74**		**21.34**		**18.22**		**11.52**

Table 37
Clermont County, Ohio 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

VOC	Clermont						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	43.41	41.17		31.18		31.18		
Non-EGU	0.14	0.03		0.14		0.14		
Air	0.00	0.00		0.00		0.00		
Non-road	2.27	1.81		1.11		0.63		
Area	1.14	1.14		1.14		1.15		
On-road	7.52	5.44		2.91		1.50		
TOTAL	**54.48**	**49.59**		**36.48**		**34.60**		**14.99**

Table 38
Clinton County, Ohio 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

VOC	Clinton						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.00	0.00		0.00		0.00		
Non-EGU	0.00	0.00		0.00		0.00		
Air	0.00	0.00		0.00		0.00		
Non-road	1.15	0.96		0.64		0.29		
Area	0.52	0.52		0.52		0.53		
On-road	4.53	3.51		1.86		1.28		
TOTAL	**6.20**	**4.99**		**3.02**		**2.10**		**2.89**

Table 39
Hamilton County, Ohio 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

VOC	Hamilton						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	17.72	17.46		10.15		10.15		
Non-EGU	8.57	4.19		8.58		8.60		
Air	0.02	0.02		0.02		0.00		
Non-road	8.56	6.76		4.06		2.59		
Area	10.09	10.08		10.08		10.10		
On-road	33.69	24.37		13.05		6.71		
TOTAL	**78.65**	**62.88**		**45.94**		**38.15**		**24.73**

Table 40
Warren County, Ohio 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

VOC	Warren						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	0.00	0.00		0.00		0.00		
Non-EGU	1.55	0.96		1.54		1.54		
Air	0.00	0.00		0.00		0.00		
Non-road	3.24	2.55		1.50		0.78		
Area	1.66	1.66		1.66		1.67		
On-road	9.84	7.12		3.81		1.96		
TOTAL	**16.29**	**12.29**		**8.51**		**5.95**		**6.34**

Table 41
Dearborn County, Indiana 2008 8-Hour Ozone Nonattainment Area
NOx Emissions and Projections
(Tons per Day)

VOC	Dearborn						2020	2030
Sector	2011	2014	2017	2020	2025	2030	Budget and Safety Margin	Budget and Safety Margin
EGU	15.08	10.60		0.26		0.26		
Non-EGU	2.71	1.14		2.70		2.70		
Air	0.00	0.00		0.00		0.00		
Non-road	0.53	0.44		0.30		0.18		
Area	0.47	0.47		0.48		0.48		
On-road	1.03	0.74		0.40		0.21		
TOTAL	**19.82**	**13.39**		**4.14**		**3.83**		**9.56**

For 2020, the total safety margin for the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN nonattainment area added to the highway mobile source VOC emissions budget is 0.56 tpd. Also for 2020, the total safety margin for the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN nonattainment area added to the highway mobile source NOx emissions budget is 1.16 tpd.

For 2030, the total safety margin for the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN nonattainment area added to the highway mobile source VOC emissions budget is 0.89 tpd. Also for 2030, the total safety margin for the Kentucky portion of the Cincinnati-Hamilton, OH-KY-IN nonattainment area added to the highway mobile source NOx emissions budget is 1.95 tpd.

A highway mobile emissions summary relating to the total safety margins is provided below in Table 42.

Table 42
Kentucky Portion of the Cincinnati-Hamilton, OH-KY-IN
2008 8-Hour Ozone Nonattainment Area
Mobile Budgets and Safety Margins
(Tons per Day)

Mobile Budget	2011	2014	2020	2030
VOC	8.47	6.50	3.54	1.99
NOx	17.72	14.04	6.20	2.69
Safety Margin				
VOC	N/A	N/A	0.56	0.89
NOx	N/A	N/A	1.16	1.95
Budgets with Margins				
VOC	N/A	N/A	4.10	2.87
NOx	N/A	N/A	7.35	4.64

The addition of the safety margin to the 2020 and 2030 mobile emissions ensure that the total emissions from all sectors do not exceed the emissions for the attainment year, 2014. The additional safety margin amounts do not cause the projected emissions in 2020 and 2030 to exceed the highway mobile source emissions for the year 2014.

The highway mobile source emissions budgets included in Table 42 above will apply to future transportation conformity determinations.

Tables 43 and 44 demonstrate that for the combined area, projected 2030 emissions for all pollutants are less than 2014 attainment year levels.

Table 43
Cincinnati-Hamilton, OH-KY-IN
2008 8-Hour Ozone Nonattainment Area
TOTAL Projected VOC Emissions
(Tons per Day)

VOC	2011	2014	2017	2020	2025	2030	TOTAL Budget and Safety Margin 2020	TOTAL Budget and Safety Margin 2030
Boone, KY	9.60	8.54	7.71	7.00	6.42	5.84	8.61	7.02
Campbell, KY	3.82	3.26	2.80	2.40	2.19	1.96	3.39	2.64
Kenton, KY	6.71	5.82	5.13	4.52	4.21	3.90	6.02	4.92
Butler, OH	25.85	22.70		19.41		17.63		
Clermont, OH	14.13	12.39		10.17		9.07		
Clinton, OH	5.61	4.77		3.99		3.75		
Hamilton, OH	60.07	51.85		42.48		37.42		
Warren, OH	16.67	14.21		11.59		9.93		
Dearborn, IN	7.31	8.29		6.52		6.42		
Combined Total	**149.77**	**131.83**		**108.08**		**95.92**		

Table 44
Cincinnati-Hamilton, OH-KY-IN
2008 8-Hour Ozone Nonattainment Area
TOTAL Projected NOx Emissions
(Tons per Day)

NOx	2011	2014	2017	2020	2025	2030	TOTAL Budget and Safety Margin 2020	TOTAL Budget and Safety Margin 2030
Boone, KY	17.61	16.21	14.86	13.59	12.08	10.67	16.39	12.55
Campbell, KY	5.34	4.39	3.38	2.39	1.93	1.46	4.19	2.55
Kenton, KY	8.32	6.83	5.26	3.73	3.01	2.28	6.48	3.95
Butler, OH	31.98	29.74		21.34		18.22		
Clermont, OH	54.48	49.59		36.48		34.60		
Clinton, OH	6.20	4.99		3.02		2.10		
Hamilton, OH	78.65	62.88		45.94		38.15		
Warren, OH	16.29	12.29		8.51		5.95		
Dearborn, IN	19.82	13.39		4.14		3.83		
Combined Total	**238.69**	**200.31**		**139.14**		**117.26**		

Requirement 3 of 4

A demonstration that improvement in air quality between the year violations occurred and the year attainment was achieved is based on permanent and enforceable emission reductions and not on temporary adverse economic conditions or unusually favorable meteorology.

Demonstration:

Table 45 below demonstrates that emissions will decrease between the attainment year and the 2030 maintenance year. VOC emissions in the nonattainment area are projected to decrease by 34.44 tons per day while NOx emissions are projected to decrease by 72.94 tons per day. These reductions reflect the integration of programs that will continue to reduce emissions. The Tier 3 vehicle and fuel standards, the national program for greenhouse gas (GHG) emissions, and fuel economy standards are a few examples of the federal programs that will continue to ensure permanent and enforceable emissions reductions over time. These programs are discussed in further detail in Chapter Five, requirement 5 of 5.

Table 45
Cincinnati-Hamilton, OH-KY-IN
2008 8-Hour Ozone Nonattainment Area
Emission Reductions
(Tons per Day)

	2014	2030	Total Reductions
VOC	131.83	95.92	**35.91**
NOx	200.31	117.26	**83.05**

Requirement 4 of 4

Provisions for future annual updates of the inventory to enable tracking of the emission levels, including an annual emission statement from major sources.

Demonstration

Major point sources in Kentucky are required to submit annual air emissions data, in accordance with EPA's Air Emissions Reporting Requirements (AERR). Kentucky's database of annual air emissions will be used to prepare ozone precursor inventories for future years, as necessary, to comply with the inventory reporting requirements established in the CFR. Emissions information will be compared to the 2011 base year and the 2030 projected maintenance year inventories to assess emission trends, as necessary, and to assure continued compliance with the ozone standard.

CHAPTER FIVE

Control Measures and Regulations

This chapter discusses the permanent and enforceable reductions, maintenance plan requirements, and demonstrates Kentucky's compliance with the requirements of CAA Sections 107(d)(3)(E)(ii), 107(d)(3)(E)(iv), and 107(d)(3)(E)(v).

Requirement 1 of 5

Section 182(a)(2)(A) of the 1990 CAA Amendments requires states with marginal nonattainment areas to submit a SIP providing for implementation of all reasonably available control measures as expeditiously as practicable (including such reductions in emissions from existing sources in the area as may be obtained through the adoption, at a minimum, of RACT).

Demonstration: As required by CAA Section 172, Kentucky promulgated rules requiring reasonable available control measure (RACM) for ozone from stationary sources for particular source categories. The RACT requirements can be found in 401 KAR Chapter 59 for new sources and 401 KAR Chapter 61 for existing sources. Statewide RACT rules have been applied to all major sources of VOCs located in a county or portion of a county which is designated ozone nonattainment, for any nonattainment classification except marginal. For those sources that are not subject to RACT requirements in 401 KAR Chapters 59 or 61, the generally applicable Kentucky RACT rules for ozone can be found in 401 KAR 50:012.

Requirement 2 of 5

Section 182(a)(3)(B) of the CAA requires states to ensure they have an emission reporting program in place, requiring stationary sources of NOx or VOCs to submit an annual emission statement certifying that the information contained in the statement is accurate to the best knowledge of the individual certifying the statement.

Demonstration: Kentucky first implemented an Emissions Statement Program in response to a nonattainment designation of the 1997 ozone NAAQS. Since that time, the original regulation has been changed. Kentucky does not have a stand-alone regulation for the emissions statement requirements of CAA Section 182(a)(3)(B). The emissions statement is listed within Kentucky's permitting regulations. Regulations 401 KAR 52:020 *Title V permits*, 52:030 *Federally-enforceable permits for nonmajor sources*, 52:040 *State-origin permits*, and 52:070 *Registration of designated sources* require that an emission certification be submitted to the Division for Air Quality annually. Kentucky submitted an emissions statement SIP revision to EPA on September 14, 2015.

Requirement 3 of 5

Section 172(c)(2) of the 1990 CAA Amendments requires SIPs for nonattainment areas to show reasonable further progress (RFP). Section 171(1) defines RFP as "such annual incremental reductions in emissions of the relevant air pollutant as are required by this part or may reasonably be required by the Administrator for the purpose of ensuring attainment of the applicable national ambient air quality standard by the applicable date."

Demonstration: Kentucky's RFP provisions are covered in 401 KAR 51:052 *Review of new sources in or impacting upon nonattainment areas*. In a federal register released March 6, 2015,

Implementation of the 2008 National Ambient Air Quality Standards for Ozone, EPA stated that upon determination that an area is attaining the standard, the requirements for the area to submit RFP plans and other attainment-related planning requirements shall be suspended for as long as the area continues to attain the standard (80 FR 12264). On May 4, 2016, EPA promulgated 81 FR 26697 declaring that Kentucky, along with several other states, be determined as attaining the 2008 Ozone NAAQS based on complete, quality-assured and certified ozone monitoring data. Therefore, Kentucky is not required to demonstrate RFP for the 2008 Ozone NAAQS.

Requirement 4 of 5

Acceptable provisions to provide for new source review. The requirements of the new source review program will be replaced by the prevention of significant deterioration (PSD) program once the area has been redesignated therefore, in order to ensure the PSD program will become fully effective immediately upon redesignation, the state must establish that it has the proper provisions in place.

Demonstration: Kentucky has a longstanding and fully implemented NSR program. This is addressed in 401 KAR 51:052[6]. Additionally, 401 KAR Chapter 51 includes provisions for the PSD permitting program (401 KAR 51:017). Kentucky's NSR and PSD programs were last revised and approved into Kentucky's SIP on September 15, 2010[7].

Any facility that is not listed in the 2011 emission inventory, or for the closing of which credit was taken in demonstrating attainment, will not be allowed to construct, reopen, modify, or reconstruct without meeting all applicable NSR requirements. Once the area is redesignated, Kentucky will implement NSR through the PSD program.

Requirement 5 of 5

Section 172(c)(6) requires other plan provisions, such as control measures, to provide for attainment of the standard.

Demonstration: Control measures already in place, or being implemented over the next few years, will continue to reduce stationary point, highway mobile, and nonroad mobile source emissions. The following programs have shown, or are expected to show, emission reductions in VOC and NOx emissions due to regulatory measures implemented by both the EPA and Kentucky. Monitoring, recordkeeping, and reporting requirements are incorporated into Kentucky's air permits to ensure ongoing compliance. Kentucky has an active enforcement program to address violations identified by field office staff.

Federal Control Measures

Tier II Emission Standards for Vehicles and Gasoline Sulfur Standards

EPA finalized a federal rule in 2000 to reduce emissions from passenger vehicles in each manufacture's fleet to meet an average standard of 0.07 grams of NOx per mile. Additionally, in January 2006 the sulfur content of gasoline was required to be on average 30 ppm which assists

[6] http://www.lrc.ky.gov/kar/401/051/052.htm
[7] 75 FR 55988

in lowering NOx emissions. EPA estimated that the reduction of NOx emissions was ranged from 77 percent for cars to 86 percent for minivans, light trucks and small SUVs. VOC emissions were also reduced, ranging from 12 percent for cars up to 18 percent for minivans, light trucks and small SUVs. These emission reductions are federally enforceable.

Tier III Emission Standards for Vehicles and Gasoline Sulfur Standards

On March 3, 2014, the EPA finalized new Tier III emission standards for light duty (and some larger) motor vehicles. Light duty vehicles include cars, SUVs, vans, and most pickup trucks. Phase-in of the standards will begin with Model Year 2017. By the time Tier III is fully implemented in Model Year 2025, the standards for light duty vehicles will require reductions of about 80% in tailpipe emissions of VOC and nitrogen oxides (both of which contribute to the formation of ground-level ozone) and of about 70% in tailpipe emissions of particulates.

Like the current Tier II standards, which were promulgated in 2000 and phased in between Model Years 2004 and 2009, the Tier III standards treat vehicles and fuels as a system: reductions in vehicle emissions are easier to achieve if the fuel used contains less sulfur. The Tier III standards will require that gasoline contain no more than 10 parts per million (ppm) sulfur on an annual average basis beginning January 1, 2017, down from 30 ppm under the Tier II program. Further, the rule extends the required useful life of emission control equipment from 120,000 miles to 150,000 miles, and sets standards for heavier duty gasoline-powered vehicles. The standards will also require about a 50% reduction in evaporative emissions

EPA anticipates that the implementation of the Tier III vehicle and fuel standards will reduce emissions of NOx, VOC, $PM_{2.5}$, and air toxics. The fuel standards alone, which would take effect in 2017, are projected to provide an immediate 56% reduction in sulfur dioxide (SO_2) emissions as the ultra-low sulfur gasoline is deployed in existing vehicles and engines. Further, EPA projects that NOx emissions will be reduced by about 260,000 tons by 2018 (about 10% of the current emissions from on-highway vehicles), and by about 330,000 tons by 2030 (about 25% of the current emissions from on-highway vehicles) as covered vehicles become a larger percentage of the fleet. VOC and CO emissions are projected to be reduced by about 170,000 tons and 3.5 million tons respectively by 2030 (16% and 24% of the current emissions from on-highway vehicles). These projected reductions would immediately reduce ozone levels in 2017 when the sulfur controls take effect, and would lead to significant decreases in ambient concentrations of ozone, $PM_{2.5}$ and air toxics by 2030 as the vehicle fleets become updated.

Tier 4 Vehicle Standards

On May 11, 2004, EPA signed the final rule introducing Tier 4 emission standards, which were phased-in from 2008-2015. Engine manufacturers were required to produce new engines with advanced emission control technologies. Exhaust emissions from these engines were predicted to decrease by more than 90 percent. When the full inventory of older nonroad engines are replaced by Tier 4 engines, annual emission reductions are estimated at 738,000 tons of NOx and 129,000 tons of PM.

Clean Air Interstate Rule

Significant emissions reductions from coal-fired electricity generating units (EGUs) have contributed to the region's reduction in emissions and significant improvement in air quality. On May 12, 2005 the EPA promulgated the Clean Air Interstate Rule (CAIR). CAIR required 27 eastern states as well as the District of Columbia to achieve SO_2 and NOx emission reductions for new and existing EGUs. CAIR utilized a cap and trade system to reduce SO_2 and NOx emissions. The CAIR NO_x ozone season and annual programs began in 2009, while the CAIR SO_2 annual program began in 2010. The D.C. Circuit remanded CAIR without vacatur on December 23, 2008. The December 23, 2008 court ruling left CAIR and the CAIR FIPs, including the CAIR trading programs, in place until the U.S. EPA issued a new rule to replace CAIR in accordance with the July 11, 2008 decision.

Kentucky developed regulations 401 KAR 51:210, 401 KAR 51:220, and 401 KAR 51:230 (effective February 2, 2007) in response to CAIR; those regulations are still in place. However, reductions due to this regulation and CAIR were not included in the inventory and its projections for the Kentucky portion of the nonattainment area.

Cross-State Air Pollution Rule

EPA issued the Cross-State Air Pollution Rule (CSAPR) in July 2011. As amended, CSAPR requires 28 states in the eastern half of the United States to significantly improve air quality by reducing power plant emissions that cross state lines and contribute to ozone and fine particle pollution in other states. CSAPR was scheduled to replace CAIR starting on January 1, 2012. However, the timing of CSAPR's implementation was affected by D.C. Circuit actions that stayed and then vacated CSAPR before implementation. On April 29, 2014, the U.S. Supreme Court reversed the D.C. Circuit's vacatur, and on October 23, 2014, the D.C. Circuit granted EPA's motion to lift the stay and shift the CSAPR compliance deadlines by three years. Accordingly, CSAPR Phase I implementation began January 1, 2015, with Phase II to begin in 2017.

National Program for greenhouse gas (GHG) emissions and fuel economy standards

The federal GHG and fuel economy standards apply to light-duty cars and trucks in model years 2012-2016 (phase 1) and 2017-2025 (phase 2). The final standards are projected to result in an average industry fleet-wide level of 163 grams/mile of carbon dioxide (CO2) which is equivalent to 54.5 miles per gallon (mpg) if achieved exclusively through fuel economy improvements. The fuel economy standards will result in less fuel being consumed, and therefore less NOx emissions released. These emission reductions will be federally enforceable.

Utility Mercury Air Toxics Standards (MATS) and New Source Performance Standards (NSPS)

On February 16, 2012, the EPA published final rules for both the (1) MATS for new and existing coal- and oil-fired EGUs and (2) NSPS for fossil-fuel fired electric utility, industrial-commercial-institutional and small industrial-commercial-institutional steam generating units. The MATS rule is expected to reduce both NOx and SO_2 emissions, in addition to mercury and

other air toxic emissions. MATS applies to EGUs larger than 25 megawatts that burn coal or oil for the purpose of generating electricity for sale and distribution through the national electric grid to the public. For the NSPS, the EPA revised the standards that new coal- and oil-fired power plants must meet for NOx, SO_2, and particulate matter (PM). The emission reductions associated with the MATS and the revised NSPS are federally enforceable.

NOx SIP Call in Surrounding States

In October 1998, the EPA made a finding of significant contribution of NOx emissions from certain states and published a rule that set ozone season NOx budgets for the purpose of reducing regional transport of ozone (63 FR 57356). This rule, referred to as the NOx SIP Call, called for ozone season controls to be put on utility and very large industrial boilers, as well as internal combustion engines in 22 states in the Eastern United States. A NOx emissions budget was set for each state and the states were required to develop rules that would allow them to meet their budget. A NOx trading program was established, allowing sources to buy credits to meet their NOx budget as opposed to actually installing controls. The emission budgets were to be met by May of 2004. Even with the trading program, the amount of ozone season NOx emissions have decreased significantly in and around Kentucky.

State Control Measures

NOx SIP Call Rule

In response to the EPA's NOx SIP call, Kentucky adopted rules to control the emissions of NOx from EGUs and large stationary combustion sources. These rules cover (1) fossil fuel-fired stationary boilers, combustion turbines, and combined cycle systems serving a generator with a nameplate capacity greater than 25 megawatts and selling any amount of electricity, (2) fossil fuel-fired stationary boilers, combustion turbines, and combined cycle systems having a maximum design heat input greater than 250 million British thermal units per hour, and (3) reciprocating stationary internal combustion engines rated at equal or greater than 2400 brake horsepower (3000 brake horsepower for diesel engines and 4400 brake horsepower for dual fuel engines). As part of the NOx SIP call, the EPA rules established a NOx budget for sources in Kentucky and other states.

Open Burning Bans

Kentucky revised the open burning regulation to prohibit most types of open burning in moderate ozone nonattainment areas within Kentucky during the period of May-September when ozone development is most likely. This requirement continues in the Northern Kentucky area.

CHAPTER SIX
Contingency Measures

This chapter provides detailed information demonstrating that Kentucky meets the requirements of CAA Section 107(d)(3)(E)(v).

Requirement 1 of 3
A commitment to submit a revised plan eight years after redesignation.

Demonstration: Section 175A(b) of the CAA requires that eight years after formal redesignation, the state continues to provide for maintenance of the standard by submitting another maintenance plan that covers an additional 10 years. If this requirement remains applicable for this area, Kentucky commits to submit to EPA a plan for future maintenance of the standard in Boone, Campbell and Kenton Counties as required.

Requirement 2 of 3
A commitment to expeditiously enact and implement additional contingency control measures in response to exceeding specified predetermined levels (triggers) or in the event that future violations of the ambient standard occur.

Demonstration: Future reviews of actual emissions for this redesignated area will be performed using the latest emission factors, models, and methodologies. For these periodic inventories, Kentucky will review the assumptions made for the purpose of the maintenance demonstration concerning projected growth of activity levels. If any of these assumptions appear to have changed substantially, Kentucky will re-project emissions.

In the event that a measured value of the fourth highest maximum is 0.075 ppm or greater in any portion of the maintenance area in a single ozone season, or if periodic emission inventory updates reveal excessive or unanticipated growth greater than 10% in ozone precursor emissions, the state will evaluate existing control measures to see if any further emission reduction measures should be implemented at that time.

Requirement 3 of 3
A list of potential contingency measures that would be implemented in such an event.

Demonstration: In the event of a monitored violation of the 8-hour ozone NAAQS standard in the Cincinnati- Hamilton, OH-KY-IN maintenance area, the Commonwealth commits to adopt, within nine months, one or more of the following contingency measures to re-attain the standard. All regulatory programs will be implemented within 18 months after the triggering monitored violation.

- Implementation of a program to require additional emission reductions on stationary sources;
- Implementation of fuel programs, including incentives for alternative fuels;
- Restriction of certain roads or lanes to, or construction of such roads or lanes for use by, passenger buses or high-occupancy vehicles;

- Trip-reduction ordinances;
- Employer-based transportation management plans, including incentives;
- Programs to limit or restrict vehicle use in downtown areas, or other areas of emission concentration, particularly during periods of peak use;
- Programs for new construction and major reconstructions of paths or tracks for use by pedestrians or by non-motorized vehicles when economically feasible and in the public interest.

Kentucky also reserves the right to implement other contingency measures if new control programs should be developed and deemed more advantageous for the area.

CHAPTER SEVEN
Public Participation

A public hearing is scheduled, in accordance with 40 CFR 51.102, to be held at 10:00 a.m. (EDT) in Training Room B of the GAPS Training Facility, 801 Teton Trail, Frankfort, KY on June 21, 2016. If no request for a public hearing is received within 30 days of the public comment period, the hearing will be cancelled. A copy of the public hearing notice can be found in Appendix F.

CHAPTER EIGHT
Conclusion

The most recent three years of ozone monitoring data (2012-2014) for the Cincinnati-Hamilton, OH-KY-IN nonattainment area demonstrate compliance with the 2008 8-hour ozone NAAQS. There have been many major programs enacted that have led to significant emissions reductions since the area was first designated as nonattainment. Since that time, the air quality has improved significantly and has attained the ozone NAAQS. Additionally, the maintenance plan demonstrates that the projected emissions inventories for all future projected years, including the final year of the maintenance plan (2030) are all less than the base year emissions inventory. Therefore, maintenance of the 2008 8-hour ozone NAAQS has also been demonstrated.

Kentucky hereby requests that the Cincinnati-Hamilton, OH-KY-IN 2008 8-hour Ozone nonattainment area be redesignated to attainment simultaneously with EPA approval of the maintenance plan provisions contained herein.

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APPENDIX A

Federal Registers

APPENDIX A-1
77 FR 30088
May 21, 2012

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 81

[EPA–HQ–OAR–2008–0476; FRL–9668–2]

RIN 2060–AP37

Air Quality Designations for the 2008 Ozone National Ambient Air Quality Standards

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: This rule establishes initial air quality designations for most areas in the United States, including areas of Indian country, for the 2008 primary and secondary national ambient air quality standards (NAAQS) for ozone. The designations for several counties in Illinois, Indiana, and Wisconsin that the EPA is considering for inclusion in the Chicago nonattainment area will be designated in a subsequent action, no later than May 31, 2012. Areas designated as nonattainment are also being classified by operation of law according to the severity of their air quality problems. The classification categories are Marginal, Moderate, Serious, Severe, and Extreme. The EPA is establishing the air quality thresholds that define the classifications in a separate rule that the EPA is signing and publishing in the **Federal Register** on the same schedule as these designations. In accordance with that separate rule, six nonattainment areas in California are being reclassified to a higher classification.

DATES: The effective date of this rule is July 20, 2012.

ADDRESSES: The EPA has established a docket for this action under Docket ID NO. EPA–HQ–OAR–2008–0476. All documents in the docket are listed in the index at *http://www.regulations.gov*. Although listed in the index, some information is not publicly available, i.e., Confidential Business Information or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, is not placed on the Internet and will be publicly available only in hard copy form. Publicly available docket materials are available either electronically in the docket or in hard copy at the Docket, EPA/DC, EPA West, Room 3334, 1301 Constitution Ave. NW., Washington, DC. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566–1744, and the telephone number for the Office of Air and Radiation Docket and Information Center is (202) 566–1742.

In addition, the EPA has established a Web site for this rulemaking at: *http://www.epa.gov/ozonedesignations*. The Web site includes the EPA's final state and tribal designations, as well as state initial recommendation letters, the EPA modification letters, technical support documents, responses to comments and other related technical information.

FOR FURTHER INFORMATION CONTACT: Carla Oldham, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Mail Code C539–04, Research Triangle Park, NC 27711, phone number (919) 541–3347 or by email at: *oldham.carla@epa.gov*.

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SUPPLEMENTARY INFORMATION: The public may inspect the rule and state-specific technical support information at the following locations:

Regional offices	States
Dave Conroy, Chief, Air Programs Branch, EPA New England, 1 Congress Street, Suite 1100, Boston, MA 02114–2023, (617) 918–1661.	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.
Raymond Werner, Chief, Air Programs Branch, EPA Region 2, 290 Broadway, 25th Floor, New York, NY 10007–1866, (212) 637–3706.	New Jersey, New York, Puerto Rico, and Virgin Islands.
Cristina Fernandez, Branch Chief, Air Quality Planning Branch, EPA Region 3, 1650 Arch Street, Philadelphia, PA 19103–2187, (215) 814–2178.	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, and West Virginia.
R. Scott Davis, Branch Chief, Air Planning Branch, EPA Region 4, Sam Nunn Atlanta Federal Center, 61 Forsyth, Street SW., 12th Floor, Atlanta, GA 30303, (404) 562–9127.	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.
John Mooney, Chief, Air Programs Branch, EPA Region 5, 77 West Jackson Street, Chicago, IL 60604, (312) 886–6043.	Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.
Guy Donaldson, Chief, Air Planning Section, EPA Region 6, 1445 Ross Avenue, Dallas, TX 75202, (214) 665–7242.	Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.
Joshua A. Tapp, Chief, Air Programs Branch, EPA Region 7, 901 North 5th Street, Kansas City, Kansas 66101–2907, (913) 551–7606.	Iowa, Kansas, Missouri, and Nebraska.
Monica Morales, Leader, Air Quality Planning Unit, EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202–1129, (303) 312–6936.	Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.
Lisa Hanf, Air Planning Office, EPA Region 9, 75 Hawthorne Street, San Francisco, CA 94105, (415) 972–3854.	American Samoa, Arizona, California, Guam, Hawaii, Nevada, and Northern Mariana Islands.
Debra Suzuki, Manager, State and Tribal Air Programs, EPA Region 10, Office of Air, Waste, and Toxics, Mail Code OAQ–107, 1200 Sixth Avenue, Seattle, WA 98101, (206) 553–0985.	Alaska, Idaho, Oregon, and Washington.

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I. Preamble Glossary of Terms and Acronyms

The following are abbreviations of terms used in the preamble.

APA Administrative Procedure Act
CAA Clean Air Act
CFR Code of Federal Regulations
DC District of Columbia
EPA Environmental Protection Agency
FR **Federal Register**
NAAQS National Ambient Air Quality Standards
NO_X Nitrogen Oxides
NTTAA National Technology Transfer and Advancement Act
PPM Parts per million
RFA Regulatory Flexibility Act
UMRA Unfunded Mandate Reform Act of 1995
TAR Tribal Authority Rule
U.S. United States
U.S.C. United States Code
VCS Voluntary Consensus Standards
VOC Volatile Organic Compounds

II. What is the purpose of this action?

The purpose of this action is to announce and promulgate initial area designations for most areas of the country with respect to the 2008 primary and secondary NAAQS for ozone, in accordance with the requirements of Clean Air Act (CAA) section 107(d). The EPA is designating areas as either nonattainment, unclassifiable, or unclassifiable/attainment. In addition, the nonattainment areas are classified by operation of law according to the severity of their ozone air quality problems and six areas in California are being reclassified immediately to a higher classification. The classification categories are Marginal, Moderate, Serious, Severe, and Extreme. The EPA is establishing the air quality thresholds that define the classifications in a separate rule titled, "Implementation of the 2008 National Ambient Air Quality Standards for Ozone: Nonattainment Area Classifications Approach, Attainment Deadlines and Revocation of the 1997 Ozone Standards for Transportation Conformity Purposes" (Classifications Rule). In that separate rule, the EPA also codified the immediate reclassification of six areas in California. (*See* 40 CFR 51.1103(d).) The list of all areas being designated in each state and in areas of Indian county appear in the tables at the end of this final rule (amendments to 40 CFR 81.301–356). For areas designated as nonattainment, the tables include the area's classification by operation of law or the area's reclassification in accordance with 40 CFR 51.1103(d).

In this action, the EPA is designating 45 areas as nonattainment. Seven of the areas are multi-state areas. The EPA is designating one area, Uinta Basin, WY, as unclassifiable because there is existing non-regulatory monitoring in the area that detected levels of ozone that exceed the NAAQS. Regulatory monitoring has been conducted in that area since April 2011, and thus there are not yet three consecutive years of certified ozone monitoring data available that can be used to determine the area's attainment status. Consistent with previous initial area designations for ozone, the EPA is designating all the remaining state areas and Indian country as unclassifiable/attainment.

Consistent with the EPA's "Policy for Establishing Separate Air Quality Designations for Areas of Indian Country" (December 20, 2011), the EPA is designating four areas of Indian country separately from their adjacent/surrounding state areas.[1] The lands of the Pechanga Tribe and the Morongo Tribe in Southern California are being designated as separate nonattainment areas, while two additional areas in Indian country are being designated as separate unclassifiable/attainment areas.

The EPA is basing the designations on the most recent certified ozone air quality monitoring data and an evaluation of factors to assess contributions to nonattainment in nearby areas. State areas designated as nonattainment are subject to planning and emission reduction requirements as specified in the CAA. Requirements vary according to an area's classification. The EPA will be proposing shortly an implementation rule to assist states in the development of state implementation plans for attaining the ozone standards.

III. What is ozone and how is it formed?

Ground-level ozone, O_3, is a gas that is formed by the reaction of volatile organic compounds (VOCs) and oxides of nitrogen (NO_X) in the atmosphere in the presence of sunlight. These precursor emissions are emitted by many types of pollution sources, including power plants and industrial emissions sources, on-road and off-road motor vehicles and engines, and smaller sources, collectively referred to as area sources. Ozone is predominately a summertime air pollutant. However, high ozone concentrations have also been observed in cold months, where a few high elevation areas in the Western U.S. have experienced high levels of local VOC and NO_X emissions that have formed ozone when snow is on the ground and temperatures are near or below freezing. Ozone and ozone precursors can be transported to an area from sources in nearby areas or from sources located hundreds of miles away. For purposes of determining ozone nonattainment area boundaries, the CAA requires the EPA to include areas that contribute to nearby violations of the NAAQS.

IV. What are the 2008 ozone NAAQS and the health and welfare concerns they address?

On March 12, 2008, the EPA revised both the primary and secondary NAAQS for ozone to a level of 0.075 parts per million (ppm) (annual fourth-highest daily maximum 8-hour average concentration, averaged over 3 years) to provide increased protection of public health and the environment.[2] The 2008 ozone NAAQS retains the same general form and averaging time as the 0.08 ppm NAAQS set in 1997, but is set at a more protective level.

Ozone exposure also has been associated with increased susceptibility to respiratory infections, medication use by asthmatics, doctor visits, and emergency department visits and

[1] For more information, visit *http://www.epa.gov/ttncaaa1/t1/memoranda/20120117indiancountry.pdf.*

[2] *See* 73 FR 16436; March 27, 2008. For a detailed explanation of the calculation of the 3-year 8-hour average, *see* 40 CFR part 50, Appendix I.

hospital admissions for individuals with respiratory disease. Ozone exposure may also contribute to premature death, especially in people with heart and lung disease. The secondary ozone standard was revised to protect against adverse welfare effects including impacts to sensitive vegetation and forested ecosystems.

V. What are the CAA requirements for air quality designations?

When the EPA promulgates a new or revised NAAQS, the EPA is required to designate areas as nonattainment, attainment, or unclassifiable, pursuant to section 107(d)(1) of the CAA. The CAA requires the EPA to complete the initial area designation process within 2 years of promulgating the NAAQS. However, if the Administrator has insufficient information to make these designations within that time frame, the EPA has the authority to extend the deadline for designation decisions by up to 1 additional year.

By not later than 1 year after the promulgation of a new or revised NAAQS, each state governor is required to recommend air quality designations, including the appropriate boundaries for areas, to the EPA. The EPA reviews those state recommendations and is authorized to make any modifications the Administrator deems necessary. The statute does not define the term "necessary," but the EPA interprets this to authorize the Administrator to modify designations that did not meet the statutory requirements or were otherwise inconsistent with the facts or analysis deemed appropriate by the EPA. If the EPA is considering modifications to a state's initial recommendation, the EPA is required to notify the state of any such intended modifications to its recommendation not less than 120 days prior to the EPA's promulgation of the final designation. These notifications are commonly known as the "120-day letters." If the state does not agree with the EPA's intended modification, it then has an opportunity to respond to the EPA to demonstrate why it believes the modification proposed by the EPA is inappropriate. Even if a state fails to provide any recommendation for an area, in whole or in part, the EPA still must promulgate a designation that the Administrator deems appropriate.

Section 107(d)(1)(A)(i) of the CAA defines a nonattainment area as, "any area that does not meet (or that contributes to ambient air quality in a nearby area that does not meet) the national primary or secondary ambient air quality standard for the pollutant." If an area meets either prong of this definition, then the EPA is obligated to designate the area as "nonattainment." Section 107(d)(1)(A)(iii) provides that any area that the EPA cannot designate on the basis of available information as meeting or not meeting the standards should be designated as "unclassifiable." Historically for ozone, the EPA designates the remaining areas as "unclassifiable/attainment" indicating that the areas either have attaining air quality monitoring data or that air quality information is not available because the areas are not monitored, and the EPA has not determined that the areas contribute to a violation in a nearby area.

The EPA believes that section 107(d) provides the agency with discretion to determine how best to interpret the terms "contributes to" and "nearby" in the definition of a nonattainment area for a new or revised NAAQS, given considerations such as the nature of a specific pollutant, the types of sources that may contribute to violations, the form of the standards for the pollutant, and other relevant information. In particular, the EPA believes that the statute does not require the agency to establish bright line tests or thresholds for what constitutes "contribution" or "nearby" for purposes of designations.[3] Similarly, the EPA believes that the statute permits the EPA to evaluate the appropriate application of the term "area" as may be appropriate for a particular NAAQS.

Section 301(d) of the CAA authorizes the EPA to approve eligible Indian tribes to implement provisions of the CAA on Indian reservations and other areas within the tribes' jurisdiction. The Tribal Authority Rule (TAR) (40 CFR Part 49), which implements section 301(d) of the CAA, sets forth the criteria and process for tribes to apply to the EPA for eligibility to administer CAA programs. The designations process contained in section 107(d) of the CAA is included among those provisions determined to be appropriate by the EPA for treatment of tribes in the same manner as states. Under the TAR, tribes generally are not subject to the same submission schedules imposed by the CAA on states. As authorized by the TAR, tribes may seek eligibility to submit designation recommendations to the EPA.

VI. What is the chronology for this designations rule and what guidance did the EPA provide?

Within one year after a new or revised air quality standard is established, the CAA requires the governor of each state to submit to the EPA a list of all areas in the state, with recommendations for whether each area meets the standard. On December 4, 2008, the EPA issued guidance for states and tribal agencies to use for this purpose. (*See* memorandum from Robert J. Meyers, Principal Deputy Assistant Administrator, to Regional Administrators, Regions I–X, titled, "Area Designations for the 2008 Revised Ozone National Ambient Air Quality Standards.) The guidance provided the anticipated timeline for designations and identified important factors that the EPA recommended states and tribes consider in making their recommendations. These factors include air quality data, emissions data, traffic and commuting patterns, growth rates and patterns, meteorology, geography/topography, and jurisdictional boundaries. In the guidance, the EPA asked that states and tribes submit their designation recommendations, including appropriate area boundaries, to the EPA by March 12, 2009. Later in the process, the EPA issued 2 new guidance memoranda related to designating areas of Indian county. (*See* December 20, 2011, memorandum from Stephen D. Page, Director, Office of Air Quality Planning and Standards, to Regional Air Directors, Regions I–X, titled, "Policy for Establishing Separate Air Quality Designations for Areas of Indian Country," and December 20, 2011, memorandum from Stephen D. Page, Director, Office of Air Quality Planning and Standards, to Regional Air Directors, Regions I–X, titled, "Guidance to Regions for Working with Tribes during the National Ambient Air Quality Standards (NAAQS) Designations Process.")

Under the initial schedule, the EPA intended to complete the initial designations for the 2008 ozone NAAQS on a 2-year schedule, by March 12, 2010. On September 16, 2009, the EPA announced that it would initiate a rulemaking to reconsider the 2008 ozone NAAQS for various reasons, including the fact that the 0.075 ppm level fell outside of the range recommended by the Clean Air Scientific Advisory Committee, the independent group that provides advice to the EPA Administrator on the technical bases for the EPA's NAAQS. The EPA signed the proposed reconsideration on January 6, 2010. (*See* 75 FR 2938; January 19, 2010.) Because of the significant uncertainty the ozone NAAQS reconsideration created regarding the continued applicability of the 2008 NAAQS, the EPA determined there was insufficient information to

[3] This view was confirmed in *Catawba County* v. *EPA*, 571 F.3d 20 (D.C. Cir. 2009).

designate areas within 2 years of promulgation of the NAAQS. Therefore, the EPA used its authority under CAA section 107(d)(1)(B) to extend the deadline for designating areas by 1 year, until March 12, 2011. (*See* 75 FR 2936; January 19, 2010.) The EPA has not taken final action on the proposed reconsideration; thus, the current NAAQS for ozone remains at 0.075 ppm, as established in 2008.

After the March 12, 2011, designation deadline passed, WildEarth Guardians and Elizabeth Crowe (WildEarth Guardians) filed a lawsuit seeking to compel the EPA to take action to designate areas for the 2008 ozone NAAQS. *WildEarth Guardians and Elizabeth Crowe* v. *Jackson* (D. Ariz. 11–CV–01661). The EPA and WildEarth Guardians settled the case by entering into a consent decree that requires the EPA Administrator to sign a final rule designating areas for the 2008 ozone NAAQS by May 31, 2012.

On September 22, 2011, the EPA issued a memorandum to clarify for state and local agencies the status of the 2008 ozone NAAQS and to outline plans for moving forward to implement them. The EPA indicated that it would proceed with initial area designations for the 2008 NAAQS, and planned to use the recommendations states made in 2009 as updated by the most current, certified air quality data from 2008–2010. While the EPA did not request that states submit updated designation recommendations, the EPA provided the opportunity for states to do so. Several states chose to update their recommendations, and some requested that the EPA base designations for their areas on certified air quality data from 2009–2011, and committed to certify the 2011 data earlier than the May 1 deadline for annual air monitoring certification under 40 CFR part 58.15(a)(2) so that the EPA would have sufficient time to consider the data in making decisions on designations and nonattainment area boundaries.

On or about December 9, 2011, the EPA sent letters to Governors and Tribal leaders notifying them of the EPA's preliminary response to their designation recommendations and to inform them of the EPA's approach for completing the designations for the 2008 ozone NAAQS. The EPA requested that states submit any additional information that they wanted the EPA to consider by February 29, 2011, including any certified 2011 air quality monitoring data. On January 31, 2011, the EPA sent revised 120-day letter responses to Illinois, Indiana, and Wisconsin based on updated ozone air quality data for 2009–2011, submitted by the state of Illinois two days before the EPA sent the December 9, 2011, letters. Given the timing of Illinois' submission of certified data, EPA was not able to consider the information in the December 9, 2011, letters. After reviewing the new information, which indicated a violation of the ozone NAAQS at a monitor in the Chicago area, the EPA sent letters on January 31, 2012 notifying Illinois, Indiana, and Wisconsin that it intended to designate certain counties, identified in those letters, as nonattainment for the 2008 ozone NAAQS. The EPA cannot finalize a designation for those areas until 120 days following the letters. Therefore, the EPA will be designating the Illinois, Indiana, and Wisconsin counties identified in the January 31, 2011, letters in a separate rule that will be signed no later than May 31, 2012.

Although not required by section 107(d) of the CAA, the EPA also provided an opportunity for members of the public to comment on the EPA's 120-day response letters to states and tribes. The EPA announced a 30-day public comment period in the **Federal Register** on December 20, 2011 (76 FR 78872). The comment period was subsequently extended until February 3, 2012 (77 FR 2677; January 19, 2012). On February 14, 2012 (77 FR 8211), the EPA reopened the public comment period for the limited purpose of inviting comment on the EPA's revised responses to Illinois, Indiana, and Wisconsin. State and tribal recommendations and the EPA's preliminary responses were posted on EPA's Web site at *http://www.epa.gov/ozonedesignations* and are available in the docket for the designations action. Comments from the states, tribes and the public, and EPA's responses to significant comments, are also in the docket.

VII. What air quality data has the EPA used to designate areas for the 2008 ozone NAAQS?

The final ozone designations are based primarily on certified air quality monitoring data from calendar years 2008–2010, which was the most recent certified data available to the EPA at the time the EPA notified the states of its intended modifications to their recommendations. Under 40 CFR 58.16, states are required to report all monitored ozone air quality data and associated quality assurance data within 90 days after the end of each quarterly reporting period, and under 40 CFR part 58.15(a)(2) states are required to submit annual summary reports and a data certification letter to the EPA by May 1 for ozone air quality data collected in the previous calendar year. States generally had not completed these requirements for calendar year 2011 ozone air quality data when the EPA notified states of our intended designations on December 9, 2011. In certain cases, states included as part of their designation recommendations a request that the EPA consider monitoring data from 2009–2011 in making final designation decisions. In these requests, they indicated to the EPA what they expected their certified ozone air quality data would show regarding whether an area was attaining the standard, and for designations purposes they committed to certifying their 2011 data no later than February 29, 2012, so that the EPA would have sufficient time to consider it. Thus, for those areas, the EPA considered the state's preliminary representation of 2011 data in sending the 120-day notification letter. We have verified these representations in making our final designations decisions.

VIII. What are the ozone air quality classifications?

In accordance with CAA section 181(a)(1), each area designated as nonattainment for the 2008 ozone NAAQS is classified by operation of law at the same time as the area is designated by the EPA. Under Subpart 2 of part D of title I of the CAA, state planning and emissions control requirements for ozone are determined, in part, by a nonattainment area's classification. The ozone nonattainment areas are classified based on the severity of their ozone levels (as determined based on the area's "design value," which represents air quality in the area for the most recent 3 years).[4] The possible classifications are Marginal, Moderate, Serious, Severe, and Extreme. Nonattainment areas with a "lower" classification have ozone levels that are closer to the standard than areas with a "higher" classification. Areas in the lower classification levels have fewer and/or less stringent mandatory air quality planning and control requirements than those in higher classifications. The final Classifications Rule, which is being signed at the same time as the designations rule and being published and effective at the same time or before the designations, establishes the classification thresholds for each classification category for purposes of the 2008 NAAQS and explains the EPA's methodology for calculating the thresholds. In addition, in the

[4] The air quality design value for the 8-hour ozone NAAQS is the 3-year average of the annual 4th highest daily maximum 8-hour average ozone concentration. *See* 40 CFR part 50, Appendix I.

Classifications Rule, the EPA promulgated a regulation, 40 CFR 51.1103(d), that immediately reclassifies 6 areas in California to higher classifications. The classification for each nonattainment area designated for the 2008 ozone NAAQS is shown in the 40 CFR part 81 tables at the end of this designations rule.

IX. What is the reclassification of six California nonattainment areas?

The final Classifications Rule addresses the reclassification for the 2008 ozone NAAQS of selected areas in California that had voluntarily reclassified under the 1997 ozone NAAQS. In accordance with the final Classifications Rule, the following areas are being voluntarily reclassified to a higher classification for purposes of the 2008 NAAQS pursuant to that rule: Serious—Ventura County, CA; Severe—Los Angeles-San Bernardino Counties (West Mojave Desert), Riverside County (Coachella Valley), and Sacramento Metro, CA; Extreme—Los Angeles-South Coast Air Basin, and San Joaquin Valley, CA. These classifications are reflected in the tables at the end of this final rule (amendments to 40 CFR 81.301–356).

X. Can states request that areas within 5 percent of the upper or lower limit of a classification threshold be reclassified?

Under CAA section 181(a)(4), an ozone nonattainment area may be reclassified to a higher or lower classification (also known as a classification bump up or a bump down) "if an area classified under paragraph (1) (Table 1) would have been classified in another category if the design value in the area were 5 percent greater or 5 percent less than the level on which such classification was based." The section also states that "In making such adjustment, the Administrator may consider the number of exceedances of the national primary ambient air quality standard for ozone in the area, the level of pollution transport between the area and other affected areas, including both intrastate and interstate transport, and the mix of sources and air pollutants in the area."

As noted in the preamble to the rule designating and classifying areas following enactment of the CAA Amendments of 1990, the section 181(a)(4) provisions grant the Administrator broad discretion in making or determining not to make, a reclassification. (*See* 56 FR 56698; November 6, 1991.) As part of the 1991 action, the EPA developed criteria to evaluate whether it is appropriate to reclassify a particular area. (*See* list below and at 56 FR 56698.) Because section 181(b)(3) provides that the EPA must grant any state request to reclassify an area into a higher classification, the EPA focused these criteria primarily on how the EPA would assess requests for a lower classification. In 1991, EPA approved reclassifications when the area met the first requirement (a request by the state to EPA) and at least some of the other criteria, and did not violate any of the criteria (emissions reductions, trends, etc.). The EPA used the same method and criteria once again to evaluate reclassification requests under section 181(a)(4) for purposes of the 1997 ozone NAAQS. The EPA intends to continue to use this same approach for purposes of evaluating any request for a reclassification for the 2008 ozone NAAQS. For reclassifications downwards, states may only request a reclassification to the next lower classification, and air quality data from prior years cannot be used as justification to be reclassified to an even lower classification.

The criteria EPA intends to use to evaluate whether it is appropriate to reclassify a particular area include:

Request by state: The EPA does not intend to exercise its authority to reclassify areas on the EPA's own initiative. Rather, the EPA intends to rely on the state to submit a request for a reclassification. A tribe may also submit such a request and, in the case of a multi-state nonattainment area, all affected states must submit the same reclassification request.

Discontinuity: A five percent reclassification must not result in an illogical or excessive discontinuity relative to surrounding areas. In particular, in light of the area-wide nature of ozone formation, a reclassification should not create a "donut hole" where an area of one classification is surrounded by areas of higher classification.

Attainment: Evidence should be available that the proposed area would be able to attain by the earlier date specified by the lower classification in the case of a reclassification downward.

Emissions reductions: Evidence should be available that the area would be very likely to achieve the appropriate total percent emission reduction necessary in order to attain in the shorter time period for a reclassification downward.

Trends: Near- and long-term trends in emissions and air quality should support a reclassification. Historical air quality data should indicate substantial air quality improvement for a reclassification downward. Growth projections and emission trends should support a reclassification downward. In addition, we will consider whether vehicle miles traveled and other indicators of emissions are increasing at higher than normal rates.

Years of data: The same years of ozone air quality data used for the initial designation and classification should be used for reclassification requests.

A. Five Percent Reclassifications to a Lower Classification

For an area to be eligible to be reclassified to a lower classification under section 181(a)(4), the area's design value must be within five percent of the upper limit for the next lower classification. For example, an area with a Moderate design value of 0.090 ppm (or less) would be eligible to request a reclassification to Marginal because 0.090 ppm is five percent more than the upper limit of 0.086 ppm for the Marginal classification. Accordingly, areas with the following design values may be eligible to request a reclassification to the next lower classification: Moderate areas with a design value of 0.090 ppm or less; Serious areas with a design value of 0.105 ppm or less; and Severe areas with a design value of 0.118 ppm or less.

B. Five Percent Reclassifications to a Higher Classification

An ozone nonattainment area may also be reclassified under section 181(a)(4) to the next higher classification. As with five percent reclassifications to a lower classification, the EPA does not intend to exercise its authority to reclassify areas to a higher classification on the EPA's own initiative. Rather, the EPA intends to rely on the state to submit a request for such a reclassification. Areas with the following design values are eligible to request a reclassification to the next higher classification: Marginal areas with a design value of 0.082 ppm or more; Moderate areas with a design value of 0.095 ppm or more; and Serious areas with a design value of 0.108 ppm or more.

C. Timing of the Five Percent Reclassifications

A Governor or eligible Tribal governing body of any area that wishes to pursue a reclassification should submit all requests and supporting documentation to the EPA Regional Office by June 20, 2012. This relatively short time frame is necessary because section 181(a)(4) only authorizes the Administrator to make such

reclassifications within 90 days after the initial classification.

XI. How do designations affect Indian country?

All state areas listed in the tables at the end of this document are designated as indicated, and include Indian country geographically located within such areas, except as otherwise noted. In general, state recommendations for initial area designations do not apply to Indian country. Consistent with the "Policy for Establishing Separate Air Quality Designations for Areas of Indian Country" (December 20, 2011), in instances where the EPA did not receive an initial designation recommendation from a tribe, the EPA is designating their area of Indian country along with the adjacent/surrounding state area(s). Tribes whose areas of Indian country are designated as nonattainment for the 2008 ozone NAAQS are being affected by poor air quality. Where nonattainment areas include both Indian country and state land, it is important for states and tribes to work together to coordinate planning efforts. Coordinated planning will help ensure that the planning decisions made by the states and tribes complement each other and that the nonattainment area makes reasonable progress toward attainment and ultimately attains the 2008 ozone NAAQS.

XII. Where can I find information forming the basis for this rule and exchanges between the EPA, states, and tribes related to this rule?

Information providing the basis for this action are provided in the docket for this rulemaking. The applicable EPA guidance memoranda and copies of correspondence regarding this process between the EPA and the states, tribes, and other parties are available for review at the EPA Docket Center listed above in the addresses section of this document, and on the EPA's ozone designation Web site at *http://www.epa.gov/ozonedesignations.* State-specific information is available from the EPA Regional Offices.

XIII. Statutory and Executive Order Reviews

Upon promulgation of a new or revised NAAQS, the CAA requires the EPA to designate areas as attaining or not attaining the NAAQS. The CAA then specifies requirements for areas based on whether such areas are attaining or not attaining the NAAQS. In this final rule, the EPA assigns designations to areas as required.

A. Executive Order 12866: Regulatory Planning and Review and Executive Order 13563: Improving Regulation and Regulatory Review

This action responds to the CAA requirement to promulgate air quality designations after promulgation of a new or revised NAAQS. This type of action is exempt from review under Executive Orders 12866 (58 FR 51735, October 4, 1993) and 13563 (76 FR 3821, January 21, 2011).

B. Paperwork Reduction Act

This action does not impose an information collection burden under the provisions of the *Paperwork Reduction Act,* 44 U.S.C. 3501 *et seq.* Burden is defined at 5 CFR 1320.3(b). This rule responds to the CAA requirement to promulgate air quality designations after promulgation of a new or revised NAAQS. This requirement is prescribed in the CAA section 107. The present final rule does not establish any new information collection requirements.

C. Regulatory Flexibility Act

This final rule is not subject to the Regulatory Flexibility Act (RFA), which generally requires an agency to prepare a regulatory flexibility analysis for any rule that will have a significant economic impact on a substantial number of small entities. The RFA applies only to rules subject to notice-and-comment rulemaking requirements under the Administrative Procedure Act (APA) or any other statute. This rule is not subject to notice-and-comment requirements as provided under CAA section 107(d)(2)(B).

D. Unfunded Mandates Reform Act

This action contains no federal mandate under the provisions of Title II of the Unfunded Mandates Reform Act of 1995 (UMRA), 2 U.S.C. 1531–1538 for state, local, or tribal governments or the private sector. The action imposes no enforceable duty on any state, local or tribal governments or the private sector. Therefore, this action is not subject to the requirements of sections 202 and 205 of the UMRA.

This action is also not subject to the requirements of section 203 of UMRA because it contains no regulatory requirements that might significantly or uniquely affect small governments. It does not create any additional requirements beyond those of the CAA and ozone NAAQS (40 CFR 50.15). The CAA establishes the process whereby states take primary responsibility in developing plans to meet the ozone NAAQS.

E. Executive Order 13132: Federalism

This final rule does not have federalism implications. It will not have substantial direct effects on the states, on the relationship between the national government and the states, or on the distribution of power and responsibilities among the various levels of government, as specified in Executive Order 13132. The CAA establishes the process whereby states take primary responsibility in developing plans to meet the ozone NAAQS. This rule will not modify the relationship of the states and the EPA for purposes of developing programs to implement the ozone NAAQS. Thus, Executive Order 13132 does not apply to this rule.

F. Executive Order 13175: Consultation and Coordination With Indian Tribal Governments

Subject to the Executive Order 13175 (65 FR 67249, November 9, 2000) the EPA may not issue a regulation that has tribal implications, that imposes substantial direct compliance costs, and that is not required by statute, unless the Federal government provides the funds necessary to pay the direct compliance costs incurred by tribal governments, or the EPA consults with tribal officials early in the process of developing the proposed regulation and develops a tribal summary impact statement.

The EPA has concluded that this action may have tribal implications. However, it will neither impose substantial direct compliance costs on tribal governments, nor preempt tribal law. Tribes whose areas of Indian country are being designated as "nonattainment" for the 2008 ozone NAAQS are affected by poor air quality. Although tribes are not required to submit implementation plans under the Clean Air Act, for those tribes whose areas are being designated as part of surrounding state areas, it will be imperative that states and the tribes coordinate on air quality planning efforts to ensure that ozone levels are reduced. In addition, several tribes' areas of Indian country are being designated as "nonattainment" separately from their surrounding state areas. For these tribes, internal capacity for air quality planning will be important to enable their areas of Indian country to come into attainment.

The EPA consulted with tribal officials early in the process of developing this regulation to permit them to have meaningful and timely input into its development. At the beginning of the designations process,

letters were sent to all tribes who were expected to be impacted by designations for the 2008 ozone NAAQS. These letters not only informed the tribes of the overall designations process, but also offered the tribes consultation to ensure early communication and coordination. Additionally, letters were sent to potentially affected tribes indicating the EPA's intended designations for their areas of Indian country. These letters offered an additional opportunity for consultation. All consultations were completed in late February/early April 2012. During consultation, the primary concerns raised by tribes included the following: Impact of nonattainment designation on future economic development; appropriateness of using data from monitors not on tribal land; and ensuring final decisions are consistent with the EPA's "Policy for Establishing Separate Air Quality Designations for Areas of Indian Country." (December 20, 2011). During the consultations, the EPA's Regional Offices ensured that the tribes fully understood the reasoning for the EPA's preliminary designations decisions and how those decisions are aligned with a consideration of the most recent certified air quality data and all other relevant information, including the EPA's "Policy for Establishing Separate Air Quality Designations for Areas of Indian Country." To the extent possible, the EPA included the tribes' input into the final decision-making process for designations of their areas of Indian country for the 2008 ozone NAAQS.

G. Executive Order 13045: Protection of Children From Environmental Health and Safety Risks

The EPA interprets Executive Order 13045 (62 FR 19885, April 23, 1997) as applying only to those regulatory actions that concern health or safety risks, such that the analysis required under section 5–501 of the Executive Order has the potential to influence the regulation. This action is not subject to Executive Order 13045 because it does not establish an environmental standard intended to mitigate health or safety risks.

H. Executive Order 13211: Actions That Significantly Affect Energy Supply, Distribution, or Use

This action is not subject to Executive Order 13211 (66 FR 28355 (May 22, 2001)), because it is not a significant regulatory action under Executive Order 12866.

I. National Technology Transfer and Advancement Act (NTTAA)

Section 12(d) of the NTTAA of 1995, Public Law 104–113, section 12(d) (15 U.S.C. 272 note) directs the EPA to use voluntary consensus standards (VCS) in its regulatory activities unless to do so would be inconsistent with applicable law or otherwise impracticable. Voluntary consensus standards are technical standards (e.g., materials specifications, test methods, sampling procedures, and business practices) that are developed or adopted by VCS bodies. The NTTAA directs the EPA to provide Congress, through the Office of Management and Budget, explanations when the Agency decides not to use available and applicable VCS.

This action does not involve technical standards. Therefore, the EPA did not consider the use of any VCS.

J. Executive Order 12898: Federal Actions To Address Environmental Justice in Minority Populations and Low-Income Populations.

Executive Order 12898 (59 FR 7629 (Feb. 16, 1994)) establishes federal executive policy on environmental justice. Its main provision directs federal agencies, to the greatest extent practicable and permitted by law, to make environmental justice part of their mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of their programs, policies, and activities on minority populations and low-income populations in the U.S.

The CAA requires that the EPA designate as nonattainment "any area that does not meet (or that contributes to ambient air quality in a nearby area that does not meet) the national primary or secondary ambient air quality standard for the pollutant." By designating as nonattainment all areas where available information indicates a violation of the ozone NAAQS or a contribution to a nearby violation, this action protects all those residing, working, attending school, or otherwise present in those areas regardless of minority or economic status.

The EPA has determined that this final rule will not have disproportionately high and adverse human health or environmental effects on minority or low-income populations because it increases the level of environmental protection for all affected populations without having any disproportionately high and adverse human health or environmental effects on any population, including any minority or low-income population.

K. Congressional Review Act

The Congressional Review Act, 5 U.S.C. 801 *et seq.*, as added by the Small Business Regulatory Enforcement Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the U.S. The EPA will submit a report containing this rule and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the U.S. prior to publication of the rule in the **Federal Register**. A major rule cannot take effect until 60 days after it is published in the **Federal Register**. This action is not a "major rule" as defined by 5 U.S.C. 804(2). This rule will be effective July 20, 2012.

L. Judicial Review

Section 307(b)(1) of the CAA indicates which Federal Courts of Appeal have venue for petitions of review of final actions by the EPA. This section provides, in part, that petitions for review must be filed in the Court of Appeals for the District of Columbia Circuit: (i) When the agency action consists of "nationally applicable regulations promulgated, or final actions taken, by the Administrator," or (ii) when such action is locally or regionally applicable, if "such action is based on a determination of nationwide scope or effect and if in taking such action the Administrator finds and publishes that such action is based on such a determination."

This rule designating areas for the 2008 ozone NAAQS is "nationally applicable" within the meaning of section 307(b)(1). This rule establishes designations for areas across the U.S. for the 2008 ozone NAAQS. At the core of this rulemaking is the EPA's interpretation of the definition of nonattainment under section 107(d)(1) of the CAA, and its application of that interpretation to areas across the country.

For the same reasons, the Administrator also is determining that the final designations are of nationwide scope and effect for the purposes of section 307(b)(1). This is particularly appropriate because, in the report on the 1977 Amendments that revised section 307(b)(1) of the CAA, Congress noted that the Administrator's determination that an action is of "nationwide scope or effect" would be appropriate for any action that has a scope or effect beyond a single judicial circuit. H.R. Rep. No. 95–294 at 323, 324, *reprinted* in 1977

U.S.C.C.A.N. 1402–03. Here, the scope and effect of this rulemaking extends to numerous judicial circuits since the designations apply to areas across the country. In these circumstances, section 307(b)(1) and its legislative history calls for the Administrator to find the rule to be of "nationwide scope or effect" and for venue to be in the D.C. Circuit.

Thus, any petitions for review of final designations must be filed in the Court of Appeals for the District of Columbia Circuit within 60 days from the date final action is published in the **Federal Register**.

List of Subjects in 40 CFR Part 81

Environmental protection, Air pollution control, National parks, Wilderness areas.

Dated: April 30, 2012.

Lisa P. Jackson,

Administrator.

For the reasons set forth in the preamble, 40 CFR Part 81, is amended as follows:

PART 81—DESIGNATIONS OF AREAS FOR AIR QUALITY PLANNING PURPOSES

■ 1. The authority citation for part 81 continues to read as follows:

Authority: 42 U.S.C. 7401, *et seq.*

Subpart C–Section 107 Attainment Status Designations

■ 2. Section 81.301 is amended as follows:

■ a. By revising the table heading for "Alabama—Ozone (8-Hour Standard)" to read "Alabama—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Alabama—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table " Alabama—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.301 Alabama.

* * * * *

ALABAMA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
Autauga County		Unclassifiable/Attainment.		
Baldwin County		Unclassifiable/Attainment.		
Barbour County		Unclassifiable/Attainment.		
Bibb County		Unclassifiable/Attainment.		
Blount County		Unclassifiable/Attainment.		
Bullock County		Unclassifiable/Attainment.		
Butler County		Unclassifiable/Attainment.		
Calhoun County		Unclassifiable/Attainment.		
Chambers County		Unclassifiable/Attainment.		
Cherokee County		Unclassifiable/Attainment.		
Chilton County		Unclassifiable/Attainment.		
Choctaw County		Unclassifiable/Attainment.		
Clarke County		Unclassifiable/Attainment.		
Clay County		Unclassifiable/Attainment.		
Cleburne County		Unclassifiable/Attainment.		
Coffee County		Unclassifiable/Attainment.		
Colbert County		Unclassifiable/Attainment.		
Conecuh County		Unclassifiable/Attainment.		
Coosa County		Unclassifiable/Attainment.		
Covington County		Unclassifiable/Attainment.		
Crenshaw County		Unclassifiable/Attainment.		
Cullman County		Unclassifiable/Attainment.		
Dale County		Unclassifiable/Attainment.		
Dallas County		Unclassifiable/Attainment.		
De Kalb County		Unclassifiable/Attainment.		
Elmore County		Unclassifiable/Attainment.		
Escambia County		Unclassifiable/Attainment.		
Fayette County		Unclassifiable/Attainment.		
Franklin County		Unclassifiable/Attainment.		
Geneva County		Unclassifiable/Attainment.		
Greene County		Unclassifiable/Attainment.		
Hale County		Unclassifiable/Attainment.		
Henry County		Unclassifiable/Attainment.		
Houston County		Unclassifiable/Attainment.		
Jackson County		Unclassifiable/Attainment.		
Jefferson County		Unclassifiable/Attainment.		
Lamar County		Unclassifiable/Attainment.		
Lauderdale County		Unclassifiable/Attainment.		
Lawrence County		Unclassifiable/Attainment.		
Lee County		Unclassifiable/Attainment.		
Limestone County		Unclassifiable/Attainment.		
Lowndes County		Unclassifiable/Attainment.		
Macon County		Unclassifiable/Attainment.		
Madison County		Unclassifiable/Attainment.		
Marengo County		Unclassifiable/Attainment.		
Marion County		Unclassifiable/Attainment.		
Marshall County		Unclassifiable/Attainment.		

ALABAMA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
Mobile County		Unclassifiable/Attainment.		
Monroe County		Unclassifiable/Attainment.		
Montgomery County		Unclassifiable/Attainment.		
Morgan County		Unclassifiable/Attainment.		
Perry County		Unclassifiable/Attainment.		
Pickens County		Unclassifiable/Attainment.		
Pike County		Unclassifiable/Attainment.		
Randolph County		Unclassifiable/Attainment.		
Russell County		Unclassifiable/Attainment.		
Shelby County		Unclassifiable/Attainment.		
St. Clair County		Unclassifiable/Attainment.		
Sumter County		Unclassifiable/Attainment.		
Talladega County		Unclassifiable/Attainment.		
Tallapoosa County		Unclassifiable/Attainment.		
Tuscaloosa County		Unclassifiable/Attainment.		
Walker County		Unclassifiable/Attainment.		
Washington County		Unclassifiable/Attainment.		
Wilcox County		Unclassifiable/Attainment.		
Winston County		Unclassifiable/Attainment.		

[1] Includes any Indian country in each county or area, unless otherwise specified.
[2] This date is July 20, 2012, unless otherwise noted.

■ 3. Section 81.302 is amended as follows:

■ a. By revising the table heading for "Alaska—Ozone (8-Hour Standard)" to read "Alaska—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Alaska—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Alaska—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.302 Alaska.

* * * * *

ALASKA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country		Unclassifiable/Attainment ...		

[1] This date is July 20, 2012, unless otherwise noted.

■ 4. Section 81.303 is amended as follows:

■ a. By revising the table heading for "Arizona—Ozone (8-Hour Standard)" to read "Arizona—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Arizona—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Arizona—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.303 Arizona.

* * * * *

ARIZONA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Phoenix-Mesa, AZ: [2]	.....	Nonattainment	.....	Marginal.
Maricopa County (part).				
T1N, R1E (except that portion in Indian Country); T1N, R2E; T1N, R3E; T1N, R4E; T1N, R5E; T1N, R6E; T1N, R7E; T1N, R1W; T1N, R2W; T1N, R3W; T1N, R4W; T1N, R5W; T1N, R6W; T1N, R7W; T1N, R8W; T2N, R1E; T2N, R2E; T2N, R3E; T2N, R4E; T2N, R5E; T2N, R6E; T2N, R7E; T2N, R8E; T2N, R9E; T2N, R10E; T2N, R11E; T2N, R12E (except that portion in Gila County); T2N, R13E (except that portion in Gila County); T2N, R1W; T2N, R2W; T2N, R3W; T2N, R4W; T2N, R5W; T2N, R6W; T2N, R7W; T2N, R8W; T3N, R1E; T3N, R2E; T3N, R3E; T3N, R4E; T3N, R5E; T3N, R6E; T3N, R7E; T3N, R8E; T3N, R9E; T3N, R10E (except that portion in Gila County); T3N, R11E (except that portion in Gila County); T3N, R12E (except that portion in Gila County); T3N, R1W; T3N, R2W; T3N, R3W; T3N, R4W; T3N, R5W; T3N, R6W; T4N, R1E; T4N, R2E; T4N, R3E; T4N, R4E; T4N, R5E; T4N, R6E; T4N, R7E; T4N, R8E; T4N, R9E; T4N, R10E (except that portion in Gila County); T4N, R11E (except that portion in Gila County); T4N, R12E (except that portion in Gila County); T4N, R1W; T4N, R2W; T4N, R3W; T4N, R4W; T4N, R5W; T4N, R6W; T5N, R1E; T5N, R2E; T5N, R3E; T5N, R4E; T5N, R5E; T5N, R6E; N, R8E; T5N, R9E (except that portion in Gila County); T5N, R10E (except that portion in Gila County); T5N, R1W; T5N, R2W; T5N, R3W; T5N, R4W; T5N, R5W; T6N, R1E (except that portion in Yavapai County); T6N, R2E; T6N, R3E; T6N, R4E; T6N, R5E; T6N, R6E; T6N, R7E; T6N, R8E; T6N, R9E (except that portion in Gila County); T6N, R10E (except that portion in Gila County); T6N, R1W (except that portion in Yavapai County); T6N, R2W; T6N, R3W; T6N, R4W; T6N, R5W; T7N, R1E; (except that portion in Yavapai County); T7N, R2E (except that portion in Yavapai County); T7N, R3E; T7N, R4E; T7N, R5E; T7N, R6E; T7N, R7E; T7N, R8E; T7N, R9E (except that portion in Gila County); T7N, R1W (except that portion in Yavapai County); T7N, R2W (except that portion in Yavapai County); T8N, R2E (except that portion in Yavapai County); T8N, R3E (except that portion in Yavapai County); T8N, R4E (except that portion in Yavapai County); T8N, R5E (except that portion in Yavapai County); T8N, R6E (except that portion in Yavapai County); T8N, R7E (except that portion in Yavapai County); T8N, R8E (except that portion in Yavapai and Gila Counties); T8N, R9E (except that portion in Yavapai and Gila Counties); T1S, R1E (except that portion in Indian Country); T1S, R2E (except that portion in Pinal County and in Indian Country); T1S, R3E; T1S, R4E; T1S, R5E; T1S, R6E; T1S, R7E; T1S, R1W; T1S, R2W; T1S, R3W; T1S, R4W; T1S, R5W; T1S, R6W; T2S, R1E (except that portion in Indian Country); T2S, R5E; T2S, R6E; T2S, R7E; T2S, R1W; T2S, R2W; T2S, R3W; T2S, R4W; T2S, R5W; T3S, R1E; T3S, R1W; T3S, R2W; T3S, R3W; T3S, R4W; T3S, R5W; T4S, R1E; T4S, R1W; T4S, R2W; T4S, R3W; T4S, R4W; T4S, R5W; T5S, R4W (Sections 1 through 22 and 27 through 34)				
Pinal County (part) Apache Junction:				
T1N, R8E; T1S, R8E (Sections 1 through 12).				
Fort McDowell Yavapai Nation [3].				
Salt River Pima-Maricopa Indian Community of the Salt River Reservation [3].				
Tohono O'odham Nation of Arizona [3].				
Rest of State: [4]	.....	Unclassifiable/Attainment.		
Apache County				
Cochise County				
Coconino County				
Gila County				
Graham County				
Greenlee County				
La Paz County				
Maricopa County (part) remainder				
Mohave County				
Navajo County				

ARIZONA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Pima County Pinal County (part) remainder Santa Cruz County Yavapai County Yuma County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.
[4] Includes any Indian country in each county or area, unless otherwise specified.

■ 5. Section 81.304 is amended as follows:

■ a. By revising the table heading for "Arkansas—Ozone (8-Hour Standard)" to read "Arkansas—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Arkansas—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Arkansas—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.304 Arkansas.

* * * * *

ARKANSAS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Memphis, TN-MS-AR [2] Crittenden County	.....	Nonattainment	.....	Marginal.
Rest of State: [3]				
Ashley County	.....	Unclassifiable/Attainment.		
Arkansas County	.....	Unclassifiable/Attainment.		
Baxter County	.....	Unclassifiable/Attainment.		
Benton County	.....	Unclassifiable/Attainment.		
Boone County	.....	Unclassifiable/Attainment.		
Bradley County	.....	Unclassifiable/Attainment.		
Calhoun County	.....	Unclassifiable/Attainment.		
Carroll County	.....	Unclassifiable/Attainment.		
Chicot County	.....	Unclassifiable/Attainment.		
Clark County	.....	Unclassifiable/Attainment.		
Clay County	.....	Unclassifiable/Attainment.		
Cleburne County	.....	Unclassifiable/Attainment.		
Cleveland County	.....	Unclassifiable/Attainment.		
Columbia County	.....	Unclassifiable/Attainment.		
Conway County	.....	Unclassifiable/Attainment.		
Craighead County	.....	Unclassifiable/Attainment.		
Crawford County	.....	Unclassifiable/Attainment.		
Crittenden County	.....	Unclassifiable/Attainment.		
Cross County	.....	Unclassifiable/Attainment.		
Dallas County	.....	Unclassifiable/Attainment.		
Desha County	.....	Unclassifiable/Attainment.		
Drew County	.....	Unclassifiable/Attainment.		
Faulkner County	.....	Unclassifiable/Attainment.		
Franklin County	.....	Unclassifiable/Attainment.		
Fulton County	.....	Unclassifiable/Attainment.		
Garland County	.....	Unclassifiable/Attainment.		
Grant County	.....	Unclassifiable/Attainment.		
Greene County	.....	Unclassifiable/Attainment.		
Hempstead County	.....	Unclassifiable/Attainment.		
Hot Spring County	.....	Unclassifiable/Attainment.		
Howard County	.....	Unclassifiable/Attainment.		
Independence County	.....	Unclassifiable/Attainment.		
Izard County	.....	Unclassifiable/Attainment.		
Jackson County	.....	Unclassifiable/Attainment.		
Jefferson County	.....	Unclassifiable/Attainment.		
Johnson County	.....	Unclassifiable/Attainment.		
Lafayette County	.....	Unclassifiable/Attainment.		
Lawrence County	.....	Unclassifiable/Attainment.		
Lee County	.....	Unclassifiable/Attainment.		

ARKANSAS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Lincoln County		Unclassifiable/Attainment.		
Little River County		Unclassifiable/Attainment.		
Logan County		Unclassifiable/Attainment.		
Lonoke County		Unclassifiable/Attainment.		
Madison County		Unclassifiable/Attainment.		
Marion County		Unclassifiable/Attainment.		
Miller County		Unclassifiable/Attainment.		
Mississippi County		Unclassifiable/Attainment.		
Monroe County		Unclassifiable/Attainment.		
Montgomery County		Unclassifiable/Attainment.		
Nevada County		Unclassifiable/Attainment.		
Newton County		Unclassifiable/Attainment.		
Ouachita County		Unclassifiable/Attainment.		
Perry County		Unclassifiable/Attainment.		
Phillips County		Unclassifiable/Attainment.		
Pike County		Unclassifiable/Attainment.		
Poinsett County		Unclassifiable/Attainment.		
Polk County		Unclassifiable/Attainment.		
Pope County		Unclassifiable/Attainment.		
Prairie County		Unclassifiable/Attainment.		
Pulaski County		Unclassifiable/Attainment.		
Randolph County		Unclassifiable/Attainment.		
St. Francis County		Unclassifiable/Attainment.		
Saline County		Unclassifiable/Attainment.		
Scott County		Unclassifiable/Attainment.		
Searcy County		Unclassifiable/Attainment.		
Sebastian County		Unclassifiable/Attainment.		
Sevier County		Unclassifiable/Attainment.		
Sharp County		Unclassifiable/Attainment.		
Stone County		Unclassifiable/Attainment.		
Union County		Unclassifiable/Attainment.		
Van Buren County		Unclassifiable/Attainment.		
Washington County		Unclassifiable/Attainment.		
White County		Unclassifiable/Attainment.		
Woodruff County		Unclassifiable/Attainment.		
Yell County		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 6. Section 81.305 is amended as follows:

■ a. By revising the table heading for "California—Ozone (8-Hour Standard)" to read "California—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "California—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "California—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.305 California.

* * * * *

CALIFORNIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Calaveras County, CA: [2] Calaveras County		Nonattainment		Marginal.
Chico (Butte County), CA: [2]		Nonattainment		Marginal.
Butte County				
Berry Creek Rancheria of Maidu Indians of California [3]				
Enterprise Rancheria of Maidu Indians of California [3].				
Mechoopda Indian Tribe of Chico Rancheria [3].				
Mooretown Rancheria of Maidu Indians of California [3].				
Imperial County, CA: [2]		Nonattainment		Marginal.
Imperial County				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Quechan Tribe of the Fort Yuma Indian Reservation [3].				
Torres Martinez Desert Cahuilla Indians [3].				
Kern County (Eastern Kern), CA: [2]	.....	Nonattainment	.....	Marginal.
Kern County (part)				
That portion of Kern County (with the exception of that portion in Hydrologic Unit Number 18090205—the Indian Wells Valley) east and south of a line described as follows: Beginning at the Kern-Los Angeles County boundary and running north and east along the northwest boundary of the Rancho La Liebre Land Grant to the point of intersection with the range line common to Range 16 West and Range 17 West, San Bernardino Base and Meridian; north along the range line to the point of intersection with the Rancho El Tejon Land Grant boundary; then southeast, northeast, and northwest along the boundary of the Rancho El Tejon Grant to the northwest corner of Section 3, Township 11 North, Range 17 West; then west 1.2 miles; then north to the Rancho El Tejon Land Grant boundary; then northwest along the Rancho El Tejon line to the southeast corner of Section 34, Township 32 South, Range 30 East, Mount Diablo Base and Meridian; then north to the northwest corner of Section 35, Township 31 South, Range 30 East; then northeast along the boundary of the Rancho El Tejon Land Grant to the southwest corner of Section 18, Township 31 South, Range 31 East; then east to the southeast corner of Section 13, Township 31 South, Range 31 East; then north along the range line common to Range 31 East and Range 32 East, Mount Diablo Base and Meridian, to the northwest corner of Section 6, Township 29 South, Range 32 East; then east to the southwest corner of Section 31, Township 28 South, Range 32 East; then north along the range line common to Range 31 East and Range 32 East to the northwest corner of Section 6, Township 28 South, Range 32 East, then west to the southeast corner of Section 36, Township 27 South, Range 31 East, then north along the range line common to Range 31 East and Range 32 East to the Kern-Tulare County boundary.				
Los Angeles-San Bernardino Counties (West Mojave Desert), CA: [2].	.....	Nonattainment	.....	Severe 15.
Los Angeles County (part)				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of Los Angeles County which lies north and east of a line described as follows: Beginning at the Los Angeles-San Bernardino County boundary and running west along the Township line common to Township 3 North and Township 2 North, San Bernardino Base and Meridian; then north along the range line common to Range 8 West and Range 9 West; then west along the Township line common to Township 4 North and Township 3 North; then north along the range line common to Range 12 West and Range 13 West to the southeast corner of Section 12, Township 5 North and Range 13 West; then west along the south boundaries of Sections 12, 11, 10, 9, 8, and 7, Township 5 North and Range 13 West to the boundary of the Angeles National Forest which is collinear with the range line common to Range 13 West and Range 14 West; then north and west along the Angeles National Forest boundary to the point of intersection with the Township line common to Township 7 North and Township 6 North (point is at the northwest corner of Section 4 in Township 6 North and Range 14 West); then west along the Township line common to Township 7 North and Township 6 North; then north along the range line common to Range 15 West and Range 16 West to the southeast corner of Section 13, Township 7 North and Range 16 West; then along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 7 North and Range 16 West; then north along the range line common to Range 16 West and Range 17 West to the north boundary of the Angeles National Forest (collinear with the Township line common to Township 8 North and Township 7 North); then west and north along the Angeles National Forest boundary to the point of intersection with the south boundary of the Rancho La Liebre Land Grant; then west and north along this land grant boundary to the Los Angeles-Kern County boundary.				
San Bernardino County (part)				
That portion of San Bernardino County which lies north and east of a line described as follows: Beginning at the San Bernardino-Riverside County boundary and running north along the range line common to Range 3 East and Range 2 East, San Bernardino Base and Meridian; then west along the Township line common to Township 3 North and Township 2 North to the San Bernardino-Los Angeles County boundary; and that portion of San Bernardino County which lies south and west of a line described as follows: latitude 35 degrees, 10 minutes north and longitude 115 degrees, 45 minutes west.				
Twenty-Nine Palms Band of Mission Indians of California [3].				
Los Angeles-South Coast Air Basin, CA [2]	.....	Nonattainment	.....	Extreme.
Los Angeles County (part)				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of Los Angeles County which lies south and west of a line described as follows: Beginning at the Los Angeles-San Bernardino County boundary and running west along the Township line common to Township 3 North and Township 2 North San Bernardino Base and Meridian; then north along the range line common to Range 8 West and Range 9 West; then west along the Township line common to Township 4 North and Township 3 North; then north along the range line common to Range 12 West and Range 13 West to the southeast corner of Section 12, Township 5 North and Range 13 West; then west along the south boundaries of Sections 12, 11, 10, 9, 8, and 7, Township 5 North and Range 13 West to the boundary of the Angeles National Forest which is collinear with the range line common to Range 13 West and Range 14 West; then north and west along the Angeles National Forest boundary to the point of intersection with the Township line common to Township 7 North and Township 6 North (point is at the northwest corner of Section 4 in Township 6 North and Range 14 West); then west along the Township line common to Township 7 North and Township 6 North; then north along the range line common to Range 15 West and Range 16 West to the southeast corner of Section 13, Township 7 North and Range 16 West; then along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 7 North and Range 16 West; then north along the range line common to Range 16 West and Range 17 West to the north boundary of the Angeles National Forest (collinear with the Township line common to Township 8 North and Township 7 North); then west and north along the Angeles National Forest boundary to the point of intersection with the south boundary of the Rancho La Liebre Land Grant; then west and north along this land grant boundary to the Los Angeles-Kern County boundary.				
Orange County				
Riverside County (part)				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of Riverside County which lies to the west of a line described as follows: Beginning at the Riverside-San Diego County boundary and running north along the range line common to Range 4 East and Range 3 East, San Bernardino Base and Meridian; then east along the Township line common to Township 8 South and Township 7 South; then north along the range line common to Range 5 East and Range 4 East; then west along the southern boundaries of Sections 25, 26, and 27, Township 7 South, Range 4 East, then North along the west boundaries of Sections 27, 22, 15, 10, and 3 Township 7 South, Range 4 East, then East along the Township line common to Township 6 South and Township 7 South to the southwest corner of Section 34, Township 6 South, Range 4 East; then north along the west boundaries of Sections 34, 27, 22, 15, 10, and 3, Township 6 South, Range 4 East; then west along the Township line common to Township 5 South and Township 6 South; then north along the range line common to Range 4 East and Range 3 East; then west along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 5 South, Range 3 East; then north along the range line common to Range 2 East and Range 3 East; to the Riverside-San Bernardino County line.				
San Bernardino County (part)				
That portion of San Bernardino County which lies south and west of a line described as follows: Beginning at the San Bernardino-Riverside County boundary and running north along the range line common to Range 3 East and Range 2 East, San Bernardino Base and Meridian; then west along the Township line common to Township 3 North and Township 2 North to the San Bernardino-Los Angeles County boundary.				
Cahuilla Band of Mission Indians of the Cahuilla Reservation [3].				
Ramona Band of Cahuilla [3].				
San Manuel Band of Mission Indians [3].				
Soboba Band of Luiseno Indians [3].				
Mariposa County, CA: [2] Mariposa County	.....	Nonattainment	.....	Marginal.
Nevada County (Western part), CA: [2]	.....	Nonattainment	.....	Marginal.
Nevada County (part)				
That portion of Nevada County, which lies west of a line, described as follows: Beginning at the Nevada-Placer County boundary and running north along the western boundaries of Sections 24, 13, 12, 1, Township 17 North, Range 14 East, Mount Diablo Base and Meridian, and Sections 36, 25, 24, 13, 12, Township 18 North, Range 14 East to the Nevada-Sierra County boundary.				
Riverside County (Coachella Valley), CA: [2]	.....	Nonattainment	.....	Severe 15.
Riverside County (part)				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of Riverside County which lies to the east of a line described as follows: Beginning at the Riverside-San Diego County boundary and running north along the range line common to Range 4 East and Range 3 East, San Bernardino Base and Meridian; then east along the Township line common to Township 8 South and Township 7 South; then north along the range line common to Range 5 East and Range 4 East; then west along the Township line common to Township 6 South and Township 7 South to the southwest corner of Section 34, Township 6 South, Range 4 East; then north along the west boundaries of Sections 34, 27, 22, 15, 10, and 3, Township 6 South, Range 4 East; then west along the Township line common to Township 5 South and Township 6 South; then north along the range line common to Range 4 East and Range 3 East; then west along the south boundaries of Sections 13, 14, 15, 16, 17, and 18, Township 5 South, Range 3 East; then north along the range line common to Range 2 East and Range 3 East; to the Riverside-San Bernardino County line. And that portion of Riverside County which lies to the west of a line described as follows: That segment of the southwestern boundary line of hydrologic Unit Number 18100100 within Riverside County.				
Agua Caliente Band of Cahuilla Indians of the Agua Caliente Indian Reservation [3].				
Augustine Band of Cahuilla Indians [3].				
Cabazon Band of Mission Indians [3].				
Santa Rosa Band of Cahuilla Indians [3].				
Torres Martinez Desert Cahuilla Indians [3].				
Twenty-Nine Palms Band of Mission Indians of California [3].				
Sacramento Metro, CA: [2]	.....	Nonattainment	.....	Severe 15.
El Dorado County (part)				
All portions of the county except that portion of El Dorado County within the drainage area naturally tributary to Lake Tahoe including said Lake.				
Placer County (part)				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
All portions of the county except that portion of Placer County within the drainage area naturally tributary to Lake Tahoe including said Lake, plus that area in the vicinity of the head of the Truckee River described as follows: Commencing at the point common to the aforementioned drainage area crestline and the line common to Townships 15 North and 16 North, Mount Diablo Base and Meridian, and following that line in a westerly direction to the northwest corner of Section 3, Township 15 North, Range 16 East Mount Diablo Base and Meridian, thence south along the west line of Sections 3 and 10, Township 15 North, Range 16 East, Mount Diablo Base and Meridian, to the intersection with the said drainage area crestline, thence following the said drainage area boundary in a southeasterly, then northeasterly direction to and along the Lake Tahoe Dam, thence following the said drainage area crestline in a northeasterly, then northwesterly direction to the point of beginning.				
Sacramento County				
Solano County (part)				
That portion of Solano County which lies north and east of a line described as follows: Beginning at the intersection of the westerly boundary of Solano County and the ¼ section line running east and west through the center of Section 34; Township 6 North, Range 2 West, Mount Diablo Base and Meridian, thence east along said ¼ section line to the east boundary of Section 36, Township 6 North, Range 2 West, thence south ½ mile and east 2.0 miles, more or less, along the west and south boundary of Los Putos Rancho to the northwest corner of Section 4, Township 5 North, Range 1 West, thence east along a line common to Township 5 North and Township 6 North to the northeast corner of Section 3, Township 5 North, Range 1 East, thence south along section lines to the southeast corner of Section 10, Township 3 North, Range 1 East, thence east along section lines to the south ¼ corner of Section 8, Township 3 North, Range 2 East, thence east to the boundary between Solano and Sacramento Counties.				
Sutter County (part)				
Portion south of a line connecting the northern border of Yolo County to the SW tip of Yuba County and continuing along the southern Yuba County border to Placer County.				
Yolo County				
Shingle Springs Band of Miwok Indians, Shingle Springs Rancheria (Verona Tract) [3].				
United Auburn Indian Community of the Auburn Rancheria of California [3].				
Yocha Dehe Wintun Nation [3].				
San Diego County, CA: [2]	.....	Nonattainment	.....	Marginal.
San Diego County				
Barona Group of Capitan Grande Band of Mission Indians of the Barona Reservation [3].				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Campo Band of Diegueno Mission Indians of the Campo Indian Reservation [3].				
Capitan Grande Band of Diegueno Mission Indians of California [3].				
Ewiiaapaayp Band of Kumayaay Indians [3].				
Iipay Nation of Santa Ysabel [3].				
Inaja Band of Diegueno Mission Indians of the Inaja and Cosmit Reservation [3].				
Jamul Indian Village of California [3].				
La Jolla Band of Luiseno Indians [3].				
La Posta Band of Diegueno Mission Indians of the La Posta Indian Reservation [3].				
Los Coyotes Band of Cahuilla and Cupeno Indians [3].				
Manzanita Band of Diegueno Mission Indians of the Manzanita Reservation [3].				
Mesa Grande Band of Diegueno Mission Indians of the Mesa Grande Reservation [3].				
Pala Band of Luiseno Mission Indians of the Pala Reservation [3].				
Pauma Band of Luiseno Mission Indians of the Pauma and Yuima Reservation [3].				
Rincon Band of Luiseno Mission Indians of the Rincon Reservation [3].				
San Pasqual Band of Diegueno Mission Indians of California [3].				
Sycuan Band of the Kumeyaay Nation [3].				
Viejas (Baron Long) Group of Capitan Grande Band of Mission Indians [3].				
San Francisco Bay Area, CA: [2]	.....	Nonattainment	.....	Marginal.
Alameda County				
Contra Costa County				
Marin County				
Napa County				
San Francisco County				
San Mateo County				
Santa Clara County				
Solano County (part)				
Portion of Solano County which lies south and west of a line described as follows: Beginning at the intersection of the westerly boundary of Solano County and the ¼ section line running east and west through the center of Section 34, T6N, R2W, M.D.B. & M., thence east along said ¼ section line to the east boundary of Section 36, T6N, R2W, thence south ½ mile and east 2.0 miles, more or less, along the west and south boundary of Los Putos Rancho to the northwest corner of Section 4, T5N, R1W, thence east along a line common to T5N and T6N to the northeast corner of Section 3, T5N, R1E, thence south along section lines to the southeast corner of Section 10, T3N, R1E, thence east along section lines to the south ¼ corner of Section 8, T3N, R2E, thence east to the boundary between Solano and Sacramento Counties.				
Sonoma County (part)				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of Sonoma County which lies south and east of a line described as follows: Beginning at the southeasterly corner of the Rancho Estero Americano, being on the boundary line between Marin and Sonoma Counties, California; thence running northerly along the easterly boundary line of said Rancho Estero Americano to the northeasterly corner thereof, being an angle corner in the westerly boundary line of Rancho Canada de Jonive; thence running along said boundary of Rancho Canada de Jonive westerly, northerly and easterly to its intersection with the easterly line of Graton Road; thence running along the easterly and southerly line of Graton Road, northerly and easterly to its intersection with the easterly line of Sullivan Road; thence running northerly along said easterly line of Sullivan Road to the southerly line of Green Valley Road; thence running easterly along the said southerly line of Green Valley Road and easterly along the southerly line of State Highway 116, to the westerly line of Vine Hill Road; thence Running along the westerly and northerly line of Vine Hill Road, northerly and easterly to its intersection with the westerly line of Laguna Road; thence running northerly along the westerly line of Laguna Road and the northerly projection thereof to the northerly line of Trenton Road; thence running westerly along the northerly line of said Trenton Road to the easterly line of Trenton-Healdsburg Road; thence running northerly along said easterly line of Trenton-Healdsburg Road to the easterly line of Eastside Road; thence running northerly along said easterly line of Eastside Road to its intersection with the southerly line of Rancho Sotoyome; thence running easterly along said southerly line of Rancho Sotoyome to its intersection with the Township line common to Townships 8 and 9 North, M.D.M.; thence running easterly along said township line to its intersection with the boundary line between Sonoma and Napa Counties.				
Federated Indians of Graton Rancheria [3]				
Lytton Rancheria of California [3].				
San Joaquin Valley, CA: [2]	.....	Nonattainment	.....	Extreme.
Fresno County				
Kern County (part)				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of Kern County which lies west and north of a line described as follows: Beginning at the Kern-Los Angeles County boundary and running north and east along the northwest boundary of the Rancho La Libre Land Grant to the point of intersection with the range line common to R. 16 W. and R. 17 W., San Bernardino Base and Meridian; north along the range line to the point of intersection with the Rancho El Tejon Land Grant boundary; then southeast, northeast, and northwest along the boundary of the Rancho El Tejon Land Grant to the northwest corner of S. 3, T. 11 N., R. 17 W.; then west 1.2 miles; then north to the Rancho El Tejon Land Grant boundary; then northwest along the Rancho El Tejon line to the southeast corner of S. 34, T. 32 S., R. 30 E., Mount Diablo Base and Meridian; then north to the northwest corner of S. 35, T. 31 S., R. 30 E.; then northeast along the boundary of the Rancho El Tejon Land Grant to the southwest corner of S. 18, T. 31 S., R. 31 E.; then east to the southeast corner of S. 13, T. 31 S., R. 31 E.; then north along the range line common to R. 31 E. and R. 32 E., Mount Diablo Base and Meridian, to the northwest corner of S. 6, T. 29 S., R. 32 E.; then east to the southwest corner of S. 31, T. 28 S., R. 32 E.; then north along the range line common to R. 31 E. and R. 32 E. to the northwest corner of S. 6, T. 28 S., R. 32 E., then west to the southeast corner of S. 36, T. 27 S., R. 31 E., then north along the range line common to R. 31 E. and R. 32 E. to the Kern-Tulare County boundary.				
Kings County				
Madera County				
Merced County				
San Joaquin County				
Stanislaus County				
Tulare County				
Big Sandy Rancheria of Mono Indians of California [3].				
Cold Springs Rancheria of Mono Indians of California [3].				
Northfork Rancheria of Mono Indians of California [3].				
Picayune Rancheria of Chukchansi Indians of California [3].				
Santa Rosa Indian Community of the Santa Rosa Rancheria [3].				
Table Mountain Rancheria of California [3].				
Tule River Indian Tribe of the Tule River Reservation [3].				
San Luis Obispo (Eastern San Luis Obispo), CA: [2]	.....	Nonattainment	.....	Marginal.
San Luis Obispo County (part)				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of San Luis Obispo County that lies east of a line described as follows: Beginning at the San Luis Obispo County/Santa Barbara County boundary and running north along 120 degrees 24 minutes longitude to the intersection with 35 degrees 27 minutes latitude; east along 35 degrees 27 minutes latitude to the intersection with 120 degrees 18 minutes longitude; then north along 120 degrees 18 minutes longitude to the San Luis Obispo County/Monterey County boundary.				
Tuscan Buttes, CA: [2]	.....	Nonattainment	.....	Marginal.
Tehama County (part)				
Those portions of the immediate Tuscan Buttes area at or above 1,800 feet in elevation.				
Ventura County, CA: [2]	.....	Nonattainment	.....	Serious.
Ventura County (part)				
That part of Ventura County excluding the Channel Islands of Anacapa and San Nicolas Islands.				
Morongo Band of Mission Indians [3]	.....	Nonattainment	.....	Serious.
Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation [3].	.....	Nonattainment	.....	Moderate.
Rest of State: [4]				
Alpine, Inyo, and Mono Counties:	.....	Unclassifiable/Attainment.		
Alpine County				
Inyo County				
Mono County				
Amador County	.....	Unclassifiable/Attainment.		
Channel Islands (Ventura County)	.....	Unclassifiable/Attainment.		
Ventura County (part) remainder.				
Colusa County	.....	Unclassifiable/Attainment.		
Del Norte, Humboldt, and Trinity Counties):	.....	Unclassifiable/Attainment.		
Del Norte County				
Humboldt County				
Trinity County				
Nevada County (part) remainder	.....	Unclassifiable/Attainment.		
Glenn County	.....	Unclassifiable/Attainment.		
Kern County (part) remainder	.....	Unclassifiable/Attainment.		
Lake County	.....	Unclassifiable/Attainment.		
Lake Tahoe (El Dorado County Portion):	.....	Unclassifiable/Attainment.		
El Dorado County (part) remainder				
Lake Tahoe (Placer County Portion):	.....	Unclassifiable/Attainment.		
Placer County (part) remainder.				
Lassen County	.....	Unclassifiable/Attainment.		
Mendocino County	.....	Unclassifiable/Attainment.		
Modoc County	.....	Unclassifiable/Attainment.		
Monterey County	.....	Unclassifiable/Attainment.		
Northeastern San Bernardino County and Eastern Riverside County.	.....	Unclassifiable/Attainment.		
San Bernardino County (part) remainder				
Riverside County (part) remainder				
Sonoma County (part) remainder	.....	Unclassifiable/Attainment.		
Sutter County and Yuba County	.....	Unclassifiable/Attainment.		
Sutter County (part) remainder				
Yuba County				
Plumas and Sierra Counties	.....	Unclassifiable/Attainment.		
San Benito County	.....	Unclassifiable/Attainment.		
Santa Barbara County	.....	Unclassifiable/Attainment.		
Santa Cruz County	.....	Unclassifiable/Attainment.		
Shasta County	.....	Unclassifiable/Attainment.		
Siskiyou County	.....	Unclassifiable/Attainment.		
Tehama County (part) remainder	.....	Unclassifiable/Attainment.		
Tuolumne County	.....	Unclassifiable/Attainment.		
San Luis Obispo County (part) remainder	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.
[4] Includes any Indian country in each county or area, unless otherwise specified.

■ 7. Section 81.306 is amended as follows:
■ a. By revising the table heading for "Colorado—Ozone (8-Hour Standard)" to read "Colorado—1997 8-Hour Ozone NAAQS (Primary and Secondary)"
■ b. By adding a new table entitled "Colorado—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Colorado—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.306 Colorado.

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COLORADO—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Denver-Boulder-Greeley-Ft. Collins-Loveland, CO: [2]	.....	Nonattainment	.....	Marginal.
Adams County				
Arapahoe County				
Boulder County				
Broomfield County				
Denver County				
Douglas County				
Jefferson County				
Larimer County (part)				
That portion of the county that lies south of a line described as follows: Beginning at a point on Larimer County's eastern boundary and Weld County's western boundary intersected by 40 degrees, 42 minutes, and 47.1 seconds north latitude, proceed west to a point defined by the intersection of 40 degrees, 42 minutes, 47.1 seconds north latitude and 105 degrees, 29 minutes, and 40.0 seconds west longitude, thence proceed south on 105 degrees, 29 minutes, 40.0 seconds west longitude to the intersection with 40 degrees, 33 minutes and 17.4 seconds north latitude, thence proceed west on 40 degrees, 33 minutes, 17.4 seconds north latitude until this line intersects Larimer County's western boundary and Grand County's eastern boundary.				
Weld County (part)				
That portion of the county that lies south of a line described as follows: Beginning at a point on Weld County's eastern boundary and Logan County's western boundary intersected by 40 degrees, 42 minutes, 47.1 seconds north latitude, proceed west on 40 degrees, 42 minutes, 47.1 seconds north latitude until this line intersects Weld County's western boundary and Larimer County's eastern boundary.				
Southern Ute Indian Tribe of the Southern Ute Reservation [3].	.....	Unclassifiable/Attainment.		
Rest of State and Rest of Indian Country	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.

■ 8. Section 81.307 is amended as follows:
■ a. By revising the table heading for "Connecticut—Ozone (8-Hour Standard)" to read "Connecticut—1997 8-Hour Ozone NAAQS (Primary and Secondary)"
■ b. By adding a new table entitled "Connecticut—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Connecticut—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.307 Connecticut.

* * * * *

CONNECTICUT—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Greater Connecticut, CT: [2]	.....	Nonattainment	.....	Marginal.
Hartford County				
Litchfield County				
New London County				
Tolland County				
Windham County				
Mashantucket Pequot Tribe of Connecticut [3]				
Mohegan Indian Tribe of Connecticut [3]				
New York-N. New Jersey-Long Island NY-NJ-CT: [2]	.....	Nonattainment	.....	Marginal.
Fairfield County				
Middlesex County				
New Haven County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.

■ 9. Section 81.308 is amended as follows:

■ a. By revising the table heading for "Delaware—Ozone (8-Hour Standard)" to read "Delaware—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Delaware—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Delaware—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.308 Delaware.

* * * * *

DELAWARE—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE: [2]				
New Castle County	.....	Nonattainment	.....	Marginal.
Seaford: [2]				
Sussex County	.....	Nonattainment	.....	Marginal.
Rest of State: [3]				
Southern Delaware Intrastate AQCR: (remainder)				
Kent County	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 10. Section 81.309 is amended as follows:

■ a. By revising the table heading for "District of Columbia—Ozone (8-Hour Standard)" to read "District of Columbia—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "District of Columbia—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "District of Columbia—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.309 District of Columbia.

* * * * *

DISTRICT OF COLUMBIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Washington, DC-MD-VA: District of Columbia [2]	.....	Nonattainment	.....	Marginal.

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.

■ 11. Section 81.310 is amended as follows:

■ a. By revising the table heading for "Florida—Ozone (8-Hour Standard)" to read "Florida—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Florida—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Florida—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.310 Florida.

* * * * *

FLORIDA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide: [2]	.....	Unclassifiable/Attainment.		
Alachua County				
Baker County				
Bay County				
Bradford County				
Brevard County				
Broward County				
Calhoun County				
Charlotte County				
Citrus County				
Clay County				
Collier County				
Columbia County				
DeSoto County				
Dixie County				
Duval County				
Escambia County				
Flagler County				
Franklin County				
Gadsden County				
Gilchrist County				
Glades County				
Gulf County				
Hamilton County				
Hardee County				
Hendry County				
Hernando County				
Highlands County				
Hillsborough County				
Holmes County				
Indian River County				
Jackson County				
Jefferson County				
Lafayette County				
Lake County				
Lee County				
Leon County				
Levy County				
Liberty County				
Madison County				
Manatee County				
Marion County				
Martin County				
Miami-Dade County				
Monroe County				
Nassau County				
Okaloosa County				
Okeechobee County				
Orange County				
Osceola County				
Palm Beach County				
Pasco County				
Pinellas County				
Polk County				
Putnam County				
St. Johns County				
St. Lucie County				
Santa Rosa County				
Sarasota County				
Seminole County				
Sumter County				
Suwannee County				

FLORIDA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Taylor County				
Union County				
Volusia County				
Wakulla County				
Walton County				
Washington County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Includes any Indian country located in each county or area, unless otherwise noted.

■ 12. Section 81.311 is amended as follows:
■ a. By revising the table heading for "Georgia—Ozone (8-Hour Standard)" to read "Georgia—1997 8-Hour Ozone NAAQS (Primary and Secondary)"
■ b. By adding a new table entitled "Georgia—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Georgia—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.311 Georgia.

* * * * *

GEORGIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Atlanta, GA: [2]	.....	Nonattainment	.....	Marginal.
Bartow County				
Cherokee County				
Clayton County				
Cobb County				
Coweta County				
DeKalb County				
Douglas County				
Fayette County				
Forsyth County				
Fulton County				
Gwinnett County				
Henry County				
Newton County				
Paulding County				
Rockdale County				
Rest of State: [3]				
Appling County	.....	Unclassifiable/Attainment.		
Atkinson County	.....	Unclassifiable/Attainment.		
Bacon County	.....	Unclassifiable/Attainment.		
Baker County	.....	Unclassifiable/Attainment.		
Baldwin County	.....	Unclassifiable/Attainment.		
Banks County	.....	Unclassifiable/Attainment.		
Barrow County	.....	Unclassifiable/Attainment.		
Ben Hill County	.....	Unclassifiable/Attainment.		
Berrien County	.....	Unclassifiable/Attainment.		
Bibb County	.....	Unclassifiable/Attainment.		
Bleckley County	.....	Unclassifiable/Attainment.		
Brantley County	.....	Unclassifiable/Attainment.		
Brooks County	.....	Unclassifiable/Attainment.		
Bryan County		Unclassifiable/Attainment.		
Bulloch County	.....	Unclassifiable/Attainment.		
Burke County	.....	Unclassifiable/Attainment.		
Butts County	.....	Unclassifiable/Attainment.		
Calhoun County	.....	Unclassifiable/Attainment.		
Camden County	.....	Unclassifiable/Attainment.		
Candler County	.....	Unclassifiable/Attainment.		
Carroll County	.....	Unclassifiable/Attainment.		
Catoosa County	.....	Unclassifiable/Attainment.		
Charlton County		Unclassifiable/Attainment.		
Chatham County	.....	Unclassifiable/Attainment.		
Chattahoochee County	.....	Unclassifiable/Attainment.		
Chattooga County	.....	Unclassifiable/Attainment.		
Clarke County	.....	Unclassifiable/Attainment.		

GEORGIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Clay County		Unclassifiable/Attainment.		
Clinch County		Unclassifiable/Attainment.		
Coffee County		Unclassifiable/Attainment.		
Colquitt County		Unclassifiable/Attainment.		
Columbia County		Unclassifiable/Attainment.		
Cook County		Unclassifiable/Attainment.		
Crawford County		Unclassifiable/Attainment.		
Crisp County		Unclassifiable/Attainment.		
Dade County		Unclassifiable/Attainment.		
Dawson County		Unclassifiable/Attainment.		
Decatur County		Unclassifiable/Attainment.		
Dodge County		Unclassifiable/Attainment.		
Dooly County		Unclassifiable/Attainment.		
Dougherty County		Unclassifiable/Attainment.		
Early County		Unclassifiable/Attainment.		
Echols County		Unclassifiable/Attainment.		
Effingham County		Unclassifiable/Attainment.		
Elbert County		Unclassifiable/Attainment.		
Emanuel County		Unclassifiable/Attainment.		
Evans County		Unclassifiable/Attainment.		
Fannin County		Unclassifiable/Attainment.		
Floyd County		Unclassifiable/Attainment.		
Franklin County		Unclassifiable/Attainment.		
Gilmer County		Unclassifiable/Attainment.		
Glascock County		Unclassifiable/Attainment.		
Glynn County		Unclassifiable/Attainment.		
Gordon County		Unclassifiable/Attainment.		
Grady County		Unclassifiable/Attainment.		
Greene County		Unclassifiable/Attainment.		
Habersham County		Unclassifiable/Attainment.		
Hall County		Unclassifiable/Attainment.		
Hancock County		Unclassifiable/Attainment.		
Haralson County		Unclassifiable/Attainment.		
Harris County		Unclassifiable/Attainment.		
Hart County		Unclassifiable/Attainment.		
Heard County		Unclassifiable/Attainment.		
Houston County		Unclassifiable/Attainment.		
Irwin County		Unclassifiable/Attainment.		
Jackson County		Unclassifiable/Attainment.		
Jasper County		Unclassifiable/Attainment.		
Jeff Davis County		Unclassifiable/Attainment.		
Jefferson County		Unclassifiable/Attainment.		
Jenkins County		Unclassifiable/Attainment.		
Johnson County		Unclassifiable/Attainment.		
Jones County		Unclassifiable/Attainment.		
Lamar County		Unclassifiable/Attainment.		
Lanier County		Unclassifiable/Attainment.		
Laurens County		Unclassifiable/Attainment.		
Lee County		Unclassifiable/Attainment.		
Liberty County		Unclassifiable/Attainment.		
Lincoln County		Unclassifiable/Attainment.		
Long County		Unclassifiable/Attainment.		
Lowndes County		Unclassifiable/Attainment.		
Lumpkin County		Unclassifiable/Attainment.		
McDuffie County		Unclassifiable/Attainment.		
McIntosh County		Unclassifiable/Attainment.		
Macon County		Unclassifiable/Attainment.		
Madison County		Unclassifiable/Attainment.		
Marion County		Unclassifiable/Attainment.		
Meriwether County		Unclassifiable/Attainment.		
Miller County		Unclassifiable/Attainment.		
Mitchell County		Unclassifiable/Attainment.		
Monroe County		Unclassifiable/Attainment.		
Montgomery County		Unclassifiable/Attainment.		
Morgan County		Unclassifiable/Attainment.		
Murray County		Unclassifiable/Attainment.		
Muscogee County		Unclassifiable/Attainment.		
Oconee County		Unclassifiable/Attainment.		
Oglethorpe County		Unclassifiable/Attainment.		

GEORGIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Peach County		Unclassifiable/Attainment.		
Pickens County		Unclassifiable/Attainment.		
Pierce County		Unclassifiable/Attainment.		
Pike County		Unclassifiable/Attainment.		
Polk County		Unclassifiable/Attainment.		
Pulaski County		Unclassifiable/Attainment.		
Putnam County		Unclassifiable/Attainment.		
Quitman County		Unclassifiable/Attainment.		
Rabun County		Unclassifiable/Attainment.		
Randolph County		Unclassifiable/Attainment.		
Richmond County		Unclassifiable/Attainment.		
Schley County		Unclassifiable/Attainment.		
Screven County		Unclassifiable/Attainment.		
Seminole County		Unclassifiable/Attainment.		
Spalding County		Unclassifiable/Attainment.		
Stephens County		Unclassifiable/Attainment.		
Stewart County		Unclassifiable/Attainment.		
Sumter County		Unclassifiable/Attainment.		
Talbot County		Unclassifiable/Attainment.		
Taliaferro County		Unclassifiable/Attainment.		
Tattnall County		Unclassifiable/Attainment.		
Taylor County		Unclassifiable/Attainment.		
Telfair County		Unclassifiable/Attainment.		
Terrell County		Unclassifiable/Attainment.		
Thomas County		Unclassifiable/Attainment.		
Tift County		Unclassifiable/Attainment.		
Toombs County		Unclassifiable/Attainment.		
Towns County		Unclassifiable/Attainment.		
Treutlen County		Unclassifiable/Attainment.		
Troup County		Unclassifiable/Attainment.		
Turner County		Unclassifiable/Attainment.		
Twiggs County		Unclassifiable/Attainment.		
Union County		Unclassifiable/Attainment.		
Upson County		Unclassifiable/Attainment.		
Walker County		Unclassifiable/Attainment.		
Walton County		Unclassifiable/Attainment.		
Ware County		Unclassifiable/Attainment.		
Warren County		Unclassifiable/Attainment.		
Washington County		Unclassifiable/Attainment.		
Wayne County		Unclassifiable/Attainment.		
Webster County		Unclassifiable/Attainment.		
Wheeler County		Unclassifiable/Attainment.		
White County		Unclassifiable/Attainment.		
Whitfield County		Unclassifiable/Attainment.		
Wilcox County		Unclassifiable/Attainment.		
Wilkes County		Unclassifiable/Attainment.		
Wilkinson County		Unclassifiable/Attainment.		
Worth County		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 13. Section 81.312 is amended as follows:

■ a. By revising the table heading for "Hawaii—Ozone (8-Hour Standard)" to read "Hawaii—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Hawaii—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Hawaii—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.312 Hawaii.

* * * * *

HAWAII—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area[2]	Designation		Classification	
	Date[1]	Type	Date[1]	Type
Hawaii County		Unclassifiable/Attainment.		
Honolulu County		Unclassifiable/Attainment.		
Kalawao County		Unclassifiable/Attainment.		
Kauai County		Unclassifiable/Attainment.		
Maui County		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Includes any Indian country in each county or area, unless otherwise specified.

■ 14. Section 81.313 is amended as follows:

■ a. By revising the table heading for "Idaho—Ozone (8-Hour Standard)" to read "Idaho—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Idaho—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table " Idaho—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.313 Idaho.

* * * * *

IDAHO—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area[2]	Designation		Classification	
	Date[1]	Type	Date[1]	Type
Statewide and Any Areas of Indian Country		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 15. Section 81.314 is amended as follows:

■ a. By revising the table heading for "Illinois—Ozone (8-Hour Standard)" to read "Illinois—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Illinois—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Illinois—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.314 Illinois.

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ILLINOIS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date[1]	Type	Date[1]	Type
St. Louis-St. Charles-Farmington, MO-IL:[2]		Nonattainment		Marginal.
Madison County				
Monroe County				
St. Clair County				
Adams County[3]		Unclassifiable/Attainment.		
Alexander County[3]		Unclassifiable/Attainment.		
Bond County[3]		Unclassifiable/Attainment.		
Boone County[3]		Unclassifiable/Attainment.		
Brown County[3]		Unclassifiable/Attainment.		
Bureau County[3]		Unclassifiable/Attainment.		
Calhoun County[3]		Unclassifiable/Attainment.		
Carroll County[3]		Unclassifiable/Attainment.		
Cass County[3]		Unclassifiable/Attainment.		
Champaign County[3]		Unclassifiable/Attainment.		
Christian County[3]		Unclassifiable/Attainment.		
Clark County[3]		Unclassifiable/Attainment.		
Clay County[3]		Unclassifiable/Attainment.		
Clinton County[3]		Unclassifiable/Attainment.		
Coles County[3]		Unclassifiable/Attainment.		
Crawford County[3]		Unclassifiable/Attainment.		
Cumberland County[3]		Unclassifiable/Attainment.		
DeKalb County[3]		Unclassifiable/Attainment.		
De Witt County[3]		Unclassifiable/Attainment.		
Douglas County[3]		Unclassifiable/Attainment.		
Edgar County[3]		Unclassifiable/Attainment.		

ILLINOIS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Edwards County [3]		Unclassifiable/Attainment.		
Effingham County [3]		Unclassifiable/Attainment.		
Fayette County [3]		Unclassifiable/Attainment.		
Ford County [3]		Unclassifiable/Attainment.		
Franklin County [3]		Unclassifiable/Attainment.		
Fulton County [3]		Unclassifiable/Attainment.		
Gallatin County [3]		Unclassifiable/Attainment.		
Greene County [3]		Unclassifiable/Attainment.		
Hamilton County [3]		Unclassifiable/Attainment.		
Hancock County [3]		Unclassifiable/Attainment.		
Hardin County [3]		Unclassifiable/Attainment.		
Henderson County [3]		Unclassifiable/Attainment.		
Henry County [3]		Unclassifiable/Attainment.		
Iroquois County [3]		Unclassifiable/Attainment.		
Jackson County [3]		Unclassifiable/Attainment.		
Jasper County [3]		Unclassifiable/Attainment.		
Jefferson County [3]		Unclassifiable/Attainment.		
Jersey County [3]		Unclassifiable/Attainment.		
Jo Daviess County [3]		Unclassifiable/Attainment.		
Johnson County [3]		Unclassifiable/Attainment.		
Kankakee County [3]		Unclassifiable/Attainment.		
Knox County [3]		Unclassifiable/Attainment.		
La Salle County [3]		Unclassifiable/Attainment.		
Lawrence County [3]		Unclassifiable/Attainment.		
Lee County [3]		Unclassifiable/Attainment.		
Livingston County [3]		Unclassifiable/Attainment.		
Logan County [3]		Unclassifiable/Attainment.		
McDonough County [3]		Unclassifiable/Attainment.		
McLean County [3]		Unclassifiable/Attainment.		
Macon County [3]		Unclassifiable/Attainment.		
Macoupin County [3]		Unclassifiable/Attainment.		
Marion County [3]		Unclassifiable/Attainment.		
Marshall County [3]		Unclassifiable/Attainment.		
Mason County [3]		Unclassifiable/Attainment.		
Massac County [3]		Unclassifiable/Attainment.		
Menard County [3]		Unclassifiable/Attainment.		
Mercer County [3]		Unclassifiable/Attainment.		
Montgomery County [3]		Unclassifiable/Attainment.		
Morgan County [3]		Unclassifiable/Attainment.		
Moultrie County [3]		Unclassifiable/Attainment.		
Ogle County [3]		Unclassifiable/Attainment.		
Peoria County [3]		Unclassifiable/Attainment.		
Perry County [3]		Unclassifiable/Attainment.		
Piatt County [3]		Unclassifiable/Attainment.		
Pike County [3]		Unclassifiable/Attainment.		
Pope County [3]		Unclassifiable/Attainment.		
Pulaski County [3]		Unclassifiable/Attainment.		
Putnam County [3]		Unclassifiable/Attainment.		
Randolph County [3]		Unclassifiable/Attainment.		
Richland County [3]		Unclassifiable/Attainment.		
Rock Island County [3]		Unclassifiable/Attainment.		
Saline County [3]		Unclassifiable/Attainment.		
Sangamon County [3]		Unclassifiable/Attainment.		
Schuyler County [3]		Unclassifiable/Attainment.		
Scott County [3]		Unclassifiable/Attainment.		
Shelby County [3]		Unclassifiable/Attainment.		
Stark County [3]		Unclassifiable/Attainment.		
Stephenson County [3]		Unclassifiable/Attainment.		
Tazewell County [3]		Unclassifiable/Attainment.		
Union County [3]		Unclassifiable/Attainment.		
Vermilion County [3]		Unclassifiable/Attainment.		
Wabash County [3]		Unclassifiable/Attainment.		
Warren County [3]		Unclassifiable/Attainment.		
Washington County [3]		Unclassifiable/Attainment.		
Wayne County [3]		Unclassifiable/Attainment.		
White County [3]		Unclassifiable/Attainment.		
Whiteside County [3]		Unclassifiable/Attainment.		
Williamson County [3]		Unclassifiable/Attainment.		
Winnebago County [3]		Unclassifiable/Attainment.		

ILLINOIS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Woodford County [3]	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 16. Section 81.315 is amended as follows:

■ a. By revising the table heading for "Indiana—Ozone (8-Hour Standard)" to read "Indiana—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Indiana—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Indiana—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.315 Indiana.

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INDIANA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designation area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Cincinnati, OH-KY-IN: [2]	.....	Nonattainment	.....	Marginal.
Dearborn County (part)				
Lawrenceburg Township				
Adams County [3]	.....	Unclassifiable/Attainment.		
Allen County [3]	.....	Unclassifiable/Attainment.		
Bartholomew County [3]	.....	Unclassifiable/Attainment.		
Benton County [3]	.....	Unclassifiable/Attainment.		
Blackford County [3]	.....	Unclassifiable/Attainment.		
Boone County [3]	.....	Unclassifiable/Attainment.		
Brown County [3]	.....	Unclassifiable/Attainment.		
Carroll County [3]	.....	Unclassifiable/Attainment.		
Cass County [3]	.....	Unclassifiable/Attainment.		
Clark County [3]	.....	Unclassifiable/Attainment.		
Clay County [3]	.....	Unclassifiable/Attainment.		
Clinton County [3]	.....	Unclassifiable/Attainment.		
Crawford County [3]	.....	Unclassifiable/Attainment.		
Daviess County [3]	.....	Unclassifiable/Attainment.		
Dearborn County (remainder) [3]	.....	Unclassifiable/Attainment.		
Decatur County [3]	.....	Unclassifiable/Attainment.		
De Kalb County [3]	.....	Unclassifiable/Attainment.		
Delaware County [3]	.....	Unclassifiable/Attainment.		
Dubois County [3]	.....	Unclassifiable/Attainment.		
Elkhart County [3]	.....	Unclassifiable/Attainment.		
Fayette County [3]	.....	Unclassifiable/Attainment.		
Floyd County [3]	.....	Unclassifiable/Attainment.		
Fountain County [3]	.....	Unclassifiable/Attainment.		
Franklin County [3]	.....	Unclassifiable/Attainment.		
Fulton County [3]	.....	Unclassifiable/Attainment.		
Gibson County [3]	.....	Unclassifiable/Attainment.		
Grant County [3]	.....	Unclassifiable/Attainment.		
Greene County [3]	.....	Unclassifiable/Attainment.		
Hamilton County [3]	.....	Unclassifiable/Attainment.		
Hancock County [3]	.....	Unclassifiable/Attainment.		
Harrison County [3]	.....	Unclassifiable/Attainment.		
Hendricks County [3]	.....	Unclassifiable/Attainment.		
Henry County [3]	.....	Unclassifiable/Attainment.		
Howard County [3]	.....	Unclassifiable/Attainment.		
Huntington County [3]	.....	Unclassifiable/Attainment.		
Jackson County [3]	.....	Unclassifiable/Attainment.		
Jay County [3]	.....	Unclassifiable/Attainment.		
Jefferson County [3]	.....	Unclassifiable/Attainment.		
Jennings County [3]	.....	Unclassifiable/Attainment.		
Johnson County [3]	.....	Unclassifiable/Attainment.		
Knox County [3]	.....	Unclassifiable/Attainment.		
Kosciusko County [3]	.....	Unclassifiable/Attainment.		
LaGrange County [3]	.....	Unclassifiable/Attainment.		
La Porte County [3]	.....	Unclassifiable/Attainment.		
Lawrence County [3]	.....	Unclassifiable/Attainment.		

INDIANA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designation area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Madison County [3]		Unclassifiable/Attainment.		
Marion County [3]		Unclassifiable/Attainment.		
Marshall County [3]		Unclassifiable/Attainment.		
Martin County [3]		Unclassifiable/Attainment.		
Miami County [3]		Unclassifiable/Attainment.		
Monroe County [3]		Unclassifiable/Attainment.		
Montgomery County [3]		Unclassifiable/Attainment.		
Morgan County [3]		Unclassifiable/Attainment.		
Newton County [3]		Unclassifiable/Attainment.		
Noble County [3]		Unclassifiable/Attainment.		
Ohio County [3]		Unclassifiable/Attainment.		
Orange County [3]		Unclassifiable/Attainment.		
Owen County [3]		Unclassifiable/Attainment.		
Parke County [3]		Unclassifiable/Attainment.		
Perry County [3]		Unclassifiable/Attainment.		
Pike County [3]		Unclassifiable/Attainment.		
Posey County [3]		Unclassifiable/Attainment.		
Pulaski County [3]		Unclassifiable/Attainment.		
Putnam County [3]		Unclassifiable/Attainment.		
Randolph County [3]		Unclassifiable/Attainment.		
Ripley County [3]		Unclassifiable/Attainment.		
Rush County [3]		Unclassifiable/Attainment.		
St Joseph County [3]		Unclassifiable/Attainment.		
Scott County [3]		Unclassifiable/Attainment.		
Shelby County [3]		Unclassifiable/Attainment.		
Spencer County [3]		Unclassifiable/Attainment.		
Starke County [3]		Unclassifiable/Attainment.		
Steuben County [3]		Unclassifiable/Attainment.		
Sullivan County [3]		Unclassifiable/Attainment.		
Switzerland County [3]		Unclassifiable/Attainment.		
Tippecanoe County [3]		Unclassifiable/Attainment.		
Tipton County [3]		Unclassifiable/Attainment.		
Union County [3]		Unclassifiable/Attainment.		
Vanderburgh County [3]		Unclassifiable/Attainment.		
Vermillion County [3]		Unclassifiable/Attainment.		
Vigo County [3]		Unclassifiable/Attainment.		
Wabash County [3]		Unclassifiable/Attainment.		
Warren County [3]		Unclassifiable/Attainment.		
Warrick County [3]		Unclassifiable/Attainment.		
Washington County [3]		Unclassifiable/Attainment.		
Wayne County [3]		Unclassifiable/Attainment.		
Wells County [3]		Unclassifiable/Attainment.		
White County [3]		Unclassifiable/Attainment.		
Whitley County [3]		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 17. Section 81.316 is amended as follows:

■ a. By revising the table heading for "Iowa—Ozone (8-Hour Standard)" to read "Iowa—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Iowa—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Iowa—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.316 Iowa.

* * * * *

IOWA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country:		Unclassifiable/Attainment.		
Adair County				
Adams County				
Allamakee County				

IOWA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Appanoose County				
Audubon County				
Benton County				
Black Hawk County				
Boone County				
Bremer County				
Buchanan County				
Buena Vista County				
Butler County				
Calhoun County				
Carroll County				
Cass County				
Cedar County				
Cerro Gordo County				
Cherokee County				
Chickasaw County				
Clarke County				
Clay County				
Clayton County				
Clinton County				
Crawford County				
Dallas County				
Davis County				
Decatur County				
Delaware County				
Des Moines County				
Dickinson County				
Dubuque County				
Emmet County				
Fayette County				
Floyd County				
Franklin County				
Fremont County				
Greene County				
Grundy County				
Guthrie County				
Hamilton County				
Hancock County				
Hardin County				
Harrison County				
Henry County				
Howard County				
Humboldt County				
Ida County				
Iowa County				
Jackson County				
Jasper County				
Jefferson County				
Johnson County				
Jones County				
Keokuk County				
Kossuth County				
Lee County				
Linn County				
Louisa County				
Lucas County				
Lyon County				
Madison County				
Mahaska County				
Marion County				
Marshall County				
Mills County				
Mitchell County				
Monona County				
Monroe County				
Montgomery County				
Muscatine County				
O'Brien County				
Osceola County				

IOWA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Page County				
Palo Alto County				
Plymouth County				
Pocahontas County				
Polk County				
Pottawattamie County				
Poweshiek County				
Ringgold County				
Sac County				
Scott County				
Shelby County				
Sioux County				
Story County				
Tama County				
Taylor County				
Union County				
Van Buren County				
Wapello County				
Warren County				
Washington County				
Wayne County				
Webster County				
Winnebago County				
Winneshiek County				
Woodbury County				
Worth County				
Wright County				

[1] This date is July 20, 2012, unless otherwise noted.

■ 18. Section 81.317 is amended as follows:

■ a. By revising the table heading for "Kansas—Ozone (8-Hour Standard)" to read "Kansas—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Kansas—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Kansas—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.317 Kansas.

* * * * *

KANSAS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country:	.....	Unclassifiable/Attainment.		
Allen County				
Anderson County				
Atchison County				
Barber County				
Barton County				
Bourbon County				
Brown County				
Butler County				
Chase County				
Chautauqua County				
Cherokee County				
Cheyenne County				
Clark County				
Clay County				
Cloud County				
Coffey County				
Comanche County				
Cowley County				
Crawford County				
Decatur County				
Dickinson County				
Doniphan County				

KANSAS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Douglas County				
Edwards County				
Elk County				
Ellis County				
Ellsworth County				
Finney County				
Ford County				
Franklin County				
Geary County				
Gove County				
Graham County				
Grant County				
Gray County				
Greeley County				
Greenwood County				
Hamilton County				
Harper County				
Harvey County				
Haskell County				
Hodgeman County				
Jackson County				
Jefferson County				
Jewell County				
Johnson County				
Kearny County				
Kingman County				
Kiowa County				
Labette County				
Lane County				
Leavenworth County				
Lincoln County				
Linn County				
Logan County				
Lyon County				
McPherson County				
Marion County				
Marshall County				
Meade County				
Miami County				
Mitchell County				
Montgomery County				
Morris County				
Morton County				
Nemaha County				
Neosho County				
Ness County				
Norton County				
Osage County				
Osborne County				
Ottawa County				
Pawnee County				
Phillips County				
Pottawatomie County				
Pratt County				
Rawlins County				
Reno County				
Republic County				
Rice County				
Riley County				
Rooks County				
Rush County				
Russell County				
Saline County				
Scott County				
Sedgwick County				
Seward County				
Shawnee County				
Sheridan County				
Sherman County				

KANSAS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Smith County				
Stafford County				
Stanton County				
Stevens County				
Sumner County				
Thomas County				
Trego County				
Wabaunsee County				
Wallace County				
Washington County				
Wichita County				
Wilson County				
Woodson County				
Wyandotte County				

[1] This date is July 20, 2012, unless otherwise noted.

■ 19. Section 81.318 is amended as follows:

■ a. By revising the table heading for "Kentucky—Ozone (8-Hour Standard)" to read "Kentucky—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Kentucky—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Kentucky—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.318 Kentucky.

* * * * *

KENTUCKY—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Cincinnati, OH-KY-IN: [2]	.....	Nonattainment	.....	Marginal.
Boone County (part)				
2000 Census tracts: 702, 703.01, 703.04, 703.05, 703.06, 703.07, 703.08, 703.09, 704.01, 704.02, 705.01, 705.02, 706.01, 706.03, 706.04				
Campbell County (part)				
2000 Census tracts: 501, 502, 503, 504, 505, 506, 511.01, 511.02, 512, 513, 519.01, 519.03, 519.04, 520.01, 520.02, 521, 522, 523.01, 523.02, 524, 525, 526, 528, 529, 530, 531				
Kenton County (part)				
2000 Census tracts: 603, 607, 609, 610, 611, 612, 613, 614, 616, 636.03, 636.04, 636.05, 636.06, 638, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655.01, 655.02, 656, 657, 658, 659, 668, 669, 670, 671				
Rest of State: [3]				
Adair County	.....	Unclassifiable/Attainment.		
Allen County	.....	Unclassifiable/Attainment.		
Anderson County	.....	Unclassifiable/Attainment.		
Ballard County	.....	Unclassifiable/Attainment.		
Barren County	.....	Unclassifiable/Attainment.		
Bath County	.....	Unclassifiable/Attainment.		
Bell County	.....	Unclassifiable/Attainment.		
Boone County (part)	.....	Unclassifiable/Attainment.		
2000 Census tracts: 706.01 and 706.04				
Bourbon County	.....	Unclassifiable/Attainment.		
Boyd County	.....	Unclassifiable/Attainment.		
Boyle County	.....	Unclassifiable/Attainment.		
Bracken County	.....	Unclassifiable/Attainment.		
Breathitt County	.....	Unclassifiable/Attainment.		
Breckinridge County	.....	Unclassifiable/Attainment.		

KENTUCKY—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Bullitt County		Unclassifiable/Attainment O=≥xl≥.		
Butler County		Unclassifiable/Attainment.		
Caldwell County		Unclassifiable/Attainment.		
Calloway County		Unclassifiable/Attainment.		
Campbell County (part)		Unclassifiable/Attainment.		
2000 Census tracts: 520.01 and 520.02				
Carlisle County		Unclassifiable/Attainment.		
Carroll County		Unclassifiable/Attainment.		
Carter County		Unclassifiable/Attainment.		
Casey County		Unclassifiable/Attainment.		
Christian County		Unclassifiable/Attainment.		
Clark County		Unclassifiable/Attainment.		
Clay County		Unclassifiable/Attainment.		
Clinton County		Unclassifiable/Attainment.		
Crittenden County		Unclassifiable/Attainment.		
Cumberland County		Unclassifiable/Attainment.		
Daviess County		Unclassifiable/Attainment.		
Edmonson County		Unclassifiable/Attainment.		
Elliott County		Unclassifiable/Attainment.		
Estill County		Unclassifiable/Attainment.		
Fayette County		Unclassifiable/Attainment.		
Fleming County		Unclassifiable/Attainment.		
Floyd County		Unclassifiable/Attainment.		
Franklin County		Unclassifiable/Attainment.		
Fulton County		Unclassifiable/Attainment.		
Gallatin County		Unclassifiable/Attainment.		
Garrard County		Unclassifiable/Attainment.		
Grant County		Unclassifiable/Attainment.		
Graves County		Unclassifiable/Attainment.		
Grayson County		Unclassifiable/Attainment.		
Green County		Unclassifiable/Attainment.		
Greenup County		Unclassifiable/Attainment.		
Hancock County		Unclassifiable/Attainment.		
Hardin County		Unclassifiable/Attainment.		
Harlan County		Unclassifiable/Attainment.		
Harrison County		Unclassifiable/Attainment.		
Hart County		Unclassifiable/Attainment.		
Henderson County		Unclassifiable/Attainment.		
Henry County		Unclassifiable/Attainment.		
Hickman County		Unclassifiable/Attainment.		
Hopkins County		Unclassifiable/Attainment.		
Jackson County		Unclassifiable/Attainment.		
Jefferson County		Unclassifiable/Attainment.		
Jessamine County		Unclassifiable/Attainment.		
Johnson County		Unclassifiable/Attainment.		
Kenton County (part)		Unclassifiable/Attainment.		
2000 Census tracts: 637.01 and 637.04				
Knott County		Unclassifiable/Attainment.		
Knox County		Unclassifiable/Attainment.		
Larue County		Unclassifiable/Attainment.		
Laurel County		Unclassifiable/Attainment.		
Lawrence County		Unclassifiable/Attainment.		
Lee County		Unclassifiable/Attainment.		
Leslie County		Unclassifiable/Attainment.		
Letcher County		Unclassifiable/Attainment.		
Lewis County		Unclassifiable/Attainment.		
Lincoln County		Unclassifiable/Attainment.		
Livingston County		Unclassifiable/Attainment.		
Logan County		Unclassifiable/Attainment.		
Lyon County		Unclassifiable/Attainment.		
McCracken County		Unclassifiable/Attainment.		
McCreary County		Unclassifiable/Attainment.		
McLean County		Unclassifiable/Attainment.		
Madison County		Unclassifiable/Attainment.		
Magoffin County		Unclassifiable/Attainment.		
Marion County		Unclassifiable/Attainment.		
Marshall County		Unclassifiable/Attainment.		
Martin County		Unclassifiable/Attainment.		

KENTUCKY—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Mason County		Unclassifiable/Attainment.		
Meade County		Unclassifiable/Attainment.		
Menifee County		Unclassifiable/Attainment.		
Mercer County		Unclassifiable/Attainment.		
Metcalfe County		Unclassifiable/Attainment.		
Monroe County		Unclassifiable/Attainment.		
Montgomery County		Unclassifiable/Attainment.		
Morgan County		Unclassifiable/Attainment.		
Muhlenberg County		Unclassifiable/Attainment.		
Nelson County		Unclassifiable/Attainment.		
Nicholas County		Unclassifiable/Attainment.		
Ohio County		Unclassifiable/Attainment.		
Oldham County		Unclassifiable/Attainment.		
Owen County		Unclassifiable/Attainment.		
Owsley County		Unclassifiable/Attainment.		
Pendleton County		Unclassifiable/Attainment.		
Perry County		Unclassifiable/Attainment.		
Pike County		Unclassifiable/Attainment.		
Powell County		Unclassifiable/Attainment.		
Pulaski County		Unclassifiable/Attainment.		
Robertson County		Unclassifiable/Attainment.		
Rockcastle County		Unclassifiable/Attainment.		
Rowan County		Unclassifiable/Attainment.		
Russell County		Unclassifiable/Attainment.		
Scott County		Unclassifiable/Attainment.		
Shelby County		Unclassifiable/Attainment.		
Simpson County		Unclassifiable/Attainment.		
Spencer County		Unclassifiable/Attainment.		
Taylor County		Unclassifiable/Attainment.		
Todd County		Unclassifiable/Attainment.		
Trigg County		Unclassifiable/Attainment.		
Trimble County		Unclassifiable/Attainment.		
Union County		Unclassifiable/Attainment.		
Warren County		Unclassifiable/Attainment.		
Washington County		Unclassifiable/Attainment.		
Wayne County		Unclassifiable/Attainment.		
Webster County		Unclassifiable/Attainment.		
Whitley County		Unclassifiable/Attainment.		
Wolfe County		Unclassifiable/Attainment.		
Woodford County		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 20. Section 81.319 is amended as follows:

■ a. By revising the table heading for "Louisiana—Ozone (8-Hour Standard)" to read "Louisiana—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Louisiana—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Louisiana—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.319 Louisiana.

* * * * *

LOUISIANA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Baton Rouge, LA: [2]		Nonattainment		Marginal.
Ascension Parish				
East Baton Rouge Parish				
Iberville Parish				
Livingston Parish				
West Baton Rouge Parish				
AQCR 019 Monroe-El Dorado Interstate: [3]				
Caldwell Parish		Unclassifiable/Attainment.		

LOUISIANA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Catahoula Parish		Unclassifiable/Attainment.		
Concordia Parish		Unclassifiable/Attainment.		
East Carroll Parish		Unclassifiable/Attainment.		
Franklin Parish		Unclassifiable/Attainment.		
La Salle Parish		Unclassifiable/Attainment.		
Madison Parish		Unclassifiable/Attainment.		
Morehouse Parish		Unclassifiable/Attainment.		
Ouachita Parish		Unclassifiable/Attainment.		
Richland Parish		Unclassifiable/Attainment.		
Tensas Parish		Unclassifiable/Attainment.		
Union Parish		Unclassifiable/Attainment.		
West Carroll Parish		Unclassifiable/Attainment.		
AQCR 022 Shreveport-Texarkana-Tyler Interstate: [3]				
Bienville Parish		Unclassifiable/Attainment.		
Bossier Parish		Unclassifiable/Attainment.		
Caddo Parish		Unclassifiable/Attainment.		
Claiborne Parish		Unclassifiable/Attainment.		
De Soto Parish		Unclassifiable/Attainment.		
Jackson Parish		Unclassifiable/Attainment.		
Lincoln Parish		Unclassifiable/Attainment.		
Natchitoches Parish		Unclassifiable/Attainment		
Red River Parish		Unclassifiable/Attainment.		
Sabine Parish		Unclassifiable/Attainment.		
Webster Parish		Unclassifiable/Attainment.		
Winn Parish		Unclassifiable/Attainment.		
AQCR 106 S. Louisiana-SE. Texas Interstate: (remainder) [3]				
Acadia Parish		Unclassifiable/Attainment.		
Allen Parish		Unclassifiable/Attainment.		
Assumption Parish		Unclassifiable/Attainment.		
Avoyelles Parish		Unclassifiable/Attainment.		
Beauregard Parish		Unclassifiable/Attainment.		
Calcasieu Parish		Unclassifiable/Attainment.		
Cameron Parish		Unclassifiable/Attainment.		
East Feliciana Parish		Unclassifiable/Attainment.		
Evangeline Parish		Unclassifiable/Attainment.		
Grant Parish		Unclassifiable/Attainment.		
Iberia Parish		Unclassifiable/Attainment.		
Jefferson Davis Parish		Unclassifiable/Attainment.		
Jefferson Parish		Unclassifiable/Attainment.		
Lafayette Parish		Unclassifiable/Attainment.		
Lafourche Parish		Unclassifiable/Attainment.		
Orleans Parish		Unclassifiable/Attainment.		
Plaquemines Parish		Unclassifiable/Attainment.		
Pointe Coupee Parish		Unclassifiable/Attainment.		
Rapides Parish		Unclassifiable/Attainment.		
St. Bernard Parish		Unclassifiable/Attainment.		
St. Charles Parish		Unclassifiable/Attainment.		
St. Helena Parish		Unclassifiable/Attainment.		
St. James Parish		Unclassifiable/Attainment.		
St. John the Baptist Parish		Unclassifiable/Attainment.		
St. Landry Parish		Unclassifiable/Attainment.		
St. Martin Parish		Unclassifiable/Attainment.		
St. Mary Parish		Unclassifiable/Attainment.		
St. Tammany Parish		Unclassifiable/Attainment.		
Tangipahoa Parish		Unclassifiable/Attainment.		
Terrebonne Parish		Unclassifiable/Attainment.		
Vermilion Parish		Unclassifiable/Attainment.		
Vernon Parish		Unclassifiable/Attainment.		
Washington Parish		Unclassifiable/Attainment.		
West Feliciana Parish		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 21. Section 81.320 is amended as follows:

■ a. By revising the table heading for "Maine—Ozone (8-Hour Standard)" to read "Maine—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Maine—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Maine—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.320 Maine.

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MAINE—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide: [2]	.....	Unclassifiable/Attainment.		
Androscoggin County				
Aroostook County				
Cumberland County				
Franklin County				
Hancock County				
Kennebec County				
Knox County				
Lincoln County				
Oxford County				
Penobscot County				
Piscataquis County				
Sagadahoc County				
Somerset County				
Waldo County				
Washington County				
York County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Includes any Indian country in each county or area, unless otherwise specified.

■ 22. Section 81.321 is amended as follows:

■ a. By revising the table heading for "Maryland—Ozone (8-Hour Standard)" to read "Maryland—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Maryland—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Maryland—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.321 Maryland.

* * * * *

MARYLAND—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Baltimore, MD: [2]	.....	Nonattainment	.....	Moderate.
Anne Arundel County				
Baltimore County				
Baltimore City				
Carroll County				
Harford County				
Howard County				
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE: [2]	.....	Nonattainment	.....	Marginal.
Cecil County				
Washington, DC-MD-VA: [2]	.....	Nonattainment	.....	Marginal.
Calvert County				
Charles County				
Frederick County				
Montgomery County				
Prince George's County				
AQCR 113 Cumberland-Keyser Interstate [3]	.....	Unclassifiable/Attainment.		
Allegany County				
Garrett County				
Washington County				
AQCR 114 Eastern Shore Interstate: (remainder) [3]	.....	Unclassifiable/Attainment.		
Caroline County				
Dorchester County				
Kent County				
Queen Anne's County				
Somerset County				

MARYLAND—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Talbot County Wicomico County Worcester County AQCR 116 Southern Maryland Intrastate: (remainder) [3] St. Mary's County	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 23. Section 81.322 is amended as follows:

■ a. By revising the table heading for "Massachusetts—Ozone (8-Hour Standard)" to read "Massachusetts—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Massachusetts—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Massachusetts—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.322 Massachusetts.

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MASSACHUSETTS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Dukes County, MA: [2]	.....	Nonattainment	.....	Marginal.
Dukes County Wampanoag Tribe of Gay Head (Aquinnah) of Massachusetts [3]				
Rest of State: [4]				
Barnstable County	.....	Unclassifiable/Attainment.		
Berkshire County	.....	Unclassifiable/Attainment.		
Bristol County	.....	Unclassifiable/Attainment.		
Essex County	.....	Unclassifiable/Attainment.		
Franklin County	.....	Unclassifiable/Attainment.		
Hampden County.	.....	Unclassifiable/Attainment.		
Hampshire County	.....	Unclassifiable/Attainment.		
Middlesex County	.....	Unclassifiable/Attainment.		
Nantucket County	.....	Unclassifiable/Attainment.		
Norfolk County	.....	Unclassifiable/Attainment.		
Plymouth County	.....	Unclassifiable/Attainment.		
Suffolk County	.....	Unclassifiable/Attainment.		
Worcester County	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.
[4] Includes any Indian country in each county or area, unless otherwise specified.

■ 24. Section 81.323 is amended as follows:

■ a. By revising the table heading for "Michigan—Ozone (8-Hour Standard)" to read "Michigan—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Michigan—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Michigan—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.323 Michigan.

* * * * *

MICHIGAN—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 25. Section 81.324 is amended as follows:

■ a. By revising the table heading for "Minnesota—Ozone (8-Hour Standard)" to read "Minnesota—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Minnesota—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table

"Minnesota—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.324 Minnesota.

* * * * *

MINNESOTA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 26. Section 81.325 is amended as follows:

■ a. By revising the table heading for "Mississippi—Ozone (8-Hour Standard)" to read "Mississippi—1997 8–Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Mississippi—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the existing table

"Mississippi—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.325 Mississippi.

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MISSISSIPPI—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date[1]	Type	Date[1]	Type
Memphis, TN-MS-AR: [2].				
DeSoto County (part) Portion along MPO Lines	.....	NonAttainment	Marginal.	
Rest of State: [3]				
Adams County	.....	Unclassifiable/Attainment.		
Alcorn County	.....	Unclassifiable/Attainment.		
Amite County	.....	Unclassifiable/Attainment.		
Attala County	.....	Unclassifiable/Attainment.		
Benton County	.....	Unclassifiable/Attainment.		
Bolivar County	.....	Unclassifiable/Attainment.		
Calhoun County	.....	Unclassifiable/Attainment.		
Carroll County	.....	Unclassifiable/Attainment.		
Chickasaw County	.....	Unclassifiable/Attainment.		
Choctaw County	.....	Unclassifiable/Attainment.		
Claiborne County	.....	Unclassifiable/Attainment.		
Clarke County	.....	Unclassifiable/Attainment.		
Clay County	.....	Unclassifiable/Attainment..		
Coahoma County	.....	Unclassifiable/Attainment.		
Copiah County	.....	Unclassifiable/Attainment.		
Covington County	.....	Unclassifiable/Attainment.		
DeSoto County (remainder)	.....	Unclassifiable/Attainment.		
Forrest County	.....	Unclassifiable/Attainment.		
Franklin County	.....	Unclassifiable/Attainment.		
George County	.....	Unclassifiable/Attainment.		
Greene County	.....	Unclassifiable/Attainment.		
Grenada County	.....	Unclassifiable/Attainment.		
Hancock County	.....	Unclassifiable/Attainment.		
Harrison County	.....	Unclassifiable/Attainment.		
Hinds County	.....	Unclassifiable/Attainment.		
Holmes County	.....	Unclassifiable/Attainment.		
Humphreys County	.....	Unclassifiable/Attainment.		
Issaquena County	.....	Unclassifiable/Attainment.		
Itawamba County	.....	Unclassifiable/Attainment.		
Jackson County	.....	Unclassifiable/Attainment.		
Jasper County	.....	Unclassifiable/Attainment.		
Jefferson County	.....	Unclassifiable/Attainment.		
Jefferson Davis County	.....	Unclassifiable/Attainment.		
Jones County	.....	Unclassifiable/Attainment.		
Kemper County	.....	Unclassifiable/Attainment.		
Lafayette County	.....	Unclassifiable/Attainment.		
Lamar County	.....	Unclassifiable/Attainment.		
Lauderdale County	.....	Unclassifiable/Attainment.		
Lawrence County	.....	Unclassifiable/Attainment.		

MISSISSIPPI—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date[1]	Type	Date[1]	Type
Leake County	.....	Unclassifiable/Attainment.		
Lee County	.....	Unclassifiable/Attainment.		
Leflore County	.....	Unclassifiable/Attainment.		
Lincoln County	.....	Unclassifiable/Attainment.		
Lowndes County	.....	Unclassifiable/Attainment.		
Madison County	.....	Unclassifiable/Attainment.		
Marion County	.....	Unclassifiable/Attainment.		
Marshall County	.....	Unclassifiable/Attainment.		
Monroe County	.....	Unclassifiable/Attainment.		
Montgomery County	.....	Unclassifiable/Attainment.		
Neshoba County	.....	Unclassifiable/Attainment.		
Newton County	.....	Unclassifiable/Attainment.		
Noxubee County	.....	Unclassifiable/Attainment.		
Oktibbeha County	.....	Unclassifiable/Attainment.		
Panola County	.....	Unclassifiable/Attainment.		
Pearl River County	.....	Unclassifiable/Attainment.		
Perry County	.....	Unclassifiable/Attainment.		
Pike County	.....	Unclassifiable/Attainment.		
Pontotoc County	.....	Unclassifiable/Attainment.		
Prentiss County	.....	Unclassifiable/Attainment.		
Quitman County	.....	Unclassifiable/Attainment.		
Rankin County	.....	Unclassifiable/Attainment.		
Scott County	.....	Unclassifiable/Attainment.		
Sharkey County	.....	Unclassifiable/Attainment.		
Simpson County	.....	Unclassifiable/Attainment.		
Smith County	.....	Unclassifiable/Attainment.		
Stone County	.....	Unclassifiable/Attainment.		
Sunflower County	.....	Unclassifiable/Attainment.		
Tallahatchie County	.....	Unclassifiable/Attainment.		
Tate County.	.....	Unclassifiable/Attainment.		
Tippah County	.....	Unclassifiable/Attainment.		
Tishomingo County	.....	Unclassifiable/Attainment.		
Tunica County	.....	Unclassifiable/Attainment.		
Union County	.....	Unclassifiable/Attainment.		
Walthall County	.....	Unclassifiable/Attainment.		
Warren County	.....	Unclassifiable/Attainment.		
Washington County	.....	Unclassifiable/Attainment.		
Wayne County	.....	Unclassifiable/Attainment.		
Webster County	.....	Unclassifiable/Attainment.		
Wilkinson County	.....	Unclassifiable/Attainment.		
Winston County	.....	Unclassifiable/Attainment.		
Yalobusha County	.....	Unclassifiable/Attainment.		
Yazoo County	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 27. Section 81.326 is amended as follows:

■ a. By revising the table heading for "Missouri—Ozone (8-Hour Standard)" to read "Missouri—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Missouri—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Missouri—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.326 Missouri.

* * * * *

MISSOURI—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
St. Louis-St. Charles-Farmington, MO-IL: [2]	.....	Nonattainment	.....	Marginal.
Franklin County				
Jefferson County				
St. Charles County				
St. Louis County				

MISSOURI—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
St. Louis City				
Rest of State: [3]		Unclassifiable/Attainment.		
Adair County				
Andrew County				
Atchison County				
Audrain County				
Barry County				
Barton County				
Bates County				
Benton County				
Bollinger County				
Boone County				
Buchanan County				
Butler County				
Caldwell County				
Callaway County				
Camden County				
Cape Girardeau County				
Carter County				
Cass County				
Cedar County				
Chariton County				
Christian County				
Clark County				
Clay County				
Clinton County				
Cole County				
Cooper County				
Crawford County				
Dade County				
Dallas County				
Daviess County				
DeKalb County				
Dent County				
Douglas County				
Dunklin County				
Gasconade County				
Gentry County				
Greene County				
Grundy County				
Harrison County				
Henry County				
Hickory County				
Holt County				
Howard County				
Howell County				
Iron County				
Jackson County				
Jasper County				
Johnson County				
Knox County				
Laclede County				
Lafayette County				
Lawrence County				
Lewis County				
Lincoln County				
Linn County				
Livingston County				
McDonald County				
Macon County				
Madison County				
Maries County				
Marion County				
Mercer County				
Miller County				
Mississippi County				
Moniteau County				
Monroe County				
Montgomery County				

MISSOURI—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Morgan County				
New Madrid County				
Newton County				
Nodaway County				
Oregon County				
Osage County				
Ozark County				
Pemiscot County				
Perry County				
Pettis County				
Phelps County				
Pike County				
Platte County				
Polk County				
Pulaski County				
Putnam County				
Ralls County				
Randolph County				
Ray County				
Reynolds County				
Ripley County				
St. Clair County				
St. Genevieve County				
St. Francois County				
Saline County				
Schuyler County				
Scotland County				
Scott County				
Shannon County				
Shelby County				
Stoddard County				
Stone County				
Sullivan County				
Taney County				
Texas County				
Vernon County				
Warren County				
Washington County				
Wayne County				
Webster County				
Worth County				
Wright County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 28. Section 81.327 is amended as follows:

■ a. By revising the table heading for "Montana—Ozone (8-Hour Standard)" to read "Montana—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Montana—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Montana—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.327 Montana.

* * * * *

MONTANA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 29. Section 81.328 is amended as follows:

■ a. By revising the table heading for "Nebraska—Ozone (8-Hour Standard)" to read "Nebraska—1997 8-Hour Ozone NAAQS (Primary and Secondary)

■ b. By adding a new table entitled "Nebraska—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Nebraska—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.328 Nebraska.

* * * * *

NEBRASKA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide: [2]	.....	Unclassifiable/Attainment.		
Adams County				
Antelope County				
Arthur County				
Banner County				
Blaine County				
Boone County				
Box Butte County				
Boyd County				
Brown County				
Buffalo County				
Burt County				
Butler County				
Cass County				
Cedar County				
Chase County				
Cherry County				
Cheyenne County				
Clay County				
Colfax County				
Cuming County				
Custer County				
Dakota County				
Dawes County				
Dawson County				
Deuel County				
Dixon County				
Dodge County				
Douglas County				
Dundy County				
Fillmore County				
Franklin County				
Frontier County				
Furnas County				
Gage County				
Garden County				
Garfield County				
Gosper County				
Grant County				
Greeley County				
Hall County				
Hamilton County				
Harlan County				
Hayes County				
Hitchcock County				
Holt County				
Hooker County				
Howard County				
Jefferson County				
Johnson County				
Kearney County				
Keith County				
Keya Paha County				
Kimball County				
Knox County				
Lancaster County				
Lincoln County				
Logan County				
Loup County				
McPherson County				
Madison County				
Merrick County				

NEBRASKA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Morrill County				
Nance County				
Nemaha County				
Nuckolls County				
Otoe County				
Pawnee County				
Perkins County				
Phelps County				
Pierce County				
Platte County				
Polk County				
Red Willow County				
Richardson County				
Rock County				
Saline County				
Sarpy County				
Saunders County				
Scotts Bluff County				
Seward County				
Sheridan County				
Sherman County				
Sioux County				
Stanton County				
Thayer County				
Thomas County				
Thurston County				
Valley County				
Washington County				
Wayne County				
Webster County				
Wheeler County				
York County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Includes any Indian country in each county or area, unless otherwise specified.

■ 30. Section 81.329 is amended as follows:

■ a. By revising the table heading for "Nevada—Ozone (8-Hour Standard)" to read "Nevada—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Nevada—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Nevada—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.329 Nevada.

* * * * *

NEVADA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country: [2]	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Statewide refers to hydrographic areas as shown on the State of Nevada Division of Water Resources' map titled "Water Resources and Inter-basin Flows" (September 1971), as revised to include a division of Carson Desert (area 101) into two areas, a smaller area 101 and area 101A, and a division of Boulder Flat (area 61) into an Upper Unit 61 and a Lower Unit 61. See also 67 FR 12474 (March 19, 2002).

■ 31. Section 81.330 is amended as follows:

■ a. By revising the table heading for "New Hampshire—Ozone (8-Hour Standard)" to read "New Hampshire—1997 8-Hour Ozone NAAQS (Primary and Secondary)

■ b. By adding a new table entitled "New Hampshire—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "New Hampshire—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.330 New Hampshire.

* * * * *

NEW HAMPSHIRE—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide: [2]		Unclassifiable/Attainment.		
Belknap County				
Carroll County				
Cheshire County				
Coos County				
Grafton County				
Hillsborough County				
Merrimack County				
Rockingham County				
Strafford County				
Sullivan County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Includes any Indian country in each county or area, unless otherwise specified.

■ 32. Section 81.331 is amended as follows:

■ a. By revising the table heading for "New Jersey—Ozone (8-Hour Standard)" to read "New Jersey—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "New Jersey—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "New Jersey—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.331 New Jersey.

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NEW JERSEY—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
New York-N. New Jersey-Long Island, NY-NJ-CT: [2]		Nonattainment		Marginal.
Bergen County				
Essex County				
Hudson County				
Hunterdon County				
Middlesex County				
Monmouth County				
Morris County				
Passaic County				
Somerset County				
Sussex County				
Union County				
Warren County				
Philadelphia–Wilmington–Atlantic City, PA-NJ-MD-DE: [2].		Nonattainment		Marginal.
Atlantic County				
Burlington County				
Camden County				
Cape May County				
Cumberland County				
Gloucester County				
Mercer County				
Ocean County				
Salem County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.

■ 33. Section 81.332 is amended as follows:

■ a. By revising the table heading for "New Mexico—Ozone (8-Hour Standard)" to read "New Mexico—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "New Mexico—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "New Mexico—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.332 New Mexico.

* * * * *

NEW MEXICO—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
AQCR 012 New Mexico–Southern Border Intrastate:				
Grant County		Unclassifiable/Attainment.		
Hidalgo County		Unclassifiable/Attainment.		
Luna County		Unclassifiable/Attainment.		
AQCR 014 Four Corners Interstate (see 40 CFR 81.121):				
McKinley County (part)		Unclassifiable/Attainment.		
Río Arriba County (part)		Unclassifiable/Attainment.		
Sandoval County (part)		Unclassifiable/Attainment.		
San Juan County		Unclassifiable/Attainment.		
Valencia County (part)		Unclassifiable/Attainment.		
AQCR 152 Albuquerque–Mid Rio Grande Intrastate (see 40 CFR 81.83):				
Bernalillo County		Unclassifiable/Attainment.		
Sandoval County (part)		Unclassifiable/Attainment.		
Valencia County (part)		Unclassifiable/Attainment.		
AQCR 153 El Paso–Las Cruces–Alamogordo Interstate:				
Doña Ana County		Unclassifiable/Attainment.		
Lincoln County		Unclassifiable/Attainment.		
Otero County		Unclassifiable/Attainment.		
Sierra County		Unclassifiable/Attainment.		
AQCR 154 Northeastern Plains Intrastate:				
Colfax County		Unclassifiable/Attainment.		
Guadalupe County		Unclassifiable/Attainment.		
Harding County		Unclassifiable/Attainment.		
Mora County		Unclassifiable/Attainment.		
San Miguel County		Unclassifiable/Attainment.		
Torrance County		Unclassifiable/Attainment.		
Union County		Unclassifiable/Attainment.		
AQCR 155 Pecos–Permian Basin Intrastate:				
Chaves County		Unclassifiable/Attainment.		
Curry County		Unclassifiable/Attainment.		
De Baca County		Unclassifiable/Attainment.		
Eddy County		Unclassifiable/Attainment.		
Lea County		Unclassifiable/Attainment.		
Quay County		Unclassifiable/Attainment.		
Roosevelt County		Unclassifiable/Attainment.		
AQCR 156 SW Mountains–Augustine Plains (see 40 CFR 81.241):				
Catron County		Unclassifiable/Attainment.		
Cibola County		Unclassifiable/Attainment.		
McKinley County (part)		Unclassifiable/Attainment.		
Socorro County		Unclassifiable/Attainment.		
Valencia County (part)		Unclassifiable/Attainment.		
AQCR 157 Upper Rio Grande Valley Intrastate (see 40 CFR 81.239):				
Los Alamos County		Unclassifiable/Attainment.		
Río Arriba County (part)		Unclassifiable/Attainment.		
Santa Fe County		Unclassifiable/Attainment.		
Taos County		Unclassifiable/Attainment.		

[1] Includes any Indian country in each county or area, unless otherwise specified.
[2] This date is July 20, 2012, unless otherwise noted.

■ 34. Section 81.333 is amended as follows:

■ a. By revising the table heading for "New York—Ozone (8-Hour Standard)" to read "New York—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "New York—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "New York—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.333 New York.

* * * * *

NEW YORK—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Jamestown, NY: [2]N		NonAttainment	Marginal.	
Chautauqua County				
New York-N. New Jersey-Long Island, NY-NJ-CT: [2]		Nonattainment		Marginal.
Bronx County				
Kings County				
Nassau County				
New York County				
Queens County				
Richmond County				
Rockland County				
Suffolk County				
Westchester County				
Shinnecock Indian Nation [3]				
Albany-Schenectady-Troy Area, NY: [4]		Unclassifiable/Attainment.		
Albany County				
Rensselaer County				
Saratoga County				
Schenectady County				
Schoharie County				
Buffalo-Niagara Falls Area, NY: [4]		Unclassifiable/Attainment.		
Erie County				
Niagara County				
Jefferson County Area, NY: [4]		Unclassifiable/Attainment.		
Jefferson County				
Kingston Area, NY: [4]		Unclassifiable/Attainment.		
Ulster County				
Poughkeepsie Area, NY: [4]		Unclassifiable/Attainment.		
Dutchess County				
Orange County				
Putnam County				
Rochester Area, NY: [4]		Unclassifiable/Attainment.		
Livingston County				
Monroe County				
Ontario County				
Orleans County				
Wayne County				
Syracuse, NY: [4]		Unclassifiable/Attainment.		
Madison County				
Onondaga County				
Oswego County				
Whiteface Mountain: [4]		Unclassifiable/Attainment.		
Essex County (part)				
The portion of Whiteface Mountain above 4500 feet in elevation in Essex County				
Rest of State and Rest of Indian Country		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.
[4] Includes any Indian country in each county or area, unless otherwise specified.

■ 35. Section 81.334 is amended as follows:

■ a. By revising the table heading for "North Carolina—Ozone (8-Hour Standard)" to read "North Carolina—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "North Carolina—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "North Carolina—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.334 North Carolina.

* * * * *

NORTH CAROLINA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Charlotte-Rock Hill, NC-SC: [2]		Nonattainment		Marginal.
Cabarrus County (part)				
Central Cabarrus Township, Georgeville Township, Harrisburg Township, Kannapolis Township, Midland Township, Mount Pleasant Township, New Gilead Township, Odell Township, Poplar Tent Township, Rimertown Township				
Gaston County (part)				
Crowders Mountain Township, Dallas Township, Gastonia Township, Riverbend Township, South Point Township				
Iredell County (part)				
Davidson Township, Coddle Creek Township				
Lincoln County (part)				
Catawba Springs Township, Ironton Township, Lincolnton Township				
Mecklenburg County				
Rowan County (part)				
Atwell Township, China Grove Township, Franklin Township, Litaker Township, Locke Township, Providence Township, Salisbury Township, Steele Township, Unity Township				
Union County (part) Goose Creek Township, Marshville Township, Monroe Township, Sandy Ridge Township, Vance Township				
Rest of State: [3]				
Alamance County		Unclassifiable/Attainment.		
Alexander County		Unclassifiable/Attainment.		
Alleghany County		Unclassifiable/Attainment.		
Anson County		Unclassifiable/Attainment.		
Ashe County		Unclassifiable/Attainment.		
Avery County		Unclassifiable/Attainment.		
Beaufort County		Unclassifiable/Attainment.		
Bertie County		Unclassifiable/Attainment.		
Bladen County		Unclassifiable/Attainment.		
Brunswick County		Unclassifiable/Attainment.		
Buncombe County		Unclassifiable/Attainment.		
Burke County		Unclassifiable/Attainment.		
Cabarrus County (part)				
Gold Hill Township		Unclassifiable/Attainment.		
Caldwell County		Unclassifiable/Attainment.		
Camden County		Unclassifiable/Attainment.		
Carteret County		Unclassifiable/Attainment.		
Caswell County		Unclassifiable/Attainment.		
Catawba County		Unclassifiable/Attainment.		
Chatham County		Unclassifiable/Attainment.		
Cherokee County		Unclassifiable/Attainment.		
Chowan County		Unclassifiable/Attainment.		
Clay County		Unclassifiable/Attainment.		
Cleveland County		Unclassifiable/Attainment.		
Columbus County		Unclassifiable/Attainment.		
Craven County		Unclassifiable/Attainment.		
Cumberland County		Unclassifiable/Attainment.		
Currituck County		Unclassifiable/Attainment.		
Dare County		Unclassifiable/Attainment.		
Davidson County		Unclassifiable/Attainment.		
Davie County		Unclassifiable/Attainment.		
Duplin County		Unclassifiable/Attainment.		
Durham County		Unclassifiable/Attainment.		
Edgecombe County		Unclassifiable/Attainment.		
Forsyth County		Unclassifiable/Attainment.		
Franklin County		Unclassifiable/Attainment.		
Gaston County (part)				
Cherryville.				
Township		Unclassifiable/Attainment.		
Gates County		Unclassifiable/Attainment.		
Graham County		Unclassifiable/Attainment.		

NORTH CAROLINA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Granville County		Unclassifiable/Attainment.		
Greene County		Unclassifiable/Attainment.		
Guilford County		Unclassifiable/Attainment.		
Halifax County		Unclassifiable/Attainment.		
Harnett County		Unclassifiable/Attainment.		
Haywood County		Unclassifiable/Attainment.		
Henderson County		Unclassifiable/Attainment.		
Hertford County		Unclassifiable/Attainment.		
Hoke County		Unclassifiable/Attainment.		
Hyde County		Unclassifiable/Attainment.		
Iredell County (part)				
Barringer Township		Unclassifiable/Attainment.		
Bethany Township		Unclassifiable/Attainment.		
Chambersburg Township		Unclassifiable/Attainment.		
Concord Township		Unclassifiable/Attainment.		
Cool Springs Township		Unclassifiable/Attainment.		
Eagle Mills Township		Unclassifiable/Attainment.		
Fallstown Township		Unclassifiable/Attainment.		
New Hope Township		Unclassifiable/Attainment.		
Olin Township		Unclassifiable/Attainment.		
Sharpesburg Township		Unclassifiable/Attainment.		
Shiloh Township		Unclassifiable/Attainment.		
Statesville Township		Unclassifiable/Attainment.		
Turnersburg Township		Unclassifiable/Attainment.		
Union Grove Township		Unclassifiable/Attainment.		
Jackson County		Unclassifiable/Attainment.		
Johnston County		Unclassifiable/Attainment.		
Jones County		Unclassifiable/Attainment.		
Lee County		Unclassifiable/Attainment.		
Lenoir County		Unclassifiable/Attainment.		
Lincoln County (part)				
Howard's Creek Township		Unclassifiable/Attainment.		
North Brook Township		Unclassifiable/Attainment.		
Macon County		Unclassifiable/Attainment.		
Madison County		Unclassifiable/Attainment.		
Martin County		Unclassifiable/Attainment.		
McDowell County		Unclassifiable/Attainment.		
Mitchell County		Unclassifiable/Attainment.		
Montgomery County		Unclassifiable/Attainment.		
Moore County		Unclassifiable/Attainment.		
Nash County		Unclassifiable/Attainment.		
New Hanover County		Unclassifiable/Attainment.		
Northampton County		Unclassifiable/Attainment.		
Onslow County		Unclassifiable/Attainment.		
Orange County		Unclassifiable/Attainment.		
Pamlico County		Unclassifiable/Attainment.		
Pasquotank County		Unclassifiable/Attainment.		
Pender County		Unclassifiable/Attainment.		
Perquimans County		Unclassifiable/Attainment.		
Person County		Unclassifiable/Attainment.		
Pitt County		Unclassifiable/Attainment.		
Polk County		Unclassifiable/Attainment.		
Randolph County		Unclassifiable/Attainment.		
Richmond County		Unclassifiable/Attainment.		
Robeson County		Unclassifiable/Attainment.		
Rockingham County		Unclassifiable/Attainment.		
Rowan County (part)				
Cleveland Township		Unclassifiable/Attainment.		
Morgan Township		Unclassifiable/Attainment.		
Mount Ulla Township		Unclassifiable/Attainment.		
Scotch Irish Township		Unclassifiable/Attainment.		
Rutherford County		Unclassifiable/Attainment.		
Sampson County		Unclassifiable/Attainment.		
Scotland County		Unclassifiable/Attainment.		
Stanly County		Unclassifiable/Attainment.		
Stokes County		Unclassifiable/Attainment.		
Surry County		Unclassifiable/Attainment.		
Swain County		Unclassifiable/Attainment.		
Transylvania County		Unclassifiable/Attainment.		

NORTH CAROLINA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Tyrrell County		Unclassifiable/Attainment.		
Union County (part).				
Buford Township		Unclassifiable/Attainment.		
Jackson Township		Unclassifiable/Attainment.		
Lanes Creek Township		Unclassifiable/Attainment.		
New Salem Township		Unclassifiable/Attainment.		
Vance County		Unclassifiable/Attainment.		
Wake County		Unclassifiable/Attainment.		
Warren County		Unclassifiable/Attainment.		
Washington County		Unclassifiable/Attainment.		
Watauga County		Unclassifiable/Attainment.		
Wayne County		Unclassifiable/Attainment.		
Wilkes County		Unclassifiable/Attainment.		
Wilson County		Unclassifiable/Attainment.		
Yadkin County		Unclassifiable/Attainment.		
Yancey County		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 36. Section 81.335 is amended as follows:

■ a. By revising the table heading for "North Dakota—Ozone (8-Hour Standard)" to read "North Dakota—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "North Dakota—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "North Dakota—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.335 North Dakota.

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NORTH DAKOTA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Areas of Indian Country		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 37. Section 81.336 is amended as follows:

■ a. By revising the table heading for "Ohio—Ozone (8-Hour Standard)" to read "Ohio—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Ohio—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Ohio—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.336 Ohio.

* * * * *

OHIO—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Cincinnati, OH-KY-IN: [2]		Nonattainment		Marginal.
Butler County				
Clermont County				
Clinton County				
Hamilton County				
Warren County				
Cleveland-Akron-Lorain, OH: [2]		Nonattainment		Marginal.
Ashtabula County				
Cuyahoga County				
Geauga County				
Lake County				
Lorain County				
Medina County				

OHIO—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Portage County Summit County Columbus, OH: [2]	.....	Nonattainment	.....	Marginal.
Delaware County Fairfield County Franklin County Knox County Licking County Madison County Rest of State: [3]	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 38. Section 81.337 is amended as follows:

■ a. By revising the table heading for "Oklahoma—Ozone (8-Hour Standard)" to read "Oklahoma—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Oklahoma—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Oklahoma—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.337 Oklahoma.

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OKLAHOMA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
Adair County	.....	Unclassifiable/Attainment.		
Alfalfa County	.....	Unclassifiable/Attainment.		
Atoka County	.....	Unclassifiable/Attainment.		
Beaver County	.....	Unclassifiable/Attainment.		
Beckham County	.....	Unclassifiable/Attainment.		
Blaine County	.....	Unclassifiable/Attainment.		
Bryan County	.....	Unclassifiable/Attainment.		
Caddo County	.....	Unclassifiable/Attainment.		
Canadian County	.....	Unclassifiable/Attainment.		
Carter County	.....	Unclassifiable/Attainment.		
Cherokee County	.....	Unclassifiable/Attainment.		
Choctaw County	.....	Unclassifiable/Attainment.		
Cimarron County	.....	Unclassifiable/Attainment.		
Cleveland County	.....	Unclassifiable/Attainment.		
Coal County	.....	Unclassifiable/Attainment.		
Comanche County	.....	Unclassifiable/Attainment.		
Cotton County	.....	Unclassifiable/Attainment.		
Craig County	.....	Unclassifiable/Attainment.		
Creek County	.....	Unclassifiable/Attainment.		
Custer County	.....	Unclassifiable/Attainment.		
Delaware County	.....	Unclassifiable/Attainment.		
Dewey County	.....	Unclassifiable/Attainment.		
Ellis County	.....	Unclassifiable/Attainment.		
Garfield County	.....	Unclassifiable/Attainment.		
Garvin County	.....	Unclassifiable/Attainment.		
Grady County	.....	Unclassifiable/Attainment.		
Grant County	.....	Unclassifiable/Attainment.		
Greer County	.....	Unclassifiable/Attainment.		
Harmon County	.....	Unclassifiable/Attainment.		
Harper County	.....	Unclassifiable/Attainment.		
Haskell County	.....	Unclassifiable/Attainment.		
Hughes County	.....	Unclassifiable/Attainment.		
Jackson County	.....	Unclassifiable/Attainment.		
Jefferson County	.....	Unclassifiable/Attainment.		
Johnston County	.....	Unclassifiable/Attainment.		
Kay County	.....	Unclassifiable/Attainment.		
Kingfisher County	.....	Unclassifiable/Attainment.		
Kiowa County	.....	Unclassifiable/Attainment.		
Latimer County	.....	Unclassifiable/Attainment.		

OKLAHOMA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
Le Flore County		Unclassifiable/Attainment.		
Lincoln County		Unclassifiable/Attainment.		
Logan County		Unclassifiable/Attainment.		
Love County		Unclassifiable/Attainment.		
Major County		Unclassifiable/Attainment.		
Marshall County		Unclassifiable/Attainment.		
Mayes County		Unclassifiable/Attainment.		
McClain County		Unclassifiable/Attainment.		
McCurtain County		Unclassifiable/Attainment.		
McIntosh County		Unclassifiable/Attainment.		
Murray County		Unclassifiable/Attainment.		
Muskogee County		Unclassifiable/Attainment.		
Noble County		Unclassifiable/Attainment.		
Nowata County		Unclassifiable/Attainment.		
Okfuskee County		Unclassifiable/Attainment.		
Oklahoma County		Unclassifiable/Attainment.		
Okmulgee County		Unclassifiable/Attainment.		
Osage County		Unclassifiable/Attainment.		
Ottawa County		Unclassifiable/Attainment.		
Pawnee County		Unclassifiable/Attainment.		
Payne County		Unclassifiable/Attainment.		
Pittsburg County		Unclassifiable/Attainment.		
Pontotoc County		Unclassifiable/Attainment.		
Pottawatomie County		Unclassifiable/Attainment.		
Pushmataha County		Unclassifiable/Attainment.		
Roger Mills County		Unclassifiable/Attainment.		
Rogers County		Unclassifiable/Attainment.		
Seminole County		Unclassifiable/Attainment.		
Sequoyah County		Unclassifiable/Attainment.		
Stephens County		Unclassifiable/Attainment.		
Texas County		Unclassifiable/Attainment.		
Tillman County		Unclassifiable/Attainment.		
Tulsa County		Unclassifiable/Attainment.		
Wagoner County		Unclassifiable/Attainment.		
Washington County		Unclassifiable/Attainment.		
Washita County		Unclassifiable/Attainment.		
Woods County		Unclassifiable/Attainment.		
Woodward County		Unclassifiable/Attainment.		

[1] Includes any Indian country in each county or area, unless otherwise specified.
[2] This date is July 20, 2012, unless otherwise noted.

■ 39. Section 81.338 is amended as follows:

■ a. By revising the table heading for "Oregon—Ozone (8-Hour Standard)" to read "Oregon—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Oregon—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Oregon—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.338 Oregon.

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OREGON—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 40. Section 81.339 is amended as follows:

■ a. By revising the table heading for "Pennsylvania—Ozone (8-Hour Standard)" to read "Pennsylvania—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Pennsylvania—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Pennsylvania—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.339 Pennsylvania.

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PENNSYLVANIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Allentown-Bethlehem-Easton, PA [2]		Nonattainment		Marginal.
Carbon County				
Lehigh County				
Northampton County				
Lancaster, PA [2]		Nonattainment		Marginal.
Lancaster County				
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE [2]		Nonattainment		Marginal.
Bucks County				
Chester County				
Delaware County				
Montgomery County				
Philadelphia County				
Pittsburgh-Beaver Valley, PA [2]		Nonattainment		Marginal.
Allegheny County				
Armstrong County				
Beaver County				
Butler County				
Fayette County				
Washington County				
Westmoreland County				
Reading, PA [2]		Nonattainment		Marginal.
Berks County				
AQCR 151 NE Pennsylvania Intrastate (remainder) [3]				
Bradford County		Unclassifiable/Attainment.		
Lackawanna County		Unclassifiable/Attainment.		
Luzerne County		Unclassifiable/Attainment.		
Monroe County		Unclassifiable/Attainment.		
Pike County		Unclassifiable/Attainment.		
Schuylkill County		Unclassifiable/Attainment.		
Sullivan County		Unclassifiable/Attainment.		
Susquehanna County		Unclassifiable/Attainment.		
Tioga County		Unclassifiable/Attainment.		
Wayne County		Unclassifiable/Attainment.		
Wyoming		Unclassifiable/Attainment.		
AQCR 178 NW Pennsylvania Intrastate [3]				
Cameron County		Unclassifiable/Attainment.		
Clarion County		Unclassifiable/Attainment.		
Clearfield County		Unclassifiable/Attainment.		
Crawford County		Unclassifiable/Attainment.		
Elk County		Unclassifiable/Attainment.		
Erie County		Unclassifiable/Attainment.		
Forest County		Unclassifiable/Attainment.		
Jefferson County		Unclassifiable/Attainment.		
Lawrence County		Unclassifiable/Attainment.		
McKean County		Unclassifiable/Attainment.		
Mercer County		Unclassifiable/Attainment.		
Potter County		Unclassifiable/Attainment.		
Venango County		Unclassifiable/Attainment.		
Warren County		Unclassifiable/Attainment.		
AQCR 195 Central Pennsylvania Intrastate [3]				
Bedford County		Unclassifiable/Attainment.		
Blair County		Unclassifiable/Attainment.		
Cambria County		Unclassifiable/Attainment.		
Centre County		Unclassifiable/Attainment.		
Clinton County		Unclassifiable/Attainment.		
Columbia County		Unclassifiable/Attainment.		
Fulton County		Unclassifiable/Attainment.		
Huntingdon County		Unclassifiable/Attainment.		
Juniata County		Unclassifiable/Attainment.		
Lycoming County		Unclassifiable/Attainment.		
Mifflin County		Unclassifiable/Attainment.		
Montour County		Unclassifiable/Attainment.		
Northumberland County		Unclassifiable/Attainment.		
Snyder County		Unclassifiable/Attainment.		
Somerset County		Unclassifiable/Attainment.		
Union County		Unclassifiable/Attainment.		
AQCR 196 South Central Pennsylvania (remainder) [3]				
Adams County		Unclassifiable/Attainment.		
Cumberland County		Unclassifiable/Attainment.		

PENNSYLVANIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Dauphin County		Unclassifiable/Attainment.		
Franklin County		Unclassifiable/Attainment.		
Lebanon County		Unclassifiable/Attainment.		
Perry County		Unclassifiable/Attainment.		
York County		Unclassifiable/Attainment.		
AQCR 197 Southwest Pennsylvania (remainder) [3]				
Green County		Unclassifiable/Attainment.		
Indiana County		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 41. Section 81.340 is amended as follows:

■ a. By revising the table heading for "Rhode Island—Ozone (8-Hour Standard)" to read "Rhode Island—1997 8-Hour Ozone NAAQS (Primary and Secondary)".

■ b. By adding a new table entitled "Rhode Island—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Rhode Island—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.340 Rhode Island.

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RHODE ISLAND—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Providence (all of RI), RI: [2]		Unclassifiable/Attainment.		
Bristol County				
Kent County				
Newport County				
Providence County				
Washington County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Includes any Indian country in each county or area, unless otherwise specified.

■ 42. Section 81.341 is amended as follows:

■ a. By revising the table heading for "South Carolina—Ozone (8-Hour Standard)" to read "South Carolina—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "South Carolina—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "South Carolina—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.341 South Carolina.

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SOUTH CAROLINA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Charlotte-Rock Hill, NC-SC: [2]		Nonattainment		Marginal.
York County (part)				
Portion along MPO lines				
Catawba Indian Nation (aka Catawba Tribe of South Carolina) [3].		Unclassifiable/Attainment.		
Rest of State: [4]		Unclassifiable/Attainment.		
Abbeville County		Unclassifiable/Attainment.		
Aiken County		Unclassifiable/Attainment.		
Allendale County		Unclassifiable/Attainment.		
Bamberg County		Unclassifiable/Attainment.		
Barnwell County		Unclassifiable/Attainment.		
Beaufort County		Unclassifiable/Attainment.		
Berkeley County		Unclassifiable/Attainment.		
Calhoun County		Unclassifiable/Attainment.		
Charleston County		Unclassifiable/Attainment.		

SOUTH CAROLINA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Cherokee County		Unclassifiable/Attainment.		
Chester County		Unclassifiable/Attainment.		
Chesterfield County		Unclassifiable/Attainment.		
Clarendon County		Unclassifiable/Attainment.		
Colleton County		Unclassifiable/Attainment.		
Darlington County		Unclassifiable/Attainment.		
Dillon County		Unclassifiable/Attainment.		
Dorchester County		Unclassifiable/Attainment.		
Edgefield County		Unclassifiable/Attainment.		
Fairfield County		Unclassifiable/Attainment.		
Florence County		Unclassifiable/Attainment.		
Georgetown County		Unclassifiable/Attainment.		
Greenwood County		Unclassifiable/Attainment.		
Hampton County		Unclassifiable/Attainment.		
Horry County		Unclassifiable/Attainment.		
Jasper County		Unclassifiable/Attainment.		
Kershaw County		Unclassifiable/Attainment.		
Lancaster County		Unclassifiable/Attainment.		
Laurens County		Unclassifiable/Attainment.		
Lee County		Unclassifiable/Attainment.		
Lexington County		Unclassifiable/Attainment.		
Marion County		Unclassifiable/Attainment.		
Marlboro County		Unclassifiable/Attainment.		
McCormick County		Unclassifiable/Attainment.		
Newberry County		Unclassifiable/Attainment.		
Oconee County		Unclassifiable/Attainment.		
Orangeburg County		Unclassifiable/Attainment.		
Pickens County		Unclassifiable/Attainment.		
Richland County		Unclassifiable/Attainment.		
Saluda County		Unclassifiable/Attainment.		
Sumter County		Unclassifiable/Attainment.		
Union County		Unclassifiable/Attainment.		
Williamsburg County		Unclassifiable/Attainment.		
York County (part) remainder		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.
[4] Includes any Indian country in each county or area, unless otherwise specified.

■ 43. Section 81.342 is amended as follows:

■ a. By revising the table heading for "South Dakota—Ozone (8-Hour Standard)" to read "South Dakota—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "South Dakota—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "South Dakota—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.342 South Dakota.

* * * * *

SOUTH DAKOTA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Statewide and Any Areas of Indian Country:		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 44. Section 81.343 is amended as follows:

■ a. By revising the table heading for "Tennessee—Ozone (8-Hour Standard)" to read "Tennessee—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Tennessee—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Tennessee—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.343 Tennessee.

* * * * *

TENNESSEE—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Knoxville, TN: [2]		Nonattainment		Marginal.
Anderson County (part)				
2000 Census tracts: 202, 213.02				
Blount County				
Knox County				
Memphis, TN-MS-AR: [2]		Nonattainment		Marginal.
Shelby County				
Rest of State: [3]		Unclassifiable/Attainment.		
Anderson County (part) remainder		Unclassifiable/Attainment.		
Bedford County		Unclassifiable/Attainment.		
Benton County		Unclassifiable/Attainment.		
Bledsoe County		Unclassifiable/Attainment.		
Bradley County		Unclassifiable/Attainment.		
Campbell County		Unclassifiable/Attainment.		
Cannon County		Unclassifiable/Attainment.		
Carroll County		Unclassifiable/Attainment.		
Carter County		Unclassifiable/Attainment.		
Cheatham County		Unclassifiable/Attainment.		
Chester County		Unclassifiable/Attainment.		
Claiborne County		Unclassifiable/Attainment.		
Clay County		Unclassifiable/Attainment.		
Cocke County		Unclassifiable/Attainment.		
Coffee County		Unclassifiable/Attainment.		
Crockett County		Unclassifiable/Attainment.		
Cumberland County		Unclassifiable/Attainment.		
Davidson County		Unclassifiable/Attainment.		
Decatur County		Unclassifiable/Attainment.		
DeKalb County		Unclassifiable/Attainment.		
Dickson County		Unclassifiable/Attainment.		
Dyer County		Unclassifiable/Attainment.		
Fayette County		Unclassifiable/Attainment.		
Fentress County		Unclassifiable/Attainment.		
Franklin County		Unclassifiable/Attainment.		
Gibson County		Unclassifiable/Attainment.		
Giles County		Unclassifiable/Attainment.		
Grainger County		Unclassifiable/Attainment.		
Greene County		Unclassifiable/Attainment.		
Grundy County		Unclassifiable/Attainment.		
Hamblen County		Unclassifiable/Attainment.		
Hamilton County		Unclassifiable/Attainment.		
Hancock County		Unclassifiable/Attainment.		
Hardeman County		Unclassifiable/Attainment.		
Hardin County		Unclassifiable/Attainment.		
Hawkins County		Unclassifiable/Attainment.		
Haywood County		Unclassifiable/Attainment.		
Henderson County		Unclassifiable/Attainment.		
Henry County		Unclassifiable/Attainment.		
Hickman County		Unclassifiable/Attainment.		
Houston County		Unclassifiable/Attainment.		
Humphreys County		Unclassifiable/Attainment.		
Jackson County		Unclassifiable/Attainment.		
Jefferson County		Unclassifiable/Attainment.		
Johnson County		Unclassifiable/Attainment.		
Lake County		Unclassifiable/Attainment.		
Lauderdale County		Unclassifiable/Attainment.		
Lawrence County		Unclassifiable/Attainment.		
Lewis County		Unclassifiable/Attainment.		
Lincoln County		Unclassifiable/Attainment.		
Loudon County		Unclassifiable/Attainment.		
McMinn County		Unclassifiable/Attainment.		
McNairy County		Unclassifiable/Attainment.		
Macon County		Unclassifiable/Attainment.		
Madison County		Unclassifiable/Attainment.		
Marion County		Unclassifiable/Attainment.		
Marshall County		Unclassifiable/Attainment.		
Maury County		Unclassifiable/Attainment.		
Meigs County		Unclassifiable/Attainment.		
Monroe County		Unclassifiable/Attainment.		
Montgomery County		Unclassifiable/Attainment.		

TENNESSEE—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Moore County	.....	Unclassifiable/Attainment.		
Morgan County	.....	Unclassifiable/Attainment.		
Obion County	.....	Unclassifiable/Attainment.		
Overton County	.....	Unclassifiable/Attainment.		
Perry County	.....	Unclassifiable/Attainment.		
Pickett County	.....	Unclassifiable/Attainment.		
Polk County	.....	Unclassifiable/Attainment.		
Putnam County	.....	Unclassifiable/Attainment.		
Rhea County	.....	Unclassifiable/Attainment.		
Roane County	.....	Unclassifiable/Attainment.		
Robertson County	.....	Unclassifiable/Attainment.		
Rutherford County	.....	Unclassifiable/Attainment.		
Scott County	.....	Unclassifiable/Attainment.		
Sequatchie County	.....	Unclassifiable/Attainment.		
Sevier County	.....	Unclassifiable/Attainment.		
Smith County	.....	Unclassifiable/Attainment.		
Stewart County	.....	Unclassifiable/Attainment.		
Sullivan County	.....	Unclassifiable/Attainment.		
Sumner County	.....	Unclassifiable/Attainment.		
Tipton County	.....	Unclassifiable/Attainment.		
Trousdale County	.....	Unclassifiable/Attainment.		
Unicoi County	.....	Unclassifiable/Attainment.		
Union County	.....	Unclassifiable/Attainment.		
Van Buren County	.....	Unclassifiable/Attainment.		
Warren County	.....	Unclassifiable/Attainment.		
Washington County	.....	Unclassifiable/Attainment.		
Wayne County	.....	Unclassifiable/Attainment.		
Weakley County	.....	Unclassifiable/Attainment.		
White County	.....	Unclassifiable/Attainment.		
Williamson County	.....	Unclassifiable/Attainment.		
Wilson County	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 45. Section 81.344 is amended as follows:

■ a. By revising the table heading for "Texas—Ozone (8-Hour Standard)" to read "Texas—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Texas—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Texas—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.344 Texas.

* * * * *

TEXAS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Dallas-Fort Worth, TX: [2]	.....	Nonattainment	.....	Moderate.
Collin County				
Dallas County				
Denton County				
Ellis County				
Johnson County				
Kaufman County				
Parker County				
Rockwall County				
Tarrant County				
Wise County				
Houston-Galveston-Brazoria, TX: [2]	.....	Nonattainment	.....	Marginal.
Brazoria County				
Chambers County				
Fort Bend County				
Galveston County				
Harris County				

TEXAS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Liberty County				
Montgomery County				
Waller County				
Rest of State: [3]				
Anderson County		Unclassifiable/Attainment.		
Andrews County		Unclassifiable/Attainment.		
Angelina County		Unclassifiable/Attainment.		
Aransas County		Unclassifiable/Attainment.		
Archer County		Unclassifiable/Attainment.		
Armstrong County		Unclassifiable/Attainment.		
Atascosa County		Unclassifiable/Attainment.		
Austin County		Unclassifiable/Attainment.		
Bailey County		Unclassifiable/Attainment.		
Bandera County		Unclassifiable/Attainment.		
Bastrop County		Unclassifiable/Attainment.		
Baylor County		Unclassifiable/Attainment.		
Bee County		Unclassifiable/Attainment.		
Bell County		Unclassifiable/Attainment.		
Bexar County		Unclassifiable/Attainment.		
Blanco County		Unclassifiable/Attainment.		
Borden County		Unclassifiable/Attainment.		
Bosque County		Unclassifiable/Attainment.		
Bowie County		Unclassifiable/Attainment.		
Brazos County		Unclassifiable/Attainment.		
Brewster County		Unclassifiable/Attainment.		
Briscoe County		Unclassifiable/Attainment.		
Brooks County		Unclassifiable/Attainment.		
Brown County		Unclassifiable/Attainment.		
Burleson County		Unclassifiable/Attainment.		
Burnet County		Unclassifiable/Attainment.		
Caldwell County		Unclassifiable/Attainment.		
Calhoun County		Unclassifiable/Attainment.		
Callahan County		Unclassifiable/Attainment.		
Cameron County		Unclassifiable/Attainment.		
Camp County		Unclassifiable/Attainment.		
Carson County		Unclassifiable/Attainment.		
Cass County		Unclassifiable/Attainment.		
Castro County		Unclassifiable/Attainment.		
Cherokee County		Unclassifiable/Attainment.		
Childress County		Unclassifiable/Attainment.		
Clay County		Unclassifiable/Attainment.		
Cochran County		Unclassifiable/Attainment.		
Coke County		Unclassifiable/Attainment.		
Coleman County		Unclassifiable/Attainment.		
Collingsworth County		Unclassifiable/Attainment.		
Colorado County		Unclassifiable/Attainment.		
Comal County		Unclassifiable/Attainment.		
Comanche County		Unclassifiable/Attainment.		
Concho County		Unclassifiable/Attainment.		
Cooke County		Unclassifiable/Attainment.		
Coryell County		Unclassifiable/Attainment.		
Cottle County		Unclassifiable/Attainment.		
Crane County		Unclassifiable/Attainment.		
Crockett County		Unclassifiable/Attainment.		
Crosby County		Unclassifiable/Attainment.		
Culberson County		Unclassifiable/Attainment.		
Dallam County		Unclassifiable/Attainment.		
Dawson County		Unclassifiable/Attainment.		
Deaf Smith County		Unclassifiable/Attainment.		
Delta County		Unclassifiable/Attainment.		
DeWitt County		Unclassifiable/Attainment.		
Dickens County		Unclassifiable/Attainment.		
Dimmit County		Unclassifiable/Attainment.		
Donley County		Unclassifiable/Attainment.		
Duval County		Unclassifiable/Attainment.		
Eastland County		Unclassifiable/Attainment.		
Ector County		Unclassifiable/Attainment.		
Edwards County		Unclassifiable/Attainment.		
El Paso County		Unclassifiable/Attainment.		

TEXAS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Erath County		Unclassifiable/Attainment.		
Falls County		Unclassifiable/Attainment.		
Fannin County		Unclassifiable/Attainment.		
Fayette County		Unclassifiable/Attainment.		
Fisher County		Unclassifiable/Attainment.		
Floyd County		Unclassifiable/Attainment.		
Foard County		Unclassifiable/Attainment.		
Franklin County		Unclassifiable/Attainment.		
Freestone County		Unclassifiable/Attainment.		
Frio County		Unclassifiable/Attainment.		
Gaines County		Unclassifiable/Attainment.		
Garza County		Unclassifiable/Attainment.		
Gillespie County		Unclassifiable/Attainment.		
Glasscock County		Unclassifiable/Attainment.		
Goliad County		Unclassifiable/Attainment.		
Gonzales County		Unclassifiable/Attainment.		
Gray County		Unclassifiable/Attainment.		
Grayson County		Unclassifiable/Attainment.		
Gregg County		Unclassifiable/Attainment.		
Grimes County		Unclassifiable/Attainment.		
Guadalupe County		Unclassifiable/Attainment.		
Hale County		Unclassifiable/Attainment.		
Hall County		Unclassifiable/Attainment.		
Hamilton County		Unclassifiable/Attainment.		
Hansford County		Unclassifiable/Attainment.		
Hardeman County		Unclassifiable/Attainment.		
Hardin County		Unclassifiable/Attainment.		
Harrison County		Unclassifiable/Attainment.		
Hartley County		Unclassifiable/Attainment.		
Haskell County		Unclassifiable/Attainment.		
Hays County		Unclassifiable/Attainment.		
Hemphill County		Unclassifiable/Attainment.		
Henderson County		Unclassifiable/Attainment.		
Hidalgo County		Unclassifiable/Attainment.		
Hill County		Unclassifiable/Attainment.		
Hockley County		Unclassifiable/Attainment.		
Hood County		Unclassifiable/Attainment.		
Hopkins County		Unclassifiable/Attainment.		
Houston County		Unclassifiable/Attainment.		
Howard County		Unclassifiable/Attainment.		
Hudspeth County		Unclassifiable/Attainment.		
Hunt County		Unclassifiable/Attainment.		
Hutchinson County		Unclassifiable/Attainment.		
Irion County		Unclassifiable/Attainment.		
Jack County		Unclassifiable/Attainment.		
Jackson County		Unclassifiable/Attainment.		
Jasper County		Unclassifiable/Attainment.		
Jeff Davis County		Unclassifiable/Attainment.		
Jefferson County		Unclassifiable/Attainment.		
Jim Hogg County		Unclassifiable/Attainment.		
Jim Wells County		Unclassifiable/Attainment.		
Jones County		Unclassifiable/Attainment.		
Karnes County		Unclassifiable/Attainment.		
Kendall County		Unclassifiable/Attainment.		
Kenedy County		Unclassifiable/Attainment.		
Kent County		Unclassifiable/Attainment.		
Kerr County		Unclassifiable/Attainment.		
Kimble County		Unclassifiable/Attainment.		
King County		Unclassifiable/Attainment.		
Kinney County		Unclassifiable/Attainment.		
Kleberg County		Unclassifiable/Attainment.		
Knox County		Unclassifiable/Attainment.		
La Salle County		Unclassifiable/Attainment.		
Lamar County		Unclassifiable/Attainment.		
Lamb County		Unclassifiable/Attainment.		
Lampasas County		Unclassifiable/Attainment.		
Lavaca County		Unclassifiable/Attainment.		
Lee County		Unclassifiable/Attainment.		
Leon County		Unclassifiable/Attainment.		

TEXAS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Limestone County	.....	Unclassifiable/Attainment.		
Lipscomb County	.....	Unclassifiable/Attainment.		
Live Oak County	.....	Unclassifiable/Attainment.		
Llano County	.....	Unclassifiable/Attainment.		
Loving County	.....	Unclassifiable/Attainment.		
Lubbock County	.....	Unclassifiable/Attainment.		
Lynn County	.....	Unclassifiable/Attainment.		
McCulloch County	.....	Unclassifiable/Attainment.		
McLennan County	.....	Unclassifiable/Attainment.		
McMullen County	.....	Unclassifiable/Attainment.		
Madison County	.....	Unclassifiable/Attainment.		
Marion County	.....	Unclassifiable/Attainment.		
Martin County	.....	Unclassifiable/Attainment.		
Mason County	.....	Unclassifiable/Attainment.		
Matagorda County	.....	Unclassifiable/Attainment.		
Maverick County	.....	Unclassifiable/Attainment.		
Medina County	.....	Unclassifiable/Attainment.		
Menard County	.....	Unclassifiable/Attainment.		
Midland County	.....	Unclassifiable/Attainment.		
Milam County	.....	Unclassifiable/Attainment.		
Mills County	.....	Unclassifiable/Attainment.		
Mitchell County	.....	Unclassifiable/Attainment.		
Montague County	.....	Unclassifiable/Attainment.		
Moore County	.....	Unclassifiable/Attainment.		
Morris County	.....	Unclassifiable/Attainment.		
Motley County	.....	Unclassifiable/Attainment.		
Nacogdoches County	.....	Unclassifiable/Attainment.		
Navarro County	.....	Unclassifiable/Attainment.		
Newton County	.....	Unclassifiable/Attainment.		
Nolan County	.....	Unclassifiable/Attainment.		
Nueces County	.....	Unclassifiable/Attainment.		
Ochiltree County	.....	Unclassifiable/Attainment.		
Oldham County	.....	Unclassifiable/Attainment.		
Orange County	.....	Unclassifiable/Attainment.		
Palo Pinto County	.....	Unclassifiable/Attainment.		
Panola County	.....	Unclassifiable/Attainment.		
Parmer County	.....	Unclassifiable/Attainment.		
Pecos County	.....	Unclassifiable/Attainment.		
Polk County	.....	Unclassifiable/Attainment.		
Potter County	.....	Unclassifiable/Attainment.		
Presidio County	.....	Unclassifiable/Attainment.		
Rains County	.....	Unclassifiable/Attainment.		
Randall County	.....	Unclassifiable/Attainment.		
Reagan County	.....	Unclassifiable/Attainment.		
Real County	.....	Unclassifiable/Attainment.		
Red River County	.....	Unclassifiable/Attainment.		
Reeves County	.....	Unclassifiable/Attainment.		
Refugio County	.....	Unclassifiable/Attainment.		
Roberts County	.....	Unclassifiable/Attainment.		
Robertson County	.....	Unclassifiable/Attainment.		
Runnels County	.....	Unclassifiable/Attainment.		
Rusk County	.....	Unclassifiable/Attainment.		
Sabine County	.....	Unclassifiable/Attainment.		
San Augustine County	.....	Unclassifiable/Attainment.		
San Jacinto County	.....	Unclassifiable/Attainment.		
San Patricio County	.	Unclassifiable/Attainment.		
San Saba County	.....	Unclassifiable/Attainment.		
Schleicher County	.....	Unclassifiable/Attainment.		
Scurry County	.....	Unclassifiable/Attainment.		
Shackelford County	.....	Unclassifiable/Attainment.		
Shelby County	.....	Unclassifiable/Attainment.		
Sherman County	.....	Unclassifiable/Attainment.		
Smith County	.....	Unclassifiable/Attainment.		
Somervell County	.....	Unclassifiable/Attainment.		
Starr County	.....	Unclassifiable/Attainment.		
Stephens County	.....	Unclassifiable/Attainment.		
Sterling County	.....	Unclassifiable/Attainment.		
Stonewall County	.....	Unclassifiable/Attainment.		
Sutton County	.....	Unclassifiable/Attainment.		

TEXAS—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Swisher County		Unclassifiable/Attainment.		
Taylor County		Unclassifiable/Attainment.		
Terrell County		Unclassifiable/Attainment.		
Terry County		Unclassifiable/Attainment.		
Throckmorton County		Unclassifiable/Attainment.		
Titus County		Unclassifiable/Attainment.		
Tom Green County		Unclassifiable/Attainment.		
Travis County		Unclassifiable/Attainment.		
Trinity County		Unclassifiable/Attainment.		
Tyler County		Unclassifiable/Attainment.		
Upshur County		Unclassifiable/Attainment.		
Upton County		Unclassifiable/Attainment.		
Uvalde County		Unclassifiable/Attainment.		
Val Verde County		Unclassifiable/Attainment.		
Van Zandt County		Unclassifiable/Attainment.		
Victoria County		Unclassifiable/Attainment.		
Walker County		Unclassifiable/Attainment.		
Ward County		Unclassifiable/Attainment.		
Washington County		Unclassifiable/Attainment.		
Webb County		Unclassifiable/Attainment.		
Wharton County		Unclassifiable/Attainment.		
Wheeler County		Unclassifiable/Attainment.		
Wichita County		Unclassifiable/Attainment.		
Wilbarger County		Unclassifiable/Attainment.		
Willacy County		Unclassifiable/Attainment.		
Williamson County		Unclassifiable/Attainment.		
Wilson County		Unclassifiable/Attainment.		
Winkler County		Unclassifiable/Attainment.		
Wood County		Unclassifiable/Attainment.		
Yoakum County		Unclassifiable/Attainment.		
Young County		Unclassifiable/Attainment.		
Zapata County		Unclassifiable/Attainment.		
Zavala County		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 46. Section 81.345 is amended as follows:

■ a. By revising the table heading for "Utah—Ozone (8-Hour Standard)" to read "Utah—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Utah—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Utah—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.345 Utah.

* * * * *

UTAH—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Uinta Basin, UT: [2]		Unclassifiable.		
Duchesne County				
Uintah County				
Ute Indian Tribe of the Uintah & Ouray Reservation [3]				
Rest of State and Rest of Indian Country		Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.

■ 47. Section 81.346 is amended as follows:

■ a. By revising the table heading for "Vermont—Ozone (8-Hour Standard)" to read "Vermont—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Vermont—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Vermont—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.346 Vermont.

* * * * *

VERMONT—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
AQCR 159 Champlain Valley Interstate:	.....	Unclassifiable/Attainment.		
Addison County				
Chittenden County				
Franklin County				
Grand Isle County				
Rutland County				
AQCR 221 Vermont Intrastate:	.....	Unclassifiable/Attainment.		
Bennington County				
Caledonia County				
Essex County				
Lamoille County				
Orange County				
Orleans County				
Washington County				
Windham County				
Windsor County				

[1] Includes any Indian country in each county or area, unless otherwise specified.
[2] This date is July 20, 2012, unless otherwise noted.

■ 48. Section 81.347 is amended as follows:

■ a. By revising the table heading for "Virginia—Ozone (8-Hour Standard)" to read "Virginia—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Virginia—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Virginia—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.347 Virginia.

* * * * *

VIRGINIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
Washington, DC-MD-VA: [2]	.....	Nonattainment	.....	Marginal.
Arlington County				
Fairfax County				
Loudoun County				
Prince William County				
Alexandria City				
Fairfax City				
Falls Church City				
Manassas City				
Manassas Park City				
AQCR 207 Eastern Tennessee—SW Virginia Interstate: [3].	.....	Unclassifiable/Attainment.		
Bland County				
Buchanan County				
Carroll County				
Dickenson County				
Grayson County				
Lee County				
Russell County				
Scott County				
Smyth County				
Tazewell County				
Washington County				
Wise County				
Wythe County				
Bristol City				
Galax City				
Norton City				
AQCR 222 Central Virginia Intrastate: [3]	.....	Unclassifiable/Attainment.		

VIRGINIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
Amelia County				
Amherst County				
Appomattox County				
Bedford County				
Brunswick County				
Buckingham County				
Campbell County				
Charlotte County				
Cumberland County				
Franklin County				
Halifax County				
Henry County				
Lunenburg County				
Mecklenburg County				
Nottoway County				
Patrick County				
Pittsylvania County				
Prince Edward County				
Bedford City				
Danville City				
Lynchburg City				
Martinsville City				
South Boston City				
AQCR 223 Hampton Roads Intrastate: [3]		Unclassifiable/Attainment.		
Isle of Wight County				
James City County				
Southampton County				
York County				
Chesapeake City				
Franklin City				
Hampton City				
Newport News City				
Norfolk City				
Poquoson City				
Portsmouth City				
Suffolk City				
Virginia Beach City				
Williamsburg City				
AQCR 224 NE Virginia Intrastate: [3]		Unclassifiable/Attainment.		
Accomack County				
Albemarle County				
Caroline County				
Culpeper County				
Essex County				
Fauquier County				
Fluvanna County				
Gloucester County				
Greene County				
King and Queen County				
King George County				
King William County				
Lancaster County				
Louisa County				
Madison County				
Mathews County				
Middlesex County				
Nelson County				
Northampton County				
Northumberland County				
Orange County				
Rappahannock County				
Richmond County				
Spotsylvania County				
Stafford County				
Westmoreland County				
Charlottesville City				
City of Fredericksburg				
AQCR 225 State Capital Intrastate: [3]		Unclassifiable/Attainment.		
Charles City County				

VIRGINIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
Chesterfield County				
Dinwiddie County				
Goochland County				
Greensville County				
Hanover County				
Henrico County				
New Kent County				
Powhatan County				
Prince George County				
Surry County				
Sussex County				
Colonial Heights City				
Emporia City				
Hopewell City				
Petersburg City				
Richmond City				
AQCR 226 Valley of Virginia Intrastate: [3]	.....	Unclassifiable/Attainment.		
Alleghany County				
Augusta County				
Bath County				
Botetourt County				
Clarke County				
Craig County				
Floyd County				
Frederick County				
Giles County				
Highland County				
Montgomery County				
Page County				
Pulaski County				
Roanoke County				
Rockbridge County				
Rockingham County				
Shenandoah County				
Warren County				
Buena Vista City				
Clifton Forge City				
Covington City				
Harrisonburg City				
Lexington City				
Radford City				
Roanoke City				
Salem City				
Staunton City				
Waynesboro City				
Winchester City				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 49. Section 81.348 is amended as follows:

■ a. By revising the table heading for "Washington—Ozone (8-Hour Standard)" to read "Washington—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Washington—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Washington—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.348 Washington.

* * * * *

WASHINGTON—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation [1]		Classification	
	Date [2]	Type	Date [1]	Type
Clark County	.....	Unclassifiable/Attainment.		
King County	.....	Unclassifiable/Attainment.		

WASHINGTON—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation [1]		Classification	
	Date [2]	Type	Date [1]	Type
Pierce County		Unclassifiable/Attainment.		
Spokane County		Unclassifiable/Attainment.		
Thurston County		Unclassifiable/Attainment.		
Rest of state and rest of Indian country		Unclassifiable/Attainment.		

[1] Includes any Indian country in each county or area, unless otherwise specified.
[2] This date is July 20, 2012, unless otherwise noted.

■ 50. Section 81.349 is amended as follows:

■ a. By revising the table heading for "West Virginia—Ozone (8-Hour Standard)" to read "West Virginia—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "West Virginia—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "West Virginia—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.349 West Virginia.

* * * * *

WEST VIRGINIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
Barbour County		Unclassifiable/Attainment.		
Berkeley County		Unclassifiable/Attainment.		
Boone County		Unclassifiable/Attainment.		
Braxton County		Unclassifiable/Attainment.		
Brooke County		Unclassifiable/Attainment.		
Cabell County		Unclassifiable/Attainment.		
Calhoun County		Unclassifiable/Attainment.		
Clay County		Unclassifiable/Attainment.		
Doddridge County		Unclassifiable/Attainment.		
Fayette County		Unclassifiable/Attainment.		
Gilmer County		Unclassifiable/Attainment.		
Grant County		Unclassifiable/Attainment.		
Greenbrier County		Unclassifiable/Attainment.		
Hampshire County		Unclassifiable/Attainment.		
Hancock County		Unclassifiable/Attainment.		
Hardy County		Unclassifiable/Attainment.		
Harrison County		Unclassifiable/Attainment.		
Jackson County		Unclassifiable/Attainment.		
Jefferson County		Unclassifiable/Attainment.		
Kanawha County		Unclassifiable/Attainment.		
Lewis County		Unclassifiable/Attainment.		
Lincoln County		Unclassifiable/Attainment.		
Logan County		Unclassifiable/Attainment.		
McDowell County		Unclassifiable/Attainment.		
Marion County		Unclassifiable/Attainment.		
Marshall County		Unclassifiable/Attainment.		
Mason County		Unclassifiable/Attainment.		
Mercer County		Unclassifiable/Attainment.		
Mineral County		Unclassifiable/Attainment.		
Mingo County		Unclassifiable/Attainment.		
Monongalia County		Unclassifiable/Attainment.		
Monroe County		Unclassifiable/Attainment.		
Morgan County		Unclassifiable/Attainment.		
Nicholas County		Unclassifiable/Attainment.		
Ohio County		Unclassifiable/Attainment.		
Pendleton County		Unclassifiable/Attainment.		
Pleasants County		Unclassifiable/Attainment.		
Pocahontas County		Unclassifiable/Attainment.		
Preston County		Unclassifiable/Attainment.		
Putnam County		Unclassifiable/Attainment.		
Raleigh County		Unclassifiable/Attainment.		
Randolph County		Unclassifiable/Attainment.		
Ritchie County		Unclassifiable/Attainment.		
Roane County		Unclassifiable/Attainment.		
Summers County		Unclassifiable/Attainment.		
Taylor County		Unclassifiable/Attainment.		

WEST VIRGINIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area[1]	Designation		Classification	
	Date[2]	Type	Date[2]	Type
Tucker County		Unclassifiable/Attainment.		
Tyler County		Unclassifiable/Attainment.		
Upshur County		Unclassifiable/Attainment.		
Wayne County		Unclassifiable/Attainment.		
Webster County		Unclassifiable/Attainment.		
Wetzel County		Unclassifiable/Attainment.		
Wirt County		Unclassifiable/Attainment.		
Wood County		Unclassifiable/Attainment.		
Wyoming County		Unclassifiable/Attainment.		

[1] Includes any Indian country located in each county or area, unless otherwise noted.
[2] This date is July 20, 2012, unless otherwise noted.

■ 51. Section 81.350 is amended as follows:

■ a. By revising the table heading for "Wisconsin—Ozone (8-Hour Standard)" to read "Wisconsin—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Wisconsin—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Wisconsin—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.350 Wisconsin.

* * * * *

WISCONSIN—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date[1]	Type	Date[1]	Type
Sheboygan County, WI:[2] Sheboygan County		Nonattainment		Marginal.
Adams County[3]		Unclassifiable/Attainment.		
Ashland County[3]		Unclassifiable/Attainment.		
Barron County[3]		Unclassifiable/Attainment.		
Bayfield County[3]		Unclassifiable/Attainment.		
Brown County[3]		Unclassifiable/Attainment.		
Buffalo County[3]		Unclassifiable/Attainment.		
Burnett County[3]		Unclassifiable/Attainment.		
Calumet County[3]		Unclassifiable/Attainment.		
Chippewa County[3]		Unclassifiable/Attainment.		
Clark County[3]		Unclassifiable/Attainment.		
Columbia County[3]		Unclassifiable/Attainment.		
Crawford County[3]		Unclassifiable/Attainment.		
Dane County[3]		Unclassifiable/Attainment.		
Dodge County[3]		Unclassifiable/Attainment.		
Door County[3]		Unclassifiable/Attainment.		
Douglas County[3]		Unclassifiable/Attainment.		
Dunn County[3]		Unclassifiable/Attainment.		
Eau Claire County[3]		Unclassifiable/Attainment.		
Florence County[3]		Unclassifiable/Attainment.		
Fond du Lac County[3]		Unclassifiable/Attainment.		
Forest County[3]		Unclassifiable/Attainment.		
Grant County[3]		Unclassifiable/Attainment.		
Green County[3]		Unclassifiable/Attainment.		
Green Lake County[3]		Unclassifiable/Attainment.		
Iowa County[3]		Unclassifiable/Attainment.		
Iron County[3]		Unclassifiable/Attainment.		
Jackson County[3]		Unclassifiable/Attainment.		
Jefferson County[3]		Unclassifiable/Attainment.		
Juneau County[3]		Unclassifiable/Attainment.		
Kewaunee County[3]		Unclassifiable/Attainment.		
La Crosse County[3]		Unclassifiable/Attainment.		
Lafayette County[3]		Unclassifiable/Attainment.		
Langlade County[3]		Unclassifiable/Attainment.		
Lincoln County[3]		Unclassifiable/Attainment.		
Manitowoc County[3]		Unclassifiable/Attainment.		
Marathon County[3]		Unclassifiable/Attainment.		
Marinette County[3]		Unclassifiable/Attainment.		
Marquette County[3]		Unclassifiable/Attainment.		
Menominee County[3]		Unclassifiable/Attainment.		

WISCONSIN—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Milwaukee County [3]	.....	Unclassifiable/Attainment.		
Monroe County [3]	.....	Unclassifiable/Attainment.		
Oconto County [3]	.....	Unclassifiable/Attainment.		
Oneida County [3]	.....	Unclassifiable/Attainment.		
Outagamie County [3]	.....	Unclassifiable/Attainment.		
Ozaukee County [3]	.....	Unclassifiable/Attainment.		
Pepin County [3]	.....	Unclassifiable/Attainment.		
Pierce County [3]	.....	Unclassifiable/Attainment.		
Polk County [3]	.....	Unclassifiable/Attainment.		
Portage County [3]	.....	Unclassifiable/Attainment.		
Price County [3]	.....	Unclassifiable/Attainment.		
Racine County [3]	.....	Unclassifiable/Attainment.		
Richland County [3]	.....	Unclassifiable/Attainment.		
Rock County [3]	.....	Unclassifiable/Attainment.		
Rusk County [3]	.....	Unclassifiable/Attainment.		
St. Croix County [3]	.....	Unclassifiable/Attainment.		
Sauk County [3]	.....	Unclassifiable/Attainment.		
Sawyer County [3]	.....	Unclassifiable/Attainment.		
Shawano County [3]	.....	Unclassifiable/Attainment.		
Taylor County [3]	.....	Unclassifiable/Attainment.		
Trempealeau County [3]	.....	Unclassifiable/Attainment.		
Vernon County [3]	.....	Unclassifiable/Attainment.		
Vilas County [3]	.....	Unclassifiable/Attainment.		
Walworth County [3]	.....	Unclassifiable/Attainment.		
Washburn County [3]	.....	Unclassifiable/Attainment.		
Washington County [3]	.....	Unclassifiable/Attainment.		
Waukesha County [3]	.....	Unclassifiable/Attainment.		
Waupaca County [3]	.....	Unclassifiable/Attainment.		
Waushara County [3]	.....	Unclassifiable/Attainment.		
Winnebago County [3]	.....	Unclassifiable/Attainment.		
Wood County [3]	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

■ 52. Section 81.351 is amended as follows:

■ a. By revising the table heading for "Wyoming—Ozone (8-Hour Standard)" to read "Wyoming—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Wyoming—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Wyoming—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.351 Wyoming.

* * * * *

WYOMING—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Upper Green River Basin Area, WY: [2] Lincoln County (part)	.....	Nonattainment	.....	Marginal.

WYOMING—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
The area of the county north and east of the boundary defined by a line starting at the point defined by the intersection of the southwest corner Section 30 Range (R) 115 West Township (T) 27N and the northwest corner of Section 31 R 115 West T27N of Sublette County at Sublette County's border with Lincoln County. From this point the boundary moves to the west 500 feet to Aspen Creek. The boundary follows the centerline of Aspen Creek downstream to the confluence of Aspen Creek and Fontenelle Creek (in R116W T26N, Section 1). From this point the boundary moves generally to the south along the centerline of Fontenelle Creek to the confluence of Fontenelle Creek and Roney Creek (in R115W T24N Section 6). From the confluence, the boundary moves generally to the east along the centerline of Fontenelle Creek and into the Fontenelle Reservoir (in R112W T24N Section 6). The boundary moves east southeast along the centerline of the Fontenelle Reservoir and then toward the south along the centerline of the Green River to where the Green River in R111W T24N Section 31 crosses into Sweetwater County.				
Sublette County				
Sweetwater County (part)				
The area of the county west and north of the boundary which begins at the midpoint of the Green River, where the Green River enters Sweetwater County from Lincoln County in R111W T24N Section 31. From this point, the boundary follows the center of the channel of the Green River generally to the south and east to the confluence of the Green River and the Big Sandy River (in R109W T22N Section 28). From this point, the boundary moves generally north and east along the centerline of the Big Sandy River to the confluence of the Big Sandy River with Little Sandy Creek (in R106W T25N Section 33). The boundary continues generally toward the northeast along the centerline of Little Sandy Creek to the confluence of Little Sandy Creek and Pacific Creek (in R106W T25N Section 24). From this point, the boundary moves generally to the east and north along the centerline of Pacific Creek to the confluence of Pacific Creek and Whitehorse Creek (in R103W T26N Section 10). From this point the boundary follows the centerline of Whitehorse Creek generally to the northeast until it reaches the eastern boundary of Section 1 R103W T26N. From the point where Whitehorse Creek crosses the eastern section line of Section 1 R103W T26N, the boundary moves straight north along the section line to the southeast corner of Section 36 R103W T27N in Sublette County where the boundary ends.				
Rest of State and Rest of Indian Country	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

[2] Excludes Indian country located in each area, unless otherwise noted.

■ 53. Section 81.352 is amended as follows:

■ a. By revising the table heading for "American Samoa—Ozone (8-Hour Standard)" to read "American Samoa—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "American Samoa—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "American Samoa—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.352 American Samoa.

* * * * *

AMERICAN SAMOA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Territory Wide and Any Areas of Indian Country: American Samoa	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 54. Section 81.353 is amended as follows:

■ a. By revising the table heading for "Guam—Ozone (8-Hour Standard)" to read "Guam—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Guam—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Guam—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.353 Guam.

* * * * *

GUAM—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Territory Wide and Any Areas of Indian Country: Guam	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 55. Section 81.354 is amended as follows:

■ a. By revising the table heading for "Northern Mariana Islands—Ozone (8-Hour Standard)" to read "Northern Mariana Islands—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Northern Mariana Islands—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Northern Mariana Islands—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.354 Northern Mariana Islands.

* * * * *

NORTHERN MARIANA ISLANDS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Northern Mariana Islands and Any Areas of Indian Country.	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.

■ 56. Section 81.355 is amended as follows:

■ a. By revising the table heading for "Puerto Rico—Ozone (8-Hour Standard)" to read "Puerto Rico—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Puerto Rico—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Puerto Rico—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.355 Puerto Rico.

* * * * *

PUERTO RICO—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area [1]	Designation		Classification	
	Date [2]	Type	Date [2]	Type
All of Puerto Rico AQCR 244	.....	Unclassifiable/Attainment.		

[1] Includes any Indian country in each county or area, unless otherwise specified.
[2] This date is July 20, 2012, unless otherwise noted.

■ 57. Section 81.356 is amended as follows:

■ a. By revising the table heading for "Virgin Islands—Ozone (8-Hour Standard)" to read "Virgin Islands—1997 8-Hour Ozone NAAQS (Primary and Secondary)"

■ b. By adding a new table entitled "Virgin Islands—2008 8-Hour Ozone NAAQS (Primary and Secondary)" following the newly designated table "Virgin Islands—1997 8-Hour Ozone NAAQS (Primary and Secondary)" to read as follows:

§ 81.356 Virgin Islands.

* * * * *

VIRGIN ISLANDS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
All of Virgin Islands AQCR 247: [2]	.....	Unclassifiable/Attainment.		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Includes any Indian country in each county or area, unless otherwise specified.

[FR Doc. 2012–11618 Filed 5–18–12; 8:45 am]
BILLING CODE 6560–50–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 50 and 51

[EPA–HQ–OAR–2010–0885, FRL–9667–9]

RIN 2060–AR32

Implementation of the 2008 National Ambient Air Quality Standards for Ozone: Nonattainment Area Classifications Approach, Attainment Deadlines and Revocation of the 1997 Ozone Standards for Transportation Conformity Purposes

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: In this final rule, the EPA is establishing the air quality thresholds that define the classifications assigned to all nonattainment areas for the 2008 ozone national ambient air quality standards (NAAQS) (the "2008 ozone NAAQS") which were promulgated on March 12, 2008. The EPA is also granting reclassification for selected nonattainment areas that voluntarily reclassified under the 1997 ozone NAAQS. This rule also establishes December 31 of each relevant calendar year as the attainment date for all nonattainment area classification categories. Finally, this rule provides for the revocation of the 1997 ozone NAAQS for transportation conformity purposes to occur 1 year after the effective date of designations for the 2008 ozone NAAQS.

DATES: This rule is effective on July 20, 2012.

ADDRESSES: The EPA has established a docket for this action under Docket ID No. EPA–HQ–OAR–2010–0885. All documents in the docket are listed on the *http://www.regulations.gov* Web site. Although listed in the index, some information is not publicly available, e.g., confidential business information (CBI) or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, will be publicly available only in hard copy form. Publicly available docket materials are available either electronically through *http://www.regulations.gov* or in hard copy at the Air and Radiation Docket and Information Center, EPA/DC, EPA West Building, Room 3334, 1301 Constitution Ave. NW., Washington, DC. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566–1744, and the telephone number for the Air Docket is (202) 566–1742.

FOR FURTHER INFORMATION CONTACT: For further general information on this rulemaking, contact Dr. Karl Pepple, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency (C539–01), Research Triangle Park, NC 27711, phone number (919) 541–2683, or by email at *pepple.karl@epa.gov;* or Mr. Butch Stackhouse, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency (C539–01), Research Triangle Park, NC 27711, phone number (919) 541–5208, or by email at *stackhouse.butch@epa.gov.*

SUPPLEMENTARY INFORMATION:

I. General Information

A. Does this action apply to me?

Entities potentially affected directly by this final rule include state, local, and tribal governments. Entities potentially affected indirectly by the final rule include owners and operators of sources of emissions [volatile organic compounds (VOCs) and nitrogen oxides (NO_X)] that contribute to ground-level ozone concentrations.

B. Where can I get a copy of this document and other related information?

In addition to being available in the docket, an electronic copy of this notice will be posted at *http://www.epa.gov/air/ozonepollution/actions.html#impl* under "recent actions."

C. How is this notice organized?

The information presented in this notice is organized as follows:

APPENDIX A-2
77 FR 34221
June 11, 2012

for judicial review may be filed, and shall not postpone the effectiveness of such rule or action. This action may not be challenged later in proceedings to enforce its requirements. (See section 307(b)(2).)

List of Subjects in 40 CFR Part 52

Environmental protection, Air pollution control, Incorporation by reference, Intergovernmental relations, Nitrogen dioxide, Particulate matter, Reporting and recordkeeping requirements, Sulfur oxides.

Dated: May 29, 2012.

Susan Hedman,

Regional Administrator, Region 5.

40 CFR part 52 is amended as follows:

PART 52—[AMENDED]

■ 1. The authority citation for part 52 continues to read as follows:

Authority: 42 U.S.C. 7401 *et seq.*

Subpart P—Indiana

■ 2. Section 52.770 is amended by adding a new entry at the end of the table in paragraph (c) for "Article 26. Regional Haze" and by adding a new entry in alphabetical order in the table in paragraph (e) for "Regional Haze Plan" to read as follows:

§ 52.770 Identification of plan.

* * * * *

(c) * * *

EPA-APPROVED INDIANA REGULATIONS

Indiana citation	Subject	Indiana effective date	EPA approval date	Notes
*	*	*	*	*
Article 26. Regional Haze				
Rule 2. Best Available Retrofit Technology Emission Limitations				
26–2–1	Applicability	3/09/2011	6/11/2012, [Insert page number where the document begins].	
26–2–2	Alcoa emission limitations and compliance methods.	3/09/2011	6/11/2012, [Insert page number where the document begins].	

* * * * *

(e) * * *

EPA-APPROVED INDIANA NONREGULATORY AND QUASI-REGULATORY PROVISIONS

Title	Indiana date	EPA approval	Explanation
*	*	*	*
Regional Haze Plan	01/14/2011 and 03/10/2011	6/11/2012, [Insert page number where the document begins].	
*	*	*	*

[FR Doc. 2012–13955 Filed 6–8–12; 8:45 am]

BILLING CODE 6560–50–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 81

[EPA–HQ–OAR–2008–0476; FRL 9682–2]

RIN 2060–AR56

Air Quality Designations for the 2008 Ozone National Ambient Air Quality Standards for Several Counties in Illinois, Indiana, and Wisconsin; Corrections to Inadvertent Errors in Prior Designations

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: This rule completes the initial air quality designations for the 2008 primary and secondary national ambient air quality standards (NAAQS) for ozone. On April 30, 2012, the EPA promulgated the initial ozone air quality designations for all areas in the United States except for 12 counties in Illinois, Indiana and Wisconsin, which the EPA was still evaluating. This action designates those counties. The EPA is designating all or parts of 11 counties as the Chicago-Naperville, IL-IN-WI nonattainment area. The EPA is designating the remaining county and parts of counties as unclassifiable/attainment. The Chicago-Naperville, IL-IN-WI nonattainment area is being classified by operation of law as a Marginal area according to the severity of its air quality problem. This rule also corrects inadvertent errors in the regulatory text regarding the designation of three areas in the ozone designation rule signed on April 30, 2012.

DATES: The effective date of this rule is July 20, 2012.

ADDRESSES: The EPA has established a docket for this action under Docket ID No. EPA–HQ–OAR–2008–0476. All documents in the docket are listed in the index at *http://www.regulations.gov.* Although listed in the index, some information is not publicly available, i.e., Confidential Business Information or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, is not placed on the Internet and will be publicly available only in hard copy form. Publicly available docket materials are available either electronically in the docket or in hard copy at the Docket, EPA/DC, EPA West,

Room 3334, 1301 Constitution Ave. NW., Washington, DC. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566–1744, and the telephone number for the Office of Air and Radiation Docket and Information Center is (202) 566–1742.

In addition, the EPA has established a Web site for this rulemaking at: *http://www.epa.gov/ozonedesignations.* The Web site includes the EPA's final state and tribal designations, as well as state initial recommendation letters, the EPA modification letters, technical support documents, responses to comments and other related technical information.

FOR FURTHER INFORMATION CONTACT: Carla Oldham, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Mail Code C539–04, Research Triangle Park, NC 27711, phone number (919) 541–3347 or by email at: *oldham.carla@epa.gov.*

Regional Office contact: Edward Doty, phone number (312) 886–6057 or by email at: *doty.edward@epa.gov.*

SUPPLEMENTARY INFORMATION: The public may inspect the rule and state-specific technical support information at the following location:

Regional office	Affected states
John Mooney, Chief, Air Programs Branch, EPA Region 5, 77 West Jackson Street, Chicago, IL 60604, (312) 886–6043.	Illinois, Indiana, and Wisconsin.

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I. Preamble Glossary of Terms and Acronyms

The following are abbreviations of terms used in the preamble.

APA Administrative Procedure Act
CAA Clean Air Act
CFR Code of Federal Regulations
D.C. District of Columbia
EPA Environmental Protection Agency
FR **Federal Register**
NAAQS National Ambient Air Quality Standards
NO_X Nitrogen Oxides
NTTAA National Technology Transfer and Advancement Act
PPM Parts per million
RFA Regulatory Flexibility Act
UMRA Unfunded Mandate Reform Act of 1995
TAR Tribal Authority Rule
U.S. United States
U.S.C. United States Code
VCS Voluntary Consensus Standards
VOC Volatile Organic Compounds

II. What is the purpose of this action?

The purpose of this action is to promulgate initial air quality designations for 12 counties in Illinois, Indiana and Wisconsin for the 2008 primary and secondary NAAQS for ozone, in accordance with the requirements of Clean Air Act (CAA) section 107(d). Whenever the EPA establishes a new or revised NAAQS, section 107(d) requires the EPA to designate all areas of the country as to whether the areas are meeting or not meeting the new or revised NAAQS. In an action signed on April 30, 2012, the EPA designated all other areas of the country for the 2008 ozone NAAQS (77 FR 30088; May 21, 2012). At that time, the EPA did not designate 12 counties in Illinois, Indiana and Wisconsin because the EPA was still evaluating them for inclusion in the Chicago-Naperville, IL-IN-WI nonattainment area. The EPA has now completed that evaluation. The EPA is designating eight of the counties and parts of three of the counties as the Chicago-Naperville, IL-IN-WI nonattainment area. The EPA is designating the remaining county and parts of counties as unclassifiable/attainment. The Chicago-Naperville, IL-IN-WI nonattainment area is also being classified by operation of law as a Marginal area according to the severity of its air quality problem. The designation for each of these 12 counties is provided in the tables at the end of this notice (amendments to 40 CFR 81.314, 315, and 350). For areas designated as nonattainment, the tables include the area's classification.

State areas designated as nonattainment are subject to planning and emission reduction requirements as specified in the CAA. Requirements vary according to an area's classification. The EPA will be proposing shortly an implementation rule to assist states in the development of state implementation plans for attaining the ozone standards.

This rule also corrects inadvertent errors in the regulatory text regarding the designation of three areas in the ozone designation rule signed on April 30, 2012. The affected areas are the Kentucky portion of the Cincinnati, OH-KY-IN nonattainment area, the partial Kenton County, KY unclassifiable/attainment area, and Crittenden County, AR.

III. What is ozone and how is it formed?

Ground-level ozone, O_3, is a gas that is formed by the reaction of volatile organic compounds (VOCs) and oxides of nitrogen (NO_X) in the atmosphere in the presence of sunlight. These precursor emissions are emitted by many types of pollution sources, including power plants and industrial emissions sources, on-road and off-road motor vehicles and engines, and smaller sources, collectively referred to as area sources. Ozone is predominately a summertime air pollutant. However, high ozone concentrations have also been observed in cold months, where a few high elevation areas in the Western U.S. have experienced high levels of local VOC and NO_X emissions that have formed ozone when snow is on the ground and temperatures are near or below freezing. Ozone and ozone precursors can be transported to an area from sources in nearby areas or from

sources located hundreds of miles away. For purposes of determining ozone nonattainment area boundaries, the CAA requires the EPA to include areas that contribute to nearby violations of the NAAQS.

IV. What are the 2008 ozone NAAQS and the health and welfare concerns they address?

On March 12, 2008, the EPA revised both the primary and secondary NAAQS for ozone to a level of 0.075 parts per million (ppm) (annual fourth-highest daily maximum 8-hour average concentration, averaged over 3 years) to provide increased protection of public health and the environment.[1] The 2008 ozone NAAQS retain the same general form and averaging time as the 0.08 ppm NAAQS set in 1997, but are set at a more protective level.

Ozone exposure has been associated with increased susceptibility to respiratory infections, medication use by asthmatics, doctor visits, and emergency department visits and hospital admissions for individuals with respiratory disease. Ozone exposure may also contribute to premature death, especially in people with heart and lung disease. The secondary ozone standard was revised to protect against adverse welfare effects including impacts to sensitive vegetation and forested ecosystems.

V. What are the CAA requirements for air quality designations?

When the EPA promulgates a new or revised NAAQS, the EPA is required to designate areas as nonattainment, attainment, or unclassifiable, pursuant to section 107(d)(1) of the CAA. The CAA requires the EPA to complete the initial area designation process within 2 years of promulgating the NAAQS. However, if the Administrator has insufficient information to make these designations within that time frame, the EPA has the authority to extend the deadline for designation decisions by up to 1 additional year.

By not later than 1 year after the promulgation of a new or revised NAAQS, each state governor is required to recommend air quality designations, including the appropriate boundaries for areas, to the EPA. The EPA reviews those state recommendations and is authorized to make any modifications the Administrator deems necessary. The statute does not define the term "necessary," but the EPA interprets this to authorize the Administrator to modify designations that did not meet the statutory requirements or were otherwise inconsistent with the facts or analysis deemed appropriate by the EPA. If the EPA intends to make any modifications to a state's initial recommendation, the EPA is required to notify the state of any such intended modifications to its recommendation not less than 120 days prior to the EPA's promulgation of the final designation. These notifications are commonly known as the "120-day letters." If the state does not agree with the EPA's intended modification, it then has an opportunity to respond to the EPA to demonstrate why it believes the modification proposed by the EPA is inappropriate. Even if a state fails to provide any recommendation for an area, in whole or in part, the EPA still must promulgate a designation that the Administrator deems appropriate.

Section 107(d)(1)(A)(i) of the CAA defines a nonattainment area as, "any area that does not meet (or that contributes to ambient air quality in a nearby area that does not meet) the national primary or secondary ambient air quality standard for the pollutant." If an area meets either prong of this definition, then the EPA is obligated to designate the area as "nonattainment." Section 107(d)(1)(A)(iii) provides that any area that the EPA cannot designate on the basis of available information as meeting or not meeting the standards should be designated as "unclassifiable." Historically for ozone, the EPA designates the remaining areas that do not meet the definition of a nonattainment area or an unclassifiable area as "unclassifiable/attainment" indicating that the areas either have attaining air quality monitoring data or that air quality information is not available because the areas are not monitored, and the EPA has not determined that the areas contribute to a violation in a nearby area.

The EPA believes that section 107(d) provides the agency with discretion to determine how best to interpret the terms "contributes to" and "nearby" in the definition of a nonattainment area for a new or revised NAAQS, given considerations such as the nature of a specific pollutant, the types of sources that may contribute to violations, the form of the standards for the pollutant, and other relevant information. In particular, the EPA believes that the statute does not require the agency to establish bright line tests or thresholds for what constitutes "contribution" or "nearby" for purposes of designations.[2] Similarly, the EPA believes that the statute permits the EPA to determine the most appropriate application of the term "area" for a particular NAAQS.

Section 301(d) of the CAA authorizes the EPA to approve eligible Indian tribes to implement provisions of the CAA on Indian reservations and other areas within the tribes' jurisdiction. The Tribal Authority Rule (TAR) (40 CFR Part 49), which implements section 301(d) of the CAA, sets forth the criteria and process for tribes to apply to the EPA for eligibility to administer CAA programs. The designations process contained in section 107(d) of the CAA is included among those provisions determined to be appropriate by the EPA for treatment of tribes in the same manner as states. Under the TAR, tribes generally are not subject to the same submission schedules imposed by the CAA on states. As authorized by the TAR, tribes may seek eligibility to submit designation recommendations to the EPA.

VI. What is the chronology for the initial air quality designation rules and what guidance did the EPA provide?

As discussed above, in 2008 the EPA revised both the primary and secondary NAAQS for ozone. On December 4, 2008, the EPA issued guidance for states and tribal agencies to use in developing area designation recommendations for the 2008 ozone NAAQS. (*See* memorandum from Robert J. Meyers, Principal Deputy Assistant Administrator, to Regional Administrators, Regions I–X, titled, "Area Designations for the 2008 Revised Ozone National Ambient Air Quality Standards.") The guidance provided the anticipated timeline for designations and identified important factors that the EPA recommended states and tribes consider in making their recommendations. These factors include air quality data, emissions data, traffic and commuting patterns, growth rates and patterns, meteorology, geography/topography, and jurisdictional boundaries. In the guidance, the EPA asked that states and tribes submit their designation recommendations, including appropriate area boundaries, to the EPA by March 12, 2009. Later in the process, the EPA issued two new guidance memoranda related to designating areas of Indian county.[3]

[1] *See* 73 FR 16436; March 27, 2008. For a detailed explanation of the calculation of the 3-year 8-hour average, *see* 40 CFR part 50, Appendix I.

[2] This view was confirmed in *Catawba County* v. *EPA*, 571 F.3d 20 (D.C. Cir. 2009).

[3] *See* December 20, 2011, memorandum from Stephen D. Page, Director, Office of Air Quality Planning and Standards, to Regional Air Directors, Regions I–X, titled, "Policy for Establishing Separate Air Quality Designations for Areas of Indian Country," and December 20, 2011, memorandum from Stephen D. Page, Director,

Continued

(There are no areas of Indian country affected by this action.)

Under the initial schedule, the EPA intended to complete the initial designations for the 2008 ozone NAAQS on a 2-year schedule, by March 12, 2010. On September 16, 2009, the EPA announced that it would initiate a rulemaking to reconsider the 2008 ozone NAAQS for various reasons, including the fact that the 0.075 ppm level fell outside of the range recommended by the Clean Air Scientific Advisory Committee, the independent group of scientists that provides advice to the EPA Administrator on the technical bases for the EPA's NAAQS. The EPA signed the proposed reconsideration on January 6, 2010 (75 FR 2938; January 19, 2010). Because of the significant uncertainty the ozone NAAQS reconsideration created regarding the continued applicability of the 2008 NAAQS, the EPA determined there was insufficient information to designate areas within 2 years of promulgation of the NAAQS. Therefore, the EPA used its authority under CAA section 107(d)(1)(B) to extend the deadline for designating areas by 1 year, until March 12, 2011 (75 FR 2936; January 19, 2010). The EPA has not taken final action on the proposed reconsideration; thus, the current NAAQS for ozone remains at 0.075 ppm, as established in 2008.

After the March 12, 2011, designation deadline passed, WildEarth Guardians and Elizabeth Crowe (WildEarth Guardians) filed a lawsuit seeking to compel the EPA to take action to designate areas for the 2008 ozone NAAQS. *WildEarth Guardians and Elizabeth Crowe* v. *Jackson* (D. Ariz. 11–CV–01661). The EPA and WildEarth Guardians settled the case by entering into a consent decree that requires the EPA Administrator to sign a final rule designating areas for the 2008 ozone NAAQS by May 31, 2012.

On September 22, 2011, the EPA issued a memorandum to clarify for state and local agencies the status of the 2008 ozone NAAQS and to outline plans for moving forward to implement them. The EPA indicated that it would proceed with initial area designations for the 2008 NAAQS, and planned to use the recommendations states made in 2009 as updated by the most current, certified air quality data from 2008–2010. While the EPA did not request that states submit updated designation recommendations, the EPA provided the opportunity for states to do so. Several states chose to update their recommendations, and some requested that the EPA base designations for their areas on certified air quality data from 2009–2011, and committed to certify the 2011 data earlier than the May 1 deadline for annual air monitoring certification under 40 CFR 58.15(a)(2) so that the EPA would have sufficient time to consider the data in making decisions on designations and nonattainment area boundaries. The states of Illinois, Indiana, and Wisconsin did not submit updated designation recommendations.

On or about December 9, 2011, the EPA sent letters to Governors and Tribal leaders notifying them of the EPA's preliminary response to their designation recommendations and to inform them of the EPA's approach for completing the designations for the 2008 ozone NAAQS. The EPA requested that states submit any additional information that they wanted the EPA to consider by February 29, 2011, including any certified 2011 air quality monitoring data. Two days prior to those letters, on December 7, 2011, Illinois sent a letter to the EPA submitting the state's 2011 certified air quality monitoring data for consideration in the designation process. The data, when considered with data from the two previous years (2009 and 2010), indicated a violation of the 2008 ozone NAAQS at a monitor in Lake County, Illinois (which is in the Chicago-Naperville-Michigan City, IL-IN-WI consolidated statistical area). Given the timing of Illinois' submission of the certified data, the EPA was not able to consider the information in the December 9, 2011, letters. After reviewing the 2011 air quality data and assessing contributions to nonattainment from nearby areas, the EPA sent letters on January 31, 2012, notifying Illinois, Indiana, and Wisconsin that it intended to designate certain counties (or parts thereof), identified in those letters, as nonattainment for the 2008 ozone NAAQS. On April 30, 2012, the EPA Administrator signed a final rule designating almost all areas in the United States, including Indian country. At that time, the EPA did not designate the Illinois, Indiana, and Wisconsin counties identified in the January 31, 2011, notification letters because the necessary 120-day period had not yet elapsed following the January letters notifying the states that the EPA intended to modify the states' recommendations.

Although not required by section 107(d) of the CAA, the EPA also provided an opportunity for members of the public to comment on the EPA's 120-day response letters to states and tribes. For the notification letters sent on or about December 9, 2011, the EPA announced a 30-day public comment period in the **Federal Register** on December 20, 2011 (76 FR 78872). The comment period was subsequently extended until February 3, 2012 (77 FR 2677; January 19, 2012). On February 14, 2012 (77 FR 8211), the EPA reopened the public comment period for the limited purpose of inviting comment on the EPA's revised responses to Illinois, Indiana, and Wisconsin. State and tribal recommendations and the EPA's 120-day response letters were posted on EPA's Web site at *http://www.epa.gov/ozonedesignations* and are available in the docket for the designations action. Comments from the states, tribes and the public, and EPA's responses to significant comments, are also in the docket.

VII. What air quality data has the EPA used to designate these areas for the 2008 ozone NAAQS?

The EPA based the designations in this action on the most recent 3 years of certified air quality monitoring data available at the end of January 2012 when the EPA notified Illinois, Indiana, and Wisconsin of its revised responses to their designation recommendations. Thus, the EPA considered ozone monitoring data for the 2009–2011 period for Illinois and for the 2008–2010 period for Indiana and Wisconsin.

Under 40 CFR 58.16, states are required to report all monitored ozone air quality data and associated quality assurance data within 90 days after the end of each quarterly reporting period, and under 40 CFR 58.15(a)(2) states are required to submit annual summary reports and a data certification letter to the EPA by May 1 for ozone air quality data collected in the previous calendar year. States generally had not completed these requirements for calendar year 2011 ozone air quality data when the EPA notified states of our intended designations on December 9, 2011. For purposes of the designations promulgated on April 30, 2012, several states recommended that the EPA consider monitoring data from 2009–2011 in making final decisions and certified their 2011 data early for this purpose. In the letters to these states, the EPA indicated it would need the certified data by February 29, 2012, in order to have sufficient time to consider it in making final decisions. On December 7, 2011, Illinois sent a letter to the EPA submitting the state's 2011 certified air quality data for consideration in the designations.

Office of Air Quality Planning and Standards, to Regional Air Directors, Regions I–X, titled, "Guidance to Regions for Working with Tribes during the National Ambient Air Quality Standards (NAAQS) Designations Process."

Although there was not sufficient time for the EPA to consider the 2011 data from Illinois in the December 9, 2011, letters, the EPA subsequently considered the data and sent letters to Illinois, Indiana, and Wisconsin on January 31, 2012, revising the intended designation for 12 counties in the Chicago-Naperville, IL-IN-WI area. Indiana and Wisconsin did not request that the EPA consider their 2011 monitoring data or early certify such data.

VIII. What are the ozone air quality classifications?

In accordance with CAA section 181(a)(1), each area designated as nonattainment for the 2008 ozone NAAQS is classified by operation of law at the same time as the area is designated by the EPA. Under Subpart 2 of part D of Title I of the CAA, state planning and emissions control requirements for ozone are determined, in part, by a nonattainment area's classification. The ozone nonattainment areas are classified based on the severity of their ozone levels (as determined based on the area's "design value," which represents air quality in the area for the most recent 3 years).[4] The possible classifications are Marginal, Moderate, Serious, Severe, and Extreme. Nonattainment areas with a "lower" classification have ozone levels that are closer to the standard than areas with a "higher" classification. Areas in the lower classification levels have fewer and/or less stringent mandatory air quality planning and control requirements than those in higher classifications. The EPA established the air quality thresholds that define the classification categories in a rule titled, "Implementation of the 2008 National Ambient Air Quality Standards for Ozone: Nonattainment Area Classifications Approach, Attainment Deadlines and Revocation of the 1997 Ozone Standards for Transportation Conformity Purposes" (77 FR 30160; May 21, 2012). Based on those thresholds, the Chicago-Naperville, IL-IN-WI area is classified as a Marginal area.

IX. Can states request that areas within 5 percent of the upper or lower limit of a classification threshold be reclassified?

As discussed in the April 30, 2012, final rule, states may request that an area be reclassified to a higher or lower classification pursuant to section 181(a)(4), within 90 days of promulgation of the designation, if the area would have been classified in another category if the design value in the area were 5 percent greater or 5 percent less than the level on which such classification was based. The Chicago-Naperville, IL-IN-WI nonattainment area is being designated as a Marginal area, which is the lowest classification category. Therefore, the only possible reclassification would be to a higher classification. Marginal areas with an air quality design value of 0.082 ppm or more are eligible to request reclassification to a higher classification under section 181(a)(4). Because the 2009–2011 design value for the Chicago-Naperville, IL-IN-WI nonattainment area is 0.076 ppm, the nonattainment area is not eligible to be reclassified under that provision. However, the EPA notes that under section 181(b)(3), the EPA must grant any state request to reclassify an area into a higher classification.

X. Where can I find information forming the basis for this rule and exchanges between the EPA, states and tribes related to this rule?

Information providing the basis for this action is provided in the docket for this rulemaking, Docket ID NO. EPA–HQ–OAR–2008–0476. The applicable EPA guidance memoranda and copies of correspondence regarding this process between the EPA and the states, tribes and other parties are available for review at the EPA Docket Center listed above in the addresses section of this document, and on the EPA's ozone designation Web site at *http://www.epa.gov/ozonedesignations.* State-specific information is available from the EPA Regional Office.

XI. What are the corrections to inadvertent errors in the designations for three areas in the April 30, 2012 designations rule?

This rule also corrects inadvertent errors in the regulatory text for two areas in Kentucky and one area in Arkansas in the ozone designation rule signed on April 30, 2012 (77 FR 30088; May 21, 2012). The affected areas are the Cincinnati, OH-KY-IN nonattainment area (specifically related to Boone and Campbell counties), the partial Kenton County, KY unclassifiable/attainment area, and Crittenden County, AR. These corrections are set forth in the regulatory text at the end of this notice.

The Technical Support Document for the Cincinnati, OH-KY-IN nonattainment area, which is part of the record for the April 30, 2012, designations rule, states, "All of the census tracts in Boone, Campbell, and Kenton Counties are included in the nonattainment area for the 2008 8-hour ozone NAAQS, excluding census tracts 706.01 and 706.04 in Boone County, 637.01 and 637.02 in Kenton County, and 520.01 and 520.02 in Campbell County." In the regulatory text for the Cincinnati, OH-KY-IN nonattainment area, 2000 Census tracts 706.01 and 706.04 in Boone County, KY and 2000 Census tracts 520.01 and 520.02 in Campbell County, KY were inadvertently listed as being part of the nonattainment area. These 2000 Census tracts were also correctly listed in the regulatory text as designated unclassifiable/attainment. The EPA is removing the erroneous duplicative listings under the Cincinnati, OH-KY-IN nonattainment area. For the partial Kenton County unclassifiable/attainment area, this action corrects a typographical error that incorrectly numbered one of the component 2000 Census tracts as 637.04 rather than 637.02.

The Technical Support Document for the Memphis, TN-MS-AR nonattainment area, which is part of the record for the April 30, 2012, designations rule, states, "Based on the assessment of the factors described above, the EPA is designating the following counties as nonattainment for the Memphis, TN-MS-AR area because they are either violating the 2008 ozone NAAQS or contributing to a violation in a nearby area: Crittenden County, Arkansas, and Shelby County, Tennessee in their entireties and the portion of DeSoto County that is included in the Memphis MPO boundary." In the regulatory text for the April 30, 2012, designations rule, Crittenden County, AR was correctly listed as part of the Memphis, TN-MS-AR nonattainment area. However, the county was also inadvertently listed as an unclassifiable/attainment area. The EPA is correcting that error by removing the duplicative entry for Crittenden County, AR as an unclassifiable/attainment area.

XII. Statutory and Executive Order Reviews

Upon promulgation of a new or revised NAAQS, the CAA requires the EPA to designate areas as attaining or not attaining the NAAQS. The CAA then specifies requirements for areas based on whether such areas are attaining or not attaining the NAAQS. In this final rule, the EPA assigns designations to areas as required.

[4] The air quality design value for the 8-hour ozone NAAQS is the 3-year average of the annual 4th highest daily maximum 8-hour average ozone concentration. *See* 40 CFR part 50, Appendix I.

A. Executive Order 12866: Regulatory Planning and Review and Executive Order 13563: Improving Regulation and Regulatory Review

This action responds to the CAA requirement to promulgate air quality designations after promulgation of a new or revised NAAQS. This type of action is exempt from review under Executive Orders 12866 (58 FR 51735, October 4, 1993) and 13563 (76 FR 3821, January 21, 2011).

B. Paperwork Reduction Act

This action does not impose an information collection burden under the provisions of the *Paperwork Reduction Act,* 44 U.S.C. 3501 *et seq.* Burden is defined at 5 CFR 1320.3(b). This rule responds to the CAA requirement to promulgate air quality designations after promulgation of a new or revised NAAQS. This requirement is prescribed in the CAA section 107. The present final rule does not establish any new information collection requirements.

C. Regulatory Flexibility Act

This final rule is not subject to the Regulatory Flexibility Act (RFA), which generally requires an agency to prepare a regulatory flexibility analysis for any rule that will have a significant economic impact on a substantial number of small entities. The RFA applies only to rules subject to notice-and-comment rulemaking requirements under the Administrative Procedure Act (APA) or any other statute. This rule is not subject to notice-and-comment requirements as provided under CAA section 107(d)(2)(B).

D. Unfunded Mandates Reform Act

This action contains no federal mandate under the provisions of Title II of the Unfunded Mandates Reform Act of 1995 (UMRA), 2 U.S.C. 1531–1538 for state, local, or tribal governments or the private sector. The action imposes no enforceable duty on any state, local or tribal governments or the private sector. Therefore, this action is not subject to the requirements of sections 202 and 205 of the UMRA.

This action is also not subject to the requirements of section 203 of UMRA because it contains no regulatory requirements that might significantly or uniquely affect small governments. It does not create any additional requirements beyond those of the CAA and ozone NAAQS (40 CFR 50.15). The CAA establishes the process whereby states take primary responsibility in developing plans to meet the ozone NAAQS.

E. Executive Order 13132: Federalism

This final rule does not have federalism implications. It will not have substantial direct effects on the states, on the relationship between the national government and the states, or on the distribution of power and responsibilities among the various levels of government, as specified in Executive Order 13132. The CAA establishes the process whereby states take primary responsibility in developing plans to meet the ozone NAAQS. This rule will not modify the relationship of the states and the EPA for purposes of developing programs to implement the ozone NAAQS. Thus, Executive Order 13132 does not apply to this rule.

F. Executive Order 13175: Consultation and Coordination With Indian Tribal Governments

Subject to the Executive Order 13175 (65 FR 67249, November 9, 2000) the EPA may not issue a regulation that has tribal implications, that imposes substantial direct compliance costs, and that is not required by statute, unless the federal government provides the funds necessary to pay the direct compliance costs incurred by tribal governments, or the EPA consults with tribal officials early in the process of developing the proposed regulation and develops a tribal summary impact statement.

The EPA has concluded that this action does not have tribal implications. The EPA is not designating any areas of Indian country in this final rule.

G. Executive Order 13045: Protection of Children From Environmental Health and Safety Risks

The EPA interprets Executive Order 13045 (62 FR 19885, April 23, 1997) as applying only to those regulatory actions that concern health or safety risks, such that the analysis required under section 5–501 of the Executive Order has the potential to influence the regulation. This action is not subject to Executive Order 13045 because it does not establish an environmental standard intended to mitigate health or safety risks.

H. Executive Order 13211: Actions That Significantly Affect Energy Supply, Distribution, or Use

This action is not subject to Executive Order 13211 (66 FR 28355 (May 22, 2001)), because it is not a significant regulatory action under Executive Order 12866.

I. National Technology Transfer and Advancement Act (NTTAA)

Section 12(d) of the NTTAA of 1995, Public Law 104–113, section 12(d) (15 U.S.C. 272 note) directs the EPA to use voluntary consensus standards (VCS) in its regulatory activities unless to do so would be inconsistent with applicable law or otherwise impractical. Voluntary consensus standards are technical standards (e.g., materials specifications, test methods, sampling procedures, and business practices) that are developed or adopted by VCS bodies. The NTTAA directs the EPA to provide Congress, through the Office of Management and Budget, explanations when the Agency decides not to use available and applicable VCS.

This action does not involve technical standards. Therefore, the EPA did not consider the use of any VCS.

J. Executive Order 12898: Federal Actions To Address Environmental Justice in Minority Populations and Low-Income Populations.

Executive Order 12898 (59 FR 7629 (Feb. 16, 1994)) establishes federal executive policy on environmental justice. Its main provision directs federal agencies, to the greatest extent practicable and permitted by law, to make environmental justice part of their mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of their programs, policies, and activities on minority populations and low-income populations in the U.S.

The CAA requires that the EPA designate as nonattainment "any area that does not meet (or that contributes to ambient air quality in a nearby area that does not meet) the national primary or secondary ambient air quality standard for the pollutant." By designating as nonattainment all areas where available information indicates a violation of the ozone NAAQS or a contribution to a nearby violation, this action protects all those residing, working, attending school, or otherwise present in those areas regardless of minority or economic status.

The EPA has determined that this final rule will not have disproportionately high and adverse human health or environmental effects on minority or low-income populations because it increases the level of environmental protection for all affected populations without having any disproportionately high and adverse human health or environmental effects on any population, including any minority or low-income population.

K. Congressional Review Act

The Congressional Review Act, 5 U.S.C. 801 *et seq.*, as added by the Small Business Regulatory Enforcement Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the U.S. The EPA will submit a report containing this rule and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the U.S. prior to publication of the rule in the **Federal Register**. A major rule cannot take effect until 60 days after it is published in the **Federal Register**.This action is not a "major rule" as defined by 5 U.S.C. 804(2). This rule will be effective July 20, 2012.

L. Judicial Review

Section 307(b)(1) of the CAA indicates which Federal Courts of Appeal have venue for petitions of review of final actions by the EPA. This section provides, in part, that petitions for review must be filed in the Court of Appeals for the District of Columbia Circuit: (i) when the agency action consists of "nationally applicable regulations promulgated, or final actions taken, by the Administrator," or (ii) when such action is locally or regionally applicable, if "such action is based on a determination of nationwide scope or effect and if in taking such action the Administrator finds and publishes that such action is based on such a determination."

This rule designating the final few areas for the 2008 ozone NAAQS is "nationally applicable" within the meaning of section 307(b)(1). This rule, along with a rule signed on April 30, 2012, establishes designations for areas across the U.S. for the 2008 ozone NAAQS. At the core of this rulemaking is the EPA's interpretation of the definition of nonattainment under section 107(d)(1) of the CAA, and its application of that interpretation to areas across the country.

Thus, any petitions for review of final designations must be filed in the Court of Appeals for the District of Columbia Circuit within 60 days from the date final action is published in the **Federal Register**.

List of Subjects in 40 CFR Part 81

Environmental protection, Air pollution control, National parks, Wilderness areas.

Dated: May 31, 2012.

Lisa P. Jackson,

Administrator.

For the reasons set forth in the preamble, 40 CFR part 81, is amended as follows:

PART 81—DESIGNATIONS OF AREAS FOR AIR QUALITY PLANNING PURPOSES

■ 1. The authority citation for part 81 continues to read as follows:

Authority: 42 U.S.C. 7401, *et seq.*

Subpart C—Section 107 Attainment Status Designations

§ 81.304 [Amended]

■ 2. In section 81.304, the table entitled "Arkansas—2008 8-Hour Ozone NAAQS (Primary and Secondary)" is amended by removing the entry for Crittenden County before the entry for Cross County.

■ 3. In section 81.314, the table entitled "Illinois—2008 8-Hour Ozone NAAQS (Primary and Secondary)" is amended as follows:

■ a. By adding a new entry for "Chicago-Naperville, IL-IN-WI" before the entry for "St. Louis-St. Charles-Farmington, MO-IL";

■ b. By adding a new entry for "Grundy County (remainder)" before the entry for "Hamilton County"; and

■ c. By adding a new entry for "Kendall County (remainder)" before the entry for "Knox County".

The additions read as follows:

§ 81.314 Illinois.

* * * * *

ILLINOIS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Chicago–Naperville, IL-N-WI: [2]		Nonattainment		Marginal.
Cook County				
DuPage County				
Grundy County (part)				
Aux Sable Township				
Goose Lake Township				
Kane County				
Kendall County (part)				
Oswego Township				
Lake County				
McHenry County				
Will County				
* * *	*	*	*	*
Grundy County (remainder) [3]		Unclassifiable/Attainment.		
* * *	*	*	*	*
Kendall County (remainder)		Unclassifiable/Attainment.		
* * *	*	*	*	*

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

* * * * *

■ 4. In section 81.315, the table entitled "Indiana—2008 8-Hour Ozone NAAQS (Primary and Secondary)" is amended as follows:

■ a. By adding a new entry for "Chicago-Naperville, IL-IN-WI" before the entry for "Cincinnati, OH-K-IN"; and

■ b. By adding a new entry for "Jasper County" before the entry for "Jay County".

The additions read as follows:

§ 81.315 Indiana.

* * * * *

INDIANA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Chicago–Naperville, IL-IN-WI: [2]		Nonattainment		Marginal.
Lake County				
Porter County				
* * *	*	*	*	*
Jasper County [3]		Unclassifiable/Attainment.		
* * *	*	*	*	*

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

* * * * *

§ 81.318 [Amended]

■ 5. In section 81.318, the table entitled "Kentucky—2008 8-Hour Ozone NAAQS (Primary and Secondary)" is amended as follows:

■ a. By removing the 2000 Census tracts "706.01" and "706.04" under the entry for "Boone County (part)" under the entry for "Cincinnati, OH-KY-IN";

■ b. By removing the 2000 Census tracts "520.01" and "520.02" under the entry for "Campbell County (part)" under the entry for "Cincinnati, OH-KY-IN"; and

■ c. By revising 2000 Census tract "637.04" to read as "637.02" under the entry for "Kenton County (part)" under "Rest of State".

■ 6. In section 81.350, the table entitled "Wisconsin—2008 8-Hour Ozone NAAQS (Primary and Secondary)" is amended as follows:

■ a. By adding a new entry for "Chicago-Naperville, IL-IN-WI" before the entry for "Sheboygan County, WI"; and

■ b. By adding a new entry for "Kenosha County (remainder)" before the entry for "Kewaunee County".

The additions read as follows:

§ 81.350 Wisconsin.

* * * * *

WISCONSIN—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date[1]	Type	Date[1]	Type
Chicago-Naperville, IL-IN-WI: [2]		Nonattainment		Marginal.
Kenosha County (part)				
Pleasant Prairie Township				
Somers Township				
* * *	*	*	*	*
Kenosha County (remainder) [3]		Unclassifiable/Attainment.		
* * *	*	*	*	*

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.

* * * * *

[FR Doc. 2012–14097 Filed 6–8–12; 8:45 am]

BILLING CODE 6560–50–P

APPENDIX A-3
78 FR 14681
March 7, 2013

a permit issued for a demonstration or special event.

(2) Persons permitted to solicit must not:

(i) Give false or misleading information regarding their purposes or affiliations;

(ii) Give false or misleading information as to whether any item is available without donation.

* * * * *

Dated: January 25, 2013.

Rachel Jacobson,

Principal Deputy Assistant Secretary for Fish and Wildlife and Parks.

[FR Doc. 2013–05249 Filed 3–6–13; 8:45 am]

BILLING CODE 4312–EJ–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA–R04–OAR–2012–0700; FRL–9788–6]

Approval and Promulgation of Implementation Plans; Kentucky; 110(a)(1) and (2) Infrastructure Requirements for the 2008 8-Hour Ozone National Ambient Air Quality Standards

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: EPA is taking final action to approve in part, conditionally approve in part, and disapprove in part, the July 17, 2012, State Implementation Plan (SIP) submission provided by the Commonwealth of Kentucky, through the Division of Air Quality (DAQ) of the Kentucky Energy and Environment Cabinet. Kentucky DAQ submitted the July 17, 2012, SIP submission as a replacement to its original September 8, 2009, SIP submission. Specifically, this final rulemaking pertains to the Clean Air Act (CAA or Act) requirements for the 2008 8-hour ozone national ambient air quality standards (NAAQS) infrastructure SIP. The CAA requires that each state adopt and submit a SIP for the implementation, maintenance, and enforcement of each NAAQS promulgated by EPA, which is commonly referred to as an "infrastructure" SIP. Kentucky DAQ made a SIP submission demonstrating that the Kentucky SIP contains provisions that ensure the 2008 8-hour ozone NAAQS are implemented, enforced, and maintained in the Commonwealth (hereafter referred to as "infrastructure submission"). EPA is now taking final action on three related actions on Kentucky DAQ's infrastructure SIP submission. First, EPA is taking action to approve Kentucky DAQ's infrastructure submission provided to EPA on July 17, 2012, as meeting certain required infrastructure elements for the 2008 8-hour ozone NAAQS. Second, with respect to the infrastructure elements related to specific prevention of significant deterioration (PSD) requirements, EPA is taking final action to approve, in part and conditionally approve in part, the infrastructure SIP submission based on a December 19, 2012, commitment from Kentucky DAQ to submit specific enforceable measures for approval into the SIP to address specific PSD program deficiencies. Third, EPA is taking final action to disapprove Kentucky DAQ's infrastructure SIP submission with respect to certain interstate transport requirements for the 2008 8-hour ozone NAAQS because the submission does not address the statutory provisions with respect to the relevant NAAQS and thus does not satisfy the criteria for approval. The CAA requires EPA to act on this portion of the SIP submission even though under a recent court decision, Kentucky DAQ was not yet required to submit a SIP submission to address these interstate transport requirements. Moreover, under that same court decision, this disapproval does not trigger an obligation for EPA to promulgate a Federal Implementation Plan (FIP) to address these interstate transport requirements.

DATES: This rule will be effective April 8, 2013.

ADDRESSES: EPA has established a docket for this action under Docket Identification No. EPA–R04–OAR–2012–0700. All documents in the docket are listed on the *www.regulations.gov* Web site. Although listed in the index, some information is not publicly available, i.e., Confidential Business Information or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, is not placed on the Internet and will be publicly available only in hard copy form. Publicly available docket materials are available either electronically through *www.regulations.gov* or in hard copy at the Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street SW., Atlanta, Georgia 30303–8960. EPA requests that if at all possible, you contact the person listed in the **FOR FURTHER INFORMATION CONTACT** section to schedule your inspection. The Regional Office's official hours of business are Monday through Friday, 8:30 a.m. to 4:30 p.m. excluding federal holidays.

FOR FURTHER INFORMATION CONTACT: Nacosta C. Ward, Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street SW., Atlanta, Georgia 30303–8960. The telephone number is (404) 562–9140. Ms. Ward can be reached via electronic mail at *ward.nacosta@epa.gov.*

SUPPLEMENTARY INFORMATION:

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I. Background
II. Response to Comments
III. This Action
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I. Background

Upon promulgation of a new or revised NAAQS, sections 110(a)(1) and (2) of the CAA require states to address basic structural SIP requirements, including emissions inventories, monitoring, and modeling to assure attainment and maintenance for that new NAAQS.

Section 110(a) of the CAA generally requires states to make a SIP submission to meet applicable requirements in order to provide for the implementation, maintenance, and enforcement of a new or revised NAAQS within three years following the promulgation of such NAAQS, or within such shorter period as EPA may prescribe. These SIP submissions are commonly referred to as "infrastructure" SIP submissions. Section 110(a) imposes the obligation upon states to make an infrastructure SIP submission to EPA for a new or revised NAAQS, but the contents of that submission may vary depending upon the facts and circumstances. In particular, the data and analytical tools available at the time the state develops and submits the infrastructure SIP for a new or revised NAAQS affect the content of the submission. The contents of such infrastructure SIP submissions may also vary depending upon what provisions the state's existing SIP already contains. In the case of the 2008 8-hour ozone NAAQS, states typically have met the basic program elements required in section 110(a)(2) through earlier SIP submissions in connection with previous ozone NAAQS.

More specifically, section 110(a)(1) provides the procedural and timing requirements for SIPs. Section 110(a)(2) lists specific elements that states must meet for "infrastructure" SIP requirements related to a newly

established or revised NAAQS. As mentioned above, these requirements include basic structural SIP requirements such as modeling, monitoring, and emissions inventories that are designed to assure attainment and maintenance of the NAAQS. The applicable infrastructure SIP requirements that are the subject of this rulemaking are listed below.[1]

- 110(a)(2)(A): Emission limits and other control measures.
- 110(a)(2)(B): Ambient air quality monitoring/data system.
- 110(a)(2)(C): Program for enforcement of control measures.[2]
- 110(a)(2)(D)(i): Interstate transport.[3]
- 110(a)(2)(E): Adequate resources.
- 110(a)(2)(F): Stationary source monitoring system.
- 110(a)(2)(G): Emergency power.
- 110(a)(2)(H): Future SIP revisions.
- 110(a)(2)(I): Areas designated nonattainment and meet the applicable requirements of part D.[4]
- 110(a)(2)(J): Consultation with government officials; public notification; and PSD and visibility protection.
- 110(a)(2)(K): Air quality modeling/data.
- 110(a)(2)(L): Permitting fees.
- 110(a)(2)(M): Consultation/participation by affected local entities.

[1] Two elements identified in section 110(a)(2) are not governed by the three year submission deadline of section 110(a)(1) because SIPs incorporating necessary local nonattainment area controls are not due within three years after promulgation of a new or revised NAAQS, but rather due at the time the nonattainment area plan requirements are due pursuant to other provisions of the CAA for submission of SIP revisions specifically applicable for attainment planning purposes. These requirements are: (1) Submissions required by section 110(a)(2)(C) to the extent that subsection refers to a permit program as required in part D Title I of the CAA; and (2) submissions required by section 110(a)(2)(I) which pertain to the nonattainment planning requirements of part D, Title I of the CAA. Today's final rulemaking does not address infrastructure elements related to section 110(a)(2)(I) or the nonattainment planning requirements of 110(a)(2)(C).

[2] This rulemaking only addresses requirements for this element as they relate to attainment areas.

[3] Section 110(a)(2)(D)(i) includes four requirements referred to as prongs 1 through 4. Prongs 1 and 2 are provided at section 110(a)(2)(D)(i)(I); prongs 3 and 4 are provided at section 110(a)(2)(D)(i)(II). At this time, pursuant to a recent decision of the U.S. Court of Appeals for the DC Circuit, the SIP submission from Kentucky DAQ to meet section 110(a)(2)(D)(i)(I) is not a required SIP submission. The portions of the SIP submission relating to 110(a)(2)(D)(i)(II) and 110(a)(2)(D)(ii), in contrast, are required. Although prongs 1 and 2 are not required, EPA is acting today to disapprove Kentucky's submittal related to these prongs for the reasons described in the proposed rule associated with this rulemaking. *See* 78 FR 3867. Further information regarding EPA's disapproval of prongs 1 and 2 is also provided below in section II.

[4] This requirement as mentioned above is not relevant to today's final rulemaking.

On January 17, 2013, EPA proposed to approve Kentucky's July 17, 2012, infrastructure SIP submission and proposed to conditionally approve in part sections 110(a)(2)(C), prong 3 of (D)(i), and (J), and disapprove in part section 110(a)(2)(D)(i) for the 2008 8-hour ozone NAAQS. *See* 78 FR 3867.

EPA proposed conditional approval in part for sections 110(a)(2)(C), prong 3 of (D)(i),[5] and (J) because, while the Commonwealth's SIP does not currently contain provisions to address the structural PSD requirements of the PSD and Nonattainment New Source Review (NNSR) requirements related to the implementation of the NSR $PM_{2.5}$ Rule and the $PM_{2.5}$ PSD Increment-SILs-SMC Rule (only as it relates to $PM_{2.5}$ Increments), Kentucky DAQ committed in a letter dated December 19, 2012, to submit, within one year, specific enforceable measures to EPA for incorporation into the SIP to address these requirements. *See* 78 FR 3867. This commitment letter meets the requirements of section 110(k)(4) of the CAA. Kentucky DAQ's December 19, 2012, letter can be accessed at *www.regulations.gov* using Docket ID No. EPA–R04–OAR–2012–0700.

With respect to section 110(a)(2)(D)(i)(I),[6] for the 2008 8-hour ozone NAAQS, EPA published a proposal to disapprove Kentucky DAQ's July 17, 2012, SIP revision. EPA proposed disapproval of these elements because the infrastructure SIP submission asserted that the requirements of 110(a)(2)(D)(i)(I) with respect to the 2008 8-hour ozone NAAQS were satisfied by the Commonwealth's approved regulations to meet the Clean Air Interstate Rule (CAIR) requirements. CAIR, however, was promulgated before the 2008 8-hour ozone NAAQS were promulgated, and CAIR did not, in any way, address interstate transport requirements related to the 2008 8-hour ozone NAAQS. *See* 78 FR 3867.

Finally, EPA notes that this final action on Kentucky's infrastructure SIP submission for the 2008 8-hour ozone NAAQS is required not only by section 110(k), but also by order issued by the U.S. District Court for the Northern District of California in *WildEarth Guardians* v. *Jackson,* Case No. 11–CV–5651 YGR. In an October 17, 2012, order granting partial summary judgment in the case, as modified in a December 7, 2012, order granting in part EPA's motion for an amended order, that court directed EPA to take final action upon the infrastructure SIP at issue in this action by March 4, 2013. With respect to Kentucky, the court specifically ordered EPA to act upon the infrastructure SIP submission made by the Commonwealth on September 8, 2009, as revised on July 17, 2012. As explained in more detail in response to relevant comments, EPA is addressing the requirements of section 110(a)(2)(D)(i)(I) consistent with the opinion of the DC Circuit Court's opinion in *EPA Homer City Generation* v. *EPA,* 696 F.3d 7 (DC Cir. 2012).

[5] Section 110(a)(2)(D)(i) includes four requirements referred to as prongs 1 through 4. Prongs 1 and 2 are provided at section 110(a)(2)(D)(i)(I); prongs 3 and 4 are provided at section 110(a)(2)(D)(i)(II). Today's conditional approval only relates to the structural PSD requirements of section 110(a)(2)(D)(i)(II), also known as prong 3 as noted above in footnote 3.

[6] Section 110(a)(2)(D)(i)(I) includes two distinct requirements referred to as prongs 1 and 2. Prong 1 requires states to prohibit emissions that significantly contribute to nonattainment of the NAAQS in another state and prong 2 request states to prohibit emissions that interfere with maintenance of the NAAQS in another state.

II. Response to Comments

EPA received five sets of comments on the January 17, 2013, proposed rulemaking to approve in part, conditionally approve in part, and disapprove in part, Kentucky DAQ's infrastructure SIP submission intended to meet the CAA requirements for the 2008 8-hour ozone NAAQS. A summary of the comments and EPA's responses are provided below.

Comment 1: One commenter contends that EPA cannot approve the section 110(a)(2)(A) portion of Kentucky DAQ's infrastructure SIP submission because certain counties in the Commonwealth have air quality monitors with data that suggest such areas are not attaining the 2008 8-hour ozone NAAQS. Specifically, the Commenter cites air monitoring reports for Jefferson and Oldham counties indicating violations of the NAAQS based on 2009–2011 design values. The Commenter further contends that, based on available data for 2010–2012, 10 Kentucky counties will violate the 2008 8-hour ozone NAAQS based on 2010–2012 design values. According to the Commenter, if a designated attainment area violates the NAAQS, then this means that the state must necessarily lack adequate emissions limits in its infrastructure SIP submission to attain and maintain that NAAQS.

Response 1: EPA disagrees with the Commenter's contention that Kentucky DAQ's 2008 8-hour ozone infrastructure SIP submission is not approvable with respect to section 110(a)(2)(A) because of the monitor design values noted by the Commenter. While EPA shares the Commenter's concern regarding counties monitoring exceedances of the

2008 8-hour ozone NAAQS based upon 2009–2011 design values, such concerns are outside the scope of what is germane to an evaluation of section 110(a)(2)(A) of an infrastructure SIP.[7]

Pursuant to section 110(a)(2)(A), an infrastructure SIP submission must include enforceable emission limitations and other control measures, means, or techniques (including economic incentives such as fees, marketable permits, and auctions of emissions rights), as well as schedules and timetables for compliance, as may be necessary or appropriate to meet the applicable requirements of the Act. The Commenter, however, seems to believe that in the context of an infrastructure SIP submission, section 110(a)(2)(A) requires that a state must monitor attainment of the NAAQS at all monitors throughout the state in order to demonstrate that the SIP contains the requisite emissions limitations and other control measures, means or techniques prescribed by the Act. EPA does not believe that this is a reasonable interpretation of the provision with respect to infrastructure SIP submissions. Rather, EPA believes that the proper inquiry at this juncture is whether the state has met the basic structural SIP requirements appropriate at the point in time EPA is acting upon it. The Act provides states and EPA with other tools to address concerns that arise with respect to violations of the NAAQS in a designated attainment area, such as the authority to redesignate areas pursuant to section 107(d)(3), the authority to issue a "SIP Call" pursuant to section 110(k)(5), or the general authority to approve SIP revisions that can address such violations of the NAAQS through other appropriate measures. As stated in EPA's proposed approval for this rule, to meet section 110(a)(2)(A), Kentucky submitted a list of existing emission reduction measures in the SIP that control emissions of volatile organic compounds and nitrogen oxides (NOx) in order to address ambient ozone levels. EPA believes that this is sufficient for purposes of infrastructure SIP submission.

Comment 2: The Commenter contends that EPA must disapprove Kentucky's infrastructure SIP submission as it relates to section 110(a)(2)(A) because the submittal fails to contain enforceable ozone precursor limits and schedules/timetables for compliance to ensure attainment and maintenance of the NAAQS. Specifically, the Commenter contends that Kentucky has failed to identify how it will address the violations for those counties monitoring violations of the NAAQS.

Response 2: EPA disagrees with the Commenter's contention that Kentucky should be required to submit the emissions limitations and other control measures associated with a nonattainment plan in order to satisfy section 110(a)(2)(A) requirements. This would be beyond the scope of what is required per section 110(a)(2)(A) in the context of an infrastructure SIP submission. Nonattainment area plans are due on a different schedule from the section 110 infrastructure elements, and such plans, if required, are reviewed and acted upon through a separate process. Here, the most of the counties cited by the Commenter are not designated nonattainment,[8] and as such, the nonattainment plan requirements referenced by the Commenter are not currently due. As noted above, EPA shares the Commenter's concern regarding areas that are monitoring exceedances of the 2008 8-hour ozone NAAQS and will work appropriately with state and local agencies to address such exceedances. Further, in approving Kentucky's infrastructure SIP, EPA is affirming that Kentucky has sufficient authority to take the types of actions required by the CAA in order to bring such areas back into attainment.

Comment 3: A number of Commenters disagreed with EPA's position that disapproval of the Kentucky's infrastructure SIP, as it relates to section 110(a)(2)(D)(i)(I) requirements, would not trigger a mandatory duty for EPA to promulgate a FIP to address these requirements. Specifically, the Commenters contend that the plain language of the CAA requires EPA to issue a FIP within two years of a disapproval action. In addition, the Commenters contend that the decision in *EME Homer City Generation* v. *EPA,* 696 F.3d 7 (DC Cir. 2012) (*EME Homer City*), was incorrectly decided and is inconsistent with previous decisions by the DC Circuit Court of Appeals. The Commenters suggest that EPA should not voluntarily follow the incorrectly decided *EME Homer City* opinion, particularly in the context of an infrastructure action that only impacts sources in Kentucky, a state under the jurisdiction of the Sixth Circuit Court of Appeals rather than the DC Circuit Court of Appeals.

Response 3: EPA has historically adopted the interpretation suggested by the Commenters that disapproval of section 110(a)(2)(D)(i)(I) would trigger an obligation for the Agency to promulgate a FIP within two years if the state did not correct the SIP deficiency within that time. EPA continues to agree that the plain language of the statute establishes these obligations, and for those reasons, we asked the U.S. Court of Appeals for the DC Circuit to grant rehearing en banc of the decision in *EME Homer City.* That petition, however, was denied on January 24, 2012, and the mandate was issued to EPA on February 4, 2012. The deadline for any party to file a petition for *certiorari* with the Supreme Court has not passed [9] and the United States has not yet decided whether to pursue further appeals. In the meantime, EPA intends to act in accordance with the *EME Homer City* opinion in which the court concluded that states have no obligation to make a SIP submission to address section 110(a)(2)(D)(i)(I) for a new or revised NAAQS until EPA has first defined a state's obligations pursuant to that section. As described in the proposed rulemaking for today's action, Kentucky did make such a submittal, and consistent with section 110(k) of the CAA, EPA is required to act upon that submittal. Because CAIR does not, in any way, address transport with respect to the 2008 8-hour ozone NAAQS, it cannot be relied upon to satisfy the requirements of 110(a)(2)(D)(i)(I) for that NAAQS. For this reason, the Agency proposed to disapprove this portion of the infrastructure SIP submission. However, because this portion of the infrastructure SIP submission is not currently required for the 2008 8-hour ozone NAAQS per the *EME Homer City* opinion, EPA's disapproval action today does not presently trigger a FIP obligation.

EPA also disagrees with the Commenters' suggestion that the Agency need not follow the DC Circuit's decision in *EME Homer City* in the context of an infrastructure action for Kentucky. The EPA rule reviewed by the court in *EME Homer City*—"Federal Implementation Plans: Interstate Transport of Fine Particulate Matter and

[7] EPA also notes that the Commenter relies upon preliminary data to suggest that certain areas are violating the 2008 8-hour ozone NAAQS based upon 2010–2012 data. This data has not yet been certified, and as such, is not yet finalized. Regardless, for the reasons discussed in Response 1, EPA does not believe that such data, were it certified and final, would provide an appropriate basis upon which to disapprove Kentucky's infrastructure SIP as it relates to section 110(a)(2)(A) requirements.

[8] As noted below, a portion of Campbell County, Kentucky is designated nonattainment for the 2008 8-hour ozone NAAQS in association with the Cincinnati-Hamilton nonattainment area.

[9] Pursuant to Rule 13 of the Supreme Court Rules, a petition for certiorari must be filed within 90 days of the date of denial of rehearing. The court may extend this deadline for good cause by up to 60 days.

Ozone and Correction of SIP Approvals," 76 FR 48207 (August 8, 2011) also known as the Cross State Air Pollution Rule (CSAPR)—was designated by EPA as a "nationally applicable" rule within the meaning of section 307(b)(1) of the CAA. *See id.* at 48352. Accordingly, all petitions for review of the CSAPR had to be filed in the U.S. Court Appeals for the DC Circuit and could not be filed in any other federal court. 42 U.S.C. 7607(b)(1). Accordingly, EPA believes the DC Circuit's decision in *EME Homer City* vacating this rule is also nationally applicable. As such, EPA does not intend to take any actions, even if they are only reviewable in another federal Circuit Court of Appeals, that are inconsistent with the decision of the DC Circuit.

Comment 4: A number of states commented that Kentucky contributes significantly to ozone nonattainment in other states. Specifically, the Maryland Department of the Environment commented that it has performed modeling to demonstrate that Maryland will continue to violate the 2008 8-hour ozone NAAQS even if all anthropogenic emissions in Maryland are eliminated. It contends that corrective actions in states like Kentucky that contribute to Maryland's nonattainment are necessary in order for the state to meet the NAAQS. The Delaware Department of Natural Resources and Environmental Control commented that modeling from the CSAPR demonstrated that Kentucky emissions significantly contribute to Delaware's ozone pollution by as much as 4.3 percent of the 2008 8-hour ozone NAAQS in 2012 and that Delaware has done its fair share to address ozone, and it expects EPA to ensure that upwind contributing states fully address their contribution to downwind nonattainment. Finally, the Connecticut Department of Energy & Environmental Protection commented that CSAPR modeling demonstrates that Kentucky emissions significantly contribute to Connecticut's ozone pollution by as much as 3.4 percent of the 2008 8-hour ozone NAAQS in 2012, and that Connecticut has done its fair share to address ozone emissions in the state, and it now expects EPA to ensure that upwind contributing states fully address their contribution to downwind nonattainment.

Response 4: EPA acknowledges the Commenters' concern that interstate transport of ozone and ozone precursors from upwind states to downwind states may have adverse consequences on the ability of downwind areas to attain the NAAQS in a timely fashion. It is for this reason that EPA attempted, through CSAPR, to address emissions found to significantly contribute to nonattainment of or interfere with maintenance of the 1997 8-hour ozone NAAQS. The modeling done for CSAPR, however, did not address the 2008 8-hour ozone NAAQS and EPA did not draw any conclusions with respect to the 2008 8-hour ozone NAAQS which did not exist when CAIR was promulgated. Moreover, the DC Circuit, in its decision vacating the CSAPR, held that states are not required to submit SIPs addressing the requirements of section 110(a)(2)(D)(i)(I) until EPA has quantified their obligation under that provision. *See EME Homer City,* 696 F.3d at 37. The *EME Homer City* opinion was issued in August of 2012, and on January 24, 2013, the court denied all petitions for rehearing. As noted in the responses above, the deadline for asking the Supreme Court to review the DC Circuit's decision has not passed and the United States has not yet decided whether to seek further appeal. In the meantime, and unless the *EME Homer City Generation* decision is reversed or otherwise modified, EPA intends to act in accordance with the DC Circuit's opinion. Under this opinion, EPA has no authority to promulgate a FIP for section 110(a)(2)(D)(i)(I) until such time as the Agency quantifies States' obligations under this section.

Comment 5: One Commenter contended even if EPA chose to follow the *EME Homer City Generation* decision, EPA should acknowledge that the disapproval starts a FIP clock and then move expeditiously to provide Kentucky with the information the *EME Homer City* court said EPA must provide. The Commenter contended that EPA should be able to quantify Kentucky's obligations under section 110(a)(2)(D)(i)(I) within six months, thereby providing the Commonwealth with 18 months to submit a new SIP to address this requirements.

Response 5: EPA disagrees. As discussed above in the response to comment 3, unless the D.C. Circuit's decision in *EME Homer City* is reversed or otherwise modified, disapproval Kentucky DAQ's 2008 infrastructure SIP as it relates to section 110(a)(2)(i)(I) does not give EPA authority, much less obligate it, to promulgate a FIP for Kentucky. EPA intends to move forward expeditiously to address the interstate transport requirements of the CAA in accordance with all applicable court decisions.

Comment 6: A number of Commenters contend that EPA's disapproval section 110(a)(2)(D)(i)(I) triggers a section 110(k)(5) obligation to initiate a "SIP Call" to revise Kentucky's inadequate infrastructure SIP related to interstate transport requirements.

Response 6: EPA disagrees. Section 110(k)(5) of the CAA provides a mechanism (i.e., a "SIP Call") for correcting SIPs that the Administrator finds to be substantially inadequate to meet CAA requirements. As discussed above, EPA has historically interpreted section 110(a)(1) of the CAA as establishing the required submittal date for SIPs addressing all of the "interstate transport" requirements in section 110(a)(2)(D) including the provisions in section 110(a)(2)(D)(i)(I) regarding significant contribution to nonattainment and interference with maintenance. The D.C. Circuit's recent opinion in *EME Homer City,* however, concluded that a SIP cannot be deemed to lack a required submission or deemed deficient for failure to meet the 110(a)(2)(D)(i)(I) obligation until EPA first quantifies that obligation. As such, and consistent with the *EME Homer City* opinion, EPA does not at this time believe that disapproval of section 110(a)(2)(D)(i)(I) requirements for Kentucky's 2008 8-hour ozone infrastructure SIP constitutes a substantial inadequacy in the Kentucky SIP because EPA has yet to quantify the Commonwealth's obligation under this requirement. EPA intends to move forward expeditiously to implement the interstate transport requirements of the CAA.

Comment 7: One Commenter contends that EPA should disapprove Kentucky's 2008 8-hour ozone infrastructure SIP submission with regard to the visibility component of 110(a)(2)(D)(i)(II) until such time that Kentucky imposes best available retrofit technology (BART) for nitrogen oxides (NOx) and sulfur dioxides for electric generating units. The Commenter asserts that the substitution of the CAIR for BART is not permanent and enforceable and references the previous litigation related to CAIR. The Commenter provides a number of comments in relation to EPA's "better than BART" approach and reliance on CAIR to support an approval action for the visibility components of Kentucky's 2008 8-hour ozone infrastructure submission.

Response 7: EPA disagrees. As explained in detail in EPA's proposed rulemaking related to today's action, EPA believes that in light of the D.C. Circuit court's decision to vacate CSAPR, also known as the Transport Rule (*see EME Homer City,* 696 F.3d 7), and the court's order for EPA to "continue administering CAIR pending the promulgation of a valid replacement," it is appropriate for EPA

to rely at this time on CAIR to support approval of Kentucky's 2008 8-hour ozone infrastructure submission as it relates to visibility. EPA has been ordered by the court to develop a new rule, and to continue implementing CAIR in the meantime. While EPA had filed a petition for rehearing of the court's decision on the Transport Rule, this petition was later denied on January 24, 2013. The deadline for any party to file a petition for *certiorari* with the Supreme Court has not passed, and the United States has not yet decided whether to pursue further appeals. In the meantime, EPA does not intend to act in a manner inconsistent with the decision of the D.C. Circuit. Based on the current direction from the court to continue administering CAIR, EPA believes that it is appropriate to rely on CAIR emission reductions for purposes of assessing the adequacy of Kentucky's infrastructure SIP with respect to prong 4 of section 110(a)(2)(D)(i)(II) while a valid replacement rule is developed and until implementation plans complying with any such new rule are submitted by the states and acted upon by EPA or until the *EME Homer City* case is resolved in a way that provides different direction regarding CAIR and CSAPR.

Furthermore, as neither the Commonwealth nor EPA has taken any action to remove CAIR from the Kentucky SIP, CAIR remains part of the federally-approved SIP and can be considered in determining whether the SIP as a whole meets the requirement of prong 4 of 110(a)(2)(D)(i)(II). EPA is taking final action to approve the infrastructure SIP submission with respect to prong 4 because Kentucky's regional haze SIP, which EPA has given a limited approval in combination with its SIP provisions to implement CAIR adequately, prevents sources in Kentucky from interfering with measures adopted by other states to protect visibility during the first planning period. While EPA is not at this time proposing to change the March 30, 2012, limited approval and limited disapproval of Kentucky's regional haze SIP, EPA expects to propose an appropriate action regarding Kentucky's regional haze SIP if necessary upon final resolution of the *EME Homer City* litigation. More detailed rationale to support EPA's approval of prong 4 for Kentucky's 2008 8-hour ozone infrastructure submission can be found in EPA's proposed rulemaking for today's final action. *See* 78 FR 3867.

Comment 8: One Commenter states that EPA should disapprove the visibility prong of Kentucky's 2008 8-hour ozone infrastructure submission because the Commenter asserts that Kentucky has failed to conduct its 5-year progress review for its regional haze SIP by the required date.

Response 8: EPA does not agree that Kentucky has missed its deadline to submit its 5-year progress review SIP related to regional haze. Kentucky's initial regional haze SIP was submitted on June 25, 2008, so the Commonwealth's 5-year regional haze progress review SIP is not due until June 25, 2013. Even assuming, however, that the deadline for the Commonwealth's submittal of its progress review SIP had passed, this alone would not warrant the disapproval of Kentucky's 2008 8-hour ozone infrastructure SIP submission as it relates to visibility.

Comment 9: One Commenter states "[n]ow that *en banc* review of *Homer* has been denied, EPA should promptly propose and promulgate a full approval of KY's regional haze SIP." The Commenter also asserts that, "[t]his prospective action should also apply to the other elements of the KY SIP that address reasonable progress and the long term strategy for visibility."

Response 9: This comment is outside of the scope of today's action. As explained in EPA's proposal notice related to today's action, EPA has already taken final action on Kentucky's regional haze SIP. *See* 77 FR 19098 (March 30, 2012). EPA's proposal notice related to today's action did not involve a reconsideration of the Agency's March 30, 2012, final action on the Commonwealth's regional haze SIP. While EPA's proposal notice did note the litigation related to the Transport Rule and also noted that based on the *EME Homer City* court's decision on the Transport Rule that it would be appropriate to propose to rescind its limited disapproval of Kentucky's regional haze SIP and propose a full approval, EPA did not take such action because the Agency was awaiting a decision related to the possibility that the court would grant EPA's petition for an *en banc* review. EPA mentioned in that proposal notice that an *en banc* review of the court's decision could have a different outcome that could bear on such action on the regional haze SIP. Since the time of EPA's proposal for Kentucky's 2008 8-hour ozone infrastructure SIP, the court has denied EPA's petition for *en banc* review. As noted above, on January 24, 2013, EPA's petition was denied and the mandate was issued to EPA on February 4, 2013. The deadline for any party to file a petition for *certiorari* with the Supreme Court has not passed and the United States has not yet decided whether to pursue further appeals. In the meantime, EPA does not intend to act in a manner inconsistent with the decision of the D.C. Circuit. However, EPA does not think it is appropriate in today's action to rescind its limited disapproval of Kentucky's regional haze SIP. Notably, as explained in EPA's proposal notice related to Kentucky's 2008 8-hour ozone infrastructure action, EPA does not believe that rescinding the Agency's previous limited disapproval of Kentucky's regional haze SIP is necessary to support a full approval of the visibility components of 110(a)(2)(D)(i)(I) and 110(a)(2)(J) for Kentucky's 2008 8-hour ozone infrastructure SIP. Moreover, EPA has not proposed to rescind the Agency's previous limited disapproval, which would be an appropriate procedural step prior to rescinding that disapproval.

Comment 10: One Commenter contends that "EPA must disapprove the infrastructure SIP because it does not contain the 2008 ozone NAAQS." In support of this contention, the Commenter points to a table codified at 401 KAR 53:010, as evidence that Kentucky's ozone limits "remain at levels set in 1997."

Response 10: EPA does not agree with the Commenter's assertion that Kentucky's 2008 8-hour ozone infrastructure SIP should be disapproved because "it does not contain the 2008 8-hour ozone NAAQS." In response to this comment, EPA has investigated the facts concerning the table in question. EPA acknowledges that the table in Appendix A to 401 KAR 53:010 pointed to by the Commenter currently does not list the 2008 8-hour ozone NAAQS. However, EPA does not believe that the out-of-date table indicates that the Kentucky SIP does not adequately address infrastructure requirements for the 2008 8-hour ozone NAAQS.

The Commonwealth's infrastructure SIP submission explicitly stated that it was submitted to address the 2008 8-hour ozone NAAQS. Within that submission, the Commonwealth indicated that its existing provisions are appropriate for purposes of the 2008 8-hour ozone NAAQS. EPA considers this to be accurate, based upon the specific contents of the infrastructure SIP submission for various elements of section 110(a)(2). For example, Kentucky's applicable permitting regulations define a "regulated NSR pollutant" as "[a] pollutant for which a national ambient air quality standard has been promulgated* * *." 401 KAR 51:001(207). In assessing permits issued by the Commonwealth, EPA routinely interprets the "for which a national

ambient air quality standard has been promulgated" language in the Kentucky SIP as referring to the current federally-promulgated NAAQS. EPA notes that in practice the Commonwealth is also addressing the 2008 8-hour ozone NAAQS.[10]

Finally, EPA understands that the Commonwealth has initiated action to update the out-of-date table cited by the Commenter to eliminate any ambiguity or confusion regarding this point. In consultation with the Commonwealth, EPA's understanding is that the Commonwealth is in the process of updating the table to reflect the current NAAQS. EPA believes that, with correction of the table, there should be no misunderstandings concerning the fact that the Commonwealth's SIP is designed to address the 2008 8-hour ozone NAAQS in accordance with the requirements of section 110(a)(1) and (2). As such, EPA does not agree that Kentucky's infrastructure SIP submission must be disapproved as a result of the out-of-date table cited by the Commenter.

Comment 11: One Commenter contends that EPA cannot determine that the Kentucky SIP provides the necessary assurances required by section 110(a)(2)(E)(i) that the Commonwealth will have adequate personnel, funding and authority under state law to carry out its implementation plan given (in the Commenter's opinion) that Kentucky's infrastructure SIP fails to adequately address the significant and important requirements of element (D)(i).

Response 11: EPA does not agree. Section 110(a)(2)(E)(i) requires that the SIP provide "necessary assurances that the State * * * will have adequate personnel, funding, and authority under State * * * law to carry our such implementation plan * * *." As described in the proposal for today's action, Kentucky has submitted information to demonstrate that DAQ is responsible for promulgating rules and regulations for the NAAQS, emissions standards, general policies, a system of permits, fee schedules for the review of plans and other planning needs. In addition, EPA noted the March 14, 2012, Agency letter to DAQ outlining the current status of grant commitments for 2011, each of which have since been finalized. Finally, the proposed rule for today's action described that Kentucky's personnel, funding, and legal authority to carry out the Commonwealth's implementation plan is included with all prehearings and final SIP submittals to EPA. Based upon this information EPA proposed to approve Kentucky's infrastructure submission for purposes of the 2008 8-hour ozone NAAQS. The Commenter does not refute these facts.

While the Commenter is correct in asserting that Kentucky's infrastructure SIP presently fails to address section 110(a)(2)(D)(i)(I) for the 2008 8-hour ozone NAAQS, it is incorrect to conclude that such failure must result in a disapproval of section 110(a)(2)(E)(i). EPA does not view the satisfaction of section 110(a)(2)(D)(i)(I) requirements as germane to an evaluation of whether a state has met its obligations under section 110(a)(2)(E)(i). Rather, EPA interprets section 110(a)(2)(E)(i) as requiring that the state have adequate authority under statutes, rules, and regulations to carry out applicable SIP obligations with respect to the relevant NAAQS. *See* 40 CFR Part 51, Subparts L and O.

As described above, EPA's disapproval of the Kentucky infrastructure SIP as it relates to the section 110(a)(2)(D)(i)(I) transport requirements is based upon the Commonwealth's reliance upon CAIR to satisfy the interstate transport obligations of a NAAQS which CAIR did not address. The fact that this portion of the SIP cannot be approved, however, does not in any way demonstrate a deficiency in the underlying authority of the Kentucky DAQ to promulgate rules and regulations to address these requirements. The Commenter provided no information to suggest that Kentucky lacks the personnel, authority to address the interstate transport requirements.

Comment 12: One Commenter asserts that EPA must disapprove Kentucky's infrastructure SIP related to section 110(a)(2)(J) (127 public notice requirements) because in the Commenter's opinion Kentucky does not provide public notification of 2008 8-hour ozone NAAQS violations in areas beyond Oldham and Jefferson counties. Specifically, the Commenter indicates that the state agency does not notify the public of 2008 8-hour ozone violations in counties that are currently designated attainment for the 1-hour and 1997 8-hour standards (i.e., all counties but Jefferson and Oldham).

Response 12: EPA does not agree with the Commenter's assertion that EPA must disapprove Kentucky's infrastructure SIP submission as it relates to the section 110(a)(2)(J) requirements for public notification because the SIP does not provide for public notification of 2008 8-hour ozone NAAQS violations.

First the Commenter fails to note the distinction between exceeding the ozone NAAQS and violating the ozone NAAQS. Under the CAA, there is a clear distinction between a violation and an exceedance of an ambient air quality standard.[11] Pursuant to the public notification requirements of section 110(a)(2)(J), states are not required to notify the public of NAAQS *violations* as suggested by the Commenter. Instead, states are required "to notify the public during any calendar [year] on a regular basis of instances or areas in which any national primary ambient air quality standard *is exceeded or was exceeded* during any portion of the preceding calendar year * * *" (emphasis added). *See* 42 U.S.C. 7427.

Second, the Commenter is mistaken because the Commonwealth does notify the public regarding ambient air quality in Kentucky, including exceedances of the standard. As described in the proposal for today's action, notification to the public regarding exceedances is accomplished through Kentucky DAQ's Web site at *http://air.ky.gov/Pages/AirQualityIndexMonitoring.aspx*, which provides real time monitoring data for all of the Commonwealth's ozone monitors and provides access to Air Quality Index (AQI) information.[12] In addition, Kentucky's Web site also provides information related to health considerations based on the concentration of the pollutants in the air and information related to ways the public can help reduce air pollution. EPA has determined that that this method of notify the public of ambient quality is sufficient to meet Kentucky's infrastructure SIP obligations described at section 110(a)(2)(J) regarding public notification.

Finally, EPA also notes that this comment presupposes that there have

[10] For example, EPA is currently reviewing the Suncoke Energy PSD Application (PSD–KY–265), which was submitted to DAQ on December 7, 2012, and received by EPA for review February 7, 2013. The terms of this application reflect the 2008 8-hour ozone standard as the applicable NAAQS.

[11] An exceedance occurs when monitored ozone concentrations exceed the NAAQS. Ozone is collected as an hourly average of continuous data and, in the context of the 2008 8-hour ozone NAAQS is then used to determine the daily 8-hour average value. An ozone exceedance occurs when a monitor records an 8-hour averaged ambient level of ozone above the standard, in this case, above 0.075 parts per million (ppm). A violation of an ozone standard (as opposed to an exceedance) is based on 3-year averages of data. Violations of the 8-hour standard are determined using the annual 4th-highest daily maximum 8-hour ozone value at each monitor. A violation requires a 3-year average of the annual 4th-highest daily maximum 8-hour value that is greater than 0.075 ppm.

[12] EPA notes that Kentucky provides this information for monitors through the Commonwealth, and that the locations of the monitors are included in the Commonwealth's approved network monitoring plan. Thus this information is available for appropriate locations throughout the state.

been violations of the 2008 ozone NAAQS based on 2010 to 2012 design values which have yet to be certified. Although the Kentucky DAQ maintains the above-referenced Web site with real time monitoring data for the Commonwealth's ozone monitors, Kentucky is not required to certify each year's data until April 1, 2013. As such, until the 2012 data referenced by the Commenter is certified, it remains preliminary and EPA does not view a NAAQS violation as having occurred. Consequently, the Commenter's reference to data not-yet-certified is premature.[13]

III. This Action

In this rulemaking, EPA is taking final action to approve Kentucky DAQ's infrastructure submission as demonstrating that the Commonwealth meets the applicable requirements of sections 110(a)(1) and (2) of the CAA for the 2008 8-hour ozone NAAQS, with the exception of section 110(a)(2)(D)(i)(I) concerning interstate transport, and sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J) pertaining to structural PSD requirements.

With respect to section 110(a)(2)(D)(i)(I), which pertains to interstate transport, EPA is taking final action to disapprove this portion of Kentucky DAQ's infrastructure SIP for the 2008 8-hour ozone NAAQS.

With respect to sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J), EPA is finalizing conditional approval for this portion of Kentucky DAQ's infrastructure SIP for the 2008 8-hour ozone NAAQS. Today's final action to conditionally approve of these portions of sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J) specifically related to the structural PSD requirements is based upon a December 19, 2012, commitment letter submitted by Kentucky DAQ to EPA. The Commonwealth's December 19, 2012, letter can be accessed at *www.regulations.gov* using Docket ID No. EPA–R04–OAR–2012–0700. Through this letter, Kentucky DAQ, committed to adopt specific enforceable measures to address current deficiencies in its SIP related to the structural PSD requirements of the PSD and NNSR requirements related to the implementation of the NSR $PM_{2.5}$ Rule and the $PM_{2.5}$ PSD Increment-SILs-SMC Rule (only as it relates to $PM_{2.5}$ Increments). This commitment letter meets the requirements of section 110(k)(4) of the CAA, and as such, EPA is relying upon this commitment to conditionally approve sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J). For more information, see EPA's proposal for today's rulemaking. *See* 78 FR 3867.

Accordingly, for purposes of today's conditional approval sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J) as it relates to the structural PSD requirements, Kentucky DAQ must submit to EPA by March 10, 2014, a SIP revision adopting the specific enforceable measures as described in the Commonwealth's commitment letter described above. If the Commonwealth fails to actually submit this revision by March 10, 2014, today's conditional approval will automatically become a disapproval for the 2008 8-hour ozone NAAQS.

IV. Final Action

EPA is taking final action to approve most elements contained in Kentucky DAQ's infrastructure SIP submission made by the Commonwealth on September 8, 2009, as revised on July 17, 2012, because it addresses the required infrastructure elements for the 2008 8-hour ozone NAAQS with exception of sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J) as they relate to structural PSD requirements, and section 110(a)(2)(D)(i)(I) as it relates to interstate transport. With the exceptions noted above Kentucky DAQ has addressed the elements of the CAA 110(a)(1) and (2) SIP requirements pursuant to section 110 of the CAA to ensure that the 2008 8-hour ozone NAAQS are implemented, enforced, and maintained in Kentucky.

With respect to section 110(a)(2)(D)(i)(I) specifically pertaining interstate transport, EPA is finalizing disapproval for this portion of Kentucky DAQ's infrastructure SIP for the 2008 8-hour ozone NAAQS.

With respect to sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J) as they relate to the structural PSD requirements of the PSD and NNSR requirements related to the implementation of the NSR $PM_{2.5}$ Rule and the $PM_{2.5}$ PSD Increment-SILs-SMC Rule (only as it relates to $PM_{2.5}$ Increments), EPA is taking final action to conditionally approve the Commonwealth's infrastructure SIP in part, based on an December 19, 2012, commitment that Kentucky DAQ will adopt specific enforceable measures related to the structural PSD requirements detailed above into its SIP and submit these revisions to EPA by March 10, 2014. If the Commonwealth fails to actually submit these revisions by the applicable dates described above, today's conditional approval(s) will automatically be disapproved on that date.

V. Statutory and Executive Order Reviews

Under the CAA, the Administrator is required to approve a SIP submission that complies with the provisions of the Act and applicable federal regulations. 42 U.S.C. 7410(k); 40 CFR 52.02(a). Thus, in reviewing SIP submissions, EPA's role is to approve state choices, provided that they meet the criteria of the CAA. Accordingly, this action merely approves state law as meeting federal requirements and does not impose additional requirements beyond those imposed by state law. For that reason, this action:

- Is not a "significant regulatory action" subject to review by the Office of Management and Budget under Executive Order 12866 (58 FR 51735, October 4, 1993);
- Does not impose an information collection burden under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 *et seq.*);
- Is certified as not having a significant economic impact on a substantial number of small entities under the Regulatory Flexibility Act (5 U.S.C. 601 *et seq.*);
- Does not contain any unfunded mandate or significantly or uniquely affect small governments, as described in the Unfunded Mandates Reform Act of 1995 (Pub. L. 104–4);
- Does not have Federalism implications as specified in Executive Order 13132 (64 FR 43255, August 10, 1999);
- Is not an economically significant regulatory action based on health or safety risks subject to Executive Order 13045 (62 FR 19885, April 23, 1997);
- Is not a significant regulatory action subject to Executive Order 13211 (66 FR 28355, May 22, 2001);
- Is not subject to requirements of Section 12(d) of the National Technology Transfer and Advancement Act of 1995 (15 U.S.C. 272 note) because application of those requirements would be inconsistent with the CAA; and
- Does not provide EPA with the discretionary authority to address, as appropriate, disproportionate human health or environmental effects, using

[13] EPA also wishes to clarify that Commenter incorrectly indicates that all counties aside from Jefferson and Oldham are designated attainment for the 2008 8-hour ozone NAAQS. There are also three partial counties in Northern Kentucky (i.e., Boone, Campbell and Kenton) are designated nonattainment for the 2008 8-hour ozone NAAQS as part of the Cincinnati-Hamilton Nonattainment Area. The Campbell County monitor referred to by the Commenter is included in the 2008 8-hour ozone nonattainment area and is not in area designated attainment as suggested by one Commenter. *See* 77 FR 30088.

practicable and legally permissible methods, under Executive Order 12898 (59 FR 7629, February 16, 1994).

In addition, this rule does not have tribal implications as specified by Executive Order 13175 (65 FR 67249, November 9, 2000), because the SIP is not approved to apply in Indian country located in the state, and EPA notes that it will not impose substantial direct costs on tribal governments or preempt tribal law.

The Congressional Review Act, 5 U.S.C. 801 *et seq.*, as added by the Small Business Regulatory Enforcement Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the United States. EPA will submit a report containing this action and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the United States prior to publication of the rule in the **Federal Register**. A major rule cannot take effect until 60 days after it is published in the **Federal Register**. This action is not a "major rule" as defined by 5 U.S.C. 804(2).

Under section 307(b)(1) of the CAA, petitions for judicial review of this action must be filed in the United States Court of Appeals for the appropriate circuit by May 6, 2013. Filing a petition for reconsideration by the Administrator of this final rule does not affect the finality of this action for the purposes of judicial review nor does it extend the time within which a petition for judicial review may be filed, and shall not postpone the effectiveness of such rule or action. This action may not be challenged later in proceedings to enforce its requirements. *See* section 307(b)(2).

List of Subjects in 40 CFR Part 52

Environmental protection, Air pollution control, Incorporation by reference, Intergovernmental relations, Nitrogen dioxide, Ozone, Reporting and recordkeeping requirements, Volatile organic compounds.

Dated: March 1, 2013.

A. Stanley Meiburg

Acting Regional Administrator, Region 4.

40 CFR part 52 is amended as follows:

PART 52—APPROVAL AND PROMULGATION OF IMPLEMENTATION PLANS

■ 1. The authority citation for part 52 continues to read as follows:

Authority: 42 U.S.C. 7401 *et seq.*

Subpart S—Kentucky

■ 2. Section 52.919 is amended by designating the existing undesignated paragraph as paragraph (a) and adding paragraph (b) to read as follows:

§ 52.919 Identification of plan-conditional approval.

(a) * * *

(b) Conditional Approval—Submittal from the Commonwealth of Kentucky, through the Division of Air Quality (DAQ) of the Kentucky Energy and Environment Cabinet, dated December 19, 2012, to address the Clean Air Act (CAA) sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J) for the 2008 8-hour Ozone National Ambient Air Quality Standards. With respect to CAA sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J), the Commonwealth must submit to EPA by March 10, 2014, SIP revisions adopting specific enforceable measures related the structural PSD requirements of the PSD and NNSR requirements related to the implementation of the NSR $PM_{2.5}$ Rule and the $PM_{2.5}$ PSD Increment-SILs-SMC Rule (only as it relates to $PM_{2.5}$ Increments) as described in the Commonwealth's commitment letter.

■ 3. In § 52.920, the table in paragraph (e) is amended by adding a new entry "110(a)(1) and (2) Infrastructure Requirements for the 2008 8-Hour Ozone National Ambient Air Quality Standards" at the end of the table to read as follows:

§ 52.920 Identification of plan.

* * * * *

(e) * * *

EPA-APPROVED KENTUCKY NON-REGULATORY PROVISIONS

Name of non-regulatory SIP provision	Applicable geographic or non-attainment area	State submittal date/effective date	EPA approval date	Explanations
*	*	*	*	*
110(a)(1) and (2) Infrastructure Requirements for the 2008 8-Hour Ozone National Ambient Air Quality Standards.	Commonwealth of Kentucky.	7/17/2012	3/7/2013 ..... [Insert citation of publication].	With the exception of section 110(a)(2)(D)(i)(I) concerning interstate transport which is being disapproved and, the portions of sections 110(a)(2)(C), prong 3 of 110(a)(2)(D)(i), and 110(a)(2)(J) related to structural PSD requirements, which are being conditionally approved.

■ 4. Section 52.930 is amended by adding paragraph (l) to read as follows:

§ 52.930 Control strategy: Ozone.

* * * * *

(l) *Disapproval.* EPA is disapproving in part, the Commonwealth of Kentucky's Infrastructure SIP for the 2008 8-hour Ozone National Ambient Air Quality Standards addressing section 110(a)(2)(D)(i)(I) concerning interstate transport requirements, submitted July 17, 2012.

[FR Doc. 2013–05352 Filed 3–6–13; 8:45 am]

BILLING CODE 6560–50–P

DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Medicare & Medicaid Services

42 CFR Part 412

[CMS–1588–N]

RIN 0938–AR12

Medicare Program; Extension of the Payment Adjustment for Low-volume Hospitals and the Medicare-dependent Hospital (MDH) Program Under the Hospital Inpatient Prospective Payment Systems (IPPS) for Acute Care Hospitals for Fiscal Year 2013

AGENCY: Centers for Medicare & Medicaid Services (CMS), HHS.

ACTION: Notice of extension.

SUMMARY: This notice announces changes to the payment adjustment for low-volume hospitals and to the Medicare-dependent hospital (MDH) program under the hospital inpatient prospective payment systems (IPPS) for FY 2013 in accordance with sections 605 and 606, respectively, of the American Taxpayer Relief Act of 2012.

DATES: *Effective date:* March 4, 2013. *Applicability dates:* The provisions described in this notice are applicable for discharges on or after October 1, 2012 and on or before September 30, 2013.

FOR FURTHER INFORMATION CONTACT:
Michele Hudson, (410) 786–5490.
Maria Navarro, (410) 786–4553.
Shevi Marciano, (410) 786–2874.

SUPPLEMENTARY INFORMATION:

I. Background

On January 2, 2013, the American Taxpayer Relief Act of 2012 (ATRA) (Pub. L. 112–240) was enacted. Section 605 of the ATRA extends changes to the payment adjustment for low-volume hospitals for an additional year, through fiscal year (FY) 2013. Section 606 of the ATRA extends the Medicare-dependent hospital (MDH) program for an additional year, through FY 2013.

II. Provisions of the Notice

A. Extension of the Payment Adjustment for Low-Volume Hospitals

1. Background

Section 1886(d)(12) of the Social Security Act (the Act) provides for an additional payment to each qualifying low-volume hospital under the hospital inpatient prospective payment systems (IPPS) beginning in FY 2005. Sections 3125 and 10314 of the Affordable Care Act provided for a temporary change in the low-volume hospital payment policy for FYs 2011 and 2012. Prior to the enactment of the ATRA, beginning with FY 2013, the low-volume hospital qualifying criteria and payment adjustment returned to the statutory requirements under section 1886(d)(12) of the Act that were in effect prior to the amendments made by the Affordable Care Act. (For additional information on the expiration of the provisions of the Affordable Care Act that amended the low-volume hospital adjustment at section 1886(d)(12) of the Act, we refer readers to the FY 2013 IPPS/LTCH PPS final rule (77 FR 53406 through 53408).) The regulations describing the payment adjustment for low-volume hospitals are at 42 CFR 412.101.

2. Low-Volume Hospital Payment Adjustment for FYs 2011 and 2012

For FYs 2011 and 2012, sections 3125 and 10314 of the Affordable Care Act expanded the definition of low-volume hospital and modified the methodology for determining the payment adjustment for hospitals meeting that definition. Specifically, the provisions of the Affordable Care Act amended the qualifying criteria for low-volume hospitals under section 1886(d)(12)(C)(i) of the Act to specify that, for FYs 2011 and 2012, a hospital qualifies as a low-volume hospital if it is more than 15 road miles from another subsection (d) hospital and has less than 1,600 discharges of individuals entitled to, or enrolled for, benefits under Part A during the fiscal year. In addition, section 1886(d)(12)(D) of the Act, as added by the Affordable Care Act, provides that the low-volume hospital payment adjustment (that is, the percentage increase) is to be determined "using a continuous linear sliding scale ranging from 25 percent for low-volume hospitals with 200 or fewer discharges of individuals entitled to, or enrolled for, benefits under Part A in the fiscal year to zero percent for low-volume hospitals with greater than 1,600 discharges of such individuals in the fiscal year."

We revised the regulations at 42 CFR 412.101 to reflect the changes to the qualifying criteria and the payment adjustment for low-volume hospitals according to the provisions of the Affordable Care Act in the FY 2011 IPPS/LTCH PPS final rule (75 FR 50238 through 50275 and 50414). In addition, we also defined, at § 412.101(a), the term "road miles" to mean "miles" as defined at § 412.92(c)(1), and clarified the existing regulations to indicate that a hospital must continue to qualify as a low-volume hospital in order to receive the payment adjustment in that year (that is, it is not based on a one-time qualification). Furthermore, in that same final rule, we discussed the process for requesting and obtaining the low-volume hospital payment adjustment for FY 2011 (75 FR 50240). For the second year of the changes to the low-volume hospital adjustment provided for by the provisions of the Affordable Care Act (that is, FY 2012), consistent with the regulations at § 412.101(b)(2)(ii), we updated the discharge data source used to identify qualifying low-volume hospitals and calculate the payment adjustment (percentage increase) in the FY 2012 IPPS/LTCH PPS final rule (76 FR 51677 through 51680). Under § 412.101(b)(2)(ii), for FYs 2011 and 2012, a hospital's Medicare discharges from the most recently available MedPAR data, as determined by CMS, are used to determine if the hospital meets the discharge criteria to receive the low-volume payment adjustment in the current year. In that same final rule, we established that, for FY 2012, qualifying low-volume hospitals and their payment adjustment are determined using Medicare discharge data from the March 2011 update of the FY 2010 MedPAR file, as these data were the most recent data available at that time. In addition, we noted that eligibility for the low-volume payment adjustment for FY 2012 was also dependent upon meeting (if the hospital was qualifying for the low-volume payment adjustment for the first time in FY 2012), or continuing to meet (if the hospital qualified in FY 2011) the mileage criteria specified at § 412.101(b)(2)(ii). Furthermore, we established a procedure for a hospital to request low-volume hospital status for FY 2012 (which was consistent with the process we employed for the low-volume hospital payment adjustment for FY 2011).

APPENDIX A-4
79 FR 65143
November 3, 2014

end of the effective period of this temporary deviation. This deviation from the operating regulations is authorized under 33 CFR 117.35.

Dated: October 22, 2014.

D.H. Sulouff,

District Bridge Chief, Eleventh Coast Guard District.

[FR Doc. 2014–26088 Filed 10–31–14; 8:45 am]

BILLING CODE 9110–04–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA–R04–OAR–2013–0486; FRL–9918–68–Region–4]

Approval and Promulgation of Implementation Plans; Commonwealth of Kentucky: New Source Review for Fine Particulate Matter

AGENCY: Environmental Protection Agency.

ACTION: Final rule.

SUMMARY: The Environmental Protection Agency (EPA) is taking final action to approve a revision to the Kentucky State Implementation Plan (SIP), submitted by the Commonwealth of Kentucky, through the Kentucky Division for Air Quality (KDAQ) to EPA on January 31, 2013. The SIP revision modifies the Commonwealth's New Source Review (NSR), Prevention of Significant Deterioration (PSD), and Nonattainment New Source Review (NNSR) regulations to adopt into the Kentucky SIP Federal NSR permitting requirements for the implementation of the fine particulate matter ($PM_{2.5}$) national ambient air quality standards (NAAQS). The approved changes in Kentucky's January 31, 2013, SIP submission are necessary to comply with Federal requirements. EPA is approving the Commonwealth's January 31, 2013, revision to the Kentucky SIP because the Agency has determined that the changes are consistent with the Clean Air Act (CAA or Act). Additionally, EPA is converting two conditional approvals related to the PSD infrastructure requirements for the 1997 and 2006 $PM_{2.5}$, and 2008 8-hour Ozone NAAQS to full approval under the CAA.

DATES: This rule will be effective December 3, 2014.

ADDRESSES: EPA has established a docket for this action under Docket Identification No. EPA–R04–OAR–2013–0486. All documents in the docket are listed on the *www.regulations.gov* Web site. Although listed in the index, some information is not publicly available, i.e., Confidential Business Information or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, is not placed on the Internet and will be publicly available only in hard copy form. Publicly available docket materials are available either electronically through *www.regulations.gov* or in hard copy at the Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street SW., Atlanta, Georgia 30303–8960. EPA requests that if at all possible, you contact the person listed in the **FOR FURTHER INFORMATION CONTACT** section to schedule your inspection. The Regional Office's official hours of business are Monday through Friday, 8:30 a.m. to 4:30 p.m., excluding Federal holidays.

FOR FURTHER INFORMATION CONTACT: For information regarding the Kentucky SIP, contact Mr. David (Brad) Akers, Regulatory Development Section, Air Planning Branch, Air, Pesticides and Toxics Management Division, U.S. Environmental Protection Agency, Region 4, 61 Forsyth Street, SW., Atlanta, Georgia 30303–8960. Telephone number: (404) 562–9089; email address: *akers.david@epa.gov*. For information regarding NSR, contact Ms. Yolanda Adams, Air Permits Section, at the same address above. Telephone number: (404) 562–9214; email address: *adams.yolanda@epa.gov*. For information regarding $PM_{2.5}$ NAAQS, contact Mr. Joel Huey, Regulatory Development Section, at the same address above. Telephone number: (404) 562–9104; email address: *huey.joel@epa.gov*.

SUPPLEMENTARY INFORMATION:

I. Background

EPA is taking final action to approve the Commonwealth of Kentucky's January 31, 2013, SIP revision to adopt Federal requirements for NSR permitting. The Commonwealth's SIP revision makes changes to the regulations in Kentucky's Air Quality Regulations, 401 Kentucky Air Regulations (KAR) 51:001- *Definitions for 401–KAR Chapter 51;* 401 KAR 51:017—*Prevention of significant deterioration of air quality* and 401 KAR 51:052—*Review of new sources in or impacting upon nonattainment areas* to adopt NSR requirements related to the implementation of the $PM_{2.5}$ NAAQS as promulgated in the rulemakings entitled "Implementation of the New Source Review (NSR) Program for Particulate Matter Less Than 2.5 Micrometers," Final Rule, 73 FR 28321 (May 16, 2008) (hereafter referred to as the "NSR $PM_{2.5}$ Rule") and "Prevention of Significant Deterioration (PSD) for Particulate Matter Less Than 2.5 Micrometers ($PM_{2.5}$)—Increments, Significant Impact Levels (SILs) and Significant Monitoring Concentration (SMC)," Final Rule, 75 FR 64864 (October 20, 2010) (hereafter referred to as the "$PM_{2.5}$ PSD Increments-SILs-SMC Rule"). The Commonwealth must make this SIP revision to comply with Federal NSR permitting regulations at 40 CFR 51.166 and 51.165. Originally, the Commonwealth included SILs and SMC thresholds in the January 31, 2013, SIP submission, consistent with the October 20, 2010, $PM_{2.5}$ PSD Increments-SILs-SMC Rule. However, EPA cannot act on SILs or SMC provisions due to the January 22, 2013, decision by the D.C. Circuit Court of Appeals vacating the portions of the $PM_{2.5}$ PSD Increment-SILs-SMC Rule addressing the SMC and SILs (and remanding the SILs portion to EPA for further consideration).[1] *See Sierra Club* v. *EPA,* 705 F.3d 458 (D.C. Cir. 2013). Accordingly, Kentucky has since submitted a letter to EPA dated July 22, 2014, requesting that the SILs and SMC provisions from the January 31, 2013, SIP submission be withdrawn from EPA consideration; therefore these provisions are no longer before EPA for consideration. The letter can be found in Docket ID: EPA–R04–OAR–2013–0486.

Additionally, the Commonwealth's January 31, 2013, SIP submission satisfies EPA's multiple conditional approvals of the PSD-related requirements for sections 110(a)(2)(C), 110(a)(2)(D)(i)(II) and 110(a)(2)(J) of Kentucky's infrastructure SIPs for the 1997 and 2006 $PM_{2.5}$, and 2008 8-hour Ozone NAAQS. As a result, EPA is acting to convert from conditional approval to full approval KDAQ's infrastructure requirements related to its PSD program.

On July 23, 2014, EPA published a proposed rulemaking to approve the aforementioned changes to the Commonwealth's NSR program at 401

[1] On January 22, 2013, D.C. Circuit granted a request from EPA to vacate and remand to the Agency the portions of the October 20, 2010 rule addressing the SILs for $PM_{2.5}$, except for the parts codifying the $PM_{2.5}$ SILs in the NSR rule at 40 CFR 51.165(b)(2), so that the EPA could voluntarily correct an error in the provisions. *See Sierra Club v. EPA,* 705 F.3d 458 at 463–66 (D.C. Cir. 2013). The Court also vacated parts of the $PM_{2.5}$ PSD Increment-SILs-SMC Rule establishing the $PM_{2.5}$ SMC, finding that the Agency had exceeded its statutory authority with respect to these provisions. Id at 469. On December 9, 2013, EPA issued a final rulemaking to remove the vacated and remanded $PM_{2.5}$ SILs and the vacated $PM_{2.5}$ SMC provisions from 40 CFR 51.166 and 52.21. *See* 78 FR 73698.

KAR 51:001, 401 KAR 51:017 and 401 KAR 51:052, and to convert multiple conditional approvals for the Commonwealth's infrastructure SIP for the 1997 and 2006 $PM_{2.5}$, and 2008 8-hour Ozone NAAQS. *See* 79 FR 42745. Comments on the proposed rulemaking were due on or before August 22, 2014. No comments, adverse or otherwise, were received on EPA's July 23, 2014, proposed rulemaking. Pursuant to section 110 of the CAA, EPA is now taking final action to approve the changes to the Commonwealth's NSR program as provided in EPA's July 23, 2014, proposed rulemaking. EPA's July 23, 2014, proposed rulemaking contains more detailed information regarding the Commonwealth's SIP revision being approved today, and the rationale for today's final action. Detailed information regarding the $PM_{2.5}$ NAAQS and NSR Program can also be found in EPA's July 23, 2014, proposed rulemaking as well as the aforementioned final rulemakings. *See* 79 FR 42745 (July 23, 2014), 73 FR 28321 (May 16, 2008) and 75 FR 64864 (October 20, 2010), respectively.

A. NSR $PM_{2.5}$ Implementation Rule

On May 16, 2008, EPA finalized the NSR $PM_{2.5}$ Rule to implement the $PM_{2.5}$ NAAQS for the NSR permitting program. *See* 73 FR 28321. The NSR $PM_{2.5}$ Rule revised the Federal NSR program requirements to establish the framework for implementing preconstruction permit review for the $PM_{2.5}$ NAAQS in both attainment areas and nonattainment areas (NAAs) that: (1) Required NSR permits to address directly emitted $PM_{2.5}$ and certain precursor pollutants; (2) established significant emission rates for direct $PM_{2.5}$ and precursor pollutants (including sulfur dioxide (SO_2) and nitrogen oxides (NOx)); (3) established NNSR $PM_{2.5}$ emission offsets; and (4) required states to account for gases that condense to form particles (condensables) in $PM_{2.5}$ and PM_{10} applicability determinations and emission limits in PSD and NNSR permits; and (5) provided a grandfathering provision in the federal program for certain pending $PM_{2.5}$ permit applications. Additionally, the NSR $PM_{2.5}$ Rule authorized states to adopt provisions in their NNSR rules that would allow interpollutant offset trading.[2] The Commonwealth's January 31, 2013, SIP revision addresses a portion of the PSD and NNSR provisions established in EPA's May 16, 2008 NSR $PM_{2.5}$ Rule.

1. $PM_{2.5}$ Implementation Rule(s) Litigation

On January 4, 2013, the United States Court of Appeals for the District of Columbia Circuit issued a judgment[3] that remanded EPA's April 25, 2007[4] and May 16, 2008 $PM_{2.5}$ implementation rules implementing the 1997 $PM_{2.5}$ NAAQS. *See Natural Resources Defense Council* v. *EPA*, 706 F.3d 428 (D.C. Cir. 2013). The court found that because the statutory definition of PM_{10} (see section 302(t) of the CAA) included particulate matter with an aerodynamic diameter less than or equal to 10 micrometers, it necessarily includes $PM_{2.5}$. EPA had developed the 2007 and 2008 (or NSR $PM_{2.5}$ Rule) rules consistent with the general NAA requirements of subpart 1 of Part D, title I, of the CAA. Relative to subpart 1, subpart 4 of Part D, title I includes additional provisions that apply to PM_{10} NAA and is more specific about what states must do to bring areas into attainment. In particular, subpart 4 includes section 189(e) of the CAA, which requires the control of major stationary sources of PM_{10} precursors (and hence under the court decision, $PM_{2.5}$ precursors) "except where the Administrator determines that such sources do not contribute significantly to PM_{10} levels which exceed the standard in the area." The court ordered EPA to repromulgate the implementation rules pursuant to subpart 4.

Subpart 4 pertains exclusively to particulate matter NAA, and the Court did not address EPA's implementation of the $PM_{2.5}$ NAAQS under part C or the PSD program. Thus, EPA does not interpret the court's decision as affecting implementation of the PSD requirements established in the May 16, 2008 NSR $PM_{2.5}$ Rule and does not anticipate the need to revise any PSD requirements promulgated in the NSR $PM_{2.5}$ Rule in order to comply with the court's decision.

On June 2, 2014, EPA published a final rule[5] which, in part, sets a December 31, 2014 deadline for states to make any remaining required attainment-related and NNSR SIP submissions, pursuant to and considering the application of subpart 4. *See* 79 FR 31566. The Court's January 4, 2013 decision can be found in the docket for today's final rulemaking using Docket ID: EPA–R04–OAR–2013–0486.

2. "Condensable PM" Correction

In the NSR $PM_{2.5}$ Rule, EPA revised the definition of "*regulated NSR pollutant*" for PSD to add a paragraph providing that "particulate matter (PM) emissions, $PM_{2.5}$ emissions and PM_{10} emissions shall include gaseous emissions from a source or activity which condense to form particulate matter at ambient temperatures" and that on or after January 1, 2011, "such condensable particulate matter shall be accounted for in applicability determinations and in establishing emissions limitations for PM, $PM_{2.5}$ and PM_{10} in permits." *See* 73 FR 28321 at 28348. A similar paragraph added to the NNSR rule does not include "particulate matter (PM) emissions." *See* 40 CFR 51.165(a)(1)(xxxvii)(D).

On October 25, 2012, EPA took final action to amend the definition of "*regulated NSR pollutant*" promulgated in the NSR $PM_{2.5}$ Rule regarding the PM condensable provision at 40 CFR 51.166(b)(49)(vi), 52.21(b)(50)(i) and EPA's Emissions Offset Interpretative Ruling. *See* 77 FR 65107. The rulemaking removed the inadvertent requirement in the NSR $PM_{2.5}$ Rule that the measurement of condensable particulate matter be included as part of the measurement and regulation of "*particulate matter emissions.*" The term "*particulate matter emissions*"

[2] The Commonwealth's January 31, 2013 SIP submission did not adopt the NNSR interpollutant offset trading provisions EPA codified at 51.165(a)(11). The preferred trading ratios announced in the rule preamble were the subject of a petition to reconsider which was granted by the Administrator. As a result of the reconsideration, EPA issued a memorandum on June 20, 2011, providing that the ratios were no longer supported by the agency as being presumptively approvable for adoption in SIP's containing NNSR programs for $PM_{2.5}$. *See* EPA's June 20, 2011 Memorandum entitled "Revised Policy to Address Reconsideration of Interpollutant Trading Provisions for Fine Particles ($PM_{2.5}$)" at *http://www.epa.gov/nsr/guidance.html.*

[3] The Natural Resources Defense Council, Sierra Club, American Lung Association, and Medical Advocates for Healthy Air challenged before the D.C Circuit EPA's April 25, 2007 (72 FR 20586) Rule entitled "Clean Air Fine Particle Implementation Rule," that established detailed implementation regulations to assist states with the development of SIPs to demonstrate attainment for the 1997 annual and 24-hour $PM_{2.5}$ NAAQS and the separate May 16, 2008 NSR $PM_{2.5}$ Rule (the subject of today's proposed rulemaking). Today's final rulemaking only pertains to the impacts of the court's decision on the May 16, 2008 NSR $PM_{2.5}$ Rule and not the April 25, 2007 implementation rule as the Commonwealth's January 31, 2013 SIP revision adopts the NSR permitting provisions established in the NSR $PM_{2.5}$ Rule.

[4] "Clean Air Fine Particle Implementation Rule" (hereafter referred to as the 2007 Rule); Final Rule, 72 FR 20586 (April 25, 2007).

[5] The final rule is entitled "Identification of Nonattainment Classification and Deadlines for Submission of State Implementation Plan (SIP) Provisions for the 1997 Fine Particle ($PM_{2.5}$) National Ambient Air Quality Standard (NAAQS) and 2006 $PM_{2.5}$ NAAQS." This final rule also identifies the initial classification of current 1997 and 2006 $PM_{2.5}$ nonattainment areas as moderate and the EPA guidance and relevant rulemakings that are currently available regarding implementation of subpart 4 requirements.

includes filterable particles that are larger than $PM_{2.5}$ or PM_{10} and is an indicator measured under various New Source Performance Standards (NSPS) (40 CFR part 60).[6] The Commonwealth's January 31, 2013 SIP revision adopts EPA's definition for *"regulated NSR pollutant"* requiring states to consider condensables (at 40 CFR 51.166(b)(49)(vi)), excluding the term *"particulate matter emissions."*

B. $PM_{2.5}$ PSD-Increment-SILs-SMC Rule

The October 20, 2010, final rulemaking established $PM_{2.5}$ increments pursuant to section 166(a) of the CAA to prevent significant deterioration of air quality in areas meeting the NAAQS. Today's action pertains only to the $PM_{2.5}$ increments (and relevant related implementing provisions) promulgated in the October 20, 2010, rule. The Commonwealth's January 31, 2013, SIP revision adopts the PSD increment provisions promulgated in the $PM_{2.5}$ PSD Increments-SILs-SMC Rule to be consistent with the Federal NSR regulations and to appropriately implement the Commonwealth's NSR program for the $PM_{2.5}$ NAAQS.

As established in part C of title I of the CAA, EPA's PSD program protects public health from adverse effects of air pollution by ensuring that construction of new or modified sources in attainment or unclassifiable areas does not lead to significant deterioration of air quality, while simultaneously ensuring that economic growth will occur in a manner consistent with preservation of clean air resources. Under section 165(a)(3) of the CAA, a PSD permit applicant must demonstrate that emissions from the proposed construction and operation of a facility "will not cause, or contribute to, air pollution in excess of any maximum allowable increase or allowable concentration for any pollutant." In other words, when a source applies for a permit to emit a regulated pollutant in an area that is designated as attainment or unclassifiable for a NAAQS, the state and EPA must determine if emissions of the regulated pollutant from the source will cause significant deterioration in air quality. Significant deterioration occurs when the amount of the new pollution exceeds the applicable PSD increment, which is the "maximum allowable increase" of an air pollutant allowed to occur above the applicable baseline concentration [7] for that pollutant.[8]

As described in the $PM_{2.5}$ PSD Increments-SILs-SMC Rule, and pursuant to the authority under section 166(a) of the CAA, EPA promulgated numerical increments for $PM_{2.5}$ as a new pollutant [9] for which NAAQS were established after August 7, 1977,[10] and derived 24-hour and annual $PM_{2.5}$ increments for the three area classifications (Class I, II and III). *See* 75 FR 64864 at 64869 and the ambient air increment table at 40 CFR 51.166(c)(1) and 52.21(c). In addition to establishing PSD increments for the $PM_{2.5}$ NAAQS, the $PM_{2.5}$ PSD Increments-SILs-SMC Rule amended the definition at 40 CFR 51.166 and 52.21 for "major source baseline date" and "minor source baseline date" (including trigger dates) to establish the $PM_{2.5}$ NAAQS specific dates associated with the implementation of $PM_{2.5}$ PSD increments. *See* 75 FR 64864. As discussed above, the Commonwealth's January 31, 2013, SIP revision adopts the $PM_{2.5}$ PSD increment permitting requirements, including the implementing regulations discussed above, promulgated in the $PM_{2.5}$ PSD Increments-SILs-SMC Rule.

C. EPA's Conversion of Conditional Approvals for the Commonwealth's Infrastructure SIP

In addition to adopting required NSR permitting regulations for the implementation of the $PM_{2.5}$ NAAQS, the Commonwealth's January 31, 2013, SIP revision also satisfies EPA's conditional approval of the Commonwealth's 1997 annual and 2006 24-hour $PM_{2.5}$, and 2008 8-hour Ozone 110(a)(2) infrastructure SIPs [11] with respect to the PSD-related requirements [12] of sections 110(a)(2)(C), 110(a)(2)(D)(i)(II) (prong 3) and 110(a)(2)(J) of the CAA. Kentucky submitted multiple SIP submissions to EPA for approval to address the 110(a)(2) infrastructure SIP requirements for the 1997 annual and 2006 24-hour $PM_{2.5}$ NAAQS (August 26, 2008 and July 17, 2012, respectively), and the 2008 8-hour Ozone NAAQS (July 7, 2012).

On July 3, 2012, Kentucky submitted a letter requesting that EPA conditionally approve the Commonwealth's infrastructure SIP submissions with respect to PSD-related requirements for sections 110(a)(2)(C) and 110(a)(2)(J) for the 1997 and 2006 $PM_{2.5}$ NAAQS.[13] Additionally, the

[6] In addition to the NSPS for PM, it is noted that states regulated "particulate matter emissions" for many years in their SIPs for PM, and the same indicator has been used as a surrogate for determining compliance with certain standards contained in 40 CFR part 63, regarding National Emission Standards for Hazardous Air Pollutants.

[7] Section 169(4) of the CAA provides that the baseline concentration of a pollutant for a particular baseline area is generally the air quality at the time of the first application for a PSD permit in the area.

[8] For purposes of calculating increment consumption, a baseline area for a particular pollutant includes the attainment or unclassifiable area in which the source is located as well as any other attainment or unclassifiable area in which the source's emissions of that pollutant are projected (by air quality modeling) to result in an ambient pollutant increase of at least 1 microgram per meter cubed ($\mu g/m^3$) (annual average). *See* 40 CFR 52.21(b)(15)(i).

[9] EPA generally characterized the $PM_{2.5}$ NAAQS as a NAAQS for a new indicator of PM. EPA did not replace the PM_{10} NAAQS with the NAAQS for $PM_{2.5}$ when the $PM_{2.5}$ NAAQS were promulgated in 1997. EPA rather retained the annual and 24-hour NAAQS for PM_{10} (retaining PM_{10} as an indicator of coarse particulate matter),and treated $PM_{2.5}$ as a new pollutant for purposes of developing increments even though EPA had already developed air quality criteria for PM generally. *See* 75 FR 64864 (October 20, 2010).

[10] EPA interprets section 166(a) to authorize EPA to promulgate pollutant-specific PSD regulations meeting the requirements of section 166(c) and 166(d) for any pollutant for which EPA promulgates a NAAQS after 1977.

[11] The CAA requires that each state adopt and submit a SIP for the implementation, maintenance, and enforcement of each NAAQS promulgated by EPA, which is commonly referred to as an "infrastructure" SIP. Pursuant to section 110(a)(1) of the CAA, states are required to submit SIPs meeting the applicable requirements of section 110(a)(2) within three years after promulgation of a new or revised NAAQS or within such shorter period as EPA may prescribe. On July 18, 1997, EPA promulgated the primary 1997 annual and 24-hour $PM_{2.5}$ NAAQS as 15 $\mu g/m^3$ and 65 $\mu g/m^3$ respectively. *See* 62 FR 38652. On October 17, 2006, EPA strengthened the 24-hour $PM_{2.5}$ NAAQS to 35 $\mu g/m^3$. *See* 71 FR 61144. On March 27, 2008, EPA revised the NAAQS for ozone based on an 8-hour average concentrations to 0.075 parts per million (ppm). *See* 73 FR 16436.

[12] There are four separate PSDrelated rulemakings that states are required to adopt and have approved into their SIP in order to maintain a comprehensive SIP-approved PSD permitting program and comply with the PSD and enforcement requirements of 110(a)(2) infrastructure requirements for sections 110(a)(2)(C), (D)(i)(II) and (J) of the CAA. These include: 1) "Final Rule To Implement the 8-Hour Ozone National Ambient Air Quality Standard—Phase 2 Rule; Final Rule" (which codified NOx as an ozone precursor for NSR) (70 FR 71612, November 29, 2005); 2) "Prevention of Significant Deterioration and Title V Greenhouse Gas Tailoring Rule; Final Rule" (75 FR 31514, June 3, 2010) (as consistent with the Supreme Court's decision in *Utility Air Regulatory Group v. Environmental Protection Agency*, 134 S. Ct. 2427 (June 23, 2014)); 3) the NSR $PM_{2.5}$ Rule and; 4) the $PM_{2.5}$ PSD Increment-SILs-SMC Rule (only as it relates to $PM_{2.5}$ Increments). *See* 77 FR 46352 (August 3, 2012), 78 FR 3867 (January 17, 2013) and 77 FR 72291 (December. 5, 2012). Kentucky's January 31, 2013 submission satisfies two of the four required PSD rulemakings mentioned above including the 2008 NSR $PM_{2.5}$ Rule and the $PM_{2.5}$ Increments-SILs-SMC Rule (only as it relates to the PSD increments). EPA approved the remaining PSD requirements for the Greenhouse Gas Tailoring Rule and the Phase 2 Rule on December 29, 2010 (75 FR 81868) and on September 15, 2010 (75 FR 55988), respectively.

[13] EPA also relied upon Kentucky's July 3, 2012 commitment to address the PSD-related requirements as the basis for conditionally approving the Commonwealth's 1997 and 2006 $PM_{2.5}$ NAAQS infrastructure SIPs as they relate to section 110(a)(2)(D)(i)(II). *See* 78 FR 18241 (March

Continued

Commonwealth submitted another correspondence on December 19, 2012, requesting conditional approval for PSD-related requirements of sections 110(a)(2)(C), 110(a)(2)(D)(i)(II) and 110(a)(2)(J) for the 2008 lead and 2008 8-hour Ozone NAAQS infrastructure submissions.[14] Both letters documented the Commonwealth's commitment to adopt and submit the PSD-related provisions needed to comply with sections 110(a)(2)(C), 110(a)(2)(D)(i)(II) (prong 3) and 110(a)(2)(J) all in accordance with section 110(k)(4) of the CAA to ensure a comprehensive PSD program.

EPA took action to approve in part and conditionally approve in part portions of the Commonwealth's infrastructure SIP submissions for the 1997 and 2006 $PM_{2.5}$ NAAQS on October 3, 2012, and March 26, 2013, and for the 2008 8-hour ozone NAAQS on March 7, 2013. *See* 77 FR 60307, 78 FR 18241, and 78 FR 14681, respectively. The Commonwealth's January 31, 2013, SIP revision satisfies the conditions listed in EPA's previous conditional approvals for the infrastructure submissions.

II. This Action

EPA is taking final action to approve into the Kentucky SIP the Commonwealth's January 31, 2013, SIP revision, which adopts the NSR permitting regulations to implement the NSR program for the $PM_{2.5}$ NAAQS. Specifically, the Commonwealth adopts the federal NSR permitting requirements as promulgated in the NSR $PM_{2.5}$ Rule and PSD Increment-SILs-SMC Rule (40 CFR 51.165 and 51.166) at regulations 401 KAR 51:001, 51:017, and 51:052 into the Kentucky SIP. With respect to the NSR $PM_{2.5}$ Rule, the Commonwealth adopts the following: (1) the requirement for PSD and NNSR permits to address directly emitted $PM_{2.5}$ and precursor pollutants (sulfur dioxide (SO_2) and nitrogen oxides (NO_X) (as codified at 40 CFR 51.165(a)(1)(xxxvii)(C) and 51.166(b)(49)); (2) the significant emission rates for direct $PM_{2.5}$ and precursor pollutants (SO_2 and NOx) (as codified at 40 CFR 51.165(a)(1)(x)(A) and 51.166(b)(23)(i)); (3) the NNSR $PM_{2.5}$ emission offsets (as codified at 51.165(9)(i)), and (4) the PSD and NNSR requirement that condensable PM_{10} and $PM_{2.5}$ emissions be accounted for in PSD applicability determinations and in establishing emissions limitations for permitting (as codified at 40 CFR 51.165(a)(1)(xxxvii)(D) and 51.166(b)(49)).

With respect to the PSD Increment-SILs-SMC Rule, the Commonwealth's January 31, 2013, SIP revision adopts the PSD increments for $PM_{2.5}$ annual and 24-hour NAAQS pursuant to section 166(a) of the CAA. Specifically, the SIP revision changes include: 1) the $PM_{2.5}$ increments as promulgated at 40 CFR 51.166(c)(1) and (p)(4) (for Class I Variances); and 2) amendments to the terms "*major source baseline date*" (at 40 CFR 51.166(b)(14)(i)(c)), "*minor source baseline date*" (including establishment of the "trigger date") (at section 51.166(b)(14)(ii)) and "*baseline area*" (as amended at 51.166(b)(15)(i)). As discussed above, on July 22, 2014, Kentucky submitted a letter to EPA withdrawing the $PM_{2.5}$ SILs and SMC provisions promulgated in the $PM_{2.5}$ PSD Increments-SILs-SMC Rule and later vacated by the DC Circuit Court of Appeals (*See Sierra Club,* 705 F.3d at 458). Therefore, these provisions are no longer before EPA for consideration.

As discussed above in section I, the DC Circuit in *Natural Resources Defense Council* v. *EPA* issued a decision that remanded the EPA's NSR $PM_{2.5}$ Rule implementing the 1997 $PM_{2.5}$ NAAQS. The court found that EPA erred in implementing the $PM_{2.5}$ NAAQS in these rules solely pursuant to the general implementation provisions of subpart 1 of part D of title I of the Clean Air Act, rather than pursuant to the additional implementation provisions specific to particulate matter nonattainment areas in subpart 4. On June 2, 2014, the EPA issued a final rulemaking that begins to address the remand. *See* 79 FR 31566. Upon its effective date, the final rule classifies all existing $PM_{2.5}$ nonattainment areas as "Moderate" nonattainment areas and sets a deadline of December 31, 2014, for states to submit any SIP submissions, including NNSR SIPs, that may be necessary to satisfy the requirements of subpart 4, part D, title I of the CAA with respect to $PM_{2.5}$ nonattainment areas.[15]

Kentucky's submission does not include the regulation of volatile organic compounds (VOCs) and ammonia as $PM_{2.5}$ precursors, nor does it include a demonstration consistent with section 189(e) showing that major sources of those precursor pollutants would not contribute significantly to $PM_{2.5}$ levels exceeding the standard in the area. Therefore, EPA cannot conclude at this time that this part of Kentucky's NNSR submission of revisions to Chapters 51:001 and 51:052 satisfies all of the requirements of subpart 4 as they pertain to $PM_{2.5}$ NNSR permitting. Although the revisions to Kentucky's NNSR regulations at Chapters 51:001 and 51:052 may not contain all of the necessary elements to satisfy the CAA requirements when evaluated under the subpart 4 provisions, the revisions themselves represent a strengthening of the currently-approved Kentucky NNSR SIP which does not address $PM_{2.5}$ at all. As a result of the June 2, 2014 (79 FR 31566) final rule, Kentucky has until December 31, 2014, to make any additional submission necessary to address the requirements of subpart 4, including addressing the $PM_{2.5}$ precursors of VOC and ammonia for NNSR permitting purposes. Therefore, EPA is approving the NNSR revisions to Kentucky's NNSR permitting program without listing the absence of either the regulation or evaluation of VOCs and ammonia as $PM_{2.5}$ precursors as a deficiency at this time.

Finally, as discussed in section I above and in EPA's proposed action (*See* 79 FR 42745, July 23, 2014), Kentucky's January 31, 2013, SIP revision also satisfies the conditions listed in EPA's previous conditional approvals for the Commonwealth's 2008 8-hour ozone, and 1997 annual and 2006 24-hour $PM_{2.5}$ NAAQS infrastructure SIP submissions. Therefore, EPA is taking final action to convert its conditional approvals with respect to the PSD-related requirements of sections 110(a)(2)(C), 110(a)(2)(D)(i)(II) and 110(a)(2)(J) to full approvals. Given that the Commonwealth's January 31, 2013, SIP revision fulfills the conditional approval requirements for conversion to a full approval, the conditional approval language at section 52.919(a)–(c) of 40 CFR part 52, included in EPA's final conditional approvals published on October 3, 2012 (77 FR 60307), March 7, 2013 (78 FR 14681) and March 26, 2013 (78 FR 18241) is no longer necessary. This action removes the

26, 2013). EPA had already conditionally approved the Commonwealth's infrastructure SIPs for the 1997 and 2006 $PM_{2.5}$ NAAQS for the PSD-related requirements related to sections 110(a)(2)(C) and (J) on October 3, 2012. *See* 77 FR 60307.

[14] EPA has not taken action on the Commonwealth's 2008 lead infrastructure SIP submission but will consider the action in a separate rulemaking.

[15] EPA set a deadline of December 31, 2014, for the states to submit any additional attainment related SIP elements that may be needed to meet the applicable requirements of subpart 4 for areas currently designated nonattainment for the 1997 and/or 2006 $PM_{2.5}$ NAAQS, and to submit SIPs addressing the NNSR requirements in subpart 4. EPA believes that this period provides a relatively brief but reasonable amount of time for states to ascertain whether and to what extent any additional submissions are needed for a particular 1997 or 2006 $PM_{2.5}$ NAAQS nonattainment area, and to develop, adopt and submit any such SIPs.

conditional approval language at 40 CFR 52.919, with the approval of the Commonwealth's January 31, 2013, SIP revision, to reflect that the infrastructure SIPs for the Commonwealth's 2008 8-hour ozone, and 1997 annual and 2006 24-hour $PM_{2.5}$ NAAQS have been fully approved.

III. Final Action

EPA is taking final action to approve the Commonwealth of Kentucky's January 31, 2013, SIP revision adopting Federal regulations amended in the May 16, 2008, NSR $PM_{2.5}$ Rule and the October 20, 2010, $PM_{2.5}$ PSD Increment-SILs-SMC rule. EPA is approving these revisions into the Kentucky SIP because they are consistent with section 110 of the CAA and its implementing regulations. Final approval of the Commonwealth's January 31, 2013, SIP also satisfies the requirements upon which EPA conditionally approved several Kentucky infrastructure requirements related to the 1997 and 2006 $PM_{2.5}$ and the 2008 8-hour ozone NAAQS. Accordingly, EPA is also taking final action today to convert EPA's previous conditional approval of the Commonwealth's infrastructure requirements related to PSD requirements for the $PM_{2.5}$ and ozone NAAQS to a full approval.

IV. Statutory and Executive Order Reviews

Under the CAA, the Administrator is required to approve a SIP submission that complies with the provisions of the Act and applicable federal regulations. 42 U.S.C. 7410(k); 40 CFR 52.02(a). Thus, in reviewing SIP submissions, EPA's role is to approve state choices, provided that they meet the criteria of the CAA. Accordingly, this action merely approves state law as meeting federal requirements and does not impose additional requirements beyond those imposed by state law. For that reason, this action:

- Is not a "significant regulatory action" subject to review by the Office of Management and Budget under Executive Order 12866 (58 FR 51735, October 4, 1993);
- does not impose an information collection burden under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 *et seq.*);
- is certified as not having a significant economic impact on a substantial number of small entities under the Regulatory Flexibility Act (5 U.S.C. 601 *et seq.*);
- does not contain any unfunded mandate or significantly or uniquely affect small governments, as described in the Unfunded Mandates Reform Act of 1995 (Pub. L. 104–4);
- does not have Federalism implications as specified in Executive Order 13132 (64 FR 43255, August 10, 1999);
- is not an economically significant regulatory action based on health or safety risks subject to Executive Order 13045 (62 FR 19885, April 23, 1997);
- is not a significant regulatory action subject to Executive Order 13211 (66 FR 28355, May 22, 2001);
- is not subject to requirements of Section 12(d) of the National Technology Transfer and Advancement Act of 1995 (15 U.S.C. 272 note) because application of those requirements would be inconsistent with the CAA; and
- does not provide EPA with the discretionary authority to address, as appropriate, disproportionate human health or environmental effects, using practicable and legally permissible methods, under Executive Order 12898 (59 FR 7629, February 16, 1994).

The SIP is not approved to apply on any Indian reservation land or in any other area where EPA or an Indian tribe has demonstrated that a tribe has jurisdiction. In those areas of Indian country, the rule does not have tribal implications as specified by Executive Order 13175 (65 FR 67249, November 9, 2000), nor will it impose substantial direct costs on tribal governments or preempt tribal law.

The Congressional Review Act, 5 U.S.C. 801 *et seq.*, as added by the Small Business Regulatory Enforcement Fairness Act of 1996, generally provides that before a rule may take effect, the agency promulgating the rule must submit a rule report, which includes a copy of the rule, to each House of the Congress and to the Comptroller General of the United States. EPA will submit a report containing this action and other required information to the U.S. Senate, the U.S. House of Representatives, and the Comptroller General of the United States prior to publication of the rule in the **Federal Register**. A major rule cannot take effect until 60 days after it is published in the **Federal Register**. This action is not a "major rule" as defined by 5 U.S.C. 804(2).

Under section 307(b)(1) of the CAA, petitions for judicial review of this action must be filed in the United States Court of Appeals for the appropriate circuit by January 2, 2015. Filing a petition for reconsideration by the Administrator of this final rule does not affect the finality of this action for the purposes of judicial review nor does it extend the time within which a petition for judicial review may be filed, and shall not postpone the effectiveness of such rule or action. This action may not be challenged later in proceedings to enforce its requirements. *See* section 307(b)(2).

List of Subjects in 40 CFR Part 52

Environmental protection, Air pollution control, Incorporation by reference, Intergovernmental relations, Nitrogen oxides, Particulate matter, Reporting and recordkeeping requirements.

Dated: October 22, 2014.

Heather McTeer Toney,

Regional Administrator, Region 4.

40 CFR part 52 is amended as follows:

PART 52–APPROVAL AND PROMULGATION OF PLANS

■ 1. The authority citation for part 52 continues to read as follows:

Authority: 42.U.S.C. 7401 *et seq.*

Subpart S—Kentucky

§ 52.919 [Removed and Reserved]

■ 2. Section 52.919 is removed and reserved.

■ 3. Section 52.920(c) is amended by revising the entries for 401 KAR 51:001, 401 KAR 51:017 and 401 KAR 51:052 to read as follows:

§ 52.920 Identification of plan.

* * * * *

(c) * * *

TABLE 1—EPA APPROVED KENTUCKY REGULATIONS

State citation	Title/subject	State effective date	EPA approval date	Explanation
*	*	*	*	*
401 KAR 51:001	Definitions for 401 KAR Chapter 51.	12/7/2012	11/3/14 [Insert **Federal Register** Citation].	

TABLE 1—EPA APPROVED KENTUCKY REGULATIONS—Continued

State citation	Title/subject	State effective date	EPA approval date	Explanation
*	*	*	*	*
401 KAR 51:017	Prevention of significant deterioration of air quality.	12/7/2012	11/3/14 [Insert **Federal Register** Citation].	With the exception of the SILs and SMC provisions for $PM_{2.5}$.
401 KAR 51:052	Review of new sources in or impacting upon nonattainment areas.	12/7/2012	11/3/14 [Insert **Federal Register** Citation].	With the exception of the SILs and SMC provisions for $PM_{2.5}$.
*	*	*	*	*

* * * * *

[FR Doc. 2014–25950 Filed 10–31–14; 8:45 am]

BILLING CODE 6560–50–P

DEPARTMENT OF HOMELAND SECURITY

Federal Emergency Management Agency

44 CFR Part 64

[Docket ID FEMA–2014–0002; Internal Agency Docket No. FEMA–8357]

Suspension of Community Eligibility

AGENCY: Federal Emergency Management Agency, DHS.

ACTION: Final rule.

SUMMARY: This rule identifies communities where the sale of flood insurance has been authorized under the National Flood Insurance Program (NFIP) that are scheduled for suspension on the effective dates listed within this rule because of noncompliance with the floodplain management requirements of the program. If the Federal Emergency Management Agency (FEMA) receives documentation that the community has adopted the required floodplain management measures prior to the effective suspension date given in this rule, the suspension will not occur and a notice of this will be provided by publication in the **Federal Register** on a subsequent date. Also, information identifying the current participation status of a community can be obtained from FEMA's Community Status Book (CSB). The CSB is available at *http://www.fema.gov/fema/csb.shtm.*

DATES: *Effective Dates:* The effective date of each community's scheduled suspension is the third date ("Susp.") listed in the third column of the following tables.

FOR FURTHER INFORMATION CONTACT: If you want to determine whether a particular community was suspended on the suspension date or for further information, contact David Stearrett, Federal Insurance and Mitigation Administration, Federal Emergency Management Agency, 500 C Street SW., Washington, DC 20472, (202) 646–2953.

SUPPLEMENTARY INFORMATION: The NFIP enables property owners to purchase Federal flood insurance that is not otherwise generally available from private insurers. In return, communities agree to adopt and administer local floodplain management measures aimed at protecting lives and new construction from future flooding. Section 1315 of the National Flood Insurance Act of 1968, as amended, 42 U.S.C. 4022, prohibits the sale of NFIP flood insurance unless an appropriate public body adopts adequate floodplain management measures with effective enforcement measures. The communities listed in this document no longer meet that statutory requirement for compliance with program regulations, 44 CFR Part 59. Accordingly, the communities will be suspended on the effective date in the third column. As of that date, flood insurance will no longer be available in the community. We recognize that some of these communities may adopt and submit the required documentation of legally enforceable floodplain management measures after this rule is published but prior to the actual suspension date. These communities will not be suspended and will continue to be eligible for the sale of NFIP flood insurance. A notice withdrawing the suspension of such communities will be published in the **Federal Register**.

In addition, FEMA publishes a Flood Insurance Rate Map (FIRM) that identifies the Special Flood Hazard Areas (SFHAs) in these communities. The date of the FIRM, if one has been published, is indicated in the fourth column of the table. No direct Federal financial assistance (except assistance pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act not in connection with a flood) may be provided for construction or acquisition of buildings in identified SFHAs for communities not participating in the NFIP and identified for more than a year on FEMA's initial FIRM for the community as having flood-prone areas (section 202(a) of the Flood Disaster Protection Act of 1973, 42 U.S.C. 4106(a), as amended). This prohibition against certain types of Federal assistance becomes effective for the communities listed on the date shown in the last column. The Administrator finds that notice and public comment procedures under 5 U.S.C. 553(b), are impracticable and unnecessary because communities listed in this final rule have been adequately notified.

Each community receives 6-month, 90-day, and 30-day notification letters addressed to the Chief Executive Officer stating that the community will be suspended unless the required floodplain management measures are met prior to the effective suspension date. Since these notifications were made, this final rule may take effect within less than 30 days.

National Environmental Policy Act. This rule is categorically excluded from the requirements of 44 CFR Part 10, Environmental Considerations. No environmental impact assessment has been prepared.

Regulatory Flexibility Act. The Administrator has determined that this rule is exempt from the requirements of the Regulatory Flexibility Act because the National Flood Insurance Act of 1968, as amended, Section 1315, 42 U.S.C. 4022, prohibits flood insurance coverage unless an appropriate public body adopts adequate floodplain management measures with effective enforcement measures. The communities listed no longer comply with the statutory requirements, and after the effective date, flood insurance will no longer be available in the communities unless remedial action takes place.

APPENDIX A-5
80 FR 39961
July 13, 2015

safety zone will be enforced from 10 p.m. to 10:30 p.m. on July 5, 2015.

(15) *Tawas City 4th of July Fireworks, Tawas City, MI.* The safety zone listed in 33 CFR 165.941(a)(47), all U.S. waters of Lake Huron, within a 300 yard radius of position 44°16′ N, 083°30′ W, 2000 feet west of the State Dock in East Tawas, will be enforced from 10 p.m. to 11 p.m. on July 4, 2015. In the case of inclement weather on July 4 2015, this safety zone will be enforced from 10 p.m. to 11 p.m. on July 5, 2015.

(16) *Marine City Maritime Festival Fireworks, Marine City, MI.* The safety zone listed in 33 CFR 165.941(a)(13), all waters of the St. Clair River within a 500 foot radius of the fireworks launch site located at position 42°43.15 N, 082°29.2 W, approximately 500 feet offshore from the intersection of Pearl St. and N. Water St, will be enforced from 10 p.m. to 10:30 p.m. on July 31, 2015. In the case of inclement weather on July 31, 2015, this safety zone will be enforced from 10 p.m. to 10:30 p.m. on August 1, 2015.

Under the provisions of 33 CFR 165.23, entry into, transiting, or anchoring within these safety zones during the enforcement period is prohibited unless authorized by the Captain of the Port Detroit or his designated representative. Vessels that wish to transit through the safety zones may request permission from the Captain of the Port Detroit or his designated representative. Requests must be made in advance and approved by the Captain of Port before transits will be authorized. Approvals will be granted on a case by case basis. The Captain of the Port may be contacted via U.S. Coast Guard Sector Detroit on channel 16, VHF–FM. The Coast Guard will give notice to the public via Local Notice to Mariners and VHF radio broadcasts that the regulation is being enforced.

This document is issued under authority of 33 CFR 165.941 and 5 U.S.C. 552 (a). If the Captain of the Port determines that any of these safety zones need not be enforced for the full duration stated in this document, he may suspend such enforcement and notify the public of the suspension via a Broadcast Notice to Mariners.

Dated: June 29, 2015.

Scott B. Lemasters,

Captain, U. S. Coast Guard, Captain of the Port Detroit.

[FR Doc. 2015–17126 Filed 7–10–15; 8:45 am]

BILLING CODE 9110–04–P

DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 165

[Docket No. USCG–2015–0530]

RIN 1625–AA00

Safety Zone; Annual Events Requiring Safety Zones in the Captain of the Port Lake Michigan Zone-Sturgeon Bay Yacht Club Evening on the Bay Fireworks

AGENCY: Coast Guard, DHS.

ACTION: Notice of enforcement of regulation.

SUMMARY: The Coast Guard will enforce the safety zone on the waters of Sturgeon Bay in Sturgeon Bay, WI for the Evening on the Bay Fireworks. This zone will be enforced from 8:30 p.m. until 10:30 p.m. on August 8, 2015. This action is necessary and intended to ensure safety of life on navigable waters immediately prior to, during, and immediately after the fireworks display. During the aforementioned period, the Coast Guard will enforce restrictions upon, and control movement of, vessels in the safety zone. No person or vessel may enter the safety zone while it is being enforced without permission of the Captain of the Port Lake Michigan or a designated representative.

DATES: The regulations in 33 CFR 165.929 will be enforced for safety zone (f)(5), Table 165.929, from 8:30 p.m. until 10:30 p.m. on August 8, 2015.

FOR FURTHER INFORMATION CONTACT: If you have questions on this document, call or email MST1 Joseph McCollum, Prevention Department, Coast Guard Sector Lake Michigan, Milwaukee, WI at (414) 747–7148, email *joseph.p.mccollum@uscg.mil.*

SUPPLEMENTARY INFORMATION:

The Coast Guard will enforce the Sturgeon Bay Yacht Club Evening on the Bay Fireworks safety zone listed as item (f)(5) in Table 165.929 of 33 CFR 165.929. Section 165.929 lists many annual events requiring safety zones in the Captain of the Port Lake Michigan zone. This safety zone will encompass all waters of Sturgeon Bay within the arc of a circle with a 280-foot radius from the fireworks launch site located on a barge in approximate position 44°49.310′ N., 087°21.370′ W. (NAD 83). This zone will be enforced from 8:30 p.m. until 10:30 p.m. on August 8, 2015.

All vessels must obtain permission from the Captain of the Port Lake Michigan or the on-scene representative to enter, move within, or exit the safety zone. Requests must be made in advance and approved by the Captain of the Port before transits will be authorized. Approvals will be granted on a case by case basis. Vessels and persons granted permission to enter the safety zone must obey all lawful orders or directions of the Captain of the Port Lake Michigan or a designated representative.

This document is issued under authority of 33 CFR 165.929, Safety Zones; Annual events requiring safety zones in the Captain of the Port Lake Michigan zone, and 5 U.S.C. 552(a). In addition to this publication in the **Federal Register**, the Coast Guard will provide the maritime community with advance notification for the enforcement of this zone via Broadcast Notice to Mariners or Local Notice to Mariners. The Captain of the Port Lake Michigan or an on-scene representative may be contacted via Channel 16, VHF–FM.

Dated: June 16, 2015.

A.B. Cocanour,

Captain, U.S. Coast Guard, Captain of the Port Lake Michigan.

[FR Doc. 2015–17125 Filed 7–10–15; 8:45 am]

BILLING CODE 9110–04–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA–HQ–OAR–2012–0943, FRL–9930–25–OAR]

Findings of Failure To Submit a Section 110 State Implementation Plan for Interstate Transport for the 2008 National Ambient Air Quality Standards for Ozone

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: The Environmental Protection Agency (EPA) is taking final action finding that 24 states have failed to submit infrastructure State Implementation Plans (SIPs) to satisfy certain interstate transport requirements of the Clean Air Act (CAA) with respect to the 2008 8-hour ozone national ambient air quality standard (NAAQS). Specifically, these requirements pertain to significant contribution to nonattainment, or interference with maintenance, of the 2008 8-hour ozone NAAQS in other states. These findings of failure to submit establish a 2-year deadline for the EPA to promulgate a Federal Implementation Plan (FIP) to address the interstate transport SIP requirements pertaining to significant

contribution to nonattainment and interference with maintenance unless, prior to the EPA promulgating a FIP, the state submits, and the EPA approves, a SIP that meets these requirements.

DATES: Effective date of this action is August 12, 2015.

FOR FURTHER INFORMATION CONTACT: General questions concerning this document should be addressed to Mrs. Gobeail McKinley, Office of Air Quality Planning and Standards, Air Quality Policy Division, Mail Code C539–04, 109 TW Alexander Drive, Research Triangle Park, NC 27711; telephone (919) 541–5246; email: *mckinley.gobeail@epa.gov.*

SUPPLEMENTARY INFORMATION:

I. General Information

A. Notice and Comment Under the Administrative Procedures Act (APA)

Section 553 of the APA, 5 U.S.C. 553(b)(3)(B), provides that, when an agency for good cause finds that notice and public procedure are impracticable, unnecessary or contrary to the public interest, the agency may issue a rule without providing notice and an opportunity for public comment. The EPA has determined that there is good cause for making this rule final without prior proposal and opportunity for comment because no significant EPA judgment is involved in making a finding of failure to submit SIPs, or elements of SIPs, required by the CAA, where states have made no submissions or incomplete submissions, to meet the requirement. Thus, notice and public procedure are unnecessary. The EPA finds that this constitutes good cause under 5 U.S.C. 553(b)(3)(B).

B. How can I get copies of this document and other related information?

The EPA has established a docket for this action under Docket ID No. EPA–HQ–OAR–2012–0943. Publicly available docket materials are available either electronically through *https://www.regulations.gov* or in hard copy at the EPA Docket Center, EPA/DC, William Jefferson Clinton West Building, Room 3334, 1301 Constitution Avenue NW., Washington, DC. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566–1744 and the telephone number for the Office of Air and Radiation Docket and Information Center is (202) 566–1742.

C. How is the preamble organized?

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D. Where do I go if I have specific state questions?

The table below lists the states that failed to make an interstate transport SIP submittal addressing CAA section 110(a)(2)(D)(i)(I) requirements for the 2008 ozone NAAQS. For questions related to specific states mentioned in this document, please contact the appropriate EPA Regional Office:

Regional offices	States
EPA Region 1: Anne Arnold, Manager, Air Quality Planning Unit (OEP05–02), EPA Region I, 5 Post Office Square, Suite 100, Boston, MA 02109–3912. (617) 918–1047.	Maine, Massachusetts, New Hampshire, Vermont
EPA Region 3: Cristina Fernandez, Associate Director, Office of Air Program Planning (3AP30), Air Protection Division, EPA Region III, 1650 Arch Street, Philadelphia, PA 19103–2187. (215) 814–2178.	Pennsylvania, Virginia, West Virginia
EPA Region 4: R. Scott Davis, Chief, Air Planning & Implementation Branch, EPA Region IV, Sam Nunn Atlanta Federal Center, 61 Forsyth Street SW, 12th Floor, Atlanta, GA 30303. (404) 562–9127.	Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee
EPA Region 5: John Mooney, Air Program Branch Manager, Air Programs Branch, EPA Region 5, 77 West Jackson Street, Chicago, IL 60604–3590. (312) 886–6043.	Illinois, Michigan, Minnesota
EPA Region 6: Guy Donaldson, Chief, Air Planning Section, EPA Region VI, 1445 Ross Avenue, Dallas, TX 75202–2733. (214) 665–7242.	Arkansas, New Mexico, Oklahoma
EPA Region 7: Joshua A. Tapp, Branch Chief, Air Planning and Development Branch, EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219. (913) 551–7606.	Iowa, Kansas, Missouri
EPA Region 9: Matt Lakin, Air Program Manager, Air Planning Office, EPA Region 9, 75 Hawthorne Street, San Francisco, CA 94105. (415) 972–3851.	California

II. Background and Overview

A. Interstate Transport SIPs

The CAA section 110(a) imposes an obligation upon states to submit SIPs that provide for the implementation, maintenance and enforcement of a new or revised NAAQS within 3 years following the promulgation of that NAAQS. Section 110(a)(2) lists specific requirements that states must meet in these SIP submissions, as applicable. The EPA refers to this type of SIP submission as the "infrastructure" SIP because it ensures that states can implement, maintain and enforce the air standards. Within these requirements, section 110(a)(2)(D)(i) contains requirements to address interstate transport of NAAQS pollutants. A SIP revision submitted for this sub-section is referred to as an "interstate transport SIP." In turn, section 110(a)(2)(D)(i)(I) requires that such a plan contain adequate provisions to prohibit emissions from the state that will contribute significantly to nonattainment of the NAAQS in any other state ("prong 1") or interfere with maintenance of the NAAQS in any other state ("prong 2"). Interstate transport prongs 1 and 2, also called the "good neighbor" provisions, are the requirements relevant to this findings document.

Pursuant to CAA section 110(k)(1)(B), the EPA must determine no later than 6 months after the date by which a state is required to submit a SIP whether a state has made a submission that meets the minimum completeness criteria established per section 110(k)(1)(A). The EPA refers to the determination that a state has not submitted a SIP submission that meets the minimum completeness criteria as a "finding of failure to submit." If the EPA finds a state has failed to submit a SIP to meet its statutory obligation to address 110(a)(2)(D)(i)(I), pursuant to section 110(c)(1) the EPA has not only the authority, but the obligation, to promulgate a FIP within 2 years to address the CAA requirement. This finding therefore starts a 2-year clock for promulgation by the EPA of a FIP, in accordance with CAA section 110(c)(1), unless prior to such promulgation the state submits, and the EPA approves, a submittal from the state to meet the requirements of CAA section 110(a)(2)(D)(i)(I) for the 2008 8-hour ozone NAAQS. The EPA will work with states subject to these findings of failure to submit and provide assistance as necessary to help them develop approvable submittals in a timely manner. The EPA notes this action does not start a mandatory sanctions clock pursuant to CAA section 179 because this finding of failure to submit does not pertain to a part D plan for nonattainment areas required under CAA section 110(a)(2)(I) or a SIP call pursuant to CAA section 110(k)(5).

B. Background on 2008 Ozone NAAQS and Related Rulemakings

On March 12, 2008, the EPA strengthened the NAAQS for ozone.[1] The EPA revised the previous 8-hour primary ozone standard of 0.08 parts per millions (ppm) to 0.075 ppm. The EPA also revised the secondary 8-hour standard to the level of 0.075 ppm making it identical to the revised primary standard. Infrastructure SIPs addressing the revised standard were due March 12, 2011. In September 2009, the EPA announced it would reconsider the 2008 8-hour ozone NAAQS.[2] To reduce the workload for states during the interim period of reconsideration, the EPA also announced its intention to propose staying implementation of the 2008 ozone NAAQS for a number of the requirements. Then, on January 6, 2010, as part of its voluntary rulemaking on reconsideration, the EPA proposed to revise the 2008 NAAQS for ozone from 75 ppb to a level within the range of 60 to 70 ppb. *See* 75 FR 2938 (January 19, 2010). The EPA indicated its intent to issue final standards, based upon the reconsideration, by summer 2011.

On July 6, 2011, the EPA finalized the Cross-State Air Pollution Rule (CSAPR), 76 FR 48208, in response to the remand by the United States Court of Appeals for the District of Columbia Circuit (DC Circuit) of the EPA's earlier rule, the Clean Air Interstate Rule (CAIR).[3] *See North Carolina* v. *EPA,* 531 F.3d 896 (D.C. Cir. 2008), *modified by* 550 F.3d 1176 (remanding CAIR). CSAPR addresses ozone transport with respect to the 1997 ozone NAAQS, but does not address the 2008 ozone standard, because the 2008 ozone NAAQS was under reconsideration by the EPA during the analytical work for CSAPR.

On September 2, 2011, consistent with the direction of the President, the Administrator of the Office of Information and Regulatory Affairs of the Office of Management and Budget returned the draft final 2008 ozone NAAQS rule to the EPA for further consideration.[4] In view of this direction and the timing of the EPA's ongoing periodic review of the ozone NAAQS required under CAA section 109 (as announced on September 29, 2008), the EPA decided to coordinate further proceedings on its voluntary rulemaking on reconsideration of the 2008 ozone NAAQS with that ongoing periodic review, by deferring the completion of its voluntary rulemaking on reconsideration until it completed its statutorily-required periodic review.[5] During this time period for renewed implementation of the 2008 ozone standard, however, a number of legal developments pertaining to the EPA's promulgation of CSAPR created uncertainty over the EPA's statutory interpretation and implementation of the "good neighbor" requirement as to that standard.

On August 21, 2012, the DC Circuit issued a decision in *EME Homer City Generation, L.P.* v. *EPA* addressing several legal challenges to CSAPR and holding, among other things, that states had no obligation to submit good neighbor SIPs until the EPA had first quantified each state's good neighbor obligation.[6] Accordingly, under that decision the submission deadline for good neighbor SIPs under the CAA would not necessarily be tied to the promulgation of a new or revised NAAQS. While the EPA disagreed with this interpretation of the statute and sought review first with the DC Circuit *en banc* and then with the United States Supreme Court, the EPA complied with the DC Circuit's ruling during the pendency of its appeal. In particular, the EPA indicated that consistent with the DC Circuit's opinion, it would not at that time issue findings that states had failed to submit SIPs addressing the good neighbor requirements in CAA section 110(a)(2)(D)(i)(I).[7] Moreover, when the EPA made findings that states had failed to submit infrastructure SIPs

[1] *See* 73 FR 16436 (March 27, 2008) (National Ambient Air Quality Standards for Ozone, Final Rule).

[2] The EPA's Fact Sheet, *EPA to reconsider Ozone Pollution Standards,* is available at *http://www.epa.gov/groundlevelozone/pdfs/O3_Reconsideration_FACT%20SHEET_091609.pdf.*

[3] *See* 70 FR 25162 (May 12, 2005) (Rule To Reduce Interstate Transport of Fine Particulate Matter and Ozone (Clean Air Interstate Rule); Revisions to the Acid Rain Program; Revisions to the NO_X SIP Call, Final Rule).

[4] *See* Policy Assessment for the Review of the Ozone National Ambient Air Quality Standards, August 2014, pages 1–9. The Policy assessment is available at *http://www.epa.gov/ttn/naaqs/standards/ozone/data/20140829pa.pdf.*

[5] *Id.*

[6] *EME Homer City Generation, L.P.* v. *EPA,* 696 F.3d 7, 31 (D.C. Cir. 2012).

[7] *See, e.g.,* Memorandum from the Office of Air and Radiation former Assistant Administrator Gina McCarthy to the EPA Regions, "Next Steps for Pending Redesignation Requests and State Implementation Plan Actions Affected by the Recent Court Decision Vacating the 2011 Cross-State Air Pollution Rule," November 19, 2012; 78 FR 65559 (November 1, 2013) (final action on Florida infrastructure SIP submission for 2008 8-hour ozone NAAQS); and 78 FR 14450 (March 6, 2013) (final action on Tennessee infrastructure SIP submissions for 2008 8-hour ozone NAAQS).

addressing the 2008 ozone NAAQS, the EPA explained that it was not issuing findings as to the good neighbor requirements in accordance with the court's holding in *EME Homer City Generation*. 78 FR 2882, 2884 (January 15, 2013) (Findings of Failure To Submit a Complete State Implementation Plan for Section 110(a) Pertaining to the 2008 Ozone National Ambient Air Quality Standard).

While the DC Circuit declined to consider the EPA's appeal *en banc*,[8] on January 23, 2013, the Supreme Court granted the EPA's petition for certiorari.[9] During 2013 and early 2014, as the EPA awaited a decision from the Supreme Court, the EPA initiated efforts and technical analyses aimed at identifying and quantifying state good neighbor obligations for the 2008 ozone NAAQS. As part of this effort, the EPA solicited stakeholder input and also provided states with, and requested input on, emissions inventories for 2011 and emissions inventory projections for 2018.

On April 29, 2014, the Supreme Court issued a decision reversing the DC Circuit's *EME Homer City* opinion on CSAPR and held, among other things, that under the plain language of the CAA, states must submit SIPs addressing the good neighbor requirement in CAA section 110(a)(2)(D)(i)(I) within 3 years of promulgation of a new or revised NAAQS, regardless of whether the EPA first provides guidance, technical data or rulemaking to quantify the state's obligation. Thus, the Supreme Court affirmed that states have an obligation in the first instance to address the good neighbor provision after promulgation of a new or revised NAAQS, a holding that also applies to states' obligation to address interstate transport for CAA section 110(a)(2)(D)(i)(I) for the 2008 ozone NAAQS.

C. Mandatory Duty Suit for the EPA's Failure to Make Findings of Failure To Submit for States That Did Not Submit SIPs

On March 15, 2013, several states and the District of Columbia filed a complaint challenging the EPA's assertion in the January 15, 2013 findings of failure to submit for the 2008 ozone NAAQS infrastructure SIPs that it did not have the authority to issue findings as to the good neighbor provision.[10] After the Supreme Court issued its decision reversing the DC Circuit's vacatur of CSAPR, the EPA requested partial vacatur and remand of the January 15, 2013 portion of the findings that pertained to the good neighbor provision. On August 1, 2014, the court granted the EPA's request, vacating the EPA's decision not to make findings of failure to submit with respect to the good neighbor provision and remanding the findings to the EPA for further consideration.

Shortly thereafter, Sierra Club and WildEarth Guardians filed two separate cases alleging that the EPA had not fulfilled its mandatory duty to make findings of failure to submit good neighbor SIPs addressing interstate transport in CAA section 110(a)(2)(D)(i)(I) with respect to the 2008 ozone NAAQS. In the first case, Sierra Club filed a complaint in the U.S. District Court for the Northern District of California (Northern District of California) on July 15, 2014, seeking an order to compel the EPA to make findings of failure to submit with respect to the 2008 ozone NAAQS good neighbor SIP for the state of Tennessee.[11] On November 18, 2014, Sierra Club and WildEarth Guardians filed another complaint in the same court seeking an order to compel the EPA to make findings of failure to submit with respect to the 2008 ozone NAAQS good neighbor SIPs for the following states: Arkansas, California, Connecticut, Georgia, Iowa, Illinois, Kansas, Massachusetts, Maine, Michigan, Minnesota, Missouri, New Hampshire, New Mexico, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Virginia, Washington and West Virginia.[12] On January 15, 2015, the plaintiffs amended their complaint in the second case to add Alabama, Florida, North Carolina and Mississippi. On May 15, 2015, the court entered judgment ordering the EPA to, by June 30, 2015, sign a notice issuing its findings of failure to submit with respect to the 2008 ozone NAAQS interstate transport SIPs for the 26 states addressed in both cases.[13]

The EPA recognizes the practical and legal uncertainty that has surrounded the 2008 ozone NAAQS and the proper interpretation of the good neighbor provision. States were given the impression that if the NAAQS were revised as a result of the reconsideration, the 3-year SIP deadline would reset. The EPA also recognizes that this uncertainty may have influenced states' efforts to develop SIPs to address CAA section 110(a)(2)(D)(i)(I) requirements for the 2008 ozone NAAQS. Given that the NAAQS have not been revised and the United States Supreme Court overturned the DC Circuit opinion on CSAPR, March 12, 2011, remains the legally applicable deadline for good neighbor SIPs for the 2008 8-hour ozone NAAQS.

In response to the orders from the DC Circuit and the Northern District of California, the EPA is taking this action for all states that have failed to submit complete SIPs addressing CAA section 110(a)(2)(D)(i)(I) for the 2008 ozone NAAQS. To date, 26 states, the District of Columbia and Puerto Rico have submitted complete SIPs addressing CAA section 110(a)(2)(D)(i)(I) for the 2008 ozone NAAQS. Three states specifically identified in the Northern District of California's order have made complete submissions as of the date of this document. Therefore, the EPA is issuing national findings of failure to submit good neighbor SIPs addressing the requirements of CAA sections 110(a)(2)(D)(i)(I) as to the 2008 ozone NAAQS, addressing all states that have not made complete submissions as to the date of this document.

D. Further Background Specific to North Carolina SIP Status

On November 12, 2012, the state of North Carolina submitted a SIP revision to the EPA addressing, among other things, the good neighbor provision of CAA section 110(a)(2)(D)(i)(I) for the 2008 ozone NAAQS. The submission was determined to be complete by a letter dated November 15, 2012. On July 15, 2014, Sierra Club filed a complaint in the Northern District of California alleging that the EPA had failed to take final action on the North Carolina SIP submission, including the interstate transport provisions, by the statutory deadline and asked the court to order the EPA to take such final action by a date certain.[14] Subsequently, on September 3, 2014, the state of North Carolina submitted a letter withdrawing the good neighbor provision of the November 12, 2012, infrastructure SIP submission addressing CAA section

[8] *EME Homer City Generation, L.P.* v. *EPA*, No. 11–1302 (D.C. Cir. January 24, 2013), ECF No. 1417012 (denying the EPA's motion for rehearing *en banc*).

[9] *EPA* v. *EME Homer City Generation, L.P.*, 133 S. Ct. 2857 (2013) (granting the EPA's and other parties' petitions for certiorari).

[10] *Maryland* v. *EPA*, Case No. 13–1070 (D.C. Cir., filed March 15, 2013).

[11] Complaint, *Sierra Club* vs. *McCarthy*, Case 4:14–cv–3198–JSW (N.D. Cal. July 15, 2014). The complaint also included a separate claim regarding the EPA's alleged failure to take final action to approve or disapprove infrastructure SIPs as to a number of states.

[12] Complaint, *Sierra Club* vs. *McCarthy*, Case 4:14–cv–05091–YGR (N.D. Cal. November. 18, 2014).

[13] *See* Judgment, *Sierra Club* v. *McCarthy*, Case 4:14–cv–05091–YGR (N.D. Cal. May 15, 2015).

[14] Complaint, *Sierra Club* v. *McCarthy*, Case 4:14–cv–03198–JSW, (N.D. Cal. July 15, 2014).

110(a)(2)(D)(i)(I).[15] In reliance on the withdrawal, Sierra Club filed an amended complaint on December 12, 2014, that revised its claim to remove the allegation that the EPA had failed to act the good neighbor provision of North Carolina's SIP.[16] The parties to the litigation subsequently entered into a consent decree that settled the remaining claim as to North Carolina.[17] In further reliance on the withdrawal, Sierra Club and WildEarth Guardians also filed an amended complaint in case number 4:14–cv–05091, discussed above, alleging that the EPA had failed to make a finding of failure to submit as to North Carolina's good neighbor SIP for the 2008 ozone NAAQS.[18]

On June 26, 2015, North Carolina submitted a letter indicating that it wished to "rescind" its September 3, 2014 withdrawal of its good neighbor SIP to address the 2008 ozone NAAQS.[19] The letter explained that the November 12, 2012 submittal did not include modeling and that preliminary air quality modeling released by the EPA on January 22, 2015, supported its interstate transport SIP. The letter also explained that, based on this modeling, the state concluded "it has met its obligations under CAA section 110(a)(1) and (2)(D) related to interstate transport . . . and therefore, does not expect" to be subject to this document finding certain states' failure to submit interstate transport SIPs for the 2008 ozone NAAQS.

On June 30, 2015, the EPA responded to North Carolina's June 26, 2015 letter.[20] Because the EPA determined that it was not appropriate to rescind North Carolina's prior withdrawal of its November 12, 2012 SIP submission, and because the June 25, 2015, letter relies on new information and analysis to support the state's conclusion regarding its statutory interstate transport obligations that was not contained in its November 12, 2012, SIP submission (*i.e.*, the preliminary air quality modeling released by the EPA on January 22, 2015), the EPA views the June 26, 2015 letter as a new SIP submission. Accordingly, the EPA has evaluated the June 26, 2015 letter for completeness as a SIP revision pursuant to the criteria in 40 CFR part 51, appendix V, and concluded that the June 26, 2015, letter is an incomplete SIP submission. The incompleteness letter notes that North Carolina's June 26, 2015, letter contains new information and analysis upon which North Carolina now relies to support its conclusions regarding the state's statutory obligations to address interstate transport, in particular the EPA's air quality modeling, and that neither the new information nor North Carolina's conclusions relying upon that information were subject to public notice and comment per criteria 2.1(f)–(h) of appendix V. Accordingly, the EPA is finding in this document that North Carolina has failed to submit a complete SIP revision addressing CAA section 110(a)(2)(D)(i)(I) as to the 2008 ozone NAAQS.

III. Findings of Failure To Submit for States That Failed To Make a Good Neighbor SIP Submission for the 2008 Ozone NAAQS

Three states (*i.e.*, Connecticut, Rhode Island and Washington) addressed by the Northern District of California's order have made complete SIP submittals addressing the good neighbor provision for the 2008 ozone NAAQS. Hawaii was not addressed by the Northern District of California's order and the state has submitted a complete SIP submittal addressing the good neighbor provision for the 2008 ozone NAAQS. The EPA is making findings of failure to submit for 24 states. The EPA is finding that the following states have not made a complete good neighbor SIP submittal to meet the requirements of CAA section 110(a)(2)(D)(i)(I): Alabama, Arkansas, California, Florida, Georgia, Iowa, Illinois, Kansas, Massachusetts, Maine, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New Mexico, North Carolina, Oklahoma, Pennsylvania, South Carolina, Tennessee, Vermont,[21] Virginia and West Virginia.

IV. Environmental Justice Considerations

This document is making a procedural finding that certain states have failed to submit a SIP to address CAA section 110(a)(2)(D)(i)(I) for the 2008 ozone NAAQS. The EPA did not conduct an environmental analysis for this rule because this rule would not directly affect the air emissions of particular sources. Because this rule will not directly affect the air emissions of particular sources, it does not affect the level of protection provided to human health or the environment. Therefore, this action will not have potential disproportionately high and adverse human health or environmental effects on minority, low-income or indigenous populations.

V. Statutory and Executive Order Reviews

A. Executive Order 12866: Regulatory Planning and Review and Executive Order 13563: Improving Regulation and Regulatory Review

This action is not a significant regulatory action and was therefore not submitted to the Office of Management and Budget (OMB) for review.

B. Paperwork Reduction Act (PRA)

This action does not impose an information collection burden under the provisions of the Paperwork Reduction Act, 44 U.S.C. 3501 *et seq.* This final rule does not establish any new information collection requirement apart from what is already required by law.

C. Regulatory Flexibility Act (RFA)

This action is not subject to the RFA. The RFA applies only to rules subject to notice and comment rulemaking requirements under the Administrative Procedure Act (APA), 5 U.S.C. 553, or any other statute. This rule is not subject to notice and comment requirements because the agency has invoked the APA "good cause" exemption under 5 U.S.C. 553(b).

D. Unfunded Mandates Reform Act of 1995 (UMRA)

This action does not contain any unfunded mandate as described in UMRA, 2 U.S.C. 1531–1538, and does not significantly or uniquely affect small governments. The action implements mandates specifically and explicitly set forth in the CAA under section 110(a) without the exercise of any policy discretion by the EPA.

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[15] *See,* Letter from Sheila Holman, Director, Division of Air Quality, NCDENR, to Heather McTeer Toney, Regional Administrator, USEPA Region 4, "Withdrawal of Section 110(a)(2)(D)(i)(I) from North Carolina's 2008 Ozone Infrastructure State Implementation Plan Submittal" (September 3, 2014).

[16] First Amended Complaint, *Sierra Club* v. *McCarthy,* Case 4:14–cv–03198–JSW, (N.D. Cal. December 12, 2014).

[17] *See* Judgment, *Sierra Club* v. *McCarthy,* Case 4:14–cv–03198–JSW, (N.D. Cal. May 15, 2015).

[18] *See* Amended Complaint, *Sierra Club* v. *McCarthy,* Case No. 4:14–cv–05091 (N.D. Cal. Jan. 15, 2015).

[19] *See* Letter from Sheila C. Holman, NCDENR, to Heather McTeer Toney, USEPA Region 4, "Recession [sic] of North Carolina's September 3, 2014, Withdrawal of 2008 Ozone Infrastructure State Implementation Plan Certification Pertaining to Interstate Transport (Section 110(a)(2)(D)(i)(I))" (June 26, 2015).

[20] *See* Letter from Beverly H. Banister, USEPA Region 4, to Sheila Holman, NCDENR, "Response to North Carolina's June 26, 2015 Letter Seeking to Rescind the September 3, 2014 Withdrawal of the 2008 Ozone Infrastructure State Implementation Plan Certification Regarding Interstate Transport" (June 30, 2015).

[21] We are making a finding for the state of Vermont even though the state was not addressed by the Northern District of California's order. In fairness and to fulfill its statutory obligations, the EPA is addressing all states that have not made a submittal in this findings document.

E. Executive Order 13132: Federalism

This action does not have federalism implications. It will not have substantial direct effects on the states, on the relationship between the national government and the states, or on the distribution of power and responsibilities among the various levels of government.

F. Executive Order 13175: Consultation and Coordination With Indian Tribal Governments

This action does not have tribal implications as specified in Executive Order 13175. This rule responds to the requirement in the CAA for states to submit SIPs under section 110(a) to address CAA section 110(a)(2)(D)(i)(I) for the 2008 ozone NAAQS. No tribe is subject to the requirement to submit an implementation plan under section 110(a) within 3 years of promulgation of a new or revised NAAQS. Thus, Executive Order 13175 does not apply to this action.

G. Executive Order 13045: Protection of Children From Environmental Health and Safety Risks

The EPA interprets Executive Order 13045 as applying only to those regulatory actions that concern environmental health or safety risks that the EPA has reason to believe may disproportionately affect children, per the definition of "covered regulatory action" in section 2–202 of the Executive Order. This action is not subject to Executive Order 13045 because it does not concern an environmental health risk or safety risk.

H. Executive Order 13211: Actions That Significantly Affect Energy Supply, Distribution or Use

This action is not subject to Executive Order 13211, because it is not a significant regulatory action under Executive Order 12866.

I. National Technology Transfer and Advancement Act

This rulemaking does not involve technical standards.

J. Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations

The EPA believes the human health or environmental risk addressed by this action will not have potential disproportionately high and adverse human health or environmental effects on minority, low-income or indigenous populations because it does not affect the level of protection provided to human health or the environment. The EPA's evaluation of environmental justice considerations is contained in section IV of this document.

K. Congressional Review Act (CRA)

This action is subject to the CRA, and the EPA will submit a rule report to each House of the Congress and to the Comptroller General of the United States. This action is not a "major rule" as defined by 5 U.S.C. 804(2).

L. Judicial Review

Section 307(b)(l) of the CAA indicates which federal Courts of Appeal have venue for petitions of review of final agency actions by the EPA under the CAA. This section provides, in part, that petitions for review must be filed in the Court of Appeals for the District of Columbia Circuit (i) when the agency action consists of "nationally applicable regulations promulgated, or final actions taken, by the Administrator," or (ii) when such action is locally or regionally applicable, if "such action is based on a determination of nationwide scope or effect and if in taking such action the Administrator finds and publishes that such action is based on such a determination."

The EPA has determined that this final rule consisting of findings of failure to submit certain of the required good neighbor SIP provisions is "nationally applicable" within the meaning of section 307(b)(1). This rule affects 24 states across the country that are located in seven of the ten EPA Regions, 10 different federal circuits, and multiple time zones.

This determination is appropriate because, in the 1977 CAA Amendments that revised CAA section 307(b)(l), Congress noted that the Administrator's determination that an action is of "nationwide scope or effect" would be appropriate for any action that has "scope or effect beyond a single judicial circuit." H.R. Rep. No. 95–294 at 323–324, reprinted in 1977 U.S.C.C.A.N. 1402–03. Here, the scope and effect of this action extends to the 10 judicial circuits that include the states across the country affected by this action. In these circumstances, section 307(b)(1) and its legislative history authorize the Administrator to find the rule to be of "nationwide scope or effect" and thus to indicate that venue for challenges lies in the DC Circuit. Accordingly, the EPA is determining that this is a rule of nationwide scope or effect. Under section 307(b)(1) of the CAA, petitions for judicial review of this action must be filed in the United States Court of Appeals for the District of Columbia within 60 days from the date this final action is published in the **Federal Register**. Filing a petition for review by the Administrator of this final action does not affect the finality of the action for the purposes of judicial review nor does it extend the time within which a petition for judicial review must be filed, and shall not postpone the effectiveness of such rule or action.

List of Subjects in 40 CFR Part 52

Environmental protection, Air pollution control, Incorporation by reference, Intergovernmental relations, Ozone, Reporting and recordkeeping requirements.

Dated: June 30, 2015.

Janet G. McCabe,

Acting Assistant Administrator.

[FR Doc. 2015–16922 Filed 7–10–15; 8:45 am]

BILLING CODE 6560–50–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 52

[EPA–R09–OAR–2014–0841; FRL–9929–60–Region 9]

Revisions to the California State Implementation Plan, South Coast Air Quality Management District

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: The Environmental Protection Agency (EPA) is taking action to approve a revision to the South Coast Air Quality Management District (SCAQMD) portion of the California State Implementation Plan (SIP). This revision concerns volatile organic compound (VOC) emissions from Large Confined Animal Facilities. We are approving a local rule to regulate these emission sources under the Clean Air Act (CAA or the Act).

DATES: This rule will be effective on August 12, 2015.

ADDRESSES: The EPA has established docket number EPA–R09–OAR–2014–0841 for this action. Generally, documents in the docket for this action are available electronically at *http://www.regulations.gov* or in hard copy at EPA Region IX, 75 Hawthorne Street, San Francisco, California 94105–3901. While all documents in the docket are listed at *http://www.regulations.gov,* some information may be publicly available only at the hard copy location (*e.g.,* copyrighted material, large maps, multi-volume reports), and some may not be available in either location (*e.g.,* confidential business information (CBI)). To inspect the hard copy

APPENDIX A-6
81 FR 26697
May 4, 2016

River within a shape bounded by the following coordinates: 33°55′05″ N., 078°00′04″ W.; 33°54′57″ N., 078°00′04″ W.; 33°54′56″ N., 078°00′54″ W.; 33°55′04″ N., 078°00′54″ W.; thence back to the point of origin (NAD 83) in Southport, North Carolina.

(c) *Regulations.* (1) In accordance with the general regulations in 165.23 of this part, entry into this zone is prohibited unless authorized by the Captain of the Port, North Carolina or her designated representatives.

(2) The operator of any vessel in the immediate vicinity of this safety zone shall:

(i) If on scene proceed as directed by any commissioned, warrant or petty officer on shore or on board a vessel that is displaying a U.S. Coast Guard Ensign.

(3) The Captain of the Port, North Carolina can be reached through the Sector North Carolina Command Duty Officer at Sector North Carolina in Wilmington, North Carolina at telephone number (910) 343–3882.

(4) The Coast Guard Representatives enforcing the safety zone can be contacted on VHF–FM marine band radio channel 13 (165.65 Mhz) and channel 16 (156.8 Mhz).

(d) *Enforcement period.* This section will be enforced on May 07, 2016, from 9:30 a.m. through 11:30 a.m., unless otherwise cancelled by the COTP.

Dated: April 19, 2016.

J.S. Dufresne,

Captain, U.S. Coast Guard, Captain of the Port North Carolina.

[FR Doc. 2016–10310 Filed 5–3–16; 8:45 am]

BILLING CODE 9110–04–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Parts 52 and 81

[EPA–HQ–OAR–2015–0468; FRL–9945–17–OAR]

Determinations of Attainment by the Attainment Date, Extensions of the Attainment Date, and Reclassification of Several Areas for the 2008 Ozone National Ambient Air Quality Standards

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: The Environmental Protection Agency (EPA) is taking final action on three separate and independent types of determinations for each of the 36 areas that are currently classified as "Marginal" for the 2008 ozone National Ambient Air Quality Standards (NAAQS). First, the EPA is determining that 17 areas attained the 2008 ozone NAAQS by the applicable attainment date of July 20, 2015, based on complete, quality-assured and certified ozone monitoring data for 2012–2014. Second, the EPA is granting 1-year attainment date extensions for eight areas on the basis that the requirements for such extensions under the Clean Air Act (CAA) and the EPA's implementing regulations have been met. Third, the EPA is determining that 11 areas failed to attain the 2008 ozone NAAQS by the applicable attainment date of July 20, 2015, and thus are reclassified by operation of law as "Moderate" for the 2008 ozone NAAQS. States containing any or any portion of these new Moderate areas must submit State Implementation Plan (SIP) revisions that meet the statutory and regulatory requirements that apply to 2008 ozone nonattainment areas classified as Moderate by January 1, 2017.

DATES: This rule is effective on June 3, 2016.

ADDRESSES: The EPA has established docket number EPA–HQ–OAR–2015–0468 for this action. All documents in the docket are listed on *http://www.regulation.gov* Web site. Although listed in the index, some information is not publicly available, *e.g.,* Confidential Business Information or other information whose disclosure is restricted by statute. Certain other material, such as copyrighted material, is not placed on the Internet and will be publicly available only in hard copy form. Publicly available docket materials are available electronically through *http://www.regulations.gov.*

FOR FURTHER INFORMATION CONTACT: Mr. Cecil (Butch) Stackhouse or Mr. H. Lynn Dail, Office of Air Quality Planning and Standards, Air Quality Policy Division, Mail Code C539–01, Research Triangle Park, NC 27711. Telephone Mr. Stackhouse at (919) 541–5208 or Mr. Dail at (919) 541–2363; or both at fax number: (919) 541–5315; email addresses: *stackhouse.butch@epa.gov,* or *dail.lynn@epa.gov.*

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- L. Judicial Review

I. Proposed Actions

On August 27, 2015, the EPA proposed to find that 17 Marginal areas attained the 2008 NAAQS by the applicable attainment date of July 20, 2015, based on complete, quality-assured and certified ozone monitoring data for 2012–2014. *See* 80 FR 51992. The EPA also proposed to find that eight areas met the criteria, as provided in CAA section 181(a)(5) and 40 Code of Federal Regulations (CFR) 51.1107, to qualify for a 1-year attainment date extension for the 2008 ozone NAAQS even though they did not attain the NAAQS by the applicable deadline. Finally, the EPA proposed to find that 11 areas failed to attain the 2008 ozone NAAQS by the applicable Marginal attainment date and that they did not qualify for a 1-year attainment date extension. Under CAA section 181(b)(2)(A), if the EPA determines that an area failed to attain a given NAAQS by the applicable attainment date, the area shall be reclassified to a higher classification. In the EPA's August 2015 proposal, the EPA specified those 11 areas would be reclassified to Moderate.

The reclassified areas must attain the standard as expeditiously as practicable, but in any event no later than July 20, 2018.

The EPA proposed two options for establishing a deadline for states to submit the SIP revisions required for Moderate areas once their areas are reclassified from Marginal. The first option would have required state air agencies to submit the required SIP revisions as expeditiously as practicable, but no later than the beginning of the ozone season in 2017 for each respective area. The second option would have required state air agencies to submit the required SIP revisions as expeditiously as practicable, but no later than January 1, 2017. After consideration of the comments received on these proposed options, the EPA is finalizing a due date of no later than January 1, 2017, for all Moderate area SIP requirements that apply to newly reclassified areas.

A. Determinations of Attainment

In the proposal, the EPA evaluated data from air quality monitors in the 36 areas classified as Marginal for the 2008 ozone NAAQS in order to determine each area's attainment status as of the applicable attainment date of July 20, 2015. Seventeen of the 36 nonattainment areas' monitoring sites with valid data had a design value [1] equal to or less than 0.075 parts per million (ppm) based on 2012–2014 monitoring period.[2] Thus, the EPA proposed to determine, in accordance with section 181(b)(2)(A) of the CAA and the EPA's implementing regulations at 40 CFR 51.1103, that the 17 areas listed in the following Table 1 attained the standard by the applicable attainment date for Marginal areas for the 2008 ozone NAAQS.

TABLE 1—MARGINAL NONATTAINMENT AREAS THAT ATTAINED THE 2008 OZONE NAAQS BY THE JULY 20, 2015, ATTAINMENT DATE

2008 ozone NAAQS nonattainment area	2012–2014 design value (ppm)
Allentown-Bethlehem-Easton, PA	0.070
Baton Rouge, LA	0.072
Calaveras County, CA	0.071
Charlotte-Rock Hill, NC-SC	0.073
Chico (Butte County), CA	0.074
Cincinnati, OH-KY-IN	0.075
Columbus, OH	0.075
Dukes County, MA	0.068
Jamestown, NY	0.071
Knoxville, TN	0.067
Lancaster, PA	0.071
Memphis, TN-MS-AR	0.073
Reading, PA	0.071
San Francisco Bay Area, CA	0.072
Seaford, DE	0.074
Tuscan Buttes, CA	0.075
Upper Green River Basin Area, WY	0.064

B. Extensions of Marginal Area Attainment Dates

Of the 36 Marginal nonattainment areas for the 2008 ozone NAAQS, there are eight areas for which the EPA proposed to grant a 1-year attainment date extension based on determinations that these areas met the requirements for an extension under CAA section 181(a)(5), including compliance with all commitments and requirements in the applicable implementation plan and "clean" data in the year preceding the attainment year. In addition, for each of these areas, at least one state with jurisdiction over all or part of the area requested such an extension.

The EPA proposed that eight Marginal nonattainment areas for the 2008 ozone NAAQS failed to attain the NAAQS by July 20, 2015, but met the attainment date extension criteria of CAA section 181(a)(5), as interpreted in 40 CFR 51.1107. The EPA proposed to find that all implicated states were meeting the obligations and commitments of their applicable implementation plans, in accordance with CAA section 181(a)(5)(A), and that, per CAA section 181(a)(5)(B) and the implementing regulations, the 4th highest daily maximum 8-hour average concentrations for all monitors in each area were not greater than 0.075 ppm for 2014, the year preceding the attainment year (*see* 40 CFR 51.1107). The EPA, therefore, proposed to grant a 1-year extension of the applicable Marginal area attainment date from July 20, 2015, to July 20, 2016, for the nonattainment areas listed in Table 2.

TABLE 2—MARGINAL NONATTAINMENT AREAS THAT QUALIFY FOR A 1-YEAR ATTAINMENT DATE EXTENSION FOR THE 2008 OZONE NAAQS

2008 ozone NAAQS nonattainment area	2012–2014 design value (ppm)	2014 4th highest daily maximum 8-hr average (ppm)
Cleveland-Akron-Lorain, OH	0.078	0.075
Houston-Galveston-Brazoria, TX	0.080	0.072
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE	0.077	0.074
Pittsburgh-Beaver Valley, PA	0.077	0.071
San Luis Obispo (Eastern San Luis Obispo), CA	0.076	0.073
Sheboygan County, WI	0.081	0.072
St. Louis-St. Charles-Farmington, MO-IL	0.078	0.072
Washington, DC-MD-VA	0.076	0.069

[1] Design value is a statistic that describes the air quality status of a given location relative to the level of the NAAQS. Design values for a site are the 3-year average annual fourth-highest daily maximum 8-hour average ozone concentrations.

[2] These determinations were based upon 3 years of complete, quality-assured and certified 2012–2014 data, in accordance with 40 CFR part 58 and recorded in EPA's Air Quality Statistics (AQS) database. Some areas attained the standard earlier with 2011, 2012 and 2013 data and maintained the standard in 2014, *i.e.*, Knoxville, TX attained the standard with 2011–2013 ozone data and continued to attain with 2012–2014 data.

C. Determinations of Failure To Attain and Reclassification

Lastly, the EPA proposed to determine that 11 areas (listed in Table 3) failed to attain the 2008 ozone NAAQS by the applicable attainment date of July 20, 2015 and were not eligible for a 1-year attainment date extension. For each of these areas, the 4th highest daily maximum 8-hour average for at least one monitor in each area was greater than 0.075 ppm for 2014. CAA section 181(b)(2)(A) provides that a Marginal nonattainment area shall be reclassified by operation of law upon a determination by the EPA that such area failed to attain the relevant NAAQS by the applicable attainment date. The new classification proposed for each of these 11 areas would be the next higher classification of "Moderate" under the CAA statutory scheme.[3]

TABLE 3—MARGINAL NONATTAINMENT AREAS TO BE RECLASSIFIED AS MODERATE BECAUSE THEY DID NOT ATTAIN THE 2008 OZONE NAAQS BY THE JULY 20, 2015, ATTAINMENT DATE

2008 ozone NAAQS nonattainment area	2012–2014 design value (ppm)	2014 4th highest daily maximum 8-hr average (ppm)
Atlanta, GA	0.077	0.079
Chicago-Naperville, IL-IN-WI	0.081	0.076
Denver-Boulder-Greeley-Ft. Collins-Loveland, CO	0.082	0.077
Greater Connecticut, CT	0.080	0.077
Imperial County, CA	0.080	0.078
Kern County (Eastern Kern), CA	0.084	0.089
Mariposa County, CA	0.078	0.077
Nevada County (Western part), CA	0.079	0.082
New York-N. New Jersey-Long Island, NY-NJ-CT	0.085	0.081
Phoenix-Mesa, AZ	0.080	0.080
San Diego County, CA	0.079	0.079

D. Moderate Area SIP Revision Submission Deadline

The EPA also proposed to apply the Administrator's discretion, per CAA section 182(i), to adjust the statutory deadlines for submitting required SIP revisions for reclassified Moderate ozone nonattainment areas. CAA section 182(i) requires that reclassified areas meet the applicable plan submission requirements "according to the schedules prescribed in connection with such requirements, except that the Administrator may adjust any applicable deadlines (other than attainment dates) to the extent such adjustment is necessary or appropriate to assure consistency among the required submissions." Under the Moderate area plan requirements of CAA section 182(b)(1) and 40 CFR 51.1108, states with ozone nonattainment areas classified as Moderate are provided 3 years (or 36 months) from the date of designation to submit a SIP revision complying with the Moderate ozone nonattainment plan requirements. For areas designated nonattainment for the 2008 ozone NAAQS and originally classified as Moderate, that deadline was July 20, 2015, a date that has already passed. The EPA, therefore, interpreted CAA section 182(i) as providing the authority to adjust the applicable deadlines "as necessary or appropriate to assure consistency among the required submissions" for the 11 reclassified 2008 Marginal ozone nonattainment areas. The CAA neither provides authority for the EPA to adjust the deadline to provide the full 3 years from the date of reclassification nor provides that the EPA may adjust the attainment date. In determining an appropriate deadline for the states with jurisdiction for these 11 reclassified nonattainment areas to submit their Moderate area SIP revisions, the EPA proposed two options for deadlines. The first proposed option would require that states submit the required SIP revisions as expeditiously as practicable, but no later than the beginning of the ozone season in 2017 for each state. We believed that this option would provide states additional time that may be needed to accomplish planning, administrative and SIP revision processes. Of the 11 areas proposed for reclassification to Moderate, four areas have ozone seasons that begin later than January 1 (based on ozone monitoring season changes finalized with the 2015 ozone NAAQS)[4] and this option would provide 2 additional months past January 2017 for those four areas. The second proposed option would require states submit the SIP revisions as expeditiously as practicable, but no later than January 1, 2017. We believed that setting a single specific submittal date would establish a consistent deadline for all 11 nonattainment areas, similar to the single uniform SIP submission deadline that would have applied to all areas if they had been initially classified as Moderate. This option would provide states with approximately 9 months after these reclassifications are finalized to develop complete SIP submissions and it is the latest SIP submittal date that would be compatible with the date by when Moderate area reasonably available control measures (RACM) and reasonably available control technology (RACT) must be in place (*i.e.,* begin no later than January 1 of the 5th year after the effective date of designation for the 2008 ozone NAAQS, which is, in this case, January 1, 2017).

E. Rescission of Clean Data Determination and Proposed SIP Call for the 1997 8-Hour Ozone NAAQS for New York-N. New Jersey-Long Island (NY-NJ-CT) Nonattainment Area

On June 18, 2012, the EPA issued a clean data determination (CDD) for the NY-NJ-CT nonattainment area, suspending the three states' obligations to submit attainment-related planning requirements, including the obligation to submit attainment demonstrations, RACM and reasonable further progress (RFP) plans, and contingency measures, with respect to the 1997 8-hour ozone

[3] The 2012–2014 design values for the 11 areas did not exceed 0.100 ppm, which is the threshold for reclassifying an area to Serious per CAA section 181(b)(2)(A)(ii) and 40 CFR 51.1103.

[4] *See* Table D–3 of appendix D to 40 CFR part 58.

standard. On May 15, 2014 (79 FR 27830), the EPA proposed to rescind the CDD for the area based on the fact that the area was no longer attaining the 1997 8-hour ozone standard, and the EPA proposed a SIP Call for submittal of a new ozone attainment demonstration for the NY-NJ-CT area for the 1997 ozone NAAQS. As an alternative to submitting a new attainment demonstration for the 1997 ozone NAAQS, the EPA proposed to permit the relevant states to respond to the SIP Call by voluntarily requesting to be reclassified to Moderate for the 2008 ozone standard (*see* CAA section 181(b)(3)) and to prepare SIP revisions demonstrating how they would attain the more stringent 2008 standard as expeditiously as practicable, but no later than the Moderate area attainment date in 2018. The EPA explained in the May 2014 proposal that, because the 2008 standard is more stringent than the 1997 standard, the area would necessarily attain the 1997 standard once the area adopted a control strategy designed to achieve the tighter standard. Moreover, where state planning resources were constrained, those resources were better used focused on attaining the more stringent standard.

In the agency's August 27, 2015, proposal regarding determinations of attainment of the 2008 Marginal ozone areas, the EPA discussed how its proposed actions affected the May 2014 proposed options for responding to a SIP Call for the 1997 8-hour ozone NAAQS. Specifically, the proposed option to permit the relevant states to respond to the final SIP Call by requesting reclassification to Moderate for the 2008 ozone standard [*see* CAA section 181(b)(3)] would consequently require that the states submit SIPs demonstrating how they would attain the more stringent 2008 standard as expeditiously as practicable. We explicitly noted in the August 2015 proposal that, if we were to finalize the determination that the NY-NJ-CT area failed to attain the 2008 ozone NAAQS by the Marginal area attainment date, the area would be reclassified by operation of law, and thus effectively eliminating the need for the three states to voluntarily request reclassification. The area would then be subject to Moderate nonattainment area planning requirements, and the subsequent submission of Moderate area attainment plans for the 2008 ozone standard would necessarily satisfy a final SIP Call for the NY-NJ-CT area on the 1997 ozone standard, because an approvable plan would demonstrate attainment of a more stringent NAAQS. We also noted that either of the proposed 2008 ozone attainment plan due dates would meet the statutory timeframe for the SIP revision due subsequent to a SIP Call for the 1997 ozone NAAQS for the area.

II. Final Actions

The publication of the EPA's proposed rule on August 27, 2015, (80 FR 51992) started a public comment period that ended on September 28, 2015.[5] The comments received during this period may be found in the electronic docket for this action. A majority of commenters supported the EPA's actions as proposed to determine that certain areas attained the 2008 ozone NAAQS by the applicable attainment date, to provide 1-year attainment date extensions to the identified areas, and to reclassify to Moderate the non-attaining areas that do not qualify for an attainment date extension. Additional significant comments pertinent to each proposed action are addressed in the following appropriate sections. Included in the docket for this action is a full summary of significant comments received on the EPA's proposal and our responses to those comments. To access comments and the Response to Comment document, please go to *http://www.regulations.gov* and search for Docket No. EPA–HQ–OAR–2015–0468, or contact the person listed in the **FOR FURTHER INFORMATION CONTACT** section.

TABLE 4—2008 OZONE MARGINAL NONATTAINMENT AREA FINAL ACTION SUMMARY

Nonattainment area	Determination of attainment by the attainment date	Determination of failure to attain by the attainment date	Extension of the marginal area attainment date to July 20, 2016
Allentown-Bethlehem-Easton, PA	X		
Atlanta, GA		X	
Baton Rouge, LA	X		
Calaveras County, CA	X		
Charlotte-Rock Hill, NC-SC[a]	X		
Chicago-Naperville, IL-IN-WI		X	
Chico (Butte County), CA	X		
Cincinnati, OH-KY-IN	X		
Cleveland-Akron-Lorain, OH			X
Columbus, OH	X		
Denver-Boulder-Greeley-Ft. Collins-Loveland, CO		X	
Dukes County, MA	X		
Greater Connecticut, CT		X	
Houston-Galveston-Brazoria, TX			X
Imperial County, CA		X	
Jamestown, NY	X		
Kern County (Eastern Kern), CA		X	
Knoxville, TN[b]	X		
Lancaster, PA	X		
Mariposa County, CA		X	
Memphis, TN-MS-AR[c]	X		
Nevada County (Western part), CA		X	
New York, N. New Jersey-Long Island, NY-NJ-CT		X	
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE			X

[5] The EPA offered to hold a public hearing on the proposed actions, but no one requested such a hearing.

TABLE 4—2008 OZONE MARGINAL NONATTAINMENT AREA FINAL ACTION SUMMARY—Continued

Nonattainment area	Determination of attainment by the attainment date	Determination of failure to attain by the attainment date	Extension of the marginal area attainment date to July 20, 2016
Phoenix-Mesa, AZ		X	
Pittsburgh-Beaver Valley, PA			X
Reading, PA	X		
San Diego County, CA		X	
San Francisco Bay Area, CA	X		
San Luis Obispo (Eastern San Luis Obispo), CA			X
Seaford, DE	X		
Sheboygan County, WI			X
St. Louis-St. Charles-Farmington, MO-IL			X
Tuscan Buttes, CA	X		
Upper Green River Basin Area, WY	X		
Washington, DC-MD-VA			X

[a] On July 28, 2015, the EPA redesignated to attainment the North Carolina portion of the Charlotte-Rock Hill, NC-SC, nonattainment area for the 2008 8-hour ozone NAAQS, effective August 27, 2015. *See* 80 FR 44873. On December 11, 2015, the EPA redesignated to attainment the South Carolina portion of the Charlotte-Rock Hill, NC-SC, nonattainment area for the 2008 8-hour ozone NAAQS, effective January 11, 2016. *See* 80 FR 76865. The EPA is herein determining that this area attained the 2008 ozone NAAQS by the applicable attainment date in order to satisfy the agency's obligation under CAA section 181(b)(2)(A).

[b] On July 13, 2015, the EPA redesignated to attainment the Knoxville, TN, nonattainment area for the 2008 8-hour ozone NAAQS, effective August 12, 2015. *See* 80 FR 39970. Given that this area was still designated nonattainment as of July 20, 2015, the EPA is herein determining that this area attained the 2008 ozone NAAQS by the applicable attainment date in order to satisfy the agency's obligation under CAA section 181(b)(2)(A).

[c] On February 10, 2016, the EPA proposed to redesignate to attainment the Arkansas portion of the Memphis, TN-MS-AR, nonattainment area for the 2008 8-hour ozone NAAQS. *See* 81 FR 7046. On February 11, 2016, the EPA proposed to redesignate to attainment the Mississippi portion of the Memphis, TN-MS-AR, nonattainment area for the 2008 8-hour ozone NAAQS. *See* 81 FR 7269.

A. Determinations of Attainment

Pursuant to section 181(b)(2)(A) of the CAA and 40 CFR 51.1103, the EPA is making a final determination that the 17 Marginal nonattainment areas listed in Table 1 attained the 2008 ozone NAAQS by the applicable attainment date of July 20, 2105. We received no adverse comments on this proposal.

Once effective, this action satisfies the EPA's obligation pursuant to CAA section 181(b)(2)(A) to determine, based on an area's air quality as of the attainment date, whether the area attained the standard by that date. The effect of a final determination of attainment by the area's attainment date is to discharge the EPA's obligation under CAA section 181(b)(2)(A), and to establish that, in accordance with CAA section 181(b)(2)(A), the areas will not be reclassified for failure to attain by the applicable attainment date. These determinations of attainment do not constitute a redesignation to attainment. Redesignations require states to meet a number of additional statutory criteria, including the EPA approval of a state plan demonstrating maintenance of the air quality standard for 10 years after redesignation. As for all NAAQS, the EPA is committed to working with states that choose to submit redesignation requests for the 2008 ozone NAAQS.

B. Extensions of Marginal Area Attainment Dates

Pursuant to CAA section 181(a)(5), the EPA is making a final determination to grant 1-year attainment date extensions of the applicable attainment date from July 20, 2015, to July 20, 2016, for the 8 Marginal nonattainment areas listed in Table 2. The EPA received a number of comments on its proposal to extend the Marginal area attainment dates for the areas listed in Table 2. We summarize and respond to some of the key comments. The docket for this action contains a more detailed Response to Comment document.

Comment: One commenter claimed that the EPA's proposed 1-year extension of the attainment date for the Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE area is unlawful and arbitrary because the state of Delaware did not request an extension of the attainment date. The commenter argued that granting an attainment date extension to a multi-state area when all states have not requested the extension is inconsistent with the EPA's failure to grant the state of New York's most recent voluntary reclassification request with regard to the 1997 8-hour ozone NAAQS.[6] The commenter stated that there, the EPA refused to grant New York's request because the agency's position was that voluntarily reclassifying the area required all states with jurisdiction over the multi-state area to request the reclassification. The commenter noted that in that case the EPA interpreted CAA section 182(j)(1) "to require coordination and unanimity among the affected states," and the commenter stated that the provision "seemingly has equal bearing" on a request to extend the attainment date.

Response: The EPA disagrees with the commenter that a request for voluntary reclassification under CAA section 181(b)(3) and a request for an extension of the attainment date under CAA section 181(a)(5) both require "unanimity" among the affected states. The EPA also does not agree that granting an extension of the attainment date to all states with jurisdiction over the Philadelphia multi-state nonattainment area is inconsistent with its prior reading of CAA section 182(j)(1).

The statutory provisions governing voluntary reclassifications and requests for 1-year attainment date extensions differ in key respects regarding the question of whether all states in a nonattainment area need to request the action before the EPA may grant such requests. CAA section 181(b)(3), which governs voluntary reclassifications, states that "the Administrator shall grant the request of any State to reclassify a nonattainment area *in that State* [in accordance with the area's

[6] Letter from Joseph J. Martens, Commissioner, New York Department of Environmental Conservation, addressed to the EPA Administrator Lisa Jackson. June 20, 2012.

design value] to a higher classification" (emphasis added). The EPA reads that provision, and specifically the words "in that state," to mean that although any state may request a reclassification, it can only do so on behalf of its own state. The same limiting phrase does not appear in the statutory provision governing 1-year attainment date extensions. That provision, CAA section 181(a)(5), states, "Upon application by any State, the Administrator may extend for 1 additional year" the attainment date, provided that the state has complied with all requirements and commitments pertaining to the area in its applicable implementation plan and the area meets certain air quality criteria. Because the statute grants the EPA the discretion to extend an attainment date "upon application by any State" and establishes limiting conditions that can be demonstrated as satisfied by either a state or by the EPA, CAA section 181(a)(5) by its terms does not require the consent of every state within a multi-state nonattainment area. The EPA does, however, interpret that provision as requiring all states with jurisdiction over the nonattainment area to substantively meet the two statutory conditions, although we note that the provision does not specify who must make the demonstration that the conditions have been met.

Interpreting these two provisions to permit differing thresholds of state "unanimity" is particularly reasonable given the consequence of the EPA's action in each case. In extending an attainment date, the EPA imposes no additional obligation upon any state, but rather grants areas that are close to achieving the air quality standard 1 additional year to come into compliance, provided that the states governing that area meet certain criteria. A voluntary reclassification, on the other hand, can impose significant new attainment planning and emission reduction obligations. Had Congress intended to allow one state to request a reclassification on behalf of another state, and, therefore, to impose upon another state, without that state's consent, all of the resource-intensive consequences potentially associated with that action, it could have clearly stated so.

The EPA further disagrees with the commenter that its prior interpretation of CAA section 182(j)(1)—requiring all states in a multi-state ozone nonattainment area to agree to a voluntary reclassification—is inconsistent with *not* requiring such consensus in the case of an attainment date extension. CAA section 182(j)(1)(A) directs states to "take all reasonable steps to coordinate, substantively and procedurally, the revisions and implementation of [SIPs] applicable to the nonattainment area concerned." This provision on its face does not apply to an attainment date extension under CAA section 181(a)(5). Extending the attainment date by 1 year does not change an area's SIP submission requirements. Therefore, CAA section 182(j)(1)(A)'s directive to states governing a multi-state area to coordinate SIP submissions plainly does not have bearing on a provision that does not alter or affect SIP submissions. By contrast, as the EPA has stated, the coordination required by CAA section 182(j)(1)(A) is relevant to a voluntary reclassification, which establishes upon the states with jurisdiction over the nonattainment area new obligations to prepare and submit revisions to SIPs.

Comment: One commenter stated that the states of Delaware and New Jersey did not make any claim or demonstration that they have complied with all requirements and commitments in the SIP, and, therefore, granting an extension to the multi-state area is not warranted. The commenter alleged that the EPA implied that an analysis of Delaware's compliance with the CAA section 181(a)(5)(A) criteria was conducted but that the EPA failed to provide any evidence or showing that Delaware did in fact comply with all requirements and commitments in the applicable implementation plan pertaining to the Philadelphia nonattainment area.

Response: Given the state and federal partnership in implementing the CAA, it is not unreasonable for the EPA to interpret CAA section 181(a)(5)(A), in the absence of a state submitting a certification of compliance, for the EPA to exercise discretion and conduct an independent review of the applicable SIP in order to, in this case, determine whether Delaware and New Jersey are in compliance with the requirements and commitments of the federally-approved SIP. CAA section 302(q) defines "applicable implementation plan" as the portion (or portions) of the implementation plan, or most recent revision thereof, which has been approved under CAA section 110, or promulgated under CAA section 110(c), or promulgated or approved pursuant to regulations promulgated under CAA section 201(d) and which implements the relevant requirements of the CAA. The Act does not specify what type of review is required in order for the states or the EPA to demonstrate that the condition under CAA section 181(a)(5)(A) has been met; therefore, the EPA reasonably interprets the condition to require a review of the relevant, applicable approved implementation plan provisions, and an application of its own knowledge and expertise with regard to whether the state is meeting those obligations, including a review of whether the agency or outside parties has identified state noncompliance with the obligations. Therefore, in proposing to grant a 1-year extension of the attainment date for the Philadelphia area, and in conjunction with EPA Headquarters, the EPA Regional Offices, which have particular expertise and knowledge of the contents and implementation of SIPs, conducted reviews of whether Delaware and New Jersey are in compliance with their applicable implementation plans.

The EPA reviewed New Jersey's applicable ozone implementation plan found at 40 CFR 52.1570 and the most recent actions related to New Jersey's applicable ozone implementation plan, which include the following EPA approvals: 74 FR 22837—"Approval and Promulgation of Implementation plans, New Jersey Reasonable Further Progress Plans, Reasonable Available Control Technology, Reasonably Available Control Measures and Conformity Budgets"; 75 FR 45483—"Approval and Promulgation of Implementation Plans; Implementation Plan Revision; State of New Jersey"; and 75 FR 80340—"Approval and Promulgation of Implementation Plans; New Jersey; 8-hour Ozone Control Measure." Since the adoption of these measures, New Jersey has also amended its SIP to adopt and implement additional emission reductions as part of its SIPs to reduce regional haze and to meet the NAAQS for fine particles. The EPA has reviewed the contents of New Jersey's applicable SIPs and notes that there are no pending enforcement actions by the EPA or outside parties alleging that New Jersey has failed to implement its applicable plan.

Similarly, the EPA reviewed Delaware's applicable ozone implementation plan found at 40 CFR 52.420. In our August 2015 proposal, we noted a recent proposal to disapprove a revision to Delaware's New Source Review (NSR) preconstruction permitting program regulation, *see* 80 FR 30015 (May 26, 2015). Despite this proposed disapproval of a SIP revision, we did not believe this proposal to disapprove a SIP revision was a bar to the EPA granting a 1-year attainment date extension for the Philadelphia area because there is an underlying approved nonattainment NSR SIP. The EPA has examined its own internal database of the notices required under 40 CFR 51.161(a), (b) and (d) (relating to a

notice providing for public and the EPA comment on permit applications) and information posted by the state of Delaware. For the period after September 11, 2013 (the date on which Delaware's newly expanded offset area provisions under state law were effective), the EPA has identified no permits which triggered the requirement for lowest achievable emission rate (LAER) and offsets under Delaware's Regulation 1125 relating to ozone precursors of volatile organic compounds and nitrogen oxides (NO_X). The EPA found that Delaware had undertaken a number of permitting actions since September 11, 2013, but none of these were subject to sections 2.5.5 and 2.5.6 of Delaware's Regulation 1125. The EPA also did not find any incidences of enforcement actions by the agency or outside parties alleging that Delaware is not meeting its SIP obligations.

Moreover, the commenter has not presented any evidence or made any demonstration that suggests either New Jersey or Delaware is not in compliance with their applicable SIP and is, thus, unqualified to receive an attainment date extension. Based on its review of the states' applicable implementation plans and its knowledge and expertise of state actions with regard to those plans, the EPA is making a final determination that both New Jersey and Delaware are meeting the conditional requirement of CAA section 181(a)(5)(A).

Comment: One commenter requested that the EPA deny Wisconsin's request for a 1-year extension to their attainment year for the Sheboygan County Marginal ozone nonattainment area. The commenter argued that 2015 preliminary air quality monitoring data for the Sheboygan area indicates that the area will not attain the standard in 2016, and, moreover, that the data also will not support a second 1-year extension of the attainment date for the Sheboygan area. The commenter maintained that even if a state meets the two conditions provided in CAA section 181(a)(5), the EPA retains the discretion to deny a request for a 1-year extension, and the commenter urged that the EPA should exercise its discretion in this case. In support, the commenter provided a citation to a 1994 EPA memo (Berry Memorandum)[7] that cautions states to consider whether an attainment date extension will ultimately be helpful if the area is not likely to attain the NAAQS by the extended attainment date. The commenter further pointed out that Wisconsin has an "inflexible and lengthy process for rulemaking," which could further hinder the state's ability to meet the attainment date in the future, if the state delays planning and implementing additional control measures now. The commenter also pointed out that the Sheboygan area has not made considerable progress towards attaining the standard, and that the area backslid into nonattainment for the 1997 8-hour ozone NAAQS in 2012 and 2013. The commenter suggested that, rather than granting a 1-year extension of the attainment date, the EPA should determine that the Sheboygan area failed to meet its Marginal area attainment date of July 20, 2015, and, therefore, the EPA should reclassify the area to Moderate, which will allow the state of Wisconsin adequate time to achieve emissions reductions to meet the new attainment date for a Moderate area.

Response: CAA section 181(a)(5) of the CAA, as interpreted by the EPA in 40 CFR 51.1107, authorizes the EPA to grant a 1-year attainment date extension upon application by a state if: (1) The state has complied with all requirements and commitments in the applicable SIP, and (2) all monitors in the area have a fourth highest daily maximum 8-hour average of 0.075 ppm or less for the last full year of air quality data prior to the attainment date (*i.e.,* 2014 for an attainment date of July 20, 2015). Here, Wisconsin has clearly met both of the conditions for the Sheboygan area. Wisconsin submitted a request to the EPA for a 1-year extension of the attainment date for the Sheboygan area, certifying that Wisconsin had complied with all requirements and commitments pertaining to the area in the applicable implementation plan and that all monitors in the area have a fourth highest daily maximum 8-hour average of 0.075 ppm or less for 2014, the most recent complete year of quality-assured and certified data preceding the July 20, 2015, attainment date.[8] The EPA has also evaluated the quality-assured and certified air quality monitoring data for 2014 and determined that Sheboygan met the air quality requirements of CAA section 181(a)(5)(B) and 40 CFR 51.1107. Although the EPA agrees with the commenter that the Administrator retains the discretion to deny a state's request for an attainment date extension even if the state has met both criteria in CAA section 181(a)(5), the agency is declining to exercise that discretion here. The commenter relies primarily upon preliminary air quality data for 2015 that has not been quality assured and certified to contend that the Administrator should deny Wisconsin's request here.[9] Given that the state meets the extension criteria, the Administrator is disinclined to deny the state's request based on preliminary data. Moreover, the citation from the Berry Memorandum that the commenter relies upon is directed at cautioning states, in deciding whether *to request* an extension, to consider whether a 1-year attainment date extension will be helpful in achieving the NAAQS and is not directed at the Administrator's decision to grant or deny such request. The EPA does, however, agree with the commenter that, given the air quality trends and data presented by the commenter, it would be prudent for the state to begin preparing for the possibility that the area may not attain by the July 20, 2016, attainment date, and also may fail to meet the requirements to get an additional 1-year attainment date extension. However, the agency does not believe that those possibilities are reason enough to deny the state's request for this first 1-year attainment date extension, given that Wisconsin has met the two statutory criteria. Therefore, the EPA declines to grant the commenter's request to find that the area failed to attain by July 20, 2015, and to subsequently reclassify the area accordingly. The Sheboygan nonattainment area will remain classified as Marginal for the 2008 ozone NAAQS until the EPA (1) determines, based on quality assured and certified air quality data for 2013–2015, that the area did not attain the 2008 ozone NAAQS by July 20, 2016, and does not qualify for an additional 1-year extension[10] and (2) reclassifies the area based on this determination. We expect Wisconsin to be taking the necessary steps to achieve timely attainment and will continue to work with the state toward that end.

[7] *See* memorandum signed by D. Kent Berry, Acting Director, Air Quality Management Division, "Procedures for Processing Bump Ups and Extension Requests for Marginal Ozone Nonattainment Areas." U.S. EPA, February 3, 1994.

[8] *See* letter signed by Bart Sponseller, Deputy Division Administrator, Air, Waste and Remediation & Redevelopment Division, Wisconsin Department of Natural Resources addressed to Ms. Susan Hedman, Regional Administrator, U.S. EPA Region 5. RE: Request for 1-year extension to the attainment date for the Sheboygan, WI nonattainment area, May 12, 2015. Docket EPA–HQ–OAR–2015–0468–0022 at *http://www.regulations.gov.*

[9] These data are subject to the EPA's date certification requirements of 40 CFR 58.15, which require a state to submit its annual data certification letter by May 1.

[10] The area will qualify for a second 1-year extension if, and only if, the average of annual fourth-high daily maximum 8-hour ozone concentrations for 2014 and 2015 is at or below 0.075 ppm at all monitors in Sheboygan County.

Comment: One commenter maintained that, in evaluating whether a state is in compliance with all requirements and commitments pertaining to an area pursuant to CAA section 181(a)(5)(A), the EPA may not rely on a letter from the state certifying that the state is meeting this requirement. The commenter argued that there must be a factual and rational basis for the agency to grant 1-year extensions and that assertions by the states that they are in compliance with all requirements and commitments does not provide a factual or rational basis when there is no evidence that the assertion was based on a systematic review of compliance or noncompliance.

Response: The EPA disagrees with the commenter's assertion. CAA section 181(a)(5) does not specify who must make the demonstration as to whether a state is complying with all requirements and commitments to the area in the applicable implementation plan. Nothing in the provision explicitly prohibits the EPA from relying on certified statements from state officials that the requirement of CAA section 181(a)(5)(A) has been met, and nothing in the provision supports the commenter's suggestion that the EPA is independently required to perform a "systematic review of compliance or noncompliance" of the state's SIP regardless of whether a state official has made a certified statement to that effect in order to grant an attainment date extension. Given the state and federal partnership in implementing the CAA, it is not unreasonable for the EPA to interpret CAA section 181(a)(5)(A) as permitting the agency to rely upon the certified statements of its state counterparts, and the EPA has long interpreted the provision to be satisfied by such statements.[11] In practice, in conjunction with a request for an extension, a state air agency's Executive Officer, or other senior individual with equivalent responsibilities, signs and affirms that their state is complying with their applicable federally-approved SIP. The commenter argues that the certifications lack rational or factual bases, but has not presented any evidence or made any demonstration that suggests any of the states receiving an attainment date extension are not in compliance with their SIPs. Absent such a showing, the EPA is disinclined to invalidate the certifications made by the states.

[11] *See* Berry Memorandum.

C. Determinations of Failure To Attain and Reclassification

Pursuant to CAA section 181(b)(2), the EPA is finalizing its proposed determinations that the 11 Marginal nonattainment areas listed in Table 3 have failed to attain the 2008 ozone NAAQS by the applicable attainment date of July 20, 2015. Therefore, upon the effective date of this rule, these 11 Marginal 2008 ozone nonattainment areas will be reclassified by operation of law to Moderate for the 2008 ozone standard. The EPA received a number of adverse comments on its proposal to find that certain Marginal nonattainment areas failed to attain and to reclassify those areas. We summarize and respond to some of the key comments later. The docket for this action contains a more detailed Response to Comments document.

Comment: A number of commenters, while conceding that air quality monitoring data factually required the EPA to determine that an area failed to attain by its attainment date, alleged that certain nonattainment areas' failure to attain by the Marginal area attainment date was due in large part to the influence of transported emissions from upwind states. These commenters alleged that the EPA has not done enough to enforce CAA section 110(a)(2)(D), which requires states to eliminate emissions that significantly contribute to, or interfere with maintenance of the NAAQS in other states. One commenter further noted that the EPA's current strategy with regard to ozone transport addresses only the revoked 85 parts per billion (ppb) standard, and that the EPA has no strategy to reduce transport after 2017.

Response: The agency's mandatory duty to make determinations of attainment or failure to attain the NAAQS exists regardless of the nature or effect of transported emissions on monitored air quality data in a given nonattainment area.[12] Nonetheless, the EPA readily acknowledges the role interstate transport of precursors to ozone pollution plays in the efforts of downwind areas to attain and maintain the NAAQS. To that end, as commenters have alluded to, the agency has taken a number of steps to fulfill its statutory obligation to enforce CAA section 110(a)(2)(D), or the "good neighbor" provision, including the NO_X SIP Call, the Clean Air Interstate Rule, and the Cross-State Air Pollution Rule (CSAPR). most recently, the EPA has proposed to update CSAPR specifically to address the 2008 ozone NAAQS with tightened NO_X budgets designed to achieve emission reductions in upwind states before the Moderate area attainment date of July 2018.

[12] *See Sierra Club* v. *EPA*, 294 F.3d 155, 160–62 (D.C. Cir. 2002) (holding that the EPA is not permitted to relax mandatory statutory requirements for downwind areas on the basis of interstate transport).

D. Moderate Area SIP Revision Submission Deadline

The EPA received a number of comments on its two proposed options for establishing the Moderate area SIP due date that would apply to areas newly reclassified under this final action. After full consideration of those comments and pursuant to CAA section 182(i), the EPA is finalizing that SIP revisions required for the newly reclassified Moderate areas must be submitted as expeditiously as practicable, but no later than January 1, 2017. The EPA acknowledges that for some states with Moderate nonattainment areas reclassified from Marginal, meeting this SIP submittal deadline may be challenging. The EPA is committed to working closely with these states to help them prepare their SIP revisions in a timely manner.

We summarize and provide responses to the most significant comments on this issue later; however, all comments received on the proposed options and the EPA's responses are available in the Response to Comment document located in the docket for this final rule.

Comment: One commenter contended that the EPA failed to provide a legal basis for extending the SIP submittal deadlines for Moderate nonattainment areas. The commenter believed that the EPA made no claim that the 2017 SIP submittal deadlines are necessary or appropriate to assure consistency among the required submissions. The commenter also believed that the EPA's proposed extension would interfere with the attainment date and contravene CAA section 110(l). The commenter pointed out that if the EPA finalized the SIP submission deadline to coincide with the area's beginning of the ozone monitoring season, the consequence would be that the EPA would have less than 18 months to take action on state SIP submittals, as late as July 2018, which is very near the attainment date. The commenter believed that would be far too late for the EPA to require timely corrections of SIPs that fail to satisfy the requirements and fail to assure timely attainment.

Response: The EPA disagrees with the commenter on all aspects of these comments. First, we believe that CAA section 182(i) clearly provides the Administrator the discretion to adjust any applicable deadline for reclassified

areas (other than attainment dates) to the extent such adjustment is necessary or appropriate to assure consistency among the required submissions.

The EPA disagrees with the implication of the comment that the default assumption upon reclassification is that the EPA would not adjust the Moderate area SIP submission deadlines. The fact that Congress included CAA section 182(i) in the statute indicates that it envisioned that upon reclassification, deadlines would be adjusted by the Administrator in a reasonable fashion. This is a particularly reasonable interpretation under the facts at issue here: The attainment date for Marginal areas under the statute and regulations was July 20, 2015, and the Moderate area SIP submission date for areas initially classified as Moderate for the 2008 ozone NAAQS was also July 20, 2015. Under CAA section 181(b)(2)(A), the EPA must make determinations of attainment and necessary reclassifications within 6 months of the statutory attainment date. Therefore, under the commenter's interpretation of the CAA, upon reclassification 6 months after July 20, 2015, states would immediately be found to be in default of the obligation to submit a Moderate area plan, a deadline that had passed 6 months prior, even though that obligation did not apply until the moment of reclassification. We do not agree that Congress would have intended the draconian and absurd result of providing states initial notice of an obligation and in the same action finding them at fault for already failing to have met that obligation. Therefore, the EPA believes that it is reasonable to read CAA section 182(i) in the context of the 11 reclassified 2008 Marginal ozone areas to provide the Administrator the authority to adjust the applicable deadline for Moderate area attainment plans "as necessary or appropriate to assure consistency among the required submissions."

Moreover, failing to establish new Moderate area SIP submission deadlines for the 11 areas that we are reclassifying in this rulemaking would lead to potential inconsistency in required submissions among those areas. Under the commenter's interpretation, these areas would all have missed their deadline to submit a Moderate area plan on July 20, 2015. The commenter would, therefore, have the EPA begin issuing findings of failure to submit under CAA section 110(k), which are required by statute 6 months following the statutory deadline to submit a SIP, simultaneously with this action, that is, the EPA's determination that the areas failed to attain and reclassification of those areas. Following the EPA's issuance of findings of failure to submit for the 11 areas, there would be no defined statutory or regulatory deadline by which to remedy the states' failures to make submittals, except the outside limit of 2 years, the deadline for EPA's obligation to implement a Federal Implementation Plan (FIP). Additionally, if the EPA had not affirmatively determined that a state had made a complete SIP submittal for an area within 18 months from the issuance of a finding of failure to submit, the offset sanction identified in CAA section 179(b)(2) would apply to the affected nonattainment area.

The EPA also disagrees with the commenter that establishing a new SIP submittal deadline for the reclassified areas is in contravention of CAA section 110(l). CAA section 110(l) requires that plan revisions must go through notice and public hearing at the state level before submission to the EPA, and that "the Administrator shall not approve a revision of a plan if the revision would interfere with any applicable requirement concerning attainment and reasonable further progress . . . or any other applicable requirement of this chapter." In order for the EPA's proposed SIP submittal date to be in contravention of CAA section 110(l), one has to assume that the states will submit deficient SIPs and that the EPA will not take any kind of corrective action on those SIPs until after the maximum possible time period permitted under the statue to take action on such submittals (18 months) has passed. Only then could a SIP submittal date of more than 18 months prior to the attainment date be interpreted as interfering with the attainment of the NAAQS. The EPA does not believe this is a reasonable reading of CAA section 110(l) or the circumstances of these reclassifications and SIP deadline adjustments. While the EPA acknowledges that the timeline for preparation and submittal of SIPs must be compressed in order for measures to be in place to ensure areas attain by their new Moderate area attainment date, in establishing the new SIP submittal deadlines for these reclassified areas, the agency is also taking into account the time required for states to identify measures, complete the public notice and hearing process at the state level, and prepare SIP submissions.

Comment: Several commenters supported the EPA's proposed option to align the deadline for SIP revisions with the start of the respective nonattainment area's 2017 ozone season. They cited a number of reasons this option was preferred, including that more time would be provided to states to accomplish planning, administrative and SIP revisions processes in order to meet the deadline. They also cited that this option would be consistent among states in that they would need to submit their SIP revisions by their respective ozone seasons. However, another commenter pointed out that finalizing this option would result in SIP submittal dates that would be varied among the states and, therefore, inconsistent. The same commenter also stated that setting the SIP deadline for the beginning of each area's ozone season would not be compatible with ensuring implementation of RACT by January 1, 2017, which is the deadline established in 40 CFR 51.1112(a)(3).

Response: As noted earlier, of the 11 areas being reclassified to Moderate, there are only four areas located in states with ozone seasons that begin later than January 1 that could potentially benefit from an extra 2 months to submit their SIP revisions. While the EPA recognizes the value of additional time (beyond January 1, 2017) to these states to develop an attainment demonstration, an RFP plan, and contingency measures, the EPA also recognizes the value in establishing a single due date for Moderate area SIP submissions—including RACT—that does not extend beyond the deadline for implementing such controls. Thus, the EPA is finalizing its second proposed option, which requires that states submit the required Moderate area SIP revisions as expeditiously as practicable, but no later than January 1, 2017. This approach aligns the SIP submittal deadline with the January 1, 2017, deadline for implementing RACT pursuant to 40 CFR 51.1112(a)(3), for each area, and would also ensure that SIPs requiring control measures needed for attainment, including RACM, would be submitted prior to when those controls are required to be implemented. This option also treats states consistently, in keeping with CAA section 182(i). The EPA recognizes the challenges posed by these very short deadlines and is committed to working closely with all states to help them prepare their SIP revisions, including parallel processing, in a timely manner.

E. Rescission of Clean Data Determination and Final SIP Call for the 1997 8-Hour Ozone NAAQS for the New York-N. New Jersey-Long Island (NY-NJ-CT) Nonattainment Area

This action finalizes the EPA's determination that the NY-NJ-CT nonattainment area failed to attain the

2008 standard by the Marginal area attainment date of July 20, 2015, and must be reclassified to Moderate by operation of law in accordance with CAA section 181(b)(2)(A). In addition, the EPA is also finalizing in this rulemaking the proposed rescission of its prior CDD for the NY-NJ-CT nonattainment area with regard to the 1997 8-hour ozone NAAQS, as well as the accompanying SIP Call proposed with that rescission. As noted previously, in the May 2014 proposal, the EPA proposed that one way the affected states could respond to the SIP Call would be to voluntarily request a reclassification under the 2008 ozone NAAQS and to submit a SIP that meets the Moderate area requirements for that standard.

By reclassifying the area by operation of law, this final action effectively eliminates the need for the three affected states to request reclassification under this option. However, as explained in the agency's August 27, 2015, proposal and reiterated later, the EPA believes it is appropriate for the three states involved to be able to meet their obligations under the SIP Call for the 1997 ozone NAAQS with their Moderate area SIP submittal for the 2008 ozone standard. This final action also supersedes the 18 months, which is the maximum period allowed under CAA section 110(k)(5), that EPA proposed to provide the states of New York, New Jersey and Connecticut from the effective date of a final SIP Call to develop and submit to the EPA the relevant SIPs for the 1997 or 2008 ozone NAAQS. As discussed previously, the EPA is finalizing that the required SIP revisions for these areas shall be submitted as expeditiously as practicable, but no later than January 1, 2017. We also note that this deadline meets the statutory timeframe for a SIP revision under CAA section 110(k)(5).

The EPA did not receive adverse comments on its August 27, 2015, proposal to reclassify the NY-NJ-CT nonattainment area to Moderate, nor did the EPA receive comments about its statement that submitting an attainment plan for the 2008 ozone standard would satisfy a final SIP Call on the 1997 ozone standard. We received a number of comments on the May 15, 2014, proposal (79 FR 27830) to rescind the CDD for the NY-NJ-CT 1997 8-hour ozone nonattainment area and the accompanying SIP Call for attainment plans. We summarize later some of the significant comments submitted in response to the May 15, 2014, proposal and our responses. Additionally, we have made available a more detailed summary of comments and responses in a document titled, "*Response to Comments: Proposed Rule: Rescission of Determination of Attainment and Call for Attainment Plans for New York, New Jersey and Connecticut for the 1997 8-Hour Ozone National Ambient Air Quality Standards for the NY-NJ-CT 1997 Ozone Nonattainment Area,*" which is available in the docket associated with this rulemaking.

Comment: One commenter believed that CAA section 110(k)(5) either compels or provides the EPA the authority necessary to expand the proposed SIP Call to include any state that is shown to significantly contribute to the failure of the NY-NJ-CT area to attain because these states have failed to meet their obligations under CAA section 110(a)(2)(D)(i)(I).[13] The commenter further believed that CAA section 110(k)(5) allows the EPA to issue a SIP Call to address states' SIPs that are inadequate in mitigating transport as described in CAA sections 176A and 184. The commenter believed that the U.S. Supreme Court decision in *EPA* v. *EME Homer City* (134 S. Ct. 1584 (2014)), compels the EPA to immediately issue FIPs for upwind states that have failed to take all necessary steps to make it feasible for any nonattainment area significantly impacted by interstate air pollution to attain and maintain both the 1997 and 2008 8-hour ozone NAAQS. Finally, the commenter noted that the "CSAPR modeling shows that Connecticut receives no more than a 0.2 ppb total benefit from the CSAPR remedy, which is entirely inadequate given the overwhelming scope of transport."

Response: CAA section 110(a)(2)(D)(i)(I) requires states to prohibit emissions that contribute significantly to nonattainment in, or interfere with maintenance by any other state with respect to primary and secondary NAAQS. In the CSAPR promulgated on August 8, 2011 (76 FR 48207), the EPA found that emissions of sulfur dioxide and NO_X in 27 eastern, midwestern, and southern states contribute significantly to nonattainment or interfere with maintenance in one or more downwind states with respect to one or more of three air quality standards—the annual $PM_{2.5}$ NAAQS promulgated in 1997, the 24-hour $PM_{2.5}$ NAAQS promulgated in 2006, and, as relevant here, the ozone NAAQS promulgated in 1997.

For the 1997 ozone NAAQS specifically, twenty states are required under CSAPR to reduce NO_X emissions during the ozone season (May through September) because they contribute to downwind states' ozone pollution. The emission reductions under CSAPR in these upwind states will improve ozone air quality in downwind states and help them attain and maintain the 1997 8-hour ozone standard.

The timing of CSAPR's implementation was initially affected by litigation over the rule. On December 30, 2011, the D.C. Circuit stayed the effectiveness of CSAPR pending resolution of judicial review. On August 21, 2012, the D.C. Circuit vacated CSAPR,[14] but on April 29, 2014, the U.S. Supreme Court issued an opinion reversing the D.C. Circuit's 2012 decision and remanded the case to the D.C. Circuit.[15] Following the remand, on October 23, 2014, the D.C. Circuit granted the EPA's motion to lift the CSAPR stay and toll the CSAPR compliance deadlines by 3 years. Accordingly, CSAPR Phase 1 implementation began on January 1, 2015, with Phase 2 beginning in 2017. *See* CSAPR interim final rule at 81 FR 13275 (March 14, 2016). Subsequently, the D.C. Circuit issued its final ruling as to CSAPR, affirming it in most respects but invalidating without vacating several of the rule's state-specific budgets, including some of the rule's Phase 2 ozone-season NO_X budgets.[16] The EPA has since proposed a rulemaking to update to the CSAPR ozone-season NO_X budgets in order to address the more stringent 2008 ozone NAAQS and to respond to the D.C. Circuit's remand of the Phase 2 ozone-season NO_X budgets.[17] As proposed, the CSAPR Update ozone-season NO_X budgets would be effective starting in 2017, effectively replacing CSAPR Phase 2.

The EPA disagrees with the commenter that the Supreme Court's decision in *EPA* v. *EME Homer City* compels the agency to issue new FIPs or to expand the scope of the proposed SIP Call to address the 1997 and 2008 8-hour ozone NAAQS. The Supreme Court did, however, confirm that the EPA properly issued the CSAPR FIPs in response to disapprovals of SIPs or findings of failure to submit SIPs implementing states' 110(a)(2)(D)(i)(I) obligations with regard to the 1997 ozone NAAQS. Those FIPs took effect and began implementation on January 1,

[13] The commenter refers to states' interstate transport obligations under CAA section 110(a)(2)(D)(ii), but the EPA understands these citations to in fact refer to the good neighbor provision, which is CAA section 110(a)(2)(D)(i)(I).

[14] *EME Homer City Generation, L.P.* v. *EPA*, 696 F.3d 7, 38 (D.C. Circuit 2012).

[15] *EPA* v. *EME Homer City Generation, L.P.*, 134 S. Ct. 1584 (2014).

[16] *EME Homer City Generation, L.P.* v. *EPA*, 795 F.3d 118 (D.C. Circuit 2015).

[17] 80 FR 75706 (December 3, 2015).

2015 pursuant to the D.C. Circuit's grant of the EPA's motion requesting lifting of the stay, so we note that at the time the NY-NJ-CT area fell back into nonattainment of the 1997 standard, it did not have the benefit of CSAPR reductions. While the commenter points out that modeling conducted for the CSAPR rulemaking projected that the remedy would provide "no more than a 0.2 ppb total benefit," the same modeling also predicted that those reductions, once implemented, would fully resolve nonattainment and maintenance problems for the 1997 ozone NAAQS in the receptors identified in the NY-NJ-CT nonattainment area. For upwind states that were linked only to receptors where downwind nonattainment and maintenance problems were fully resolved under the remedy, the EPA found that CSAPR quantified the full reduction responsibility for the 1997 ozone NAAQS under CAA section 110(a)(2)(D)(i)(I).[18] Therefore, the EPA could not expand the scope of the SIP Call being issued on the basis that upwind states had not fulfilled their 110(a)(2)(D)(i)(I) obligations as to the 1997 ozone NAAQS when the EPA has already issued a FIP that fully resolves the obligations of those states with respect to that standard.

The EPA also does not agree that it would be appropriate in this action to more broadly apply its 110(k)(5) authority to include additional states in this SIP Call to address interstate pollutant transport as described in sections 176A and 184 of the CAA. The EPA acknowledges that a number of states, including Connecticut and New York, submitted a petition under CAA section 176A requesting that the EPA add additional states to the Ozone Transport Region (OTR) that was established under section 184 of the CAA. The EPA is reviewing that petition separately and is not acting on that petition in this action. In addition, the EPA's authority to require SIP revisions under 110(k)(5) as they relate to additional control measures required by CAA section 184 applies to only states that are currently part of the OTR.

III. Environmental Justice Considerations

The CAA requires that states with areas designated as nonattainment submit to the Administrator the appropriate SIP revisions and implement specified control measures by certain dates applicable to the area's classification. By requiring additional planning and implementation requirements for the 11 nonattainment areas that we determined failed to attain the 2008 ozone NAAQS standard, the part of this action reclassifying those 11 areas from Marginal to Moderate will protect all those residing, working, attending school, or otherwise present in those areas regardless of minority or economic status.

IV. Statutory and Executive Order Reviews

A. Executive Order 12866: Regulatory Planning and Review and Executive Order 13563: Improving Regulation and Regulatory Review

This action is exempt from review by the Office of Management and Budget (OMB) because it makes determinations if designated 2008 ozone nonattainment areas are either attaining or failing to attain the 2008 ozone NAAQS by the attainment date along with resulting reclassifications or determination to grant 1-year attainment date extensions.

B. Paperwork Reduction Act (PRA)

This rule does not impose any new information collection burden under the PRA. OMB has previously approved the information collection activities contained in the existing regulations and has assigned OMB control number 2060–0695. This action to find that the Marginal ozone nonattainment areas listed in Table 3 failed to attain the 2008 NAAQS by the applicable attainment date, to reclassify those areas as Moderate ozone nonattainment areas, and to adjust any applicable deadlines, does not establish any new information collection burden that has not already been identified in the existing 2008 ozone NAAQS Information Collection Request number 2347.01.

C. Regulatory Flexibility Act (RFA)

I certify that this action will not have a significant economic impact on a substantial number of small entities under the RFA. This action will not impose any requirements on small entities. Determinations of nonattainment and the resulting reclassification of nonattainment areas by operation of law under section 181(b)(2) of the CAA do not in and of themselves create any new requirements. Instead, this rulemaking only makes a factual determination, and does not directly regulate any entities. This action also establishes the deadline by which states will need to submit revisions to their SIPs to address the new Moderate area requirements, and that deadline, if based on the statute, would otherwise be more stringent. In this final action, the EPA is exercising discretion under CAA section 182(i) which allows the Administrator to provide state air agencies additional time to comply with those requirements.

D. Unfunded Mandates Reform Act (UMRA)

This action does not contain any unfunded mandate as described in UMRA, 2 U.S.C. 1531–1538, and does not significantly or uniquely affect small governments. This action imposes no enforceable duty on any state, local or tribal governments or the private sector.

E. Executive Order 13132: Federalism

This action does not have federalism implications. It will not have substantial direct effects on the states, on the relationship between the national government and the states, or on the distribution of power and responsibilities among the various levels of government.

F. Executive Order 13175: Consultation and Coordination With Indian Tribal Governments

This action does not have tribal implications as specified in Executive Order 13175. No tribal areas are implicated in the 11 areas that we are finding to have failed to meet their attainment date. The CAA and the Tribal Authority Rule establish the relationship of the federal government and tribes in developing plans to attain the NAAQS, and this rule does nothing to modify that relationship. Thus, Executive Order 13175 does not apply to this action.

G. Executive Order 13045: Protection of Children From Environmental Health and Safety Risks

The EPA interprets Executive Order 13045 as applying only to those regulatory actions that concern environmental health or safety risks that the EPA has reason to believe may disproportionately affect children, per the definition of "covered regulatory action" in section 2–202 of the Executive Order. This action is not subject to Executive Order 13045 because this action determines that 11 areas, identified in Table 3, did not attain the 2008 ozone standard by their applicable attainment date and to reclassify these areas as Moderate ozone nonattainment areas and to adjust applicable deadlines.

[18] *See* 76 FR 48210, Federal Implementation Plans: Interstate Transport of Fine Particulate Matter and Ozone and Correction of SIP Approvals (August 8, 2011).

H. Executive Order 13211: Actions That Significantly Affect Energy Supply, Distribution, or Use

This action is not subject to Executive Order 13211, because it is not a significant regulatory action under Executive Order 12866.

I. National Technology Transfer and Advancement Act

This rulemaking does not involve technical standards.

J. Executive Order 12898: Federal Actions To Address Environmental Justice in Minority Populations and Low-Income Populations

The EPA believes the human health or environmental risk addressed by this action will not have potential disproportionately high and adverse human health or environmental effects on minority, low-income or indigenous populations. The results of this evaluation are contained in the section of the preamble titled "Environmental Justice Considerations."

K. Congressional Review Act (CRA)

This rule is exempt from the CRA because it is a rule of particular applicability that names specific entities where this rule makes factual determinations and does directly regulate any entities. The determinations of attainment and failure to attain the 2008 ozone NAAQS (and resulting reclassifications), and the determination to grant 1-year attainment date extensions do not in themselves create any new requirements beyond what is mandated by the CAA.

L. Judicial Review

Under section 307(b)(1) of the CAA, petitions for judicial review of final actions that are locally and regionally applicable may be filed only in the United States Court of Appeals for the appropriate circuit. However, the statute also provides that notwithstanding that general rule, "a petition for review of any action . . . may be filed only in the United States Court of Appeals for the District of Columbia if such action is based on a determination of nationwide scope or effect and if in taking such action the Administrator finds and publishes that such action is based on such a determination." 42 U.S.C. 7607(b)(1). *See also Dalton Trucking* v. *EPA,* 808 F.3d 875 (D.C. Circuit 2015). Because this final action makes findings with regard to nonattainment areas across the country, interprets the CAA and applies such interpretations to states and nonattainment areas across the country, and establishes SIP deadlines for newly reclassified areas in different states in a consistent fashion, the Administrator finds that this action has nationwide scope and effect. Therefore, in accordance with CAA section 307(b)(1), petitions for review of this final action may be filed only in the United States Court of Appeals for the District of Columbia Circuit by July 5, 2016. Note, under CAA section 307(b)(2), the requirements established by this final rule may not be challenged separately in any civil or criminal proceedings for enforcement.

List of Subjects

40 CFR Part 52

Environmental protection, Administrative practice and procedure, Air pollution control, Designations and classifications, Incorporation by reference, Intergovernmental relations, Nitrogen oxides, Ozone, Reporting and recordkeeping requirements, Volatile organic compounds.

40 CFR Part 81

Environmental protection, Administrative practice and procedure, Air pollution control, Designations and classifications, Intergovernmental relations, Nitrogen oxides, Ozone, Reporting and recordkeeping requirements, Volatile organic compounds.

Authority: 42 U.S.C. 7401 *et seq.*

Dated: April 11, 2016.

Gina McCarthy,

Administrator.

For the reasons stated in the preamble, parts 52 and 81, title 40, chapter I of the Code of Federal Regulations are amended as follows:

PART 52—APPROVAL AND PROMULGATION OF IMPLEMENTATION PLANS

■ 1. The authority citation for part 52 continues to read as follows:

Authority: 42 U.S.C. 7401 *et seq.*

Subpart E—Arkansas

■ 2. Add § 52.174 to read as follows:

§ 52.174 Control strategy and regulations: Ozone.

(a) The EPA has determined that the Crittenden County Marginal 2008 ozone NAAQS nonattainment area attained the NAAQS by the applicable attainment date of July 20, 2015.

(b) [Reserved]

Subpart F—California

■ 3. Section 52.282 is amended by revising paragraphs (e) introductory text and (e)(1) and (2) to read as follows:

§ 52.282 Control strategy and regulations: Ozone.

* * * * *

(e) *Determinations of attainment.* Effective June 3, 2016.

(1) *Approval of applications for extensions of applicable attainment dates.* Under section 181(a)(5) of the Clean Air Act, the EPA is approving the applications submitted by the California Air Resources Board dated June 1, 2015, referencing the District's letter of May 19, 2015, for extensions of the applicable attainment date for the San Luis Obispo (Eastern San Luis Obispo), CA 2008 8-hour ozone nonattainment areas from July 20, 2015 to July 20, 2016.

(2) *Determinations of attainment.* The EPA has determined that the Calaveras County, Chico (Butte County), San Francisco Bay Area and Tuscan Buttes 2008 8-hour ozone nonattainment areas in California have attained the 2008 8-hour ozone standard by the July 20, 2015 applicable attainment date, based upon complete quality-assured data for 2012–2014. Therefore, the EPA has met its obligation pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. As a result of these determinations, the Calaveras County, Chico (Butte County), San Francisco Bay Area and Tuscan Buttes 2008 8-hour ozone nonattainment areas in California will not be reclassified for failure to attain by their July 20, 2015, applicable attainment date under section 181(b)(2)(A).

* * * * *

Subpart H—Connecticut

■ 4. Section 52.377 is amended by adding paragraph (p) to read as follows:

§ 52.377 Control strategy: Ozone.

* * * * *

(p) *Rescission of clean data determination for the 1997 eight-hour ozone standard.* Effective June 3, 2016, the EPA is determining that complete quality-assured and certified ozone monitoring data for 2012–2014 show the NY-NJ-CT 1997 eight-hour ozone nonattainment area did not meet 1997 eight-hour ozone standard. Therefore, the EPA is rescinding the clean data determination for the 1997 eight-hour ozone standard only. The prior determination (*see* paragraph k of this section) is in accordance with 40 CFR 51.918. The prior determination suspended the requirements for this area to submit an attainment demonstration, associated reasonably available control measures, a reasonable

further progress plan, contingency measures, and other planning SIPs related to attainment of the standard for as long as this area continues to meet the 1997 annual eight-hour ozone NAAQS. This rescission of the clean data determination will result in a SIP Call for a new ozone attainment demonstration, associated reasonably available control measures, a reasonable further progress plan, contingency measures, and other planning SIPs related to attainment of the standard, for this area only. If the revised plan is approved by the EPA as demonstrating reasonable further progress and attainment for the more stringent 2008 NAAQS by the Moderate area attainment date, and is approved by the EPA as containing adequate contingency measures for the 2008 NAAQS, then the plan would be deemed to have also satisfied requirements of the SIP Call associated with violations for the 1997 NAAQS.

Subpart I—Delaware

■ 5. Section 52.425 is amended by adding paragraph (c) to read as follows:

§ 52.425 Determinations of attainment.

* * * * *

(c) The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Seaford, DE 2008 ozone Marginal nonattainment area has attained the 2008 ozone NAAQS by the applicable attainment date of July 20, 2015. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. The EPA also determined that the Seaford nonattainment area will not be reclassified for failure to attain by its applicable attainment date under section 181(b)(2)(A).

Subpart P—Indiana

■ 6. Section 52.777 is amended by adding paragraph (tt) to read as follows:

§ 52.777 Control strategy: photochemical oxidants (hydrocarbons).

* * * * *

(tt) *Determination of attainment.* As required by section 181(b)(2)(A) of the Clean Air Act, the EPA has determined that the Cincinnati, OH-KY-IN Marginal 2008 ozone nonattainment area has attained the 2008 ozone NAAQS by the applicable attainment date of July 20, 2015.

Subpart S—Kentucky

■ 7. Section 52.930 is amended by adding paragraph (m) to read as follows:

§ 52.930 Control strategy: Ozone.

* * * * *

(m) *Determination of attainment.* The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Cincinnati, OH-KY-IN 2008 ozone Marginal nonattainment area has attained the 2008 ozone NAAQS. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. The EPA also determined that the Cincinnati, OH-KY-IN nonattainment area will not be reclassified for failure to attain by its applicable attainment date under section 181(b)(2)(A).

Subpart T—Louisiana

■ 8. Section 52.977 is amended by adding paragraph (f) to read as follows:

§ 52.977 Control strategy and regulations: Ozone.

* * * * *

(f) The EPA has determined that the Baton Rouge Marginal 2008 ozone NAAQS nonattainment area attained the NAAQS by the applicable attainment date of July 20, 2015.

Subpart W—Massachusetts

■ 9. Section 52.1129 is amended by adding paragraph (k) to read as follows:

§ 52.1129 Control strategy: Ozone.

* * * * *

(k) *Determination of attainment for the eight-hour ozone standard.* Effective June 3, 2016, the EPA is determining that complete quality-assured and certified ozone monitoring data for 2012 to 2014 show the Dukes County, Massachusetts eight-hour ozone nonattainment area attained the 2008 eight-hour ozone standard by its July 20, 2015 attainment deadline. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. The EPA also determined that the Dukes County nonattainment area will not be reclassified for failure to attain by its applicable attainment date under section 181(b)(2)(A).

Subpart Z—Mississippi

■ 10. Add § 52.1273 to read as follows:

§ 52.1273 Control strategy: Ozone.

(a) *Determination of attainment.* The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Memphis, TN-MS-AR 2008 ozone Marginal nonattainment area has attained the 2008 ozone NAAQS. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. The EPA also determined that the Memphis, TN-MS-AR nonattainment area will not be reclassified for failure to attain by its applicable attainment date under section 181(b)(2)(A).

(b) [Reserved]

Subpart FF—New Jersey

§ 52.1576 [Amended]

■ 11. Section 52.1576 is amended by remove paragraph (d).

■ 12. Section 52.1582 is amended by adding paragraph (p) to read as follows:

§ 52.1582 Control strategy and regulations: Ozone.

* * * * *

(p) *Rescission of clean data determination for the 1997 eight-hour ozone standard.* Effective June 3, 2016, the EPA is determining that complete quality-assured and certified ozone monitoring data for 2012–2014 show the New York-Northern New Jersey-Long Island, NY-NJ-CT 1997 eight-hour ozone nonattainment area did not meet 1997 eight-hour ozone standard. Therefore, the EPA is rescinding the clean data determination for the 1997 eight-hour ozone standard only. The prior determination (*see* paragraph (n)(2)) is in accordance with 40 CFR 51.918. The prior determination suspended the requirements for this area to submit an attainment demonstration, associated reasonably available control measures, a reasonable further progress plan, contingency measures, and other planning SIPs related to attainment of the standard for as long as this area continues to meet the 1997 annual eight-hour ozone NAAQS. This rescission of the clean data determination will result in a SIP Call for a new ozone attainment demonstration, associated reasonably available control measures, a reasonable further progress plan, contingency measures, and other planning SIPs related to attainment of the standard, for this area only. If the revised plan is approved by the EPA as demonstrating reasonable further progress and attainment for the more stringent 2008 NAAQS by the Moderate area

attainment date, and is approved by the EPA as containing adequate contingency measures for the 2008 NAAQS, then the plan would be deemed to have also satisfied requirements of the SIP Call associated with violations for the 1997 NAAQS.

Subpart HH—New York

■ 13. Section 52.1679 is amended by revising paragraph (b) to read as follows:

§ 52.1679 Determinations of attainment.

* * * * *

(b) *Determination of attainment.* The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Jamestown, NY 2008 ozone Marginal nonattainment area has attained the 2008 ozone NAAQS. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. The EPA also determined that the Jamestown, NY nonattainment area will not be reclassified for failure to attain by its applicable attainment date under section 181(b)(2)(A).

■ 14. Section 52.1683 is amended by revising paragraph (f)(2)(v) and adding paragraph (n) to read as follows:

§ 52.1683 Control strategy: Ozone.

* * * * *

(f) * * *

(2) * * *

(v) Jamestown (consisting of Chautauqua County) as of June 3, 2016.

* * * * *

(n) *Rescission of clean data determination for the 1997 eight-hour ozone standard.* Effective June 3, 2016, the EPA is determining that complete quality-assured and certified ozone monitoring data for 2012 to 2014 show the New York-Northern New Jersey-Long Island, NY-NJ-CT 1997 eight-hour ozone nonattainment area did not meet the 1997 eight-hour ozone standard. Therefore, the EPA is rescinding the clean data determination for the 1997 eight-hour ozone standard only. The prior determination (*see* paragraph (f)(2)(viii) of this section) is in accordance with 40 CFR 51.918. The prior determination suspended the requirements for this area to submit an attainment demonstration, associated reasonably available control measures, a reasonable further progress plan, contingency measures, and other planning SIPs related to attainment of the standard for as long as this area continues to meet the 1997 annual eight-hour ozone NAAQS. This rescission of the clean data determination will result in a SIP Call for a new ozone attainment demonstration, associated reasonably available control measures, a reasonable further progress plan, contingency measures, and other planning SIPs related to attainment of the standard, for this area only. If the revised plan is approved by the EPA as demonstrating reasonable further progress and attainment for the more stringent 2008 NAAQS by the Moderate area attainment date, and is approved by the EPA as containing adequate contingency measures for the 2008 NAAQS, then the plan would be deemed to have also satisfied requirements of the SIP Call associated with violations for the 1997 NAAQS.

Subpart II—North Carolina

■ 15. Section 52.1779 is amended by adding paragraph (c) to read as follows:

§ 52.1779 Control strategy: Ozone.

* * * * *

(c) *Determination of attainment.* The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Charlotte-Rock Hill, NC-SC 2008 ozone Marginal nonattainment area has attained the 2008 ozone NAAQS. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. The EPA also determined that the Charlotte-Rock Hill, NC-SC nonattainment area will not be reclassified for failure to attain by its applicable attainment date under section 181(b)(2)(A).

Subpart KK—Ohio

■ 16. Section 52.1885 is amended by adding paragraph (nn) to read as follows:

§ 52.1885 Control strategy: Ozone.

* * * * *

(nn) *Determination of attainment.* As required by section 181(b)(2)(A) of the Clean Air Act, the EPA has determined that the Cincinnati, OH-KY-IN and Columbus, OH Marginal 2008 ozone nonattainment areas have attained the NAAQS by the applicable attainment date of July 20, 2015.

Subpart NN—Pennsylvania

■ 17. Section 52.2056 is amended by adding paragraphs (k), (l), and (m) to read as follows:

§ 52.2056 Determinations of attainment.

* * * * *

(k) The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Allentown-Bethlehem-Easton, PA 2008 ozone Marginal nonattainment area has attained the 2008 8-hour ozone NAAQS by the applicable attainment date of July 20, 2015. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality as of the attainment date, whether the area attained the 2008 8-hour ozone NAAQS. The EPA also determined that the Allentown-Bethlehem-Easton, PA marginal nonattainment area will not be reclassified for failure to attain by its applicable attainment date pursuant to section 181(b)(2)(A).

(l) The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Lancaster, PA 2008 ozone Marginal nonattainment area has attained the 2008 8-hour ozone NAAQS by the applicable attainment date of July 20, 2015. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality as of the attainment date, whether the area attained the 2008 8-hour ozone NAAQS. The EPA also determined that the Lancaster, PA Marginal nonattainment area will not be reclassified for failure to attain by its applicable attainment date pursuant to section 181(b)(2)(A).

(m) The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Reading, PA 2008 ozone Marginal nonattainment area has attained the 2008 8-hour ozone NAAQS by the applicable attainment date of July 20, 2015. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality as of the attainment date, whether the area attained the 2008 8-hour ozone NAAQS. The EPA also determined that the Reading, PA Marginal nonattainment area will not be reclassified for failure to attain by its applicable attainment date pursuant to section 181(b)(2)(A).

Subpart PP—South Carolina

■ 18. Section 52.2125 is amended by adding paragraph (c) to read as follows:

§ 52.2125 Control strategy: Ozone.

* * * * *

(c) *Determination of attainment.* The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Charlotte-Rock Hill, NC-SC 2008 ozone Marginal nonattainment area has attained the 2008 ozone NAAQS. Therefore, the EPA has met the requirement pursuant to

CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. The EPA also determined that the Charlotte-Rock Hill, NC-SC nonattainment area will not be reclassified for failure to attain by its applicable attainment date under section 181(b)(2)(A).

Subpart RR—Tennessee

■ 19. Section 52.2235 is amended by adding paragraph (d) to read as follows:

§ 52.2235 Control strategy: Ozone.

* * * * *

(d) *Determination of attainment.* The EPA has determined, as of June 3, 2016, that based on 2011 to 2013 ambient air quality data, the Knoxville, TN and Memphis, TN-MS-AR 2008 ozone Marginal nonattainment areas have attained the 2008 ozone NAAQS. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on an area's air quality data as of the attainment date, whether the areas attained the standard. The EPA also determined that the Knoxville, TN and Memphis, TN-MS-AR nonattainment areas will not be reclassified for failure to attain by their applicable attainment date under section 181(b)(2)(A).

Subpart ZZ—Wyoming

■ 20. Add § 52.2623 to read as follows:

§ 52.2623 Control strategy and regulations: Ozone.

(a) *Determination of attainment.* The EPA has determined, as of June 3, 2016, that based on 2012 to 2014 ambient air quality data, the Upper Green River Basin Area, WY 2008 ozone Marginal nonattainment area has attained the 2008 ozone NAAQS. Therefore, the EPA has met the requirement pursuant to CAA section 181(b)(2)(A) to determine, based on the area's air quality data as of the attainment date, whether the area attained the standard. The EPA also determined that the Upper Green River Basin Area, WY nonattainment area will not be reclassified for failure to attain by its applicable attainment date under section 181(b)(2)(A).

(b) [Reserved]

PART 81—DESIGNATION OF AREAS FOR AIR QUALITY PLANNING PURPOSES

■ 21. The authority citation for part 81 continues to read as follows:

Authority: 42 U.S.C. 7401, *et seq.*

Subpart C—Section 107 Attainment Status Designations

■ 22. Section 81.303 is amended in the table for "Arizona-2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the heading entry for "Phoenix-Mesa, AZ" and the entries for "Maricopa County (part)" to read as follows:

§ 81.303 Arizona.

* * * * *

ARIZONA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Phoenix-Mesa, AZ: [2]		Nonattainment	6/3/16	Moderate.
Maricopa County (part)				
T1N, R1E (except that portion in Indian Country); T1N, R2E; T1N, R3E; T1N, R4E; T1N, R5E; T1N, R6E; T1N, R7E; T1N, R1W; T1N, R2W; T1N, R3W; T1N, R4W; T1N, R5W; T1N, R6W; T1N, R7W; T1N, R8W; T2N, R1E; T2N, R2E; T2N, R3E; T2N, R4E; T2N, R5E; T2N, R6E; T2N, R7E; T2N, R8E; T2N, R9E; T2N, R10E; T2N, R11E; T2N, R12E (except that portion in Gila County); T2N, R13E (except that portion in Gila County); T2N, R1W; T2N, R2W; T2N, R3W; T2N, R4W; T2N, R5W; T2N, R6W; T2N, R7W; T2N, R8W; T3N, R1E; T3N, R2E; T3N, R3E; T3N, R4E; T3N, R5E; T3N, R6E; T3N, R7E; T3N, R8E; T3N, R9E; T3N, R10E (except that portion in Gila County); T3N, R11E (except that portion in Gila County); T3N, R12E (except that portion in Gila County); T3N, R1W; T3N, R2W; T3N, R3W; T3N, R4W; T3N, R5W; T3N, R6W; T4N, R1E; T4N, R2E; T4N, R3E; T4N, R4E; T4N, R5E; T4N, R6E; T4N, R7E; T4N, R8E; T4N, R9E; T4N, R10E (except that portion in Gila County); T4N, R11E (except that portion in Gila County); T4N, R12E (except that portion in Gila County); T4N, R1W; T4N, R2W; T4N, R3W; T4N, R4W; T4N, R5W; T4N, R6W; T5N, R1E; T5N, R2E; T5N, R3E; T5N, R4E; T5N, R5E; T5N, R6E; N, R8E; T5N, R9E (except that portion in Gila County); T5N, R10E (except that portion in Gila County); T5N, R1W; T5N, R2W; T5N, R3W; T5N, R4W; T5N, R5W; T6N, R1E (except that portion in Yavapai County); T6N, R2E; T6N, R3E; T6N, R4E; T6N, R5E; T6N, R6E; T6N, R7E; T6N, R8E; T6N, R9E (except that portion in Gila County); T6N, R10E (except that portion in Gila County); T6N, R1W (except that portion in Yavapai County); T6N, R2W; T6N, R3W; T6N, R4W; T6N, R5W; T7N, R1E; (except that portion in Yavapai County); T7N, R2E (except that portion in Yavapai County);				

ARIZONA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
T7N, R3E; T7N, R4E; T7N, R5E; T7N, R6E; T7N, R7E; T7N, R8E; T7N, R9E (except that portion in Gila County); T7N, R1W (except that portion in Yavapai County); T7N, R2W (except that portion in Yavapai County); T8N, R2E (except that portion in Yavapai County); T8N, R3E (except that portion in Yavapai County); T8N, R4E (except that portion in Yavapai County); T8N, R5E (except that portion in Yavapai County); T8N, R6E (except that portion in Yavapai County); T8N, R7E (except that portion in Yavapai County); T8N, R8E (except that portion in Yavapai and Gila Counties); T8N, R9E (except that portion in Yavapai and Gila Counties); T1S, R1E (except that portion in Indian Country); T1S, R2E (except that portion in Pinal County and in Indian Country); T1S, R3E; T1S, R4E; T1S, R5E; T1S, R6E; T1S, R7E; T1S, R1W; T1S, R2W; T1S, R3W; T1S, R4W; T1S, R5W; T1S, R6W; T2S, R1E (except that portion in Indian Country); T2S, R5E; T2S, R6E; T2S, R7E; T2S, R1W; T2S, R2W; T2S, R3W; T2S, R4W; T2S, R5W; T3S, R1E; T3S, R1W; T3S, R2W; T3S, R3W; T3S, R4W; T3S, R5W; T4S, R1E; T4S, R1W; T4S, R2W; T4S, R3W; T4S, R4W; T4S, R5W; T5S, R4W (Sections 1 through 22 and 27 through 34).				
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.

* * * * *

■ 23. Section 81.305 is amended in the table for "California-2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "Imperial County, CA", "Kern County (Eastern Kern), CA", "Mariposa County, CA", "Nevada County (Western part), CA", and "San Diego County, CA", and "San Luis Obispo (Eastern San Luis Obispo), CA" and adding a footnote "5" to read as follows:

§ 81.305 California.

* * * * *

CALIFORNIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
* * * * * * *				
Imperial County, CA: [2]		Nonattainment	6/3/16	Moderate.
Imperial County.				
Quechan Tribe of the Fort Yuma Indian Reservation [3].				
Torres Martinez Desert Cahuilla Indians [3].				
Kern County (Eastern Kern), CA: [2]		Nonattainment	6/3/16	Moderate.
Kern County (part).				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of Kern County (with the exception of that portion in Hydrologic Unit Number 18090205—the Indian Wells Valley) east and south of a line described as follows: Beginning at the Kern-Los Angeles County boundary and running north and east along the northwest boundary of the Rancho La Liebre Land Grant to the point of intersection with the range line common to Range 16 West and Range 17 West, San Bernardino Base and Meridian; north along the range line to the point of intersection with the Rancho El Tejon Land Grant boundary; then southeast, northeast, and northwest along the boundary of the Rancho El Tejon Grant to the northwest corner of Section 3, Township 11 North, Range 17 West; then west 1.2 miles; then north to the Rancho El Tejon Land Grant boundary; then northwest along the Rancho El Tejon line to the southeast corner of Section 34, Township 32 South, Range 30 East, Mount Diablo Base and Meridian; then north to the northwest corner of Section 35, Township 31 South, Range 30 East; then northeast along the boundary of the Rancho El Tejon Land Grant to the southwest corner of Section 18, Township 31 South, Range 31 East; then east to the southeast corner of Section 13, Township 31 South, Range 31 East; then north along the range line common to Range 31 East and Range 32 East, Mount Diablo Base and Meridian, to the northwest corner of Section 6, Township 29 South, Range 32 East; then east to the southwest corner of Section 31, Township 28 South, Range 32 East; then north along the range line common to Range 31 East and Range 32 East to the northwest corner of Section 6, Township 28 South, Range 32 East, then west to the southeast corner of Section 36, Township 27 South, Range 31 East, then north along the range line common to Range 31 East and Range 32 East to the Kern-Tulare County boundary.				
* * * * * * *				
Mariposa County, CA: [2] Mariposa County		Nonattainment	6/3/16	Moderate.
Nevada County (Western part), CA: [2]		Nonattainment	6/3/16	Moderate.
Nevada County (part).				
That portion of Nevada County, which lies west of a line, described as follows: Beginning at the Nevada-Placer County boundary and running north along the western boundaries of Sections 24, 13, 12, 1, Township 17 North, Range 14 East, Mount Diablo Base and Meridian, and Sections 36, 25, 24, 13, 12, Township 18 North, Range 14 East to the Nevada-Sierra County boundary.				
* * * * * * *				
San Diego County, CA: [2]		Nonattainment	6/3/16	Moderate.
San Diego County.				
Barona Group of Capitan Grande Band of Mission Indians of the Barona Reservation [3].				
Campo Band of Diegueno Mission Indians of the Campo Indian Reservation [3].				
Capitan Grande Band of Diegueno Mission Indians of California [3].				
Ewiiaapaayp Band of Kumayaay Indians [3].				
Iipay Nation of Santa Ysabel [3].				
Inaja Band of Diegueno Mission Indians of the Inaja and Cosmit Reservation [3].				
Jamul Indian Village of California [3].				
La Jolla Band of Luiseno Indians [3].				
La Posta Band of Diegueno Mission Indians of the La Posta Indian Reservation [3].				
Los Coyotes Band of Cahuilla and Cupeno Indians [3].				

CALIFORNIA—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Manzanita Band of Diegueno Mission Indians of the Manzanita Reservation [3].				
Mesa Grande Band of Diegueno Mission Indians of the Mesa Grande Reservation [3].				
Pala Band of Luiseno Mission Indians of the Pala Reservation [3].				
Pauma Band of Luiseno Mission Indians of the Pauma and Yuima Reservation [3].				
Rincon Band of Luiseno Mission Indians of the Rincon Reservation [3].				
San Pasqual Band of Diegueno Mission Indians of California [3].				
Sycuan Band of the Kumeyaay Nation [3].				
Viejas (Baron Long) Group of Capitan Grande Band of Mission Indians [3].				
* * *	*	*	*	*
San Luis Obispo (Eastern San Luis Obispo), CA: [2]	.....	Nonattainment	6/3/16	Marginal. [5]
San Luis Obispo County (part).				
That portion of San Luis Obispo County that lies east of a line described as follows: Beginning at the San Luis Obispo County/Santa Barbara County boundary and running north along 120 degrees 24 minutes longitude to the intersection with 35 degrees 27 minutes latitude; east along 35 degrees 27 minutes latitude to the intersection with 120 degrees 18 minutes longitude; then north along 120 degrees 18 minutes longitude to the San Luis Obispo County/Monterey County boundary.				
* * *	*	*	*	*

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 24. Section 81.306 is amended in the table for "Colorado—2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "Denver-Boulder-Greeley-Ft. Collins-Loveland, CO" to read as follows:

§ 81.306 Colorado.

* * * * *

COLORADO—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Denver-Boulder-Greeley-Ft. Collins-Loveland, CO: [2]	.....	Nonattainment	6/3/16	Moderate.
Adams County.				
Arapahoe County.				
Boulder County.				
Broomfield County.				
Denver County.				
Douglas County.				
Jefferson County.				
Larimer County (part).				

COLORADO—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
That portion of the county that lies south of a line described as follows: Beginning at a point on Larimer County's eastern boundary and Weld County's western boundary intersected by 40 degrees, 42 minutes, and 47.1 seconds north latitude, proceed west to a point defined by the intersection of 40 degrees, 42 minutes, 47.1 seconds north latitude and 105 degrees, 29 minutes, and 40.0 seconds west longitude, thence proceed south on 105 degrees, 29 minutes, 40.0 seconds west longitude to the intersection with 40 degrees, 33 minutes and 17.4 seconds north latitude, thence proceed west on 40 degrees, 33 minutes, 17.4 seconds north latitude until this line intersects Larimer County's western boundary and Grand County's eastern boundary.				
Weld County (part).				
That portion of the county that lies south of a line described as follows: Beginning at a point on Weld County's eastern boundary and Logan County's western boundary intersected by 40 degrees, 42 minutes, 47.1 seconds north latitude, proceed west on 40 degrees, 42 minutes, 47.1 seconds north latitude until this line intersects Weld County's western boundary and Larimer County's eastern boundary.				
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.

* * * * *

■ 25. Section 81.307 is amended by revising the table for "Connecticut—2008 8-Hour Ozone NAAQS (Primary and secondary)" to read as follows:

§ 81.307 Connecticut.

* * * * *

CONNECTICUT—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Greater Connecticut, CT: [2]		Nonattainment	6/3/16	Moderate.
Hartford County				
Litchfield County				
New London County				
Tolland County				
Windham County				
Mashantucket Pequot Tribe of Connecticut [3]				
Mohegan Indian Tribe of Connecticut [3]				
New York-N. New Jersey-Long Island, NY-NJ-CT: [2].		Nonattainment	6/3/16	Moderate.
Fairfield County				
Middlesex County				
New Haven County				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.

[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.

* * * * *

■ 26. Section 81.308 is amended by revising the table for "Delaware—2008 8-Hour Ozone NAAQS (Primary and secondary)" to read as follows:

§ 81.308 Delaware.

* * * * *

DELAWARE—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE: [2]				
New Castle County		Nonattainment	6/3/16	Marginal.[4]
Seaford: [2]				
Sussex County		Nonattainment		Marginal.
Rest of State: [3]				
Southern Delaware Intrastate AQCR: (remainder)				
Kent County		Unclassifiable/Attainment		

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes any Indian country in each county or area, unless otherwise specified.
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 27. Section 81.309 is amended by revising the table for "District of Columbia—2008 8-Hour Ozone NAAQS (Primary and secondary)" to read as follows:

§ 81.309 District of Columbia.

* * * * *

DISTRICT OF COLUMBIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Washington, DC-MD-VA: District of Columbia [2]		Nonattainment	6/3/16	Marginal.[3]

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Attainment date is extended to July 20, 2016.

* * * * *

■ 28. Section 81.311 is amended in the table for "Georgia—2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "Atlanta, GA" to read as follows:

§ 81.311 Georgia.

* * * * *

GEORGIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Atlanta, GA: [2]		Nonattainment	6/3/16	Moderate.

GEORGIA—2008 8-HOUR OZONE NAAQS—Continued
[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Bartow County				
Cherokee County				
Clayton County				
Cobb County				
Coweta County				
DeKalb County				
Douglas County				
Fayette County				
Forsyth County				
Fulton County				
Gwinnett County				
Henry County				
Newton County				
Paulding County				
Rockdale County				
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.

* * * * *

■ 29. Section 81.314 is amended in the table for "Illinois—2008 8-Hour Ozone NAAQS (Primary and secondary)" by:
■ a. Revising the entries for "Chicago-Naperville, IL-IN-WI";
■ b. Revising the heading entry "St. Louis-St. Charles-Farmington, MO-IL" and the entries "Madison County", "Monroe County", and "St. Clair County"; and
■ c. Adding a footnote "4".

The revisions and addition read as follows:

§ 81.314 Illinois.

* * * * *

ILLINOIS—2008 8-HOUR OZONE NAAQS
[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Chicago-Naperville, IL-IN-WI: [2]		Nonattainment	6/3/16	Moderate.
Cook County				
DuPage County				
Grundy County (part)				
Aux Sable Township				
Goose Lake Township				
Kane County				
Kendall County (part)				
Oswego Township				
Lake County				
McHenry County				
Will County				
St. Louis-St. Charles-Farmington, MO-IL: [2]		Nonattainment	6/3/16	Marginal. [4]
Madison County				
Monroe County				
St. Clair County				
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
* * *
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 30. Section 81.315 is amended in the table for "Indiana—2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "Chicago-Naperville, IL-IN-WI" to read as follows:

§ 81.315 Indiana.

* * * * *

INDIANA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Chicago-Naperville, IL-IN-WI: [2]		Nonattainment	6/3/16.	Moderate.
Lake County				
Porter County				
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.

* * * * *

■ 31. Section 81.321 is amended in the table for "Maryland—2008 8-Hour Ozone NAAQS (Primary and secondary)" by:

■ a. Revising the entries for "Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE";
■ b. Revising the heading entry "Washington, DC-MD-VA"; and
■ c. Adding a footnote "4".

The revisions and addition read as follows:

§ 81.321 Maryland.

* * * * *

MARYLAND—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
* * * * * * *				
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE: [2].		Nonattainment	6/3/16	Marginal.[4]
Cecil County				
Washington, DC-MD-VA: [2]		Nonattainment	6/3/16	Marginal. [4]
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
* * *
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 32. Section 81.326 is amended in the table for "Missouri—2008—8-Hour Ozone NAAQS (Primary and secondary)" by revising the heading entry for "St. Louis-St. Charles-Farmington, MO-IL" and adding a footnote "4" to read as follows:

§ 81.326 Missouri.

* * * * *

MISSOURI—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
St. Louis-St. Charles-Farmington, MO-IL: [2]		Nonattainment	6/3/16	Marginal.[4]
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
* * *
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 33. Amend § 81.331 by revising the table for "New Jersey—2008 8-Hour Ozone NAAQS (Primary and secondary)" to read as follows:

§ 81.331 New Jersey.

* * * * *

NEW JERSEY—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
New York-N. New Jersey-Long Island, NY-NJ-CT: [2] ..	.....	Nonattainment	6/3/16	Moderate.
Bergen County.				
Essex County.				
Hudson County.				
Hunterdon County.				
Middlesex County.				
Monmouth County.				
Morris County.				
Passaic County.				
Somerset County.				
Sussex County.				
Union County.				
Warren County.				
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE: [2].	.....	Nonattainment	6/3/16	Marginal.[3].
Atlantic County.				
Burlington County.				
Camden County.				
Cape May County	.....			
Cumberland County.				
Gloucester County.				
Mercer County.				
Ocean County.				
Salem County.				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Attainment date is extended to July 20, 2016.

* * * * *

■ 34. Section 81.333 is amended in the table for "New York—2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "New York-N. New Jersey-Long Island, NY-NJ-CT" to read as follows:

§ 81.333 New York.

* * * * *

NEW YORK—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
* * *	*	*	*	*
New York-N. New Jersey-Long Island, NY-NJ-CT: [2]	.....	Nonattainment	6/3/16	Moderate.
Bronx County.				
Kings County.				
Nassau County.				
New York County.				
Queens County.				
Richmond County.				
Rockland County.				
Suffolk County.				
Westchester County.				
Shinnecock Indian Nation [3].				
* * *	*	*	*	*

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
[3] Includes Indian country of the tribe listed in this table located in the identified area. Information pertaining to areas of Indian country in this table is intended for CAA planning purposes only and is not an EPA determination of Indian country status or any Indian country boundary. EPA lacks the authority to establish Indian country land status, and is making no determination of Indian country boundaries, in this table.

* * * * *

■ 35. Section 81.336 is amended in the table for "Ohio—2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "Cleveland-Akron-Lorain, OH" and adding a footnote "4" to read as follows:

§ 81.336 Ohio.

* * * * *

OHIO—2008—8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
* * *	*	*	*	*
Cleveland-Akron-Lorain, OH: [2]		Nonattainment	6/3/16	Marginal. [4]
Ashtabula County.				
Cuyahoga County.				
Geauga County.				
Lake County.				
Lorain County.				
Medina County.				
Portage County.				
Summit County.				
* * *	*	*	*	*

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
* * *
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 36. Section 81.339 is amended in the table for "Pennsylvania—2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE" and "Pittsburgh-Beaver Valley, PA" and adding a footnote "4" to read as follows:

§ 81.339 Pennsylvania.

* * * * *

PENNSYLVANIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
* * *	*	*	*	*
Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE [2].		Nonattainment	6/3/16	Marginal. [4]
Bucks County.				
Chester County.				
Delaware County.				
Montgomery County.				
Philadelphia County.				
Pittsburgh-Beaver Valley, PA [2]		Nonattainment	6/3/16	Marginal. [4]
Allegheny County.				
Armstrong County.				
Beaver County.				
Butler County.				
Fayette County.				
Washington County.				
Westmoreland County.				
* * *	*	*	*	*

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
* * *
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 37. Section 81.344 is amended in the table for "Texas—2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "Houston-Galveston-Brazoria, TX" and adding a footnote "4" to read as follows:

§ 81.344 Texas.

* * * * *

TEXAS—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date[1]	Type	Date[1]	Type
* * * * * * *				
Houston-Galveston-Brazoria, TX:[2]		Nonattainment	6/3/16	Marginal.[4]
Brazoria County.				
Chambers County.				
Fort Bend County.				
Galveston County.				
Harris County.				
Liberty County.				
Montgomery County.				
Waller County.				
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
* * *
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 38. Section 81.347 is amended in the table for "Virginia—2008 8-Hour Ozone NAAQS (Primary and secondary)" by revising the entries for "Washington, DC-MD-VA" and adding a footnote "4" to read as follows:

§ 81.347 Virginia.

* * * * *

VIRGINIA—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area[1]	Designation		Classification	
	Date[2]	Type	Date[2]	Type
Washington, DC-MD-VA:[2]		Nonattainment	6/3/16	Marginal.[4]
Arlington County.				
Fairfax County.				
Loudoun County.				
Prince William County.				
Alexandria City.				
Fairfax City.				
Falls Church City.				
Manassas City.				
Manassas Park City.				
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
* * *
[4] Attainment date is extended to July 20, 2016.

* * * * *

■ 39. Section 81.350 is amended in the table for "Wisconsin—2008 8-Hour Ozone NAAQS (Primary and secondary)" by:

■ a. Revising the heading entry for "Chicago-Naperville, IL-IN-WI" and the entries for "Sheboygan County, WI"; and

■ b. Adding a footnote "4".

The revisions and addition read as follows:

§ 81.350 Wisconsin.

* * * * *

WISCONSIN—2008 8-HOUR OZONE NAAQS

[Primary and secondary]

Designated area	Designation		Classification	
	Date[1]	Type	Date[1]	Type
Chicago-Naperville, IL-IN-WI:[2]		Nonattainment	6/3/16	Moderate.
* * * * * * *				
Sheboygan County, WI:[2]		Nonattainment	6/3/16	Marginal.[4]

WISCONSIN—2008 8-HOUR OZONE NAAQS—Continued

[Primary and secondary]

Designated area	Designation		Classification	
	Date [1]	Type	Date [1]	Type
Sheboygan County.				
* * * * * * *				

[1] This date is July 20, 2012, unless otherwise noted.
[2] Excludes Indian country located in each area, unless otherwise noted.
* * *
[4] Attainment date is extended to July 20, 2016.

* * * * *

[FR Doc. 2016–09729 Filed 5–3–16; 8:45 am]
BILLING CODE 6560–50–P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 180

[EPA–HQ–OPP–2015–0014; FRL–9944–82]

Mefenoxam; Pesticide Tolerances

AGENCY: Environmental Protection Agency (EPA).

ACTION: Final rule.

SUMMARY: This regulation establishes tolerances for residues of mefenoxam in or on rapeseed subgroup 20A. Syngenta Crop Protection, LLC., requested these tolerances under the Federal Food, Drug, and Cosmetic Act (FFDCA).

DATES: This regulation is effective May 4, 2016. Objections and requests for hearings must be received on or before July 5, 2016, and must be filed in accordance with the instructions provided in 40 CFR part 178 (see also Unit I.C. of the **SUPPLEMENTARY INFORMATION**).

ADDRESSES: The docket for this action, identified by docket identification (ID) number EPA–HQ–OPP–2015–0014, is available at *http://www.regulations.gov* or at the Office of Pesticide Programs Regulatory Public Docket (OPP Docket) in the Environmental Protection Agency Docket Center (EPA/DC), West William Jefferson Clinton Bldg., Rm. 3334, 1301 Constitution Ave. NW., Washington, DC 20460–0001. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566–1744, and the telephone number for the OPP Docket is (703) 305–5805. Please review the visitor instructions and additional information about the docket available at *http://www.epa.gov/dockets.*

FOR FURTHER INFORMATION CONTACT: Susan Lewis, Registration Division (7505P), Office of Pesticide Programs, Environmental Protection Agency, 1200 Pennsylvania Ave. NW., Washington, DC 20460–0001; main telephone number: (703) 305–7090; email address: *RDFRNotices@epa.gov.*

SUPPLEMENTARY INFORMATION:

I. General Information

A. Does this action apply to me?

You may be potentially affected by this action if you are an agricultural producer, food manufacturer, or pesticide manufacturer. The following list of North American Industrial Classification System (NAICS) codes is not intended to be exhaustive, but rather provides a guide to help readers determine whether this document applies to them. Potentially affected entities may include:

- Crop production (NAICS code 111).
- Animal production (NAICS code 112).
- Food manufacturing (NAICS code 311).
- Pesticide manufacturing (NAICS code 32532).

B. How can I get electronic access to other related information?

You may access a frequently updated electronic version of EPA's tolerance regulations at 40 CFR part 180 through the Government Printing Office's e-CFR site at *http://www.ecfr.gov/cgi-bin/text-idx?&c=ecfr&tpl=/ecfrbrowse/Title40/40tab_02.tpl.*

C. How can I file an objection or hearing request?

Under FFDCA section 408(g), 21 U.S.C. 346a, any person may file an objection to any aspect of this regulation and may also request a hearing on those objections. You must file your objection or request a hearing on this regulation in accordance with the instructions provided in 40 CFR part 178. To ensure proper receipt by EPA, you must identify docket ID number EPA–HQ–OPP–2015–0014 in the subject line on the first page of your submission. All objections and requests for a hearing must be in writing, and must be received by the Hearing Clerk on or before July 5, 2016. Addresses for mail and hand delivery of objections and hearing requests are provided in 40 CFR 178.25(b).

In addition to filing an objection or hearing request with the Hearing Clerk as described in 40 CFR part 178, please submit a copy of the filing (excluding any Confidential Business Information (CBI)) for inclusion in the public docket. Information not marked confidential pursuant to 40 CFR part 2 may be disclosed publicly by EPA without prior notice. Submit the non-CBI copy of your objection or hearing request, identified by docket ID number EPA–HQ–OPP–2015–0014, by one of the following methods:

- *Federal eRulemaking Portal: http://www.regulations.gov.* Follow the online instructions for submitting comments. Do not submit electronically any information you consider to be CBI or other information whose disclosure is restricted by statute.
- *Mail:* OPP Docket, Environmental Protection Agency Docket Center (EPA/DC), (28221T), 1200 Pennsylvania Ave. NW., Washington, DC 20460–0001.
- *Hand Delivery:* To make special arrangements for hand delivery or delivery of boxed information, please follow the instructions at *http://www.epa.gov/dockets/contacts.html.* Additional instructions on commenting or visiting the docket, along with more information about dockets generally, is available at *http://www.epa.gov/dockets.*

II. Summary of Petitioned-For Tolerance

In the **Federal Register** of April 6, 2015 (80 FR 18327) (FRL–9924–00), EPA issued a document pursuant to FFDCA section 408(d)(3), 21 U.S.C. 346a(d)(3), announcing the filing of a pesticide petition (PP 4F8323) by Syngenta Crop Protection, LLC., 410 Swing Road, Greensboro, NC 27419. The petition requested that 40 CFR 180.546

APPENDIX B

Monitoring Data

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: FNX

MAXIMUM VALUES REPORT

Report Request ID: 1367092 Report Code: AMP440 Sep. 4, 2015

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
									17140		

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	44201		

SELECTED OPTIONS

Option Type	Option Value
MERGE PDF FILES	YES
EVENTS PROCESSING	REPORT ALL EVENT RECORDS
AGENCY ROLE	PQAO

SORT ORDER

Order	Column
1	PARAMETER_CODE
2	STATE_CODE
3	DURATION_CODE
4	DATES
5	COUNTY_CODE
6	SITE_ID
7	POC
8	EDT_ID

DATE CRITERIA

Start Date	End Date
2012	2014

APPLICABLE STANDARDS

Standard Description
Ozone 8-Hour 2008

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED

UNITED STATES ENVIRONMENTAL PROCTECTION AGENCY
AIR QUALITY SUBSYSTEM
MAXIMUM VALUES REPORT

Sep. 4, 2015

Ozone (44201)

State: Kentucky
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
21-015-0003	1	Boone	087		.085	.083	.078	.074	.073	5871	3	0
		Not in a city			06/28:11	07/11:11	08/08:10	07/06:12	06/30:10			
					.073	.071	.070	.069	.068			
					07/02:10	06/14:11	05/19:11	08/02:10	06/29:08			

Ozone (44201)

State: Kentucky
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
21-037-3002	1	Campbell	087		.106	.089	.084	.084	.083	5825	12	0
		Highland Heights			06/28:14	07/02:12	05/19:11	06/29:08	08/08:11			
					.080	.080	.079	.079	.077			
					06/30:11	07/03:12	06/24:11	07/01:11	07/10:11			

Ozone (44201)

State: Kentucky
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
21-015-0003	1	Boone	087		.071	.062	.060	.059	.059	5862	0	0
		Not in a city			05/15:11	08/29:11	05/14:12	04/05:11	04/06:11			
					.058	.057	.057	.057	.057			
					09/11:11	03/30:11	05/09:10	06/04:10	06/19:11			

Ozone (44201)

State: Kentucky
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
21-037-3002	1	Campbell	087		.079	.076	.072	.072	.068	5871	2	0
		Highland Heights			05/15:12	08/19:12	09/08:11	09/11:13	06/25:11			
					.067	.067	.065	.064	.064			
					06/20:12	09/07:12	05/14:14	04/06:12	05/09:12			

Ozone (44201)

State: Kentucky
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2014

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
21-015-0003	1	Boone	087		.064	.064	.062	.062	.059	5877	0	0
		Not in a city			04/21:11	07/11:11	06/06:11	06/07:10	04/20:10			
					.058	.058	.058	.058	.057			
					04/18:11	04/19:11	05/30:11	09/26:11	08/04:11			

Ozone (44201)

State: Kentucky
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2014

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
21-037-3002	1	Campbell	087		.074	.074	.072	.071	.070	5826	0	0
		Highland Heights			07/11:12	08/04:11	07/12:11	04/21:13	08/01:11			
					.068	.068	.066	.066	.066			
					06/07:11	06/26:11	04/18:13	07/06:12	09/09:12			

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Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-017-0004	1	Butler	087		.095	.090	.089	.083	.082	5126	15	0
		Hamilton			08/02:11	08/23:11	06/28:12	05/19:11	06/30:11			
					.081	.081	.080	.079	.078			
					08/08:12	08/24:11	06/15:10	07/02:11	06/29:08			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-017-0018	1	Butler	087		.088	.087	.085	.084	.083	4898	12	0
		Middletown			06/28:12	08/23:11	08/02:13	06/29:10	08/08:11			
					.082	.080	.079	.078	.077			
					07/25:11	07/22:12	07/06:11	05/19:11	06/09:12			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-017-9991	1	Butler	047		.097	.088	.087	.085	.084	8289	11	0
		Not in a city			08/02:12	06/15:11	06/28:11	08/24:11	08/08:11			
					.084	.083	.082	.082	.078			
					08/25:12	05/19:11	06/29:09	07/25:12	08/23:12			

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Sep. 4, 2015

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max / 6th Max	2nd Max / 7th Max	3rd Max / 8th Max	4th Max / 9th Max	5th Max / 10th Max	Num Obs	Num Exc	EDT ID
39-025-0022	1	Clermont	087		.107	.097	.094	.091	.090	5104	13	0
		Batavia			06/28:14	07/02:13	06/29:10	08/08:11	06/30:12			
					.086	.083	.083	.082	.079			
					07/07:09	07/31:11	08/07:12	06/24:11	07/23:13			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max / 6th Max	2nd Max / 7th Max	3rd Max / 8th Max	4th Max / 9th Max	5th Max / 10th Max	Num Obs	Num Exc	EDT ID
39-061-0006	1	Hamilton	087		.098	.096	.092	.087	.086	4976	12	0
		Blue Ash			06/28:12	06/29:10	07/02:12	08/02:11	06/30:11			
					.085	.083	.080	.080	.079			
					08/23:11	08/07:12	06/24:11	08/08:11	05/19:11			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max / 6th Max	2nd Max / 7th Max	3rd Max / 8th Max	4th Max / 9th Max	5th Max / 10th Max	Num Obs	Num Exc	EDT ID
39-061-0010	1	Hamilton	087		.090	.085	.085	.083	.082	4509	12	0
		Cleves			06/28:12	05/19:11	08/23:11	08/02:11	06/30:11			
					.081	.081	.079	.077	.076			
					06/24:11	06/29:08	08/08:11	07/22:11	07/02:11			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max / 6th Max	2nd Max / 7th Max	3rd Max / 8th Max	4th Max / 9th Max	5th Max / 10th Max	Num Obs	Num Exc	EDT ID
39-061-0040	1	Hamilton	087		.096	.083	.082	.082	.081	8709	11	0
		Cincinnati			06/28:12	06/29:08	05/19:11	07/02:13	06/24:11			
					.081	.080	.079	.079	.077			
					08/08:11	06/30:12	07/22:11	08/23:11	07/06:11			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2012

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max / 6th Max	2nd Max / 7th Max	3rd Max / 8th Max	4th Max / 9th Max	5th Max / 10th Max	Num Obs	Num Exc	EDT ID
39-165-0007	1	Warren	087		.092	.089	.084	.080	.080	5113	5	0
		Lebanon			06/28:12	07/02:12	06/29:10	07/03:12	08/08:11			
					.075	.072	.072	.072	.071			
					08/07:10	05/19:10	06/20:11	08/23:11	05/18:11			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max / 6th Max	2nd Max / 7th Max	3rd Max / 8th Max	4th Max / 9th Max	5th Max / 10th Max	Num Obs	Num Exc	EDT ID
39-017-0004	1	Butler	087		.070	.070	.069	.068	.067	5045	0	0
		Hamilton			05/15:11	06/20:11	09/09:11	06/21:11	06/05:11			
					.067	.064	.064	.063	.063			
					09/10:11	05/29:11	08/25:11	05/14:11	06/18:12			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-017-0018	1	Butler	087		.076	.070	.068	.068	.067	5121	1	0
		Middletown			06/21:11	09/09:11	05/15:09	06/05:11	06/15:12			
					.067	.066	.066	.065	.063			
					06/20:12	05/29:12	09/10:10	06/18:12	06/07:12			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-017-9991	1	Butler	047		.075	.073	.069	.069	.068	8501	0	0
		Not in a city			05/15:12	06/20:12	06/05:12	06/21:11	05/14:14			
					.066	.065	.064	.064	.063			
					09/09:12	06/18:12	06/15:11	06/23:10	07/26:12			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-025-0022	1	Clermont	087		.078	.069	.066	.066	.066	5119	1	0
		Batavia			05/15:12	06/25:11	07/18:12	09/07:11	09/11:12			
					.065	.064	.064	.064	.063			
					09/08:10	06/11:11	06/17:11	09/05:12	08/19:11			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-061-0006	1	Hamilton	087		.074	.070	.069	.069	.067	4993	0	0
		Blue Ash			05/15:11	09/11:12	06/12:12	09/08:11	06/21:10			
					.067	.067	.066	.066	.065			
					06/25:12	09/10:11	06/22:10	08/19:11	06/20:11			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-061-0010	1	Hamilton	087		.073	.071	.069	.064	.063	5029	0	0
		Cleves			06/05:11	05/15:12	06/20:11	08/18:11	09/09:10			
					.062	.062	.061	.061	.061			
					04/06:12	05/14:11	07/16:11	08/25:11	09/10:11			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2013

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-061-0040	1	Hamilton	087		.074	.073	.072	.069	.067	8737	0	0
		Cincinnati			07/16:12	08/19:11	05/15:11	06/20:11	09/08:11			
					.064	.064	.064	.063	.062			
					06/17:11	06/25:12	09/11:13	06/12:11	06/07:13			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
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Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-165-0007	1	Warren	087		.074	.072	.071	.067	.063	5118	0	0
		Lebanon			09/11:13	09/10:11	05/15:13	06/12:12	05/14:12			
					.062	.062	.061	.061	.061			
					06/21:11	09/08:10	06/22:10	06/25:13	08/30:12			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2014

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-017-0004	1	Butler	087		.080	.072	.071	.070	.068	5095	1	0
		Hamilton			07/11:12	06/06:11	06/07:10	06/27:11	08/01:11			
					.068	.067	.067	.067	.067			
					08/29:11	04/20:11	04/21:11	06/01:10	07/12:11			

Ozone (44201)

State: Ohio
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Primary: .075
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Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-017-0018	1	Butler	087		.075	.073	.071	.069	.068	5105	0	0
		Middletown			07/11:11	06/06:11	06/07:10	09/09:11	04/21:11			
					.067	.067	.066	.065	.065			
					06/01:11	08/01:10	07/12:12	04/20:11	05/07:11			

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Ozone (44201)

State: Ohio
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Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-017-9991	1	Butler	047		.074	.072	.071	.069	.067	8514	0	0
		Not in a city			04/20:14	04/21:11	06/07:11	06/06:11	05/07:11			
					.067	.065	.065	.063	.060			
					08/29:11	04/18:11	09/26:12	09/09:11	04/17:11			

Ozone (44201)

State: Ohio
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Primary: .075
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Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-025-0022	1	Clermont	087		.070	.069	.068	.068	.068	5077	0	0
		Batavia			06/07:10	07/12:10	04/21:11	07/11:11	08/06:11			
					.066	.066	.065	.064	.064			
					04/20:11	09/09:10	08/27:10	08/01:10	08/29:11			

Ozone (44201)

State: Ohio
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Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-061-0006	1	Hamilton	087		.083	.072	.071	.070	.069	5043	1	0
		Blue Ash			07/11:12	09/09:11	06/07:11	07/12:11	04/21:12			
					.068	.068	.066	.066	.062			
					04/20:12	08/04:11	06/06:11	08/05:12	04/18:11			

UNITED STATES ENVIRONMENTAL PROCTECTION AGENCY
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Ozone (44201)

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Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-061-0010	1	Hamilton	087		.076	.075	.074	.073	.071	5126	1	0
		Cleves			06/06:11	07/11:11	06/07:11	08/01:11	04/21:11			
					.068	.068	.067	.066	.066			
					04/20:11	06/27:10	05/30:11	04/18:11	05/24:11			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
Year: 2014

Primary: .075
Secondary: .075
Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-061-0040	1	Hamilton	087		.078	.074	.069	.069	.069	8707	1	0
		Cincinnati			07/11:12	08/04:11	07/12:11	08/01:10	08/26:11			
					.068	.067	.064	.064	.064			
					06/07:11	09/09:11	04/21:11	06/06:10	07/06:12			

Ozone (44201)

State: Ohio
Duration: 8-HR RUN AVG BEGIN HOUR
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Primary: .075
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Unit: Parts per million

Maximum Values

Site ID	POC	County Name / City Name		Methods	1st Max	2nd Max	3rd Max	4th Max	5th Max	Num Obs	Num Exc	EDT ID
					6th Max	7th Max	8th Max	9th Max	10th Max			
39-165-0007	1	Warren	087		.074	.073	.071	.071	.070	5118	0	0
		Lebanon			07/12:11	04/21:11	06/06:10	09/09:11	06/07:10			
					.070	.069	.069	.069	.067			
					09/04:11	07/11:11	07/22:10	08/05:12	07/06:12			

APPENDIX C

Emissions Inventory

APPENDIX C-1

2011 Base Year Inventory

Boone County

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	EGU	10100202	External Combustion Boilers	Electric Generation	Bituminous Coal, Pulverized	Spreader Stoker	NOX	7.241203704	7.501702343	7.762200982	7.849033861	7.84903386	7.849033858
21015	EGU	10100501	External Combustion Boilers	Electric Generation	Distillate Oil - Grades 1 and 2	Boiler, Normal firing	NOX	0.0224693	0.0128396	0.0032099	0		0
21015	EGU	20100102	Internal Combustion Engines	Electric Generation	Distillate Oil (Diesel)	Reciprocating	NOx	0.000748018	0.000748018	0.000748018	0.000748018	0.000748018	0.000748018
21015	EGU	20100802	Internal Combustion Engines	Electric Generation	Landfill Gas	Reciprocating	NOx	0.222487473	0.222487473	0.222487473	0.222487473	0.222487473	0.222487473
21015	**EGU**					**TOTAL**	**NOx**	**7.486908**	**7.737777**	**7.988646**	**8.072269**	**8.072269**	**8.072269**
21015	Nonpoint	2104001000	Stationary Source Fuel Combustion	Residential	Anthracite Coal	Total: All Combustor Types	NOx	2.54574E-09	2.54574E-09	2.54574E-09	2.54574E-09	2.54574E-09	2.54574E-09
21015	Nonpoint	2104002000	Stationary Source Fuel Combustion	Residential	Bituminous/Subbituminous Coal	Total: All Combustor Types	NOx	3.85332E-06	3.85332E-06	3.85332E-06	3.85332E-06	3.85332E-06	3.85332E-06
21015	Nonpoint	2104004000	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	NOx	0.006584889	0.006584889	0.006584889	0.006584889	0.006584889	0.006584889
21015	Nonpoint	2104006000	Stationary Source Fuel Combustion	Residential	Natural Gas	Total: All Combustor Types	NOx	0.04810073	0.04810073	0.04810073	0.04810073	0.04810073	0.04810073
21015	Nonpoint	2104007000	Stationary Source Fuel Combustion	Residential	Liquified Petroleum Gas (LPG)	Total: All Combustor Types	NOx	0.03928268	0.03928268	0.03928268	0.03928268	0.03928268	0.03928268
21015	Nonpoint	2104008100	Stationary Source Fuel Combustion	Residential	Wood	Fireplace: general	NOx	0.010357353	0.010676951	0.01099655	0.011330944	0.011900599	0.012470253
21015	Nonpoint	2104008210	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; non-EPA certified	NOx	0.005115251	0.004889449	0.004663647	0.004417384	0.003989895	0.003562407
21015	Nonpoint	2104008220	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; non-catalytic	NOx	0.001326841	0.001429766	0.001532691	0.001645851	0.001842982	0.002040113
21015	Nonpoint	2104008230	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; catalytic	NOx	0.000387966	0.000418061	0.000448156	0.000481244	0.000538884	0.000596525
21015	Nonpoint	2104008310	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, non-EPA certified	NOx	0.004090822	0.004055758	0.004020694	0.003982123	0.003914917	0.003847711

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2104008320	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, non-catalytic	NOx	0.001061471	0.00114381	0.00122615	0.001316678	0.001474383	0.001632087
21015	Nonpoint	2104008330	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, catalytic	NOx	0.000310373	0.000334449	0.000358525	0.000384996	0.000431108	0.000477221
21015	Nonpoint	2104008400	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: pellet-fired, general (freestanding or FP insert)	NOx	0.000532952	0.000680275	0.000827598	0.000989387	0.001271091	0.001552794
21015	Nonpoint	2104008510	Stationary Source Fuel Combustion	Residential	Wood	Furnace: Indoor, cordwood-fired, non-EPA certified	NOx	0.000819869	0.000856061	0.000892252	0.000953976	0.001078128	0.00120228
21015	Nonpoint	2104008610	Stationary Source Fuel Combustion	Residential	Wood	Hydronic heater: outdoor	NOx	0	0	0	0	0	0
21015	Nonpoint	2104008700	Stationary Source Fuel Combustion	Residential	Wood	Outdoor wood burning device, NEC (fire-pits, chimeas, etc)	NOx	0.000167714	0.000172889	0.000178064	0.000183479	0.000192703	0.000201927
21015	Nonpoint	2104009000	Stationary Source Fuel Combustion	Residential	Firelog	Total: All Combustor Types	NOx	0.001777029	0.001831863	0.001886697	0.00194407	0.002041806	0.002139543
21015	Nonpoint	2104011000	Stationary Source Fuel Combustion	Residential	Kerosene	Total: All Heater Types	NOx	0.005562187	0.005562187	0.005562187	0.005562187	0.005562187	0.005562187
21015	Nonpoint	2285002006	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives: Class I Operations	NOx	0.547704861	0.547704861	0.547704861	0.547704861	0.547704861	0.547704861
21015	Nonpoint	2302002100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Conveyorized Charbroiling	NOx		0	0	0		0
21015	Nonpoint	2302002200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	NOx		0	0	0		0
21015	Nonpoint	2302003000	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Deep Fat Fying	NOx		0	0	0		0
21015	Nonpoint	2302003100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Flat Griddle Frying	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutan	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerd	2030 Summerday
21015	Nonpoint	2302003200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Clamshell Griddle Frying	NOx		0	0	0		0
21015	Nonpoint	2310000220	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Drill Rigs	NOx	0	0	0	0	0	0
21015	Nonpoint	2310000330	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Artificial Lift	NOx	0	0	0	0	0	0
21015	Nonpoint	2310000550	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Produced Water	NOx		0	0	0		0
21015	Nonpoint	2310000660	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Hydraulic Fracturing Engines	NOx	0	0	0	0	0	0
21015	Nonpoint	2310010100	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Heaters	NOx	0	0	0	0	0	0
21015	Nonpoint	2310010200	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Tanks - Flashing & Standing/Working/Breathing	NOx	0	0	0	0	0	0
21015	Nonpoint	2310010300	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Pneumatic Devices	NOx		0	0	0		0
21015	Nonpoint	2310011000	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Total: All Processes	NOx	0	0	0	0	0	0
21015	Nonpoint	2310011201	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Tank Truck/Railcar Loading: Crude Oil	NOx		0	0	0		0
21015	Nonpoint	2310011501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Connectors	NOx		0	0	0		0
21015	Nonpoint	2310011502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Flanges	NOx		0	0	0		0
21015	Nonpoint	2310011503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Open Ended Lines	NOx		0	0	0		0
21015	Nonpoint	2310011505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Valves	NOx		0	0	0		0
21015	Nonpoint	2310021010	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Storage Tanks: Condensate	NOx	0	0	0	0	0	0
21015	Nonpoint	2310021030	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Tank Truck/Railcar Loading: Condensate	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2310021100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Heaters	NOx	0	0	0	0	0	0
21015	Nonpoint	2310021202	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Lean Burn Compressor Engines 50 To 499 HP	NOx	0	0	0	0	0	0
21015	Nonpoint	2310021251	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Lean Burn	NOx	0	0	0	0	0	0
21015	Nonpoint	2310021300	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Pneumatic Devices	NOx		0	0	0		0
21015	Nonpoint	2310021302	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Rich Burn Compressor Engines 50 To 499 HP	NOx	0	0	0	0	0	0
21015	Nonpoint	2310021351	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Rich Burn	NOx	0	0	0	0	0	0
21015	Nonpoint	2310021400	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Dehydrators	NOx	0	0	0	0	0	0
21015	Nonpoint	2310021501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Connectors	NOx		0	0	0		0
21015	Nonpoint	2310021502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Flanges	NOx		0	0	0		0
21015	Nonpoint	2310021503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Open Ended Lines	NOx		0	0	0		0
21015	Nonpoint	2310021505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Valves	NOx		0	0	0		0
21015	Nonpoint	2310021506	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Other	NOx		0	0	0		0
21015	Nonpoint	2310021603	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Venting - Blowdowns	NOx	0	0	0	0	0	0
21015	Nonpoint	2310111100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Mud Degassing	NOx		0	0	0		0
21015	Nonpoint	2310111401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Oil Well Pneumatic Pumps	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2310121100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Mud Degassing	NOx		0	0	0		0
21015	Nonpoint	2310121401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Pneumatic Pumps	NOx		0	0	0		0
21015	Nonpoint	2310121700	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Completion: All Processes	NOx	0	0	0	0	0	0
21015	Nonpoint	2401001000	Solvent Utilization	Surface Coating	Architectural Coatings	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401005000	Solvent Utilization	Surface Coating	Auto Refinishing: SIC 7532	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401008000	Solvent Utilization	Surface Coating	Traffic Markings	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401015000	Solvent Utilization	Surface Coating	Factory Finished Wood: SIC 2426 thru 242	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401020000	Solvent Utilization	Surface Coating	Wood Furniture: SIC 25	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401025000	Solvent Utilization	Surface Coating	Metal Furniture: SIC 25	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401030000	Solvent Utilization	Surface Coating	Paper: SIC 26	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401040000	Solvent Utilization	Surface Coating	Metal Cans: SIC 341	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401055000	Solvent Utilization	Surface Coating	Machinery and Equipment: SIC 35	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401070000	Solvent Utilization	Surface Coating	Motor Vehicles: SIC 371	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401075000	Solvent Utilization	Surface Coating	Aircraft: SIC 372	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401090000	Solvent Utilization	Surface Coating	Miscellaneous Manufacturing	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401100000	Solvent Utilization	Surface Coating	Industrial Maintenance Coatings	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2401200000	Solvent Utilization	Surface Coating	Other Special Purpose Coatings	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2415000000	Solvent Utilization	Degreasing	All Processes/All Industries	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2420000000	Solvent Utilization	Dry Cleaning	All Processes	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2460100000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Personal Care Products	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2460200000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Household Products	Total: All Solvent Types	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2460400000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Automotive Aftermarket Products	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2460500000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Coatings and Related Products	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2460600000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Adhesives and Sealants	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2460800000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All FIFRA Related Products	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2460900000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	Miscellaneous Products (Not Otherwise Covered)	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2461021000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Cutback Asphalt	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2461022000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Emulsified Asphalt	Total: All Solvent Types	NOx		0	0	0		0
21015	Nonpoint	2461850000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Pesticide Application: Agricultural	All Processes	NOx		0	0	0		0
21015	Nonpoint	2501011011	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Permeation	NOx		0	0	0		0
21015	Nonpoint	2501011012	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Evaporation (includes Diurnal losses)	NOx		0	0	0		0
21015	Nonpoint	2501011014	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Refilling at the Pump - Vapor Displacement	NOx		0	0	0		0
21015	Nonpoint	2501012011	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Permeation	NOx		0	0	0		0
21015	Nonpoint	2501012012	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Evaporation (includes Diurnal losses)	NOx		0	0	0		0
21015	Nonpoint	2501012014	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Refilling at the Pump - Vapor Displacement	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2501050120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Terminals: All Evaporative Losses	Gasoline	NOx		0	0	0		0
21015	Nonpoint	2501055120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Plants: All Evaporative Losses	Gasoline	NOx		0	0	0		0
21015	Nonpoint	2501060051	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Submerged Filling	NOx		0	0	0		0
21015	Nonpoint	2501060052	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Splash Filling	NOx		0	0	0		0
21015	Nonpoint	2501060053	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Balanced Submerged Filling	NOx		0	0	0		0
21015	Nonpoint	2501060201	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Underground Tank: Breathing and Emptying	NOx		0	0	0		0
21015	Nonpoint	2501080050	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 1: Total	NOx		0	0	0		0
21015	Nonpoint	2501080100	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 2: Total	NOx		0	0	0		0
21015	Nonpoint	2505030120	Storage and Transport	Petroleum and Petroleum Product Transport	Truck	Gasoline	NOx		0	0	0		0
21015	Nonpoint	2505040120	Storage and Transport	Petroleum and Petroleum Product Transport	Pipeline	Gasoline	NOx		0	0	0		0
21015	Nonpoint	2630020000	Waste Disposal, Treatment, and Recovery	Wastewater Treatment	Public Owned	Total Processed	NOx		0	0	0		0
21015	Nonpoint	2801500000	Miscellaneous Area Sources	Agriculture Production - Crops - as nonpoint	Agricultural Field Burning - whole field set on fire	Unspecified crop type and Burn Method	NOx	0.00380222	0.00380222	0.00380222	0.00380222	0.00380222	0.00380222
21015	Nonpoint	2810060100	Miscellaneous Area Sources	Other Combustion	Cremation	Humans	NOx	0.001194898	0.001194898	0.001194898	0.001194898	0.001194898	0.001194898
21015	**Nonpoint**					**TOTAL**	**NOx**	**0.678184**	**0.678726**	**0.679267**	**0.679866**	**0.680913**	**0.681959**

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonroad	2260001010	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Recreational Equipment	Motorcycles: Off-road	NOx	0.003125617	0.003636106	0.004146596	0.00446379	0.004831367	0.005198944
21015	Nonroad	2260001030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Recreational Equipment	All Terrain Vehicles	NOx	0.004431347	0.00521796	0.006004573	0.006426323	0.006825187	0.007224051
21015	Nonroad	2260001060	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Recreational Equipment	Specialty Vehicles/Carts	NOx	0.000852867	0.000688096	0.000523326	0.000466155	0.000460538	0.00045492
21015	Nonroad	2260002006	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Tampers/Rammers	NOx	0.000179492	0.000180956	0.00018242	0.000183884	0.000186325	0.000188765
21015	Nonroad	2260002009	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Plate Compactors	NOx	1.19893E-05	1.20871E-05	1.21849E-05	1.22827E-05	1.24457E-05	1.26087E-05
21015	Nonroad	2260002021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Paving Equipment	NOx	1.43552E-05	1.44723E-05	1.45894E-05	1.47065E-05	1.49017E-05	1.50968E-05
21015	Nonroad	2260002027	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	1.00989E-07	1.01813E-07	1.02637E-07	1.03461E-07	1.04834E-07	1.06207E-07
21015	Nonroad	2260002039	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.000471807	0.000475656	0.000479505	0.000483353	0.000489767	0.000496182
21015	Nonroad	2260002054	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	2.824E-06	2.84704E-06	2.87007E-06	2.8931E-06	2.9315E-06	2.96989E-06
21015	Nonroad	2260003030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Sweepers/Scrubbers	NOx	4.12605E-06	3.10802E-06	2.08999E-06	1.25047E-06		0
21015	Nonroad	2260003040	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Other General Industrial Equipment	NOx	3.26873E-07	2.46224E-07	1.65574E-07	9.90646E-08		0
21015	Nonroad	2260004015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	NOx	2.53252E-05	2.69695E-05	2.86138E-05	3.00785E-05	3.23701E-05	3.46617E-05
21015	Nonroad	2260004016	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	NOx	0.000250774	0.000264638	0.000278502	0.000292023	0.000314271	0.00033652

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonroad	2260004020	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Residential)	NOx	0.00035413	0.000373627	0.000393123	0.000412183	0.000443586	0.00047499
21015	Nonroad	2260004021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Commercial)	NOx	0.002788141	0.002936247	0.003084353	0.003232224	0.003478478	0.003724733
21015	Nonroad	2260004025	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	NOx	0.000496565	0.000523856	0.000551146	0.000577853	0.000621878	0.000665902
21015	Nonroad	2260004026	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	NOx	0.002447538	0.002577549	0.00270756	0.002837367	0.003053541	0.003269716
21015	Nonroad	2260004030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	NOx	0.000317471	0.000334897	0.000352323	0.000369388	0.00039753	0.000425672
21015	Nonroad	2260004031	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	0.002269051	0.002389584	0.002510117	0.002630457	0.002830863	0.003031269
21015	Nonroad	2260004035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	NOx	0.000114423	0.000120501	0.000126579	0.000132648	0.000142754	0.00015286
21015	Nonroad	2260004036	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	0.000537169	0.000565703	0.000594238	0.000622727	0.000670171	0.000717614
21015	Nonroad	2260004071	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	1.00099E-06	1.05416E-06	1.10733E-06	1.16042E-06	1.24883E-06	1.33724E-06
21015	Nonroad	2260005035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Agricultural Equipment	Sprayers	NOx	2.94891E-06	3.07507E-06	3.20124E-06	3.3274E-06	3.53767E-06	3.74795E-06
21015	Nonroad	2260006005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Generator Sets	NOx	5.90455E-05	6.3527E-05	6.80084E-05	7.24943E-05	7.99745E-05	8.74547E-05
21015	Nonroad	2260006010	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Pumps	NOx	0.000402775	0.000433108	0.000463441	0.000493884	0.000544716	0.000595548
21015	Nonroad	2260006015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Air Compressors	NOx	1.47326E-07	1.58508E-07	1.6969E-07	1.80883E-07	1.99546E-07	2.1821E-07

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonroad	2260006035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Hydro-power Units	NOx	1.96925E-06	2.11872E-06	2.26818E-06	2.41779E-06	2.66726E-06	2.91673E-06
21015	Nonroad	2260007005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Logging Equipment	Chain Saws : 6 HP	NOx	2.39768E-06	2.59863E-06	2.79958E-06	3.00053E-06	3.33545E-06	3.67037E-06
21015	Nonroad	2265001010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Motorcycles: Off-road	NOx	0.002837908	0.002895174	0.00295244	0.003001457	0.003076278	0.003151099
21015	Nonroad	2265001030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	All Terrain Vehicles	NOx	0.0252009	0.024509881	0.023818863	0.023242053	0.022375878	0.021509704
21015	Nonroad	2265001050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Golf Carts	NOx	0.002293703	0.00210249	0.001911278	0.001865845	0.001911607	0.00195737
21015	Nonroad	2265001060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Specialty Vehicles/Carts	NOx	0.001002645	0.000918098	0.000833552	0.000744821	0.000593446	0.000442071
21015	Nonroad	2265002003	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Pavers	NOx	0.000313288	0.000248007	0.000182726	0.000157966	0.000150469	0.000142972
21015	Nonroad	2265002006	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tampers/Rammers	NOx	2.13878E-06	1.70654E-06	1.2743E-06	1.12134E-06	1.09914E-06	1.07695E-06
21015	Nonroad	2265002009	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Plate Compactors	NOx	0.000491259	0.000403991	0.000316722	0.000287267	0.00028635	0.000285434
21015	Nonroad	2265002015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rollers	NOx	0.000455021	0.000376077	0.000297133	0.000270802	0.000270761	0.00027072
21015	Nonroad	2265002021	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Paving Equipment	NOx	0.001017189	0.000821865	0.000626541	0.000552992	0.000531889	0.000510786
21015	Nonroad	2265002024	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Surfacing Equipment	NOx	0.000386054	0.000319639	0.000253225	0.000231002	0.000230789	0.000230575
21015	Nonroad	2265002027	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	1.95576E-05	1.63334E-05	1.31092E-05	1.20578E-05	1.21162E-05	1.21745E-05

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonroad	2265002030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Trenchers	NOx	0.000978886	0.000776346	0.000573806	0.000496608	0.000472398	0.000448187
21015	Nonroad	2265002033	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Bore/Drill Rigs	NOx	0.000417755	0.000354033	0.000290311	0.000252654	0.000211614	0.000170573
21015	Nonroad	2265002039	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.001380107	0.001224593	0.001069079	0.001019256	0.001024292	0.001029329
21015	Nonroad	2265002042	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cement and Mortar Mixers	NOx	0.000937725	0.000769596	0.000601467	0.000522796	0.000466225	0.000409654
21015	Nonroad	2265002045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cranes	NOx	0.000179205	0.000137141	9.50772E-05	6.997E-05	4.22553E-05	1.45406E-05
21015	Nonroad	2265002054	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	0.00012648	0.000102517	7.8554E-05	6.91145E-05	6.54848E-05	6.18552E-05
21015	Nonroad	2265002057	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	0.000242298	0.00017302	0.000103742	7.20636E-05	5.05992E-05	2.91348E-05
21015	Nonroad	2265002060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.000398049	0.000283815	0.000169581	0.00012771	0.000118225	0.00010874
21015	Nonroad	2265002066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	0.000543048	0.000448919	0.000354789	0.000323976	0.000325384	0.000326792
21015	Nonroad	2265002072	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.000763121	0.000594646	0.00042617	0.000332935	0.000240241	0.000147548
21015	Nonroad	2265002078	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Dumpers/Tenders	NOx	0.000157852	0.000130798	0.000103744	8.93381E-05	7.58689E-05	6.23997E-05
21015	Nonroad	2265002081	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Other Construction Equipment	NOx	0.000283799	0.000223477	0.000163156	0.000121352	6.71113E-05	1.28706E-05
21015	Nonroad	2265003010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Aerial Lifts	NOx	0.002449351	0.001774671	0.001099991	0.000688016	0.000220311	3.3229E-05

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonroad	2265003020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Forklifts	NOx	0.005351813	0.003352364	0.001352916	0.000523395	0.000115801	3.42818E-05
21015	Nonroad	2265003030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Sweepers/Scrubbers	NOx	0.000728114	0.000479728	0.000231342	0.000110314	1.47333E-05	1.47333E-05
21015	Nonroad	2265003040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other General Industrial Equipment	NOx	0.001171362	0.000793941	0.000416521	0.000210413	9.66041E-06	9.66041E-06
21015	Nonroad	2265003050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other Material Handling Equipment	NOx	0.000155546	0.000106988	5.84308E-05	3.25119E-05	8.17954E-06	3.31306E-06
21015	Nonroad	2265003060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	AC\Refrigeration	NOx	9.42084E-06	6.30956E-06	3.19829E-06	1.58724E-06	1.52344E-07	1.52344E-07
21015	Nonroad	2265003070	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Terminal Tractors	NOx	0.000151268	0.00010439	5.75119E-05	3.13984E-05	5.1796E-06	5.1796E-06
21015	Nonroad	2265004010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Residential)	NOx	0.007175173	0.006058919	0.004942665	0.004613441	0.004720592	0.004827743
21015	Nonroad	2265004011	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Commercial)	NOx	0.010249013	0.008903681	0.007558348	0.00729304	0.007750878	0.008208717
21015	Nonroad	2265004015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	NOx	0.000603173	0.000508769	0.000414366	0.000386549	0.000395677	0.000404806
21015	Nonroad	2265004016	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	NOx	0.00554013	0.004713678	0.003887226	0.003686287	0.003872649	0.004059012
21015	Nonroad	2265004025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	NOx	3.76751E-05	3.20584E-05	2.64416E-05	2.50897E-05	2.63906E-05	2.76915E-05
21015	Nonroad	2265004026	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	NOx	0.000246119	0.000210447	0.000174775	0.000167055	0.000177481	0.000187907
21015	Nonroad	2265004030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	NOx	7.19047E-05	6.11669E-05	5.04291E-05	4.78504E-05	5.03517E-05	5.28531E-05

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21015	Nonroad	2265004031	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	0.013256149	0.010608646	0.007961144	0.007081067	0.007087129	0.00709319
21015	Nonroad	2265004035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	NOx	0.000811798	0.000854921	0.000898043	0.000946309	0.001031039	0.001115768
21015	Nonroad	2265004036	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	0.003810986	0.004013425	0.004215864	0.004442449	0.004840211	0.005237972
21015	Nonroad	2265004040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Residential)	NOx	0.001547448	0.001277274	0.001007099	0.000918131	0.000920856	0.000923581
21015	Nonroad	2265004041	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Commercial)	NOx	0.001256633	0.00104518	0.000833728	0.000781918	0.000828605	0.000875292
21015	Nonroad	2265004046	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Front Mowers (Commercial)	NOx	0.001693563	0.001439409	0.001185256	0.001059105	0.000955521	0.000851938
21015	Nonroad	2265004051	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Shredders < 6 HP (Commercial)	NOx	0.000653803	0.000553841	0.000453879	0.000427411	0.000444544	0.000461677
21015	Nonroad	2265004055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Residential)	NOx	0.020768375	0.01712299	0.013477605	0.012280106	0.01232418	0.012368253
21015	Nonroad	2265004056	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	NOx	0.017077495	0.014203443	0.011329392	0.010625169	0.011259654	0.01189414
21015	Nonroad	2265004066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.003100209	0.002506556	0.001912903	0.001746561	0.001825417	0.001904274
21015	Nonroad	2265004071	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	0.051371767	0.043695826	0.036019884	0.034310093	0.036432233	0.038554374
21015	Nonroad	2265004075	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Residential)	NOx	0.000746789	0.000641681	0.000536573	0.000487421	0.000452131	0.000416842
21015	Nonroad	2265004076	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	NOx	0.00188416	0.001619694	0.001355229	0.001229998	0.001137311	0.001044623

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21015	Nonroad	2265005010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	2-Wheel Tractors	NOx	1.09934E-05	9.17802E-06	7.36266E-06	6.89281E-06	7.23099E-06	7.56916E-06
21015	Nonroad	2265005015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Tractors	NOx	6.75893E-05	5.00764E-05	3.25634E-05	2.63018E-05	2.5242E-05	2.41822E-05
21015	Nonroad	2265005020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Combines	NOx	8.80073E-07	7.7861E-07	6.77146E-07	5.73391E-07	3.98558E-07	2.23725E-07
21015	Nonroad	2265005025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Balers	NOx	0.000101517	8.98369E-05	7.81566E-05	6.62117E-05	4.60828E-05	2.5954E-05
21015	Nonroad	2265005030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Mowers	NOx	1.02835E-05	8.49798E-06	6.71244E-06	6.03202E-06	5.81892E-06	5.60583E-06
21015	Nonroad	2265005035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Sprayers	NOx	0.000176209	0.000153498	0.000130788	0.000113985	9.0905E-05	6.78246E-05
21015	Nonroad	2265005040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Tillers : 6 HP	NOx	0.00023472	0.000229255	0.000223791	0.000212839	0.000190013	0.000167188
21015	Nonroad	2265005045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Swathers	NOx	0.000160905	0.000142392	0.000123878	0.000104946	7.30414E-05	4.11371E-05
21015	Nonroad	2265005055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Other Agricultural Equipment	NOx	0.000193192	0.000169966	0.00014674	0.000124874	8.95635E-05	5.42528E-05
21015	Nonroad	2265005060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Irrigation Sets	NOx	7.16769E-05	5.5172E-05	3.86671E-05	3.36451E-05	3.48442E-05	3.60433E-05
21015	Nonroad	2265006005	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Generator Sets	NOx	0.022294991	0.018949196	0.015603401	0.01453338	0.014646489	0.014759598
21015	Nonroad	2265006010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pumps	NOx	0.005787759	0.004923783	0.004059808	0.003797915	0.003863162	0.003928409
21015	Nonroad	2265006015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Air Compressors	NOx	0.003296505	0.002691289	0.002086073	0.001908322	0.001968289	0.002028257

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21015	Nonroad	2265006025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Welders	NOx	0.006363969	0.005316415	0.00426886	0.004012587	0.004244868	0.004477148
21015	Nonroad	2265006030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pressure Washers	NOx	0.009153044	0.007794951	0.006436858	0.006183682	0.006682488	0.007181293
21015	Nonroad	2265006035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Hydro-power Units	NOx	0.000337906	0.000291461	0.000245016	0.000238151	0.000259692	0.000281234
21015	Nonroad	2265007010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Shredders : 6 HP	NOx	1.09988E-05	9.6726E-06	8.34639E-06	7.60683E-06	6.8631E-06	6.11938E-06
21015	Nonroad	2265007015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	NOx	9.92745E-08	8.82525E-08	7.72304E-08	7.6763E-08	8.47793E-08	9.27956E-08
21015	Nonroad	2267001060	Mobile Sources	LPG	Recreational Equipment	Specialty Vehicles/Carts	NOx	0.000162664	0.000142126	0.000121589	0.000101952	6.99725E-05	3.79931E-05
21015	Nonroad	2267002003	Mobile Sources	LPG	Construction and Mining Equipment	Pavers	NOx	8.55868E-05	6.22673E-05	3.89479E-05	2.89854E-05	2.35121E-05	1.80388E-05
21015	Nonroad	2267002015	Mobile Sources	LPG	Construction and Mining Equipment	Rollers	NOx	8.15271E-05	6.23444E-05	4.31616E-05	3.73215E-05	3.87068E-05	4.0092E-05
21015	Nonroad	2267002021	Mobile Sources	LPG	Construction and Mining Equipment	Paving Equipment	NOx	3.52947E-05	2.73291E-05	1.93636E-05	1.46718E-05	9.5803E-06	4.48877E-06
21015	Nonroad	2267002024	Mobile Sources	LPG	Construction and Mining Equipment	Surfacing Equipment	NOx	1.38858E-05	1.02867E-05	6.68751E-06	5.15429E-06	4.32052E-06	3.48675E-06
21015	Nonroad	2267002030	Mobile Sources	LPG	Construction and Mining Equipment	Trenchers	NOx	0.000275396	0.000198801	0.000122205	8.94396E-05	7.13565E-05	5.32734E-05
21015	Nonroad	2267002033	Mobile Sources	LPG	Construction and Mining Equipment	Bore/Drill Rigs	NOx	0.000165589	0.000145421	0.000125253	0.000105584	7.32173E-05	4.08511E-05
21015	Nonroad	2267002039	Mobile Sources	LPG	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	9.40373E-05	7.9643E-05	6.52487E-05	6.22704E-05	6.68199E-05	7.13694E-05
21015	Nonroad	2267002045	Mobile Sources	LPG	Construction and Mining Equipment	Cranes	NOx	0.000142341	0.000109667	7.69932E-05	5.69788E-05	3.41708E-05	1.13628E-05
21015	Nonroad	2267002054	Mobile Sources	LPG	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	2.34516E-05	1.76662E-05	1.18807E-05	8.67624E-06	5.4862E-06	2.29615E-06
21015	Nonroad	2267002057	Mobile Sources	LPG	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	0.000201378	0.000144445	8.75114E-05	6.22006E-05	4.63681E-05	3.05356E-05

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21015	Nonroad	2267002060	Mobile Sources	LPG	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.000333298	0.000238577	0.000143856	0.000111674	0.000110154	0.000108633
21015	Nonroad	2267002066	Mobile Sources	LPG	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	2.5753E-05	1.9355E-05	1.2957E-05	1.1057E-05	1.16387E-05	1.22205E-05
21015	Nonroad	2267002072	Mobile Sources	LPG	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.000476114	0.000371577	0.000267039	0.00020239	0.000127882	5.33736E-05
21015	Nonroad	2267002081	Mobile Sources	LPG	Construction and Mining Equipment	Other Construction Equipment	NOx	0.000226122	0.000180096	0.000134069	0.000101557	5.86304E-05	1.5704E-05
21015	Nonroad	2267003010	Mobile Sources	LPG	Industrial Equipment	Aerial Lifts	NOx	0.00338281	0.002741873	0.002100937	0.001630113	0.000987168	0.000344223
21015	Nonroad	2267003020	Mobile Sources	LPG	Industrial Equipment	Forklifts	NOx	0.16690719	0.120442063	0.073976937	0.05850641	0.058551029	0.058595649
21015	Nonroad	2267003030	Mobile Sources	LPG	Industrial Equipment	Sweepers/Scrubbers	NOx	0.000810637	0.000641433	0.000472228	0.000424892	0.000447556	0.00047022
21015	Nonroad	2267003040	Mobile Sources	LPG	Industrial Equipment	Other General Industrial Equipment	NOx	0.00030273	0.000228061	0.000153391	0.000130933	0.000137011	0.000143089
21015	Nonroad	2267003050	Mobile Sources	LPG	Industrial Equipment	Other Material Handling Equipment	NOx	0.000176163	0.000133516	9.08692E-05	6.72788E-05	4.38418E-05	2.04048E-05
21015	Nonroad	2267003070	Mobile Sources	LPG	Industrial Equipment	Terminal Tractors	NOx	0.000299493	0.00027529	0.000251086	0.000252314	0.000275552	0.000298791
21015	Nonroad	2267004066	Mobile Sources	LPG	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.001418363	0.001044298	0.000670232	0.000549953	0.000560975	0.000571998
21015	Nonroad	2267005055	Mobile Sources	LPG	Agricultural Equipment	Other Agricultural Equipment	NOx	1.61223E-06	1.39706E-06	1.18189E-06	9.78973E-07	6.50984E-07	3.22995E-07
21015	Nonroad	2267005060	Mobile Sources	LPG	Agricultural Equipment	Irrigation Sets	NOx	3.43624E-07	2.48319E-07	1.53013E-07	1.20217E-07	1.17647E-07	1.15077E-07
21015	Nonroad	2267006005	Mobile Sources	LPG	Commercial Equipment	Generator Sets	NOx	0.006795523	0.006102568	0.005409613	0.004670786	0.003401183	0.00213158
21015	Nonroad	2267006010	Mobile Sources	LPG	Commercial Equipment	Pumps	NOx	0.00118869	0.000976687	0.000764684	0.000621514	0.000440257	0.000259
21015	Nonroad	2267006015	Mobile Sources	LPG	Commercial Equipment	Air Compressors	NOx	0.001148797	0.000846565	0.000544332	0.000425172	0.000379131	0.00033309
21015	Nonroad	2267006025	Mobile Sources	LPG	Commercial Equipment	Welders	NOx	0.001524324	0.001116133	0.000707943	0.000543956	0.000474149	0.000404341
21015	Nonroad	2267006030	Mobile Sources	LPG	Commercial Equipment	Pressure Washers	NOx	0.00002711	2.19186E-05	1.67273E-05	1.33397E-05	9.19677E-06	5.05387E-06
21015	Nonroad	2267006035	Mobile Sources	LPG	Commercial Equipment	Hydro-power Units	NOx	1.40108E-05	1.07687E-05	7.5265E-06	6.3089E-06	5.96668E-06	5.62446E-06
21015	Nonroad	2268002081	Mobile Sources	CNG	Construction and Mining Equipment	Other Construction Equipment	NOx	9.32255E-06	7.43935E-06	5.55616E-06	4.22822E-06	2.4777E-06	7.27184E-07
21015	Nonroad	2268003020	Mobile Sources	CNG	Industrial Equipment	Forklifts	NOx	0.011922386	0.008610663	0.00529894	0.004188051	0.004170597	0.004153143
21015	Nonroad	2268003030	Mobile Sources	CNG	Industrial Equipment	Sweepers/Scrubbers	NOx	1.52277E-05	1.10121E-05	6.79659E-06	5.40976E-06	5.45563E-06	5.50151E-06

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21015	Nonroad	2268003040	Mobile Sources	CNG	Industrial Equipment	Other General Industrial Equipment	NOx	7.27131E-06	5.37123E-06	3.47115E-06	2.87608E-06	2.97182E-06	3.06755E-06
21015	Nonroad	2268003060	Mobile Sources	CNG	Industrial Equipment	AC\Refrigeration	NOx	9.42487E-06	7.20906E-06	4.99324E-06	4.19403E-06	4.0425E-06	3.89097E-06
21015	Nonroad	2268003070	Mobile Sources	CNG	Industrial Equipment	Terminal Tractors	NOx	2.3279E-05	2.13459E-05	1.94127E-05	1.94268E-05	2.1073E-05	2.27192E-05
21015	Nonroad	2268005055	Mobile Sources	CNG	Agricultural Equipment	Other Agricultural Equipment	NOx	9.51183E-07	6.9285E-07	4.34517E-07	2.82016E-07	1.1604E-07	1.6455E-08
21015	Nonroad	2268005060	Mobile Sources	CNG	Agricultural Equipment	Irrigation Sets	NOx	4.52409E-06	2.58519E-06	6.46298E-07	0		0
21015	Nonroad	2268006005	Mobile Sources	CNG	Commercial Equipment	Generator Sets	NOx	0.00208601	0.001867214	0.001648411	0.001417322	0.001021933	0.000626545
21015	Nonroad	2268006010	Mobile Sources	CNG	Commercial Equipment	Pumps	NOx	8.92944E-05	7.43627E-05	5.94309E-05	4.74259E-05	2.98568E-05	1.22877E-05
21015	Nonroad	2268006015	Mobile Sources	CNG	Commercial Equipment	Air Compressors	NOx	8.93124E-05	6.46346E-05	3.99568E-05	2.97635E-05	2.4845E-05	1.99266E-05
21015	Nonroad	2268006020	Mobile Sources	CNG	Commercial Equipment	Gas Compressors	NOx	0.000706556	0.000762275	0.000817995	0.000873765	0.000966757	0.001059748
21015	Nonroad	2270001060	Mobile Sources	Off-highway Vehicle Diesel	Recreational Equipment	Specialty Vehicles/Carts	NOx	0.002643953	0.002454494	0.002265035	0.002070967	0.00174368	0.001416394
21015	Nonroad	2270002003	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Pavers	NOx	0.014897352	0.011718209	0.008539066	0.006503591	0.004064189	0.001624787
21015	Nonroad	2270002006	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tampers/Rammers	NOx	3.45187E-05	3.32792E-05	3.20396E-05	3.23334E-05	3.41009E-05	3.58684E-05
21015	Nonroad	2270002009	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Plate Compactors	NOx	0.00054386	0.000533015	0.00052217	0.000532513	0.000567408	0.000602302
21015	Nonroad	2270002015	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rollers	NOx	0.039498658	0.031702707	0.023906756	0.018576873	0.011748793	0.004920713
21015	Nonroad	2270002018	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Scrapers	NOx	0.041504756	0.032375862	0.023246967	0.01665089	0.007768109	0.000661883
21015	Nonroad	2270002021	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Paving Equipment	NOx	0.002489362	0.002067732	0.001646102	0.001327461	0.000882218	0.000436974
21015	Nonroad	2270002024	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Surfacing Equipment	NOx	0.001808197	0.001586986	0.001365775	0.001173626	0.000877597	0.000581567
21015	Nonroad	2270002027	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	0.00520153	0.005114819	0.005028107	0.005045824	0.005162378	0.005278932
21015	Nonroad	2270002030	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Trenchers	NOx	0.020368408	0.017992549	0.01561669	0.013885457	0.011537256	0.009189055
21015	Nonroad	2270002033	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Bore/Drill Rigs	NOx	0.023875963	0.021234397	0.018592832	0.01606502	0.011946794	0.007828569

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21015	Nonroad	2270002036	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Excavators	NOx	0.137260604	0.101072841	0.064885078	0.044896218	0.025080538	0.005264857
21015	Nonroad	2270002039	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.001439536	0.00128371	0.001127883	0.001013221	0.000856421	0.00069962
21015	Nonroad	2270002042	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cement and Mortar Mixers	NOx	0.000933567	0.000853705	0.000773844	0.000698874	0.000578002	0.000457129
21015	Nonroad	2270002045	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cranes	NOx	0.039441359	0.031201403	0.022961447	0.016849863	0.008437535	2.52069E-05
21015	Nonroad	2270002048	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Graders	NOx	0.034028594	0.025081424	0.016134254	0.010735889	0.004695952	0.00107199
21015	Nonroad	2270002051	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Trucks	NOx	0.135162604	0.109462933	0.083763262	0.074147881	0.071525821	0.06890376
21015	Nonroad	2270002054	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	0.007382736	0.006137864	0.004892993	0.003964262	0.002679826	0.001395391
21015	Nonroad	2270002057	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	0.053735287	0.043354174	0.032973061	0.024917761	0.013430438	0.001943116
21015	Nonroad	2270002060	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.185525727	0.149968713	0.1144117	0.087874175	0.051161208	0.014448241
21015	Nonroad	2270002066	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	0.131841992	0.11424346	0.096644928	0.080305149	0.054121146	0.027937143
21015	Nonroad	2270002069	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crawler Tractor/Dozers	NOx	0.155536609	0.121410366	0.087284124	0.064954596	0.037569314	0.010184031
21015	Nonroad	2270002072	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.091158172	0.084885622	0.078613072	0.072683053	0.063085128	0.053487204
21015	Nonroad	2270002075	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Tractors	NOx	0.020495063	0.017326236	0.014157409	0.0118623	0.008765217	0.005668134
21015	Nonroad	2270002078	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Dumpers/Tenders	NOx	0.000295676	0.00027549	0.000255304	0.000236394	0.000205941	0.000175488
21015	Nonroad	2270002081	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Other Construction Equipment	NOx	0.020016388	0.016837215	0.013658042	0.010911245	0.006693562	0.002475879
21015	Nonroad	2270003010	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Aerial Lifts	NOx	0.00586473	0.005529952	0.005195175	0.004883257	0.004382444	0.003881632
21015	Nonroad	2270003020	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Forklifts	NOx	0.05040294	0.037793554	0.025184168	0.020820615	0.020419555	0.020018496
21015	Nonroad	2270003030	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Sweepers/Scrubbers	NOx	0.026574728	0.020421735	0.014268741	0.010646232	0.006717452	0.002788673

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21015	Nonroad	2270003040	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other General Industrial Equipment	NOx	0.03061278	0.024535491	0.018458201	0.013825195	0.00730709	0.000788984
21015	Nonroad	2270003050	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other Material Handling Equipment	NOx	0.001577333	0.001405543	0.001233752	0.001072225	0.000811566	0.000550907
21015	Nonroad	2270003060	Mobile Sources	Off highway Vehicle Diesel	Industrial Equipment	AC\Refrigeration	NOx	0.032647026	0.030769337	0.028891648	0.029140982	0.031329058	0.033517135
21015	Nonroad	2270003070	Mobile Sources	Off highway Vehicle Diesel	Industrial Equipment	Terminal Tractors	NOx	0.02527866	0.017847007	0.010415355	0.006888219	0.004263423	0.001638628
21015	Nonroad	2270004031	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	4.16748E-06	4.20595E-06	4.24441E-06	4.25757E-06	4.25841E-06	4.25926E-06
21015	Nonroad	2270004036	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	0.001016569	0.000920345	0.00082412	0.000717208	0.000530115	0.000343022
21015	Nonroad	2270004046	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Front Mowers (Commercial)	NOx	0.024458987	0.024577744	0.024696501	0.025065031	0.025887392	0.026709754
21015	Nonroad	2270004056	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	NOx	0.004857528	0.005068836	0.005280144	0.005585687	0.006173453	0.006761219
21015	Nonroad	2270004066	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.036509779	0.033283662	0.030057546	0.026477467	0.020215702	0.013953936
21015	Nonroad	2270004071	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	0.003420709	0.002952912	0.002485115	0.002238889	0.002013153	0.001787417
21015	Nonroad	2270004076	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	NOx	9.76675E-05	9.64007E-05	9.51339E-05	9.41204E-05	9.26423E-05	9.11643E-05
21015	Nonroad	2270005010	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	2-Wheel Tractors	NOx	1.71326E-06	1.75656E-06	1.79986E-06	1.87719E-06	2.03441E-06	2.19163E-06
21015	Nonroad	2270005015	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Tractors	NOx	0.088163583	0.075975419	0.063787256	0.053144387	0.036694015	0.020243644
21015	Nonroad	2270005020	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Combines	NOx	0.009276651	0.008164435	0.007052218	0.005994141	0.004275796	0.002557451
21015	Nonroad	2270005025	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Balers	NOx	4.59262E-05	4.27386E-05	3.9551E-05	3.63169E-05	3.08879E-05	2.5459E-05
21015	Nonroad	2270005030	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Mowers	NOx	8.95944E-06	7.8816E-06	6.80377E-06	5.7302E-06	3.94447E-06	2.15875E-06
21015	Nonroad	2270005035	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Sprayers	NOx	0.000725462	0.00064749	0.000569518	0.000490593	0.00035826	0.000225926
21015	Nonroad	2270005040	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Tillers : 6 HP	NOx	9.68656E-07	8.63794E-07	7.58933E-07	6.53382E-07	4.76888E-07	3.00394E-07
21015	Nonroad	2270005045	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Swathers	NOx	0.000685021	0.000615231	0.000545442	0.000477134	0.000364522	0.00025191
21015	Nonroad	2270005055	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Other Agricultural Equipment	NOx	0.001870377	0.001623537	0.001376697	0.001150216	0.000789713	0.00042921

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21015	Nonroad	2270005060	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Irrigation Sets	NOx	0.000961366	0.000796086	0.000630806	0.000492882	0.000285807	7.87321E-05
21015	Nonroad	2270006005	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Generator Sets	NOx	0.040902868	0.038236423	0.035569978	0.032919312	0.028514687	0.024110061
21015	Nonroad	2270006010	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pumps	NOx	0.009653486	0.008981454	0.008309423	0.007620813	0.006459315	0.005297817
21015	Nonroad	2270006015	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Air Compressors	NOx	0.022160123	0.018999584	0.015839044	0.01330888	0.009617253	0.005925626
21015	Nonroad	2270006025	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Welders	NOx	0.012305122	0.011786664	0.011268206	0.010803881	0.010075117	0.009346352
21015	Nonroad	2270006030	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pressure Washers	NOx	0.001358422	0.001273585	0.001188748	0.001098127	0.000942272	0.000786416
21015	Nonroad	2270006035	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Hydro-power Units	NOx	0.000784088	0.000686401	0.000588713	0.000512377	0.000402945	0.000293512
21015	Nonroad	2270007015	Mobile Sources	Off-highway Vehicle Diesel	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	NOx	0.000210118	0.000142961	7.58035E-05	4.33209E-05	1.80784E-05	2.93286E-06
21015	Nonroad	2282005010	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Outboard	NOx	0.022261593	0.023770697	0.0252798	0.02604256	0.026691873	0.027341186
21015	Nonroad	2282005015	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Personal Water Craft	NOx	0.00892948	0.010071393	0.011213306	0.011898252	0.012659022	0.013419792
21015	Nonroad	2282010005	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Sterndrive	NOx	0.033520449	0.030340531	0.027160613	0.023546881	0.017162484	0.010778087
21015	Nonroad	2282020005	Mobile Sources	Pleasure Craft	Diesel	Inboard/Sterndrive	NOx	0.028839093	0.028595098	0.028351103	0.028030891	0.027433689	0.026836487
21015	Nonroad	2282020010	Mobile Sources	Pleasure Craft	Diesel	Outboard	NOx	8.10967E-05	7.69042E-05	7.27117E-05	6.89717E-05	6.31152E-05	5.72588E-05
21015	Nonroad	2285002015	Mobile Sources	Railroad Equipment	Diesel	Railway Maintenance	NOx	0.002474474	0.002206786	0.001939099	0.001675762	0.001240495	0.000805229
21015	Nonroad	2285004015	Mobile Sources	Railroad Equipment	Gasoline, 4-Stroke	Railway Maintenance	NOx	4.56875E-05	3.70034E-05	2.83192E-05	2.54869E-05	2.56427E-05	2.57986E-05
21015	Nonroad	2285006015	Mobile Sources	Railroad Equipment	LPG	Railway Maintenance	NOx	3.88873E-06	2.85368E-06	1.81863E-06	1.29926E-06	8.63367E-07	4.27478E-07
21015	**Nonroad**					**TOTAL**	**NOx**	**2.156804**	**1.792585**	**1.428367**	**1.213366**	**0.979381**	**0.750550**
21015	Point	10200401	External Combustion Boilers	Industrial	Residual Oil - Grade 6	Boiler	NOx	0	0	0	0	0	0
21015	Point	10200502	External Combustion Boilers	Industrial	Distillate Oil	10-100 Million BTU/hr **	NOx	0	0	0	0	0	0
21015	Point	10200503	External Combustion Boilers	Industrial	Distillate Oil	< 10 Million BTU/hr **	NOx	0.000595861	0.000595861	0.000595861	0.000595861	0.000595861	0.000595861
21015	Point	10200602	External Combustion Boilers	Industrial	Natural Gas	10-100 Million BTU/hr	NOx	0.045576568	0.045576568	0.045576568	0.045576568	0.045576568	0.045576568
21015	Point	10200603	External Combustion Boilers	Industrial	Natural Gas	< 10 Million BTU/hr	NOx	0.033617027	0.033617027	0.033617027	0.033617027	0.033617027	0.033617027
21015	Point	10300501	External Combustion Boilers	Commercial/Institutional	Distillate Oil - Grades 1 and 2	Boiler	NOx	5.3628E-06	5.3628E-06	5.3628E-06	5.3628E-06	5.3628E-06	5.3628E-06

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21015	Point	10300602	External Combustion Boilers	Commercial/Institutional	Natural Gas	10-100 Million BTU/hr	NOx	0.008362395	0.008362395	0.008362395	0.008362395	0.008362395	0.008362395
21015	Point	10300603	External Combustion Boilers	Commercial/Institutional	Natural Gas	< 10 Million BTU/hr	NOx	0.006606912	0.006606912	0.006606912	0.006606912	0.006606912	0.006606912
21015	Point	10301002	External Combustion Boilers	Commercial/Institutional	Liquified Petroleum Gas (LPG)	Propane	NOx	8.70915E-06	8.70915E-06	8.70915E-06	8.70915E-06	8.70915E-06	8.70915E-06
21015	Point	10500106	External Combustion	Space Heaters	Industrial	Natural Gas	NOx	0.002579284	0.002065242	0.001551201	0.001379853	0.001379853	0.001379853
21015	Point	20200101	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Turbine	NOx	0	0	0	0	0	0
21015	Point	20200102	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Reciprocating	NOx	0.003850514	0.003850514	0.003850514	0.003850514	0.003850514	0.003850514
21015	Point	20200107	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Reciprocating: Exhaust	NOx	0.000597086	0.000597086	0.000597086	0.000597086	0.000597086	0.000597086
21015	Point	20200253	Internal Combustion Engines	Industrial	Natural Gas	4-cycle Rich Burn	NOx	0.001775463	0.001767854	0.001760245	0.001757708	0.001757708	0.001757708
21015	Point	20200254	Internal Combustion Engines	Industrial	Natural Gas	4-cycle Lean Burn	NOx	0.000104319	0.000104319	0.000104319	0.000104319	0.000104319	0.000104319
21015	Point	20200401	Internal Combustion Engines	Industrial	Large Bore Engine	Diesel	NOx	0.001562456	0.001562456	0.001562456	0.001562456	0.001562456	0.001562456
21015	Point	20201001	Internal Combustion Engines	Industrial	Liquified Petroleum Gas (LPG)	Propane: Reciprocating	NOx	0.001338922	0.001333183	0.001327445	0.001325532	0.001325532	0.001325532
21015	Point	20300101	Internal Combustion Engines	Commercial/Institutional	Distillate Oil (Diesel)	Reciprocating	NOx	0.004434786	0.004434786	0.004434786	0.004434786	0.004434786	0.004434786
21015	Point	2265008005	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Airport Ground Support Equipment	Airport Ground Support Equipment	NOx	0.026233853	0.026781883	0.027329912	0.029847923	0.035686258	0.041524594
21015	Point	2267008005	Mobile Sources	LPG	Airport Ground Support Equipment	Airport Ground Support Equipment	NOx	0.002097282	0.002141095	0.002184907	0.002386211	0.002852961	0.00331971
21015	Point	2268008005	Mobile Sources	CNG	Airport Ground Support Equipment	Airport Ground Support Equipment	NOx	0.001658521	0.001693168	0.001727815	0.001887005	0.002256108	0.002625212
21015	Point	2270008005	Mobile Sources	Off-highway Vehicle Diesel	Airport Ground Support Equipment	Airport Ground Support Equipment	NOx	0.124618914	0.127222223	0.129825532	0.141786861	0.16952076	0.197254658
21015	Point	2275001000	Mobile Sources	Aircraft	Military Aircraft	Total	NOx	1.60281E-05	1.63629E-05	1.66977E-05	1.82361E-05	2.18032E-05	2.53702E-05
21015	Point	2275020000	Mobile Sources	Aircraft	Commercial Aircraft	Total: All Types	NOx	1.785457909	1.822756409	1.860054909	2.03142897	2.42878204	2.82613511
21015	Point	2275050011	Mobile Sources	Aircraft	General Aviation	Piston	NOx	0.000199478	0.000196921	0.000194364	0.000193901	0.000194872	0.000195843
21015	Point	2275050012	Mobile Sources	Aircraft	General Aviation	Turbine	NOx	0.000322937	0.000317301	0.000311665	0.000309918	0.000310247	0.000310576

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	2275060011	Mobile Sources	Aircraft	Air Taxi	Piston	NOx	0.002018126	0.001771128	0.001524131	0.001353201	0.001131709	0.000910217
21015	Point	2275060012	Mobile Sources	Aircraft	Air Taxi	Turbine	NOx	0.039042633	0.034264216	0.029485799	0.026179001	0.021894019	0.017609038
21015	Point	2275070000	Mobile Sources	Aircraft	Aircraft Auxiliary Power Units	Total	NOx	0.05183512	0.052917964	0.054000808	0.058976111	0.070512	0.082047889
21015	Point	30101401	Industrial Processes	Chemical Manufacturing	Paint Manufacture	General Mixing and Handling	NOx		0	0	0		0
21015	Point	30101802	Industrial Processes	Chemical Manufacturing	Plastics Production	Polypropylene and Copolymers	NOx		0	0	0		0
21015	Point	30101822	Industrial Processes	Chemical Manufacturing	Plastics Production	Acrylic Resins	NOx		0	0	0		0
21015	Point	30101899	Industrial Processes	Chemical Manufacturing	Plastics Production	Others Not Specified	NOx		0	0	0		0
21015	Point	30102099	Industrial Processes	Chemical Manufacturing	Printing Ink Manufacture	Other Not Classified	NOx		0	0	0		0
21015	Point	30180002	Industrial Processes	Chemical Manufacturing	General Processes	Pipeline Valves: Gas Stream	NOx		0	0	0		0
21015	Point	30180003	Industrial Processes	Chemical Manufacturing	General Processes	Pipeline Valves: Light Liquid/Gas Stream	NOx		0	0	0		0
21015	Point	30180006	Industrial Processes	Chemical Manufacturing	General Processes	Open-ended Valves: All Streams	NOx		0	0	0		0
21015	Point	30180007	Industrial Processes	Chemical Manufacturing	General Processes	Flanges: All Streams	NOx		0	0	0		0
21015	Point	30180008	Industrial Processes	Chemical Manufacturing	General Processes	Pump Seals: Light Liquid/Gas Stream	NOx		0	0	0		0
21015	Point	30183001	Industrial Processes	Chemical Manufacturing	General Processes	Storage/Transfer	NOx		0	0	0		0
21015	Point	30188801	Industrial Processes	Chemical Manufacturing	Fugitive Emissions	Specify in Comments Field	NOx		0	0	0		0
21015	Point	30190013	Industrial Processes	Chemical Manufacturing	Fuel Fired Equipment	Natural Gas: Incinerators	NOx	0.009209209	0.009209209	0.009209209	0.009209209	0.009209209	0.009209209
21015	Point	30199998	Industrial Processes	Chemical Manufacturing	Other Not Classified	Specify in Comments Field	NOx		0	0	0		0
21015	Point	30203202	Industrial Processes	Food and Agriculture	Bakeries	Bread Baking: Straight-Dough Process	NOx		0	0	0		0
21015	Point	30288801	Industrial Processes	Food and Agriculture	Fugitive Emissions	Specify in Comments Field	NOx		0	0	0		0
21015	Point	30290003	Industrial Processes	Food and Agriculture	Fuel Fired Equipment	Natural Gas: Process Heaters	NOx	0.002216677	0.002216677	0.002216677	0.002216677	0.002216677	0.002216677
21015	Point	30299998	Industrial Processes	Food and Agriculture	Other Not Specified	Other Not Classified	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	30500205	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Dryer: Drum Mix Plant (see 3-05-002-55 thru -63 for subtypes)	NOx	0.009499411	0.005428235	0.001357059	0		0
21015	Point	30500250	Industrial Processes	Mineral Products	Asphalt Concrete	Conventional Continuous Mix (outside of drum) Plant: Rotary Dryer	NOx	0.009208796	0.009208796	0.009208796	0.009208796	0.009208796	0.009208796
21015	Point	30500255	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Mix Plant: Rotary Drum Dryer / Mixer, Natural Gas-Fired	NOx	0.004932925	0.004932925	0.004932925	0.004932925	0.004932925	0.004932925
21015	Point	30500299	Industrial Processes	Mineral Products	Asphalt Concrete	See Comment **	NOx	0.002136097	0.002136097	0.002136097	0.002136097	0.002136097	0.002136097
21015	Point	30501099	Industrial Processes	Mineral Products	Coal Mining, Cleaning, and Material Handling	Other Not Classified	NOx		0	0	0		0
21015	Point	30502099	Industrial Processes	Mineral Products	Stone Quarrying - Processing (See also 305320)	Not Classified **	NOx	0.001715305	0.000980174	0.000245044	0		0
21015	Point	30800720	Industrial Processes	Rubber and Miscellaneous Plastics Products	Fiberglass Resin Products	General	NOx		0	0	0		0
21015	Point	30801007	Industrial Processes	Rubber and Miscellaneous Plastics Products	Plastic Products Manufacturing	Molding Machine	NOx		0	0	0		0
21015	Point	30899999	Industrial Processes	Rubber and Miscellaneous Plastics Products	Other Not Specified	Other Not Classified	NOx		0	0	0		0
21015	Point	39000699	Industrial Processes	In-process Fuel Use	Natural Gas	General	NOx	0.030920057	0.030920057	0.030920057	0.030920057	0.030920057	0.030920057
21015	Point	39001099	Industrial Processes	In-process Fuel Use	Liquified Petroleum Gas	General	NOx	1.34001E-05	1.34001E-05	1.34001E-05	1.34001E-05	1.34001E-05	1.34001E-05
21015	Point	39999992	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		0	0	0		0
21015	Point	39999994	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		0	0	0		0
21015	Point	39999995	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx	0.000204319	0.000204319	0.000204319	0.000204319	0.000204319	0.000204319
21015	Point	39999996	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	39999999	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx	0.016504548	0.016504548	0.016504548	0.016504548	0.016504548	0.016504548
21015	Point	40100198	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Dry Cleaning	Other Not Classified	NOx		0	0	0		0
21015	Point	40100205	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Degreasing	Trichloroethylene: Open-top Vapor Degreasing	NOx		0	0	0		0
21015	Point	40100299	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Degreasing	Other Not Classified: Open-top Vapor Degreasing	NOx		0	0	0		0
21015	Point	40188898	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Fugitive Emissions	Specify in Comments Field	NOx		0	0	0		0
21015	Point	40200101	Petroleum and Solvent Evaporation	Surface Coating Operations	Surface Coating Application - General	Paint: Solvent-base	NOx		0	0	0		0
21015	Point	40200701	Petroleum and Solvent Evaporation	Surface Coating Operations	Surface Coating Application - General	Adhesive Application	NOx		0	0	0		0
21015	Point	40201001	Petroleum and Solvent Evaporation	Surface Coating Operations	Coating Oven Heater	Natural Gas	NOx	0.015301157	0.015301157	0.015301157	0.015301157	0.015301157	0.015301157
21015	Point	40202605	Petroleum and Solvent Evaporation	Surface Coating Operations	Steel Drums	Equipment Cleanup	NOx		0	0	0		0
21015	Point	40202606	Petroleum and Solvent Evaporation	Surface Coating Operations	Steel Drums	Interior Coating	NOx		0	0	0		0
21015	Point	40202607	Petroleum and Solvent Evaporation	Surface Coating Operations	Steel Drums	Exterior Coating	NOx		0	0	0		0
21015	Point	40290013	Petroleum and Solvent Evaporation	Surface Coating Operations	Fuel Fired Equipment	Natural Gas: Incinerator/Afterburner	NOx	0	0	0	0	0	0
21015	Point	40299998	Petroleum and Solvent Evaporation	Surface Coating Operations	Miscellaneous	Specify in Comments Field	NOx		0	0	0		0
21015	Point	40301016	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)	NOx		0	0	0		0
21015	Point	40301018	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Working Loss (Tank Diameter Independent)	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	40301099	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Specify Liquid: Working Loss (Tank Diameter Independent)	NOx						
21015	Point	40399999	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Other Not Classified	See Comment **	NOx						
21015	Point	40400251	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Plants	Valves, Flanges, and Pumps	NOx						
21015	Point	40400402	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Gasoline RVP 13: Working Loss	NOx						
21015	Point	40400414	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Distillate Fuel #2: Working Loss	NOx						
21015	Point	40400498	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Specify Liquid: Working Loss	NOx						
21015	Point	40500301	Petroleum and Solvent Evaporation	Printing/Publishing	Flexographic	Printing	NOx						
21015	Point	40500314	Petroleum and Solvent Evaporation	Printing/Publishing	Flexographic	Propyl Alcohol Cleanup	NOx						
21015	Point	40500401	Petroleum and Solvent Evaporation	Printing/Publishing	Lithographic	Printing	NOx						
21015	Point	40500418	Petroleum and Solvent Evaporation	Printing/Publishing	Offset Lithography	Dampening Solution with Isopropyl Alcohol	NOx						
21015	Point	40500431	Petroleum and Solvent Evaporation	Printing/Publishing	Offset Lithography	Nonheated Lithographic Inks	NOx						
21015	Point	40500597	Petroleum and Solvent Evaporation	Printing/Publishing	General	Other Not Classified	NOx						
21015	Point	40600136	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Splash Loading (Normal Service)	NOx						
21015	Point	40600139	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Kerosene: Splash Loading (Normal Service)	NOx						

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	40600140	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Distillate Oil: Splash Loading (Normal Service)	NOx		0	0	0		0
21015	Point	40600301	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Splash Filling	NOx		0	0	0		0
21015	Point	40600307	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Underground Tank Breathing and Emptying	NOx		0	0	0		0
21015	Point	40600399	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Not Classified **	NOx		0	0	0		0
21015	Point	40600401	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Vapor Loss w/o Controls	NOx		0	0	0		0
21015	Point	40600402	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Liquid Spill Loss w/o Controls	NOx		0	0	0		0
21015	Point	40704401	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Esters	Butyl Acetate: Breathing Loss	NOx		0	0	0		0
21015	Point	40704404	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Esters	Butyl Acrylate: Working Loss	NOx		0	0	0		0
21015	Point	40704417	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Esters	Methyl Methacrylate: Breathing Loss	NOx		0	0	0		0
21015	Point	40704418	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Esters	Methyl Methacrylate: Working Loss	NOx		0	0	0		0
21015	Point	40714698	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Miscellaneous	Specify In Comments: Working Loss	NOx		0	0	0		0
21015	Point	42500301	Petroleum and Solvent Evaporation			Fixed Roof Tanks (1,000 Bbl Size) Breathing Loss	NOx		0	0	0		0
21015	Point	49000199	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Solvent Extraction Process	Other Not Classified	NOx		0	0	0		0
21015	Point	50282599	Waste Disposal	Solid Waste Disposal - Commercial/Institutional	Wastewater, Points of Generation	Specify Point of Generation	NOx		0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	50300601	Waste Disposal	Solid Waste Disposal - Industrial	Landfill Dump	Waste Gas Flares	NOx	0	0	0	0	0	0
21015	**Point**					**TOTAL**	**NOx**	**2.246378**	**2.277623**	**2.308867**	**2.494800**	**2.933595**	**3.372390**
21015	EGU	10100202	External Combustion Boilers	Electric Generation	Bituminous Coal, Pulverized	Spreader Stoker	VOC	0.166459423	0.164231385	0.162003348	0.161260669	0.161260669	0.161260669
21015	EGU	10100501	External Combustion Boilers	Electric Generation	Distillate Oil - Grades 1 and 2	Boiler, Normal firing	VOC	0.000187244	0.000106997	2.67492E-05	0		0
21015	EGU	20100102	Internal Combustion Engines	Electric Generation	Distillate Oil (Diesel)	Reciprocating	VOC	2.1586E-05	1.84499E-05	1.53137E-05	1.42684E-05	1.42684E-05	1.42684E-05
21015	EGU	20100802	Internal Combustion Engines	Electric Generation	Landfill Gas	Reciprocating	VOC	0.123490196	0.123490196	0.123490196	0.123490196	0.123490196	0.123490196
21015	**EGU**					**TOTAL**	**VOC**	**0.290158**	**0.287847**	**0.285536**	**0.284765**	**0.284765**	**0.284765**
21015	Nonpoint	2104001000	Stationary Source Fuel Combustion	Residential	Anthracite Coal	Total: All Combustor Types	VOC	8.48581E-09	8.48581E-09	8.48581E-09	8.48581E-09	8.48581E-09	8.48581E-09
21015	Nonpoint	2104002000	Stationary Source Fuel Combustion	Residential	Bituminous/Subbituminous Coal	Total: All Combustor Types	VOC	4.23442E-06	4.23442E-06	4.23442E-06	4.23442E-06	4.23442E-06	4.23442E-06
21015	Nonpoint	2104004000	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	VOC	0.000256078	0.000256078	0.000256078	0.000256078	0.000256078	0.000256078
21015	Nonpoint	2104006000	Stationary Source Fuel Combustion	Residential	Natural Gas	Total: All Combustor Types	VOC	0.002814405	0.002814405	0.002814405	0.002814405	0.002814405	0.002814405
21015	Nonpoint	2104007000	Stationary Source Fuel Combustion	Residential	Liquified Petroleum Gas (LPG)	Total: All Combustor Types	VOC	0.001440302	0.001440302	0.001440302	0.001440302	0.001440302	0.001440302
21015	Nonpoint	2104008100	Stationary Source Fuel Combustion	Residential	Wood	Fireplace: general	VOC	0.075290033	0.077613268	0.079936503	0.082367296	0.086508248	0.090649199
21015	Nonpoint	2104008210	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; non-EPA certified	VOC	0.096824346	0.092550243	0.08827614	0.083614739	0.07552299	0.067431241
21015	Nonpoint	2104008220	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; non-catalytic	VOC	0.006983361	0.00752507	0.008066779	0.00866236	0.009699888	0.010737416
21015	Nonpoint	2104008230	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; catalytic	VOC	0.002909749	0.003135463	0.003361176	0.003609336	0.004041642	0.004473948

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2104008310	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, non-EPA certified	VOC	0.077433279	0.076769565	0.076105851	0.075375766	0.074103648	0.07283153
21015	Nonpoint	2104008320	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, non-catalytic	VOC	0.005586683	0.00602005	0.006453417	0.006929881	0.007759903	0.008589924
21015	Nonpoint	2104008330	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, catalytic	VOC	0.002327789	0.002508359	0.002688928	0.002887456	0.003233298	0.003579141
21015	Nonpoint	2104008400	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: pellet-fired, general (freestanding or FP insert)	VOC	5.75027E-06	7.33981E-06	8.92935E-06	1.0675E-05	1.37144E-05	1.67538E-05
21015	Nonpoint	2104008510	Stationary Source Fuel Combustion	Residential	Wood	Furnace: Indoor, cordwood-fired, non-EPA certified	VOC	0.005254058	0.005485987	0.005717916	0.006113471	0.006909086	0.0077047
21015	Nonpoint	2104008610	Stationary Source Fuel Combustion	Residential	Wood	Hydronic heater: outdoor	VOC	0	0	0	0	0	0
21015	Nonpoint	2104008700	Stationary Source Fuel Combustion	Residential	Wood	Outdoor wood burning device, NEC (fire-pits, chimeas, etc)	VOC	0.00121915	0.00125677	0.001294389	0.00133375	0.001400804	0.001467857
21015	Nonpoint	2104009000	Stationary Source Fuel Combustion	Residential	Firelog	Total: All Combustor Types	VOC	0.009148802	0.009431108	0.009713414	0.010008789	0.010511973	0.011015157
21015	Nonpoint	2104011000	Stationary Source Fuel Combustion	Residential	Kerosene	Total: All Heater Types	VOC	0.000216307	0.000216307	0.000216307	0.000216307	0.000216307	0.000216307
21015	Nonpoint	2285002006	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives: Class I Operations	VOC	0.028010803	0.028010803	0.028010803	0.028010803	0.028010803	0.028010803
21015	Nonpoint	2302002100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Conveyorized Charbroiling	VOC	0.003693845	0.003693845	0.003693845	0.003693845	0.003693845	0.003693845
21015	Nonpoint	2302002200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	VOC	0.009863317	0.009863317	0.009863317	0.009863317	0.009863317	0.009863317
21015	Nonpoint	2302003000	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Deep Fat Fying	VOC	0.001846917	0.001846917	0.001846917	0.001846917	0.001846917	0.001846917

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2302003100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Flat Griddle Frying	VOC	0.001257475	0.001257475	0.001257475	0.001257475	0.001257475	0.001257475
21015	Nonpoint	2302003200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Clamshell Griddle Frying	VOC	3.9296E-05	3.9296E-05	3.9296E-05	3.9296E-05	3.9296E-05	3.9296E-05
21015	Nonpoint	2310000220	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Drill Rigs	VOC	0	0	0	0	0	0
21015	Nonpoint	2310000330	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Artificial Lift	VOC	0	0	0	0	0	0
21015	Nonpoint	2310000550	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Produced Water	VOC	0	0	0	0	0	0
21015	Nonpoint	2310000660	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Hydraulic Fracturing Engines	VOC	0	0	0	0	0	0
21015	Nonpoint	2310010100	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Heaters	VOC	0	0	0	0	0	0
21015	Nonpoint	2310010200	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Tanks - Flashing & Standing/Working/Breathing	VOC	0	0	0	0	0	0
21015	Nonpoint	2310010300	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Pneumatic Devices	VOC	0	0	0	0	0	0
21015	Nonpoint	2310011000	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Total: All Processes	VOC	0	0	0	0	0	0
21015	Nonpoint	2310011201	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Tank Truck/Railcar Loading: Crude Oil	VOC	0	0	0	0	0	0
21015	Nonpoint	2310011501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Connectors	VOC	0	0	0	0	0	0
21015	Nonpoint	2310011502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Flanges	VOC	0	0	0	0	0	0
21015	Nonpoint	2310011503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Open Ended Lines	VOC	0	0	0	0	0	0
21015	Nonpoint	2310011505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Valves	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021010	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Storage Tanks: Condensate	VOC	0	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2310021030	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Tank Truck/Railcar Loading: Condensate	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Heaters	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021202	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Lean Burn Compressor Engines 50 To 499 HP	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021251	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Lean Burn	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021300	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Pneumatic Devices	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021302	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Rich Burn Compressor Engines 50 To 499 HP	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021351	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Rich Burn	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021400	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Dehydrators	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Connectors	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Flanges	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Open Ended Lines	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Valves	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021506	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Other	VOC	0	0	0	0	0	0
21015	Nonpoint	2310021603	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Venting - Blowdowns	VOC	0	0	0	0	0	0
21015	Nonpoint	2310111100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Mud Degassing	VOC	0	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutan	011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerd	030 Summerday
21015	Nonpoint	2310111401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Oil Well Pneumatic Pumps	VOC	0	0	0	0	0	0
21015	Nonpoint	2310121100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Mud Degassing	VOC	0	0	0	0	0	0
21015	Nonpoint	2310121401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Pneumatic Pumps	VOC	0	0	0	0	0	0
21015	Nonpoint	2310121700	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Completion: All Processes	VOC	0	0	0	0	0	0
21015	Nonpoint	2401001000	Solvent Utilization	Surface Coating	Architectural Coatings	Total: All Solvent Types	VOC	0.379246914	0.379246914	0.379246914	0.379246914	0.379246914	0.379246914
21015	Nonpoint	2401005000	Solvent Utilization	Surface Coating	Auto Refinishing: SIC 7532	Total: All Solvent Types	VOC	0.108176607	0.108176607	0.108176607	0.108176607	0.108176607	0.108176607
21015	Nonpoint	2401008000	Solvent Utilization	Surface Coating	Traffic Markings	Total: All Solvent Types	VOC	0.000306605	0.000306605	0.000306605	0.000306605	0.000306605	0.000306605
21015	Nonpoint	2401015000	Solvent Utilization	Surface Coating	Factory Finished Wood: SIC 2426 thru 242	Total: All Solvent Types	VOC	0.004366579	0.004366579	0.004366579	0.004366579	0.004366579	0.004366579
21015	Nonpoint	2401020000	Solvent Utilization	Surface Coating	Wood Furniture: SIC 25	Total: All Solvent Types	VOC	0.023711529	0.023711529	0.023711529	0.023711529	0.023711529	0.023711529
21015	Nonpoint	2401025000	Solvent Utilization	Surface Coating	Metal Furniture: SIC 25	Total: All Solvent Types	VOC	0.031785213	0.031785213	0.031785213	0.031785213	0.031785213	0.031785213
21015	Nonpoint	2401030000	Solvent Utilization	Surface Coating	Paper: SIC 26	Total: All Solvent Types	VOC	0.006527613	0.006527613	0.006527613	0.006527613	0.006527613	0.006527613
21015	Nonpoint	2401040000	Solvent Utilization	Surface Coating	Metal Cans: SIC 341	Total: All Solvent Types	VOC	0.213204028	0.213204028	0.213204028	0.213204028	0.213204028	0.213204028
21015	Nonpoint	2401055000	Solvent Utilization	Surface Coating	Machinery and Equipment: SIC 35	Total: All Solvent Types	VOC	0.002565401	0.002565401	0.002565401	0.002565401	0.002565401	0.002565401
21015	Nonpoint	2401070000	Solvent Utilization	Surface Coating	Motor Vehicles: SIC 371	Total: All Solvent Types	VOC	0.319396112	0.319396112	0.319396112	0.319396112	0.319396112	0.319396112
21015	Nonpoint	2401075000	Solvent Utilization	Surface Coating	Aircraft: SIC 372	Total: All Solvent Types	VOC	0.005816603	0.005816603	0.005816603	0.005816603	0.005816603	0.005816603
21015	Nonpoint	2401090000	Solvent Utilization	Surface Coating	Miscellaneous Manufacturing	Total: All Solvent Types	VOC	0.041093827	0.041093827	0.041093827	0.041093827	0.041093827	0.041093827
21015	Nonpoint	2401100000	Solvent Utilization	Surface Coating	Industrial Maintenance Coatings	Total: All Solvent Types	VOC	0.097631237	0.097631237	0.097631237	0.097631237	0.097631237	0.097631237
21015	Nonpoint	2401200000	Solvent Utilization	Surface Coating	Other Special Purpose Coatings	Total: All Solvent Types	VOC	0.010360076	0.010360076	0.010360076	0.010360076	0.010360076	0.010360076
21015	Nonpoint	2415000000	Solvent Utilization	Degreasing	All Processes/All Industries	Total: All Solvent Types	VOC	0.409513219	0.409513219	0.409513219	0.409513219	0.409513219	0.409513219
21015	Nonpoint	2420000000	Solvent Utilization	Dry Cleaning	All Processes	Total: All Solvent Types	VOC	0.014440733	0.014440733	0.014440733	0.014440733	0.014440733	0.014440733
21015	Nonpoint	2460100000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Personal Care Products	Total: All Solvent Types	VOC	0.307381536	0.307381536	0.307381536	0.307381536	0.307381536	0.307381536

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2460200000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Household Products	Total: All Solvent Types	VOC	0.291203704	0.291203704	0.291203704	0.291203704	0.291203704	0.291203704
21015	Nonpoint	2460400000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Automotive Aftermarket Products	Total: All Solvent Types	VOC	0.220020425	0.220020425	0.220020425	0.220020425	0.220020425	0.220020425
21015	Nonpoint	2460500000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Coatings and Related Products	Total: All Solvent Types	VOC	0.153690087	0.153690087	0.153690087	0.153690087	0.153690087	0.153690087
21015	Nonpoint	2460600000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Adhesives and Sealants	Total: All Solvent Types	VOC	0.092214461	0.092214461	0.092214461	0.092214461	0.092214461	0.092214461
21015	Nonpoint	2460800000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All FIFRA Related Products	Total: All Solvent Types	VOC	0.28796841	0.28796841	0.28796841	0.28796841	0.28796841	0.28796841
21015	Nonpoint	2460900000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	Miscellaneous Products (Not Otherwise Covered)	Total: All Solvent Types	VOC	0.011324578	0.011324578	0.011324578	0.011324578	0.011324578	0.011324578
21015	Nonpoint	2461021000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Cutback Asphalt	Total: All Solvent Types	VOC	0.005559203	0.005559203	0.005559203	0.005559203	0.005559203	0.005559203
21015	Nonpoint	2461022000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Emulsified Asphalt	Total: All Solvent Types	VOC	0.020567234	0.020567234	0.020567234	0.020567234	0.020567234	0.020567234
21015	Nonpoint	2461850000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Pesticide Application: Agricultural	All Processes	VOC	0.027876608	0.027876608	0.027876608	0.027876608	0.027876608	0.027876608
21015	Nonpoint	2501011011	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Permeation	VOC	0.139573802	0.088781227	0.037988652	0.022659236	0.026662842	0.030666448
21015	Nonpoint	2501011012	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Evaporation (includes Diurnal losses)	VOC	0.272513617	0.165848236	0.059182855	0.024358893	0.026186808	0.028014722
21015	Nonpoint	2501011014	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Refilling at the Pump - Vapor Displacement	VOC	0.00811329	0.006340386	0.004567483	0.004302287	0.005116718	0.005931149
21015	Nonpoint	2501012011	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Permeation	VOC	0.004458034	0.002941771	0.001425507	0.00096761	0.00108642	0.00120523
21015	Nonpoint	2501012012	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Evaporation (includes Diurnal losses)	VOC	0.008704139	0.005297226	0.001890313	0.000778028	0.00083641	0.000894796

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2501012014	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Refilling at the Pump - Vapor Displacement	VOC	0.015636084	0.013844471	0.012052858	0.011867651	0.012897645	0.013927639
21015	Nonpoint	2501050120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Terminals: All Evaporative Losses	Gasoline	VOC	0.157922113	0.154896777	0.15187144	0.145622876	0.132522581	0.119422285
21015	Nonpoint	2501055120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Plants: All Evaporative Losses	Gasoline	VOC	0.100834967	0.098903257	0.096971548	0.092981772	0.084617093	0.076252413
21015	Nonpoint	2501060051	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Submerged Filling	VOC	0	0	0	0	0	0
21015	Nonpoint	2501060052	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Splash Filling	VOC	0.171516612	0.168715991	0.16591537	0.159251303	0.144924988	0.130598673
21015	Nonpoint	2501060053	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Balanced Submerged Filling	VOC	0.032808007	0.032272299	0.031736591	0.030461876	0.027721513	0.024981149
21015	Nonpoint	2501060201	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Underground Tank: Breathing and Emptying	VOC	0.066117647	0.06503804	0.063958434	0.061389514	0.055866887	0.05034426
21015	Nonpoint	2501080050	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 1: Total	VOC	0.128430283	0.128430283	0.128430283	0.128430283	0.128430283	0.128430283
21015	Nonpoint	2501080100	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 2: Total	VOC	0.006664161	0.006664161	0.006664161	0.006664161	0.006664161	0.006664161
21015	Nonpoint	2505030120	Storage and Transport	Petroleum and Petroleum Product Transport	Truck	Gasoline	VOC	0.004324101	0.004253495	0.004182889	0.004014881	0.0036537	0.00329252
21015	Nonpoint	2505040120	Storage and Transport	Petroleum and Petroleum Product Transport	Pipeline	Gasoline	VOC	0.110097495	0.107988341	0.105879188	0.101522919	0.092389874	0.083256829
21015	Nonpoint	2630020000	Waste Disposal, Treatment, and Recovery	Wastewater Treatment	Public Owned	Total Processed	VOC	0.005953322	0.005953322	0.005953322	0.005953322	0.005953322	0.005953322
21015	Nonpoint	2801500000	Miscellaneous Area Sources	Agriculture Production - Crops - as nonpoint	Agricultural Field Burning - whole field set on fire	Unspecified crop type and Burn Method	VOC	0.006546262	0.006546262	0.006546262	0.006546262	0.006546262	0.006546262

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonpoint	2810060100	Miscellaneous Area Sources	Other Combustion	Cremation	Humans	VOC	4.18215E-06	4.18215E-06	4.18215E-06	4.18215E-06	4.18215E-06	4.18215E-06
21015	**Nonpoint**					**TOTAL**	**VOC**	**4.658593**	**4.480414**	**4.302236**	**4.224082**	**4.177178**	**4.130275**
21015	Nonroad	2260001010	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Recreational Equipment	Motorcycles: Off-road	VOC	0.467793094	0.430489359	0.393185625	0.376263559	0.365044841	0.353826122
21015	Nonroad	2260001030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Recreational Equipment	All Terrain Vehicles	VOC	0.542989516	0.412383426	0.281777335	0.197585141	0.095943064	0.014629402
21015	Nonroad	2260001060	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Recreational Equipment	Specialty Vehicles/Carts	VOC	0.00328563	0.002760607	0.002235584	0.00206962	0.002092229	0.002114838
21015	Nonroad	2260002006	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Tampers/Rammers	VOC	0.007373176	0.007413614	0.007454053	0.007510203	0.00761688	0.007723556
21015	Nonroad	2260002009	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Plate Compactors	VOC	0.000266248	0.000267268	0.000268288	0.000270318	0.000274542	0.000278767
21015	Nonroad	2260002021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Paving Equipment	VOC	0.000317024	0.000318585	0.000320146	0.00032265	0.00032761	0.000332571
21015	Nonroad	2260002027	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	2.61001E-06	2.62887E-06	2.64774E-06	2.66898E-06	2.70637E-06	2.74376E-06
21015	Nonroad	2260002039	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	0.018749917	0.018895843	0.019041768	0.019195352	0.019457707	0.019720062
21015	Nonroad	2260002054	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	6.44698E-05	6.48187E-05	6.51676E-05	6.56595E-05	6.65986E-05	6.75376E-05
21015	Nonroad	2260003030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Sweepers/Scrubbers	VOC	0.000101271	7.62405E-05	5.12103E-05	3.06192E-05		0
21015	Nonroad	2260003040	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Other General Industrial Equipment	VOC	7.73946E-06	5.82777E-06	3.91608E-06	2.34204E-06		0
21015	Nonroad	2260004015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	VOC	0.00079652	0.00075427	0.00071202	0.000720404	0.000776573	0.000832742

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerd...	2030 Summerday
21015	Nonroad	2260004016	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	VOC	0.005710186	0.005929989	0.006149792	0.006420685	0.006914747	0.007408808
21015	Nonroad	2260004020	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Residential)	VOC	0.011813635	0.012350915	0.012888195	0.013509151	0.014613809	0.015718467
21015	Nonroad	2260004021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Commercial)	VOC	0.127211301	0.133965915	0.140720529	0.147481399	0.15875473	0.170028061
21015	Nonroad	2260004025	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	VOC	0.014927778	0.014634885	0.014341993	0.014731254	0.015948483	0.017165713
21015	Nonroad	2260004026	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	VOC	0.065297404	0.068564595	0.071831786	0.075235854	0.081023364	0.086810874
21015	Nonroad	2260004030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	VOC	0.009748339	0.009336486	0.008924632	0.009131981	0.009993563	0.010855145
21015	Nonroad	2260004031	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	0.064587279	0.067906438	0.071225597	0.074630488	0.080376751	0.086123013
21015	Nonroad	2260004035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	VOC	0.014714336	0.014981494	0.015248651	0.015835167	0.017078826	0.018322484
21015	Nonroad	2260004036	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	0.062101875	0.06525954	0.068417204	0.071660165	0.07713618	0.082612195
21015	Nonroad	2260004071	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	2.00573E-05	2.10969E-05	2.21364E-05	2.32016E-05	2.49985E-05	2.67953E-05
21015	Nonroad	2260005035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Agricultural Equipment	Sprayers	VOC	6.16922E-05	6.33762E-05	6.50602E-05	6.75192E-05	7.22633E-05	7.70075E-05
21015	Nonroad	2260006005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Generator Sets	VOC	0.001612485	0.001726591	0.001840698	0.001961477	0.002168337	0.002375197
21015	Nonroad	2260006010	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Pumps	VOC	0.011416215	0.012185634	0.012955053	0.01377247	0.015174829	0.016577187

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonroad	2260006015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Air Compressors	VOC	4.0716E-06	4.37717E-06	4.68274E-06	4.99207E-06	5.51077E-06	6.02947E-06
21015	Nonroad	2260006035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Hydro-power Units	VOC	5.73018E-05	6.15899E-05	6.58779E-05	7.02129E-05	7.74769E-05	8.47409E-05
21015	Nonroad	2260007005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Logging Equipment	Chain Saws : 6 HP	VOC	0.000109001	0.000118134	0.000127266	0.000136414	0.000151673	0.000166931
21015	Nonroad	2265001010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Motorcycles: Off-road	VOC	0.019032359	0.018643123	0.018253888	0.018251393	0.018569519	0.018887644
21015	Nonroad	2265001030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	All Terrain Vehicles	VOC	0.213594142	0.209117086	0.204640031	0.201565438	0.197609835	0.193654233
21015	Nonroad	2265001050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Golf Carts	VOC	0.006231696	0.005891543	0.005551389	0.005518415	0.005719442	0.005920468
21015	Nonroad	2265001060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Specialty Vehicles/Carts	VOC	0.00329209	0.002868175	0.002444261	0.002139133	0.001729574	0.001320015
21015	Nonroad	2265002003	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Pavers	VOC	0.00054293	0.000467138	0.000391347	0.000366576	0.000367808	0.000369039
21015	Nonroad	2265002006	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tampers/Rammers	VOC	4.95962E-06	4.29861E-06	3.63761E-06	3.42277E-06	3.43649E-06	3.45021E-06
21015	Nonroad	2265002009	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Plate Compactors	VOC	0.001887489	0.001474085	0.001060681	0.000927923	0.000940532	0.000953141
21015	Nonroad	2265002015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rollers	VOC	0.000864813	0.000770992	0.000677171	0.000650072	0.000660508	0.000670944
21015	Nonroad	2265002021	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Paving Equipment	VOC	0.002818144	0.002308774	0.001799405	0.001631373	0.001635768	0.001640163
21015	Nonroad	2265002024	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Surfacing Equipment	VOC	0.001075256	0.000900124	0.000724993	0.000671162	0.00068253	0.000693897

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21015	Nonroad	2265002027	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	6.36147E-05	5.08355E-05	3.80564E-05	3.40376E-05	3.46399E-05	3.52422E-05
21015	Nonroad	2265002030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Trenchers	VOC	0.002024441	0.001662199	0.001299956	0.001181554	0.001187417	0.00119328
21015	Nonroad	2265002033	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Bore/Drill Rigs	VOC	0.001160868	0.000885372	0.000609876	0.000512178	0.000497511	0.000482844
21015	Nonroad	2265002039	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	0.003110091	0.002904876	0.00269966	0.002648389	0.002691225	0.00273406
21015	Nonroad	2265002042	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cement and Mortar Mixers	VOC	0.003411589	0.002742929	0.002074269	0.001814109	0.001720923	0.001627738
21015	Nonroad	2265002045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cranes	VOC	0.000115309	9.03332E-05	6.5357E-05	5.09226E-05	3.565E-05	2.03774E-05
21015	Nonroad	2265002054	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	0.000281896	0.000235703	0.00018951	0.000174609	0.000175851	0.000177094
21015	Nonroad	2265002057	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	0.000133978	9.54676E-05	5.69577E-05	3.95275E-05	2.80439E-05	1.65602E-05
21015	Nonroad	2265002060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rubber Tire Loaders	VOC	0.00020913	0.000147521	8.59114E-05	6.38112E-05	5.99015E-05	5.59919E-05
21015	Nonroad	2265002066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	0.001112398	0.000992749	0.000873099	0.00083887	0.000853004	0.000867138
21015	Nonroad	2265002072	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Skid Steer Loaders	VOC	0.000725227	0.000597589	0.000469951	0.000408209	0.000360217	0.000312225
21015	Nonroad	2265002078	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Dumpers/Tenders	VOC	0.000491972	0.000409797	0.000327622	0.000290163	0.000264997	0.000239831
21015	Nonroad	2265002081	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Other Construction Equipment	VOC	0.000157916	0.000124656	9.1396E-05	6.81218E-05	3.76531E-05	7.18427E-06

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Nonroad	2265003010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Aerial Lifts	VOC	0.001788434	0.001289132	0.000789829	0.000486458	0.000144117	7.1811E-06
21015	Nonroad	2265003020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Forklifts	VOC	0.002750754	0.00171713	0.000683506	0.000259092	5.94109E-05	1.94746E-05
21015	Nonroad	2265003030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Sweepers/Scrubbers	VOC	0.000913172	0.000618308	0.000323444	0.000164692	1.35323E-05	1.35323E-05
21015	Nonroad	2265003040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other General Industrial Equipment	VOC	0.004189151	0.002766028	0.001342905	0.000625509	1.7954E-05	1.7954E-05
21015	Nonroad	2265003050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other Material Handling Equipment	VOC	0.000121529	8.42595E-05	4.69899E-05	2.63326E-05	5.74706E-06	1.62996E-06
21015	Nonroad	2265003060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	AC\Refrigeration	VOC	2.17472E-05	1.50164E-05	8.28561E-06	4.44302E-06	4.4554E-07	4.4554E-07
21015	Nonroad	2265003070	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Terminal Tractors	VOC	7.28133E-05	5.02664E-05	2.77195E-05	1.51769E-05	2.60954E-06	9.60722E-08
21015	Nonroad	2265004010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Residential)	VOC	0.068268086	0.052907181	0.037546276	0.032718637	0.033450292	0.034181946
21015	Nonroad	2265004011	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Commercial)	VOC	0.066632784	0.054459866	0.042286948	0.039452212	0.04250947	0.045566729
21015	Nonroad	2265004015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	VOC	0.005781277	0.004518693	0.00325611	0.002865322	0.002940506	0.003015689
21015	Nonroad	2265004016	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	VOC	0.039974919	0.032400833	0.024826747	0.022828399	0.024144266	0.025460133
21015	Nonroad	2265004025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	VOC	0.000357445	0.000296538	0.000235631	0.000221808	0.000238008	0.000254208
21015	Nonroad	2265004026	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	VOC	0.001361426	0.001214645	0.001067864	0.001051366	0.001132437	0.001213508

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21015	Nonroad	2265004030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	VOC	0.000637065	0.000483765	0.000330466	0.000289191	0.000313754	0.000338317
21015	Nonroad	2265004031	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	0.029065956	0.026926121	0.024786286	0.024738558	0.026402432	0.028066307
21015	Nonroad	2265004035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	VOC	0.006458083	0.005885124	0.005312165	0.005313475	0.005794217	0.006274958
21015	Nonroad	2265004036	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	0.017085953	0.017713626	0.018341298	0.019158588	0.020678752	0.022198916
21015	Nonroad	2265004040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Residential)	VOC	0.006483347	0.005540188	0.004597029	0.004396493	0.004681118	0.004965743
21015	Nonroad	2265004041	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Commercial)	VOC	0.002903356	0.002663855	0.002424354	0.002420424	0.002610185	0.002799946
21015	Nonroad	2265004046	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Front Mowers (Commercial)	VOC	0.004416778	0.003895976	0.003375173	0.003166346	0.00307828	0.002990215
21015	Nonroad	2265004051	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Shredders < 6 HP (Commercial)	VOC	0.00483062	0.003872533	0.002914446	0.002642312	0.002760382	0.002878452
21015	Nonroad	2265004055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Residential)	VOC	0.068283325	0.058958131	0.049632937	0.047672251	0.050541532	0.053410813
21015	Nonroad	2265004056	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	VOC	0.037077124	0.034233143	0.031389162	0.031408507	0.033826854	0.0362452
21015	Nonroad	2265004066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	0.004228182	0.00379077	0.003353359	0.003309316	0.003563716	0.003818117
21015	Nonroad	2265004071	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	0.129070151	0.112083258	0.095096365	0.092374377	0.099725151	0.107075925
21015	Nonroad	2265004075	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Residential)	VOC	0.004066864	0.003255016	0.002443168	0.002158079	0.002121896	0.002085714

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21015	Nonroad	2265004076	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	VOC	0.010044606	0.007989638	0.005934669	0.005203151	0.005086831	0.00497051
21015	Nonroad	2265005010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	2-Wheel Tractors	VOC	2.41876E-05	2.18082E-05	1.94288E-05	1.9152E-05	2.04429E-05	2.17338E-05
21015	Nonroad	2265005015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Tractors	VOC	4.95982E-05	3.91506E-05	2.87029E-05	2.54268E-05	2.59428E-05	2.64589E-05
21015	Nonroad	2265005020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Combines	VOC	6.08732E-07	5.40611E-07	4.72489E-07	4.06316E-07	2.97653E-07	1.8899E-07
21015	Nonroad	2265005025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Balers	VOC	8.02577E-05	7.1267E-05	6.22763E-05	5.37566E-05	3.99499E-05	2.61432E-05
21015	Nonroad	2265005030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Mowers	VOC	2.39315E-05	2.08461E-05	1.77606E-05	1.68458E-05	1.71299E-05	1.7414E-05
21015	Nonroad	2265005035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Sprayers	VOC	0.000372072	0.000307436	0.0002428	0.000214271	0.000196814	0.000179356
21015	Nonroad	2265005040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Tillers : 6 HP	VOC	0.000939163	0.000866896	0.000794629	0.000729822	0.000628024	0.000526227
21015	Nonroad	2265005045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Swathers	VOC	0.000112676	0.000100099	8.75227E-05	7.53274E-05	5.53195E-05	3.53116E-05
21015	Nonroad	2265005055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Other Agricultural Equipment	VOC	0.000155848	0.000136994	0.00011814	0.000104065	8.45906E-05	6.51162E-05
21015	Nonroad	2265005060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Irrigation Sets	VOC	4.94499E-05	3.75622E-05	2.56744E-05	2.22548E-05	2.36122E-05	2.49697E-05
21015	Nonroad	2265006005	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Generator Sets	VOC	0.06623919	0.057108037	0.047976884	0.046044056	0.04882128	0.051598504
21015	Nonroad	2265006010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pumps	VOC	0.018326302	0.015040586	0.011754869	0.011085958	0.012151776	0.013217595

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21015	Nonroad	2265006015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Air Compressors	VOC	0.007520613	0.006231111	0.004941609	0.004691332	0.005140226	0.00558912
21015	Nonroad	2265006025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Welders	VOC	0.012706458	0.011688204	0.010669949	0.01075136	0.011803431	0.012855503
21015	Nonroad	2265006030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pressure Washers	VOC	0.033207936	0.027617312	0.022026688	0.021041966	0.023239016	0.025436065
21015	Nonroad	2265006035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Hydro-power Units	VOC	0.000935464	0.00080507	0.000674677	0.000659351	0.000729696	0.00080004
21015	Nonroad	2265007010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Shredders : 6 HP	VOC	2.94819E-05	2.71743E-05	2.48666E-05	2.40713E-05	2.40061E-05	2.39409E-05
21015	Nonroad	2265007015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	VOC	3.97542E-07	3.25137E-07	2.52732E-07	2.39372E-07	2.66309E-07	2.93246E-07
21015	Nonroad	2267001060	Mobile Sources	LPG	Recreational Equipment	Specialty Vehicles/Carts	VOC	4.47732E-05	3.91451E-05	3.3517E-05	2.79174E-05	1.86085E-05	9.29958E-06
21015	Nonroad	2267002003	Mobile Sources	LPG	Construction and Mining Equipment	Pavers	VOC	2.35873E-05	1.62579E-05	8.92855E-06	5.6726E-06	3.64052E-06	1.60845E-06
21015	Nonroad	2267002015	Mobile Sources	LPG	Construction and Mining Equipment	Rollers	VOC	2.13536E-05	1.47323E-05	8.11095E-06	5.8708E-06	5.78823E-06	5.70565E-06
21015	Nonroad	2267002021	Mobile Sources	LPG	Construction and Mining Equipment	Paving Equipment	VOC	9.7908E-06	7.46305E-06	5.13529E-06	3.68934E-06	2.01425E-06	3.39165E-07
21015	Nonroad	2267002024	Mobile Sources	LPG	Construction and Mining Equipment	Surfacing Equipment	VOC	3.80634E-06	2.66006E-06	1.51378E-06	1.00345E-06	6.82849E-07	3.6225E-07
21015	Nonroad	2267002030	Mobile Sources	LPG	Construction and Mining Equipment	Trenchers	VOC	7.62587E-05	5.22675E-05	2.82762E-05	1.762E-05	1.09722E-05	4.3244E-06
21015	Nonroad	2267002033	Mobile Sources	LPG	Construction and Mining Equipment	Bore/Drill Rigs	VOC	4.53884E-05	3.98392E-05	3.429E-05	2.85974E-05	1.89902E-05	9.38296E-06
21015	Nonroad	2267002039	Mobile Sources	LPG	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	2.20839E-05	1.65729E-05	1.10619E-05	9.4874E-06	1.01436E-05	1.07999E-05
21015	Nonroad	2267002045	Mobile Sources	LPG	Construction and Mining Equipment	Cranes	VOC	3.95365E-05	3.00125E-05	2.04885E-05	1.42947E-05	6.74676E-06	7.08432E-07
21015	Nonroad	2267002054	Mobile Sources	LPG	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	6.52078E-06	4.82179E-06	3.1228E-06	2.12458E-06	1.04486E-06	1.81084E-07

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21015	Nonroad	2267002057	Mobile Sources	LPG	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	5.61582E-05	3.85726E-05	2.0987E-05	1.28781E-05	7.26068E-06	1.64324E-06
21015	Nonroad	2267002060	Mobile Sources	LPG	Construction and Mining Equipment	Rubber Tire Loaders	VOC	9.21744E-05	6.09408E-05	2.97072E-05	1.84575E-05	1.63613E-05	1.42651E-05
21015	Nonroad	2267002066	Mobile Sources	LPG	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	6.90846E-06	4.6742E-06	2.43994E-06	1.70763E-06	1.73874E-06	1.76985E-06
21015	Nonroad	2267002072	Mobile Sources	LPG	Construction and Mining Equipment	Skid Steer Loaders	VOC	0.000131904	0.000100839	6.97739E-05	4.96341E-05	2.51722E-05	7.10213E-07
21015	Nonroad	2267002081	Mobile Sources	LPG	Construction and Mining Equipment	Other Construction Equipment	VOC	6.26274E-05	4.93923E-05	3.61572E-05	2.621E-05	1.23712E-05	1.30018E-06
21015	Nonroad	2267003010	Mobile Sources	LPG	Industrial Equipment	Aerial Lifts	VOC	0.00093432	0.000746864	0.000559407	0.000414097	0.000207036	4.13867E-05
21015	Nonroad	2267003020	Mobile Sources	LPG	Industrial Equipment	Forklifts	VOC	0.046077451	0.030636961	0.015196471	0.009658592	0.008680969	0.007703347
21015	Nonroad	2267003030	Mobile Sources	LPG	Industrial Equipment	Sweepers/Scrubbers	VOC	0.000205589	0.000146116	8.66424E-05	6.69547E-05	6.72964E-05	6.76382E-05
21015	Nonroad	2267003040	Mobile Sources	LPG	Industrial Equipment	Other General Industrial Equipment	VOC	8.10977E-05	5.52536E-05	2.94096E-05	2.06808E-05	2.03956E-05	2.01104E-05
21015	Nonroad	2267003050	Mobile Sources	LPG	Industrial Equipment	Other Material Handling Equipment	VOC	4.88846E-05	3.63107E-05	2.37369E-05	1.63219E-05	8.26267E-06	2.03469E-07
21015	Nonroad	2267003070	Mobile Sources	LPG	Industrial Equipment	Terminal Tractors	VOC	6.39003E-05	5.22184E-05	4.05365E-05	3.80473E-05	4.15595E-05	4.50717E-05
21015	Nonroad	2267004066	Mobile Sources	LPG	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	0.000385314	0.000258679	0.000132044	8.79997E-05	8.34169E-05	7.88341E-05
21015	Nonroad	2267005055	Mobile Sources	LPG	Agricultural Equipment	Other Agricultural Equipment	VOC	4.4564E-07	3.86711E-07	3.27782E-07	2.70134E-07	1.75122E-07	8.01105E-08
21015	Nonroad	2267005060	Mobile Sources	LPG	Agricultural Equipment	Irrigation Sets	VOC	9.33494E-08	6.14753E-08	2.96012E-08	1.858E-08	1.75887E-08	1.65974E-08
21015	Nonroad	2267006005	Mobile Sources	LPG	Commercial Equipment	Generator Sets	VOC	0.001404376	0.001259533	0.00111469	0.000950359	0.000660234	0.000370109
21015	Nonroad	2267006010	Mobile Sources	LPG	Commercial Equipment	Pumps	VOC	0.000245466	0.000198319	0.000151171	0.000118021	7.44342E-05	3.08476E-05
21015	Nonroad	2267006015	Mobile Sources	LPG	Commercial Equipment	Air Compressors	VOC	0.000237255	0.000167829	9.84033E-05	6.97245E-05	5.58821E-05	4.20397E-05
21015	Nonroad	2267006025	Mobile Sources	LPG	Commercial Equipment	Welders	VOC	0.000422356	0.00029166	0.000160964	0.00010417	7.10996E-05	3.80291E-05
21015	Nonroad	2267006030	Mobile Sources	LPG	Commercial Equipment	Pressure Washers	VOC	7.44278E-06	5.91454E-06	4.38631E-06	3.30498E-06	1.87519E-06	4.45405E-07
21015	Nonroad	2267006035	Mobile Sources	LPG	Commercial Equipment	Hydro-power Units	VOC	2.81137E-06	2.06674E-06	1.32211E-06	1.0211E-06	8.89087E-07	7.57076E-07
21015	Nonroad	2268002081	Mobile Sources	CNG	Construction and Mining Equipment	Other Construction Equipment	VOC	1.52424E-07	1.20399E-07	8.83738E-08	6.43228E-08	3.08829E-08	4.13102E-09

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21015	Nonroad	2268003020	Mobile Sources	CNG	Industrial Equipment	Forklifts	VOC	0.000194634	0.000129722	6.48097E-05	4.14883E-05	3.72785E-05	3.30688E-05
21015	Nonroad	2268003030	Mobile Sources	CNG	Industrial Equipment	Sweepers/Scrubbers	VOC	2.48356E-07	1.65349E-07	8.23428E-08	5.29986E-08	4.88103E-08	4.46221E-08
21015	Nonroad	2268003040	Mobile Sources	CNG	Industrial Equipment	Other General Industrial Equipment	VOC	1.17418E-07	7.90247E-08	4.06316E-08	2.74746E-08	2.65764E-08	2.56782E-08
21015	Nonroad	2268003060	Mobile Sources	CNG	Industrial Equipment	AC\Refrigeration	VOC	1.47718E-07	1.03773E-07	5.98289E-08	4.27467E-08	3.66617E-08	3.05767E-08
21015	Nonroad	2268003070	Mobile Sources	CNG	Industrial Equipment	Terminal Tractors	VOC	2.95081E-07	2.41708E-07	1.88334E-07	1.76544E-07	1.91546E-07	2.06549E-07
21015	Nonroad	2268005055	Mobile Sources	CNG	Agricultural Equipment	Other Agricultural Equipment	VOC	1.65006E-08	1.20249E-08	7.54909E-09	4.90295E-09	2.0174E-09	2.86071E-10
21015	Nonroad	2268005060	Mobile Sources	CNG	Agricultural Equipment	Irrigation Sets	VOC	7.86375E-08	4.49357E-08	1.12339E-08	0		0
21015	Nonroad	2268006005	Mobile Sources	CNG	Commercial Equipment	Generator Sets	VOC	2.56277E-05	2.29529E-05	2.0278E-05	1.72931E-05	1.20599E-05	6.82673E-06
21015	Nonroad	2268006010	Mobile Sources	CNG	Commercial Equipment	Pumps	VOC	1.10015E-06	9.08754E-07	7.1736E-07	5.57368E-07	3.16882E-07	7.63963E-08
21015	Nonroad	2268006015	Mobile Sources	CNG	Commercial Equipment	Air Compressors	VOC	1.09875E-06	7.67574E-07	4.36399E-07	2.9599E-07	2.20945E-07	1.459E-07
21015	Nonroad	2268006020	Mobile Sources	CNG	Commercial Equipment	Gas Compressors	VOC	7.10987E-06	7.67057E-06	8.23127E-06	8.79247E-06	9.72821E-06	1.06639E-05
21015	Nonroad	2270001060	Mobile Sources	Off-highway Vehicle Diesel	Recreational Equipment	Specialty Vehicles/Carts	VOC	0.000679608	0.000592825	0.000506043	0.000427184	0.000302356	0.000177527
21015	Nonroad	2270002003	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Pavers	VOC	0.00121092	0.001026443	0.000841965	0.000765968	0.000729706	0.000693444
21015	Nonroad	2270002006	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tampers/Rammers	VOC	5.22536E-06	4.87956E-06	4.53376E-06	4.48609E-06	4.65509E-06	4.82408E-06
21015	Nonroad	2270002009	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Plate Compactors	VOC	7.99328E-05	7.44916E-05	6.90503E-05	6.84479E-05	7.14763E-05	7.45047E-05
21015	Nonroad	2270002015	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rollers	VOC	0.0032905	0.002783788	0.002277077	0.002055268	0.001923005	0.001790743
21015	Nonroad	2270002018	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Scrapers	VOC	0.00248916	0.002296962	0.002104763	0.002041761	0.002044419	0.002047078
21015	Nonroad	2270002021	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Paving Equipment	VOC	0.000220266	0.000190226	0.000160187	0.000144054	0.000128756	0.000113457
21015	Nonroad	2270002024	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Surfacing Equipment	VOC	0.000148052	0.000129235	0.000110417	9.95074E-05	8.79139E-05	7.63204E-05
21015	Nonroad	2270002027	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	0.000622316	0.0005641	0.000505883	0.000487292	0.000489326	0.000491361
21015	Nonroad	2270002030	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Trenchers	VOC	0.001851249	0.001555155	0.00125906	0.00108545	0.000898171	0.000710893

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21015	Nonroad	2270002033	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Bore/Drill Rigs	VOC	0.001957546	0.001740986	0.001524427	0.001361477	0.001134568	0.000907658
21015	Nonroad	2270002036	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Excavators	VOC	0.010454724	0.009089822	0.00772492	0.007341488	0.007520325	0.007699162
21015	Nonroad	2270002039	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	0.000136438	0.000114814	9.31905E-05	8.08061E-05	6.78649E-05	5.49237E-05
21015	Nonroad	2270002042	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cement and Mortar Mixers	VOC	0.000103668	9.38948E-05	8.41214E-05	7.62033E-05	6.45525E-05	5.29017E-05
21015	Nonroad	2270002045	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cranes	VOC	0.002682395	0.00236175	0.002041104	0.00189449	0.001795159	0.001695829
21015	Nonroad	2270002048	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Graders	VOC	0.002642815	0.0023011	0.001959384	0.00185153	0.00186666	0.001881789
21015	Nonroad	2270002051	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Trucks	VOC	0.008059767	0.007783856	0.007507944	0.007153791	0.006498333	0.005842876
21015	Nonroad	2270002054	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	0.00052574	0.000454061	0.000382382	0.000346878	0.000317849	0.00028882
21015	Nonroad	2270002057	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	0.004894624	0.004072731	0.003250838	0.002815165	0.002410892	0.00200662
21015	Nonroad	2270002060	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rubber Tire Loaders	VOC	0.013048869	0.011529065	0.010009262	0.009258358	0.008647604	0.008036849
21015	Nonroad	2270002066	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	0.026738151	0.022384973	0.018031795	0.014627853	0.009745645	0.004863437
21015	Nonroad	2270002069	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crawler Tractor/Dozers	VOC	0.010736566	0.009542896	0.008349226	0.007872984	0.007677102	0.007481221
21015	Nonroad	2270002072	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Skid Steer Loaders	VOC	0.023713303	0.02011711	0.016520918	0.013622882	0.009374619	0.005126356
21015	Nonroad	2270002075	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Tractors	VOC	0.001309321	0.001185356	0.001061391	0.000988388	0.000909184	0.00082998
21015	Nonroad	2270002078	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Dumpers/Tenders	VOC	8.13199E-05	6.97568E-05	5.81936E-05	4.84995E-05	3.39E-05	1.93006E-05
21015	Nonroad	2270002081	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Other Construction Equipment	VOC	0.001424579	0.001247054	0.001069529	0.00097381	0.000882449	0.000791087
21015	Nonroad	2270003010	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Aerial Lifts	VOC	0.001552977	0.00136101	0.001169043	0.000983357	0.000679116	0.000374875
21015	Nonroad	2270003020	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Forklifts	VOC	0.003884322	0.003302516	0.00272071	0.002611042	0.002821711	0.00303238

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21015	Nonroad	2270003030	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Sweepers/Scrubbers	VOC	0.002113806	0.001785894	0.001457981	0.001340532	0.001320168	0.001299804
21015	Nonroad	2270003040	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other General Industrial Equipment	VOC	0.002448106	0.002105553	0.001763001	0.00158055	0.001409885	0.00123922
21015	Nonroad	2270003050	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other Material Handling Equipment	VOC	0.000282159	0.000246923	0.000211688	0.000180907	0.000133319	8.57302E-05
21015	Nonroad	2270003060	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	AC\Refrigeration	VOC	0.002681431	0.002238654	0.001795877	0.001646638	0.001642521	0.001638404
21015	Nonroad	2270003070	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Terminal Tractors	VOC	0.002047359	0.001769788	0.001492217	0.001435885	0.001526364	0.001616844
21015	Nonroad	2270004031	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	6.85937E-07	6.45796E-07	6.05655E-07	5.62302E-07	4.87369E-07	4.12436E-07
21015	Nonroad	2270004036	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	7.99767E-05	7.32873E-05	6.65979E-05	6.19449E-05	5.58869E-05	4.9829E-05
21015	Nonroad	2270004046	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Front Mowers (Commercial)	VOC	0.002905562	0.002624467	0.002343372	0.002215233	0.002129132	0.002043032
21015	Nonroad	2270004056	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	VOC	0.000612908	0.000594005	0.000575103	0.000590565	0.000644974	0.000699383
21015	Nonroad	2270004066	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	0.003389444	0.003089505	0.002789565	0.002547871	0.002193585	0.001839298
21015	Nonroad	2270004071	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	0.000271582	0.000238706	0.00020583	0.000197267	0.000203256	0.000209245
21015	Nonroad	2270004076	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	VOC	1.21786E-05	1.12341E-05	1.02897E-05	9.59748E-06	8.65412E-06	7.71076E-06
21015	Nonroad	2270005010	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	2-Wheel Tractors	VOC	2.61785E-07	2.56188E-07	2.50592E-07	2.56829E-07	2.77085E-07	2.97341E-07
21015	Nonroad	2270005015	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Tractors	VOC	0.008141695	0.006974856	0.005808017	0.005044667	0.004108656	0.003172645
21015	Nonroad	2270005020	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Combines	VOC	0.000800837	0.000718541	0.000636246	0.000570673	0.00047532	0.000379966
21015	Nonroad	2270005025	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Balers	VOC	6.82596E-06	5.91996E-06	5.01396E-06	4.28862E-06	3.23026E-06	2.17191E-06
21015	Nonroad	2270005030	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Mowers	VOC	1.17617E-06	1.01317E-06	8.50169E-07	7.21951E-07	5.37241E-07	3.52532E-07
21015	Nonroad	2270005035	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Sprayers	VOC	9.09864E-05	7.81633E-05	6.53402E-05	5.61411E-05	4.38292E-05	3.15173E-05
21015	Nonroad	2270005040	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Tillers : 6 HP	VOC	8.73799E-08	7.70084E-08	6.66368E-08	5.94274E-08	5.00469E-08	4.06663E-08
21015	Nonroad	2270005045	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Swathers	VOC	7.73273E-05	6.94329E-05	6.15384E-05	5.42278E-05	4.25299E-05	3.08319E-05

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21015	Nonroad	2270005055	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Other Agricultural Equipment	VOC	0.000187131	0.000160603	0.000134074	0.00011589	9.25378E-05	6.91852E-05
21015	Nonroad	2270005060	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Irrigation Sets	VOC	8.79838E-05	7.42208E-05	6.04577E-05	5.19172E-05	4.20351E-05	3.2153E-05
21015	Nonroad	2270006005	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Generator Sets	VOC	0.004846401	0.004281687	0.003716973	0.003313005	0.002773678	0.002234351
21015	Nonroad	2270006010	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pumps	VOC	0.001090851	0.0009803	0.000869748	0.000782896	0.000657892	0.000532889
21015	Nonroad	2270006015	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Air Compressors	VOC	0.001982607	0.001686016	0.001389425	0.00121277	0.001018292	0.000823813
21015	Nonroad	2270006025	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Welders	VOC	0.003466973	0.002889751	0.002312528	0.001882591	0.001288766	0.000694942
21015	Nonroad	2270006030	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pressure Washers	VOC	0.000161632	0.000147083	0.000132534	0.000119619	9.94545E-05	7.92901E-05
21015	Nonroad	2270006035	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Hydro-power Units	VOC	7.16565E-05	6.16214E-05	5.15862E-05	4.56574E-05	3.91978E-05	3.27383E-05
21015	Nonroad	2270007015	Mobile Sources	Off-highway Vehicle Diesel	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	VOC	1.61858E-05	1.32385E-05	1.02911E-05	9.00413E-06	8.24288E-06	7.48163E-06
21015	Nonroad	2282005010	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Outboard	VOC	0.285271537	0.228651092	0.172030647	0.133835916	0.085532792	0.037229669
21015	Nonroad	2282005015	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Personal Water Craft	VOC	0.073583643	0.053663207	0.03374277	0.024380046	0.017573599	0.010767152
21015	Nonroad	2282010005	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Sterndrive	VOC	0.031445547	0.028411597	0.025377646	0.023013827	0.01963257	0.016251314
21015	Nonroad	2282020005	Mobile Sources	Pleasure Craft	Diesel	Inboard/Sterndrive	VOC	0.001300696	0.001398573	0.00149645	0.001590416	0.001743769	0.001897122
21015	Nonroad	2282020010	Mobile Sources	Pleasure Craft	Diesel	Outboard	VOC	1.62011E-05	1.43434E-05	1.24858E-05	1.15224E-05	1.06617E-05	9.80101E-06
21015	Nonroad	2285002015	Mobile Sources	Railroad Equipment	Diesel	Railway Maintenance	VOC	0.00042667	0.000371734	0.000316798	0.000271116	0.000202692	0.000134267
21015	Nonroad	2285004015	Mobile Sources	Railroad Equipment	Gasoline, 4-Stroke	Railway Maintenance	VOC	0.000109125	9.21084E-05	7.50921E-05	7.07407E-05	7.40423E-05	7.7344E-05
21015	Nonroad	2285006015	Mobile Sources	Railroad Equipment	LPG	Railway Maintenance	VOC	1.08486E-06	7.74717E-07	4.64574E-07	3.00782E-07	1.49756E-07	2.89344E-08
21015	**Nonroad**					**TOTAL**	**VOC**	**2.956706**	**2.581673**	**2.206640**	**2.030268**	**1.901865**	**1.795024**
21015	Point	10200401	External Combustion Boilers	Industrial	Residual Oil - Grade 6	Boiler	VOC	0	0	0	0	0	0
21015	Point	10200502	External Combustion Boilers	Industrial	Distillate Oil	10-100 Million BTU/hr **	VOC	0	0	0	0	0	0
21015	Point	10200503	External Combustion Boilers	Industrial	Distillate Oil	< 10 Million BTU/hr **	VOC	8.54739E-06	8.54739E-06	8.54739E-06	8.54739E-06	8.54739E-06	8.54739E-06
21015	Point	10200602	External Combustion Boilers	Industrial	Natural Gas	10-100 Million BTU/hr	VOC	0.003204241	0.003200873	0.003197506	0.003196383	0.003196383	0.003196383
21015	Point	10200603	External Combustion Boilers	Industrial	Natural Gas	< 10 Million BTU/hr	VOC	0.001837581	0.001837581	0.001837581	0.001837581	0.001837581	0.001837581

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21015	Point	10300501	External Combustion Boilers	Commercial/Institutional	Distillate Oil - Grades 1 and 2	Boiler	VOC	1.50159E-07	1.50159E-07	1.50159E-07	1.50159E-07	1.50159E-07	1.50159E-07
21015	Point	10300602	External Combustion Boilers	Commercial/Institutional	Natural Gas	10-100 Million BTU/hr	VOC	0.000459932	0.000459932	0.000459932	0.000459932	0.000459932	0.000459932
21015	Point	10300603	External Combustion Boilers	Commercial/Institutional	Natural Gas	< 10 Million BTU/hr	VOC	0.00036338	0.00036338	0.00036338	0.00036338	0.00036338	0.00036338
21015	Point	10301002	External Combustion Boilers	Commercial/Institutional	Liquified Petroleum Gas (LPG)	Propane	VOC	5.35948E-07	5.35948E-07	5.35948E-07	5.35948E-07	5.35948E-07	5.35948E-07
21015	Point	10500106	External Combustion	Space Heaters	Industrial	Natural Gas	VOC	0.000141861	0.000113588	8.53161E-05	7.5892E-05	7.5892E-05	7.5892E-05
21015	Point	20200101	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Turbine	VOC	0	0	0	0	0	0
21015	Point	20200102	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Reciprocating	VOC	0.00030035	0.000256714	0.000213077	0.000198531	0.000198531	0.000198531
21015	Point	20200107	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Reciprocating: Exhaust	VOC	1.67929E-05	1.67929E-05	1.67929E-05	1.67929E-05	1.67929E-05	1.67929E-05
21015	Point	20200253	Internal Combustion Engines	Industrial	Natural Gas	4-cycle Rich Burn	VOC	2.378E-05	2.30462E-05	2.23124E-05	2.20678E-05	2.20678E-05	2.20678E-05
21015	Point	20200254	Internal Combustion Engines	Industrial	Natural Gas	4-cycle Lean Burn	VOC	3.01708E-06	2.92398E-06	2.83088E-06	2.79985E-06	2.79985E-06	2.79985E-06
21015	Point	20200401	Internal Combustion Engines	Industrial	Large Bore Engine	Diesel	VOC	3.99167E-05	3.99167E-05	3.99167E-05	3.99167E-05	3.99167E-05	3.99167E-05
21015	Point	20201001	Internal Combustion Engines	Industrial	Liquified Petroleum Gas (LPG)	Propane: Reciprocating	VOC	5.06838E-05	5.06838E-05	5.06838E-05	5.06838E-05	5.06838E-05	5.06838E-05
21015	Point	20300101	Internal Combustion Engines	Commercial/Institutional	Distillate Oil (Diesel)	Reciprocating	VOC	0.000320371	0.000273826	0.000227281	0.000211765	0.000211765	0.000211765
21015	Point	2265008005	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Airport Ground Support Equipment	Airport Ground Support Equipment	VOC	0.008889878	0.009075589	0.0092613	0.01011458	0.012093019	0.014071459
21015	Point	2267008005	Mobile Sources	LPG	Airport Ground Support Equipment	Airport Ground Support Equipment	VOC	0.000710708	0.000725555	0.000740402	0.000808618	0.000966786	0.001124953
21015	Point	2268008005	Mobile Sources	CNG	Airport Ground Support Equipment	Airport Ground Support Equipment	VOC	0.000562023	0.000573764	0.000585505	0.00063945	0.000764528	0.000889606
21015	Point	2270008005	Mobile Sources	Off-highway Vehicle Diesel	Airport Ground Support Equipment	Airport Ground Support Equipment	VOC	0.042229789	0.043111976	0.043994163	0.048047515	0.057445741	0.066843966
21015	Point	2275001000	Mobile Sources	Aircraft	Military Aircraft	Total	VOC	0.000143958	0.000146966	0.000149973	0.000163791	0.000195828	0.000227866

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	2275020000	Mobile Sources	Aircraft	Commercial Aircraft	Total: All Types	VOC	0.311430589	0.317936423	0.324442258	0.354334379	0.423643154	0.492951929
21015	Point	2275050011	Mobile Sources	Aircraft	General Aviation	Piston	VOC	0.000461788	0.000455869	0.000449951	0.000448877	0.000451126	0.000453374
21015	Point	2275050012	Mobile Sources	Aircraft	General Aviation	Turbine	VOC	0.00068011	0.00066825	0.000656391	0.000652718	0.000653418	0.000654119
21015	Point	2275060011	Mobile Sources	Aircraft	Air Taxi	Piston	VOC	0.002167296	0.001902041	0.001636786	0.001453223	0.001215359	0.000977495
21015	Point	2275060012	Mobile Sources	Aircraft	Air Taxi	Turbine	VOC	0.045101006	0.039581107	0.034061207	0.030241282	0.025291386	0.02034149
21015	Point	2275070000	Mobile Sources	Aircraft	Aircraft Auxiliary Power Units	Total	VOC	0.007007837	0.007154232	0.007300627	0.007973262	0.009532853	0.011092445
21015	Point	30101401	Industrial Processes	Chemical Manufacturing	Paint Manufacture	General Mixing and Handling	VOC	0.000312813	0.000312813	0.000312813	0.000312813	0.000312813	0.000312813
21015	Point	30101802	Industrial Processes	Chemical Manufacturing	Plastics Production	Polypropylene and Copolymers	VOC	2.9785E-07	2.9785E-07	2.9785E-07	2.9785E-07	2.9785E-07	2.9785E-07
21015	Point	30101822	Industrial Processes	Chemical Manufacturing	Plastics Production	Acrylic Resins	VOC	0.001077451	0.001077451	0.001077451	0.001077451	0.001077451	0.001077451
21015	Point	30101899	Industrial Processes	Chemical Manufacturing	Plastics Production	Others Not Specified	VOC	0.015534334	0.015534334	0.015534334	0.015534334	0.015534334	0.015534334
21015	Point	30102099	Industrial Processes	Chemical Manufacturing	Printing Ink Manufacture	Other Not Classified	VOC	0.018188876	0.018188876	0.018188876	0.018188876	0.018188876	0.018188876
21015	Point	30180002	Industrial Processes	Chemical Manufacturing	General Processes	Pipeline Valves: Gas Stream	VOC	0.00033386	0.00033386	0.00033386	0.00033386	0.00033386	0.00033386
21015	Point	30180003	Industrial Processes	Chemical Manufacturing	General Processes	Pipeline Valves: Light Liquid/Gas Stream	VOC	0.025303012	0.025303012	0.025303012	0.025303012	0.025303012	0.025303012
21015	Point	30180006	Industrial Processes	Chemical Manufacturing	General Processes	Open-ended Valves: All Streams	VOC	0.000354689	0.000354689	0.000354689	0.000354689	0.000354689	0.000354689
21015	Point	30180007	Industrial Processes	Chemical Manufacturing	General Processes	Flanges: All Streams	VOC	0.004292445	0.004292445	0.004292445	0.004292445	0.004292445	0.004292445
21015	Point	30180008	Industrial Processes	Chemical Manufacturing	General Processes	Pump Seals: Light Liquid/Gas Stream	VOC	0.001523063	0.001523063	0.001523063	0.001523063	0.001523063	0.001523063
21015	Point	30183001	Industrial Processes	Chemical Manufacturing	General Processes	Storage/Transfer	VOC	5.63372E-05	5.63372E-05	5.63372E-05	5.63372E-05	5.63372E-05	5.63372E-05
21015	Point	30188801	Industrial Processes	Chemical Manufacturing	Fugitive Emissions	Specify in Comments Field	VOC	0.002589602	0.002589602	0.002589602	0.002589602	0.002589602	0.002589602
21015	Point	30190013	Industrial Processes	Chemical Manufacturing	Fuel Fired Equipment	Natural Gas: Incinerators	VOC	0.000506507	0.000506507	0.000506507	0.000506507	0.000506507	0.000506507
21015	Point	30199998	Industrial Processes	Chemical Manufacturing	Other Not Classified	Specify in Comments Field	VOC	0.000123937	0.000123937	0.000123937	0.000123937	0.000123937	0.000123937
21015	Point	30203202	Industrial Processes	Food and Agriculture	Bakeries	Bread Baking: Straight-Dough Process	VOC	0.174516966	0.174516966	0.174516966	0.174516966	0.174516966	0.174516966
21015	Point	30288801	Industrial Processes	Food and Agriculture	Fugitive Emissions	Specify in Comments Field	VOC	0.005099237	0.005099237	0.005099237	0.005099237	0.005099237	0.005099237
21015	Point	30290003	Industrial Processes	Food and Agriculture	Fuel Fired Equipment	Natural Gas: Process Heaters	VOC	0.000121917	0.000121917	0.000121917	0.000121917	0.000121917	0.000121917
21015	Point	30299998	Industrial Processes	Food and Agriculture	Other Not Specified	Other Not Classified	VOC	0.017079248	0.017079248	0.017079248	0.017079248	0.017079248	0.017079248

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	30500205	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Dryer: Drum Mix Plant (see 3-05-002-55 thru -63 for subtypes)	VOC	0.004842851	0.002767344	0.000691836	0		0
21015	Point	30500250	Industrial Processes	Mineral Products	Asphalt Concrete	Conventional Continuous Mix (outside of drum) Plant: Rotary Dryer	VOC	0.011333905	0.011333905	0.011333905	0.011333905	0.011333905	0.011333905
21015	Point	30500255	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Mix Plant: Rotary Drum Dryer / Mixer, Natural Gas-Fired	VOC	0.006071296	0.006071296	0.006071296	0.006071296	0.006071296	0.006071296
21015	Point	30500299	Industrial Processes	Mineral Products	Asphalt Concrete	See Comment **	VOC	0.00070064	0.00070064	0.00070064	0.00070064	0.00070064	0.00070064
21015	Point	30501099	Industrial Processes	Mineral Products	Coal Mining, Cleaning, and Material Handling	Other Not Classified	VOC	0	0	0	0	0	0
21015	Point	30502099	Industrial Processes	Mineral Products	Stone Quarrying - Processing (See also 305320)	Not Classified **	VOC	0.000389842	0.000222767	5.56917E-05	0		0
21015	Point	30800720	Industrial Processes	Rubber and Miscellaneous Plastics Products	Fiberglass Resin Products	General	VOC	6.15468E-06	6.15468E-06	6.15468E-06	6.15468E-06	6.15468E-06	6.15468E-06
21015	Point	30801007	Industrial Processes	Rubber and Miscellaneous Plastics Products	Plastic Products Manufacturing	Molding Machine	VOC	6.31367E-05	6.31367E-05	6.31367E-05	6.31367E-05	6.31367E-05	6.31367E-05
21015	Point	30899999	Industrial Processes	Rubber and Miscellaneous Plastics Products	Other Not Specified	Other Not Classified	VOC	0.013601142	0.013601142	0.013601142	0.013601142	0.013601142	0.013601142
21015	Point	39000699	Industrial Processes	In-process Fuel Use	Natural Gas	General	VOC	0.001579498	0.001579498	0.001579498	0.001579498	0.001579498	0.001579498
21015	Point	39001099	Industrial Processes	In-process Fuel Use	Liquified Petroleum Gas	General	VOC	8.24619E-07	8.24619E-07	8.24619E-07	8.24619E-07	8.24619E-07	8.24619E-07
21015	Point	39999992	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.00405044	0.00405044	0.00405044	0.00405044	0.00405044	0.00405044
21015	Point	39999994	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.268735512	0.268735512	0.268735512	0.268735512	0.268735512	0.268735512
21015	Point	39999995	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.380621579	0.380621579	0.380621579	0.380621579	0.380621579	0.380621579
21015	Point	39999996	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.015131185	0.015131185	0.015131185	0.015131185	0.015131185	0.015131185

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	39999999	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.256167375	0.256167375	0.256167375	0.256167375	0.256167375	0.256167375
21015	Point	40100198	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Dry Cleaning	Other Not Classified	VOC	0.02079175	0.02079175	0.02079175	0.02079175	0.02079175	0.02079175
21015	Point	40100205	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Degreasing	Trichloroethylene: Open-top Vapor Degreasing	VOC	0	0	0	0	0	0
21015	Point	40100299	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Degreasing	Other Not Classified: Open-top Vapor Degreasing	VOC	0.00050409	0.00050409	0.00050409	0.00050409	0.00050409	0.00050409
21015	Point	40188898	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Fugitive Emissions	Specify in Comments Field	VOC	0.004338804	0.004338804	0.004338804	0.004338804	0.004338804	0.004338804
21015	Point	40200101	Petroleum and Solvent Evaporation	Surface Coating Operations	Surface Coating Application - General	Paint: Solvent-base	VOC	0.049720921	0.028411955	0.007102989	0		0
21015	Point	40200701	Petroleum and Solvent Evaporation	Surface Coating Operations	Surface Coating Application - General	Adhesive Application	VOC	0.00631305	0.00631305	0.00631305	0.00631305	0.00631305	0.00631305
21015	Point	40201001	Petroleum and Solvent Evaporation	Surface Coating Operations	Coating Oven Heater	Natural Gas	VOC	0.000841564	0.000841564	0.000841564	0.000841564	0.000841564	0.000841564
21015	Point	40202605	Petroleum and Solvent Evaporation	Surface Coating Operations	Steel Drums	Equipment Cleanup	VOC	0.010297181	0.010297181	0.010297181	0.010297181	0.010297181	0.010297181
21015	Point	40202606	Petroleum and Solvent Evaporation	Surface Coating Operations	Steel Drums	Interior Coating	VOC	0.098971133	0.098971133	0.098971133	0.098971133	0.098971133	0.098971133
21015	Point	40202607	Petroleum and Solvent Evaporation	Surface Coating Operations	Steel Drums	Exterior Coating	VOC	0.093473584	0.093473584	0.093473584	0.093473584	0.093473584	0.093473584
21015	Point	40290013	Petroleum and Solvent Evaporation	Surface Coating Operations	Fuel Fired Equipment	Natural Gas: Incinerator/Afterburner	VOC	0	0	0	0	0	0
21015	Point	40299998	Petroleum and Solvent Evaporation	Surface Coating Operations	Miscellaneous	Specify in Comments Field	VOC	0.02489915	0.021358814	0.017818478	0.016638366	0.016638366	0.016638366
21015	Point	40301016	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)	VOC	8.98693E-06	8.98693E-06	8.98693E-06	8.98693E-06	8.98693E-06	8.98693E-06
21015	Point	40301018	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Working Loss (Tank Diameter Independent)	VOC	1.96313E-06	1.96313E-06	1.96313E-06	1.96313E-06	1.96313E-06	1.96313E-06

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerd	030 Summerday
21015	Point	40301099	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Specify Liquid: Working Loss (Tank Diameter Independent)	VOC	8.39171E-09	8.39171E-09	8.39171E-09	8.39171E-09	8.39171E-09	8.39171E-09
21015	Point	40399999	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Other Not Classified	See Comment **	VOC	0.000114694	0.000114694	0.000114694	0.000114694	0.000114694	0.000114694
21015	Point	40400251	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Plants	Valves, Flanges, and Pumps	VOC	2.64856E-05	2.59782E-05	2.54708E-05	2.44229E-05	2.22258E-05	2.00287E-05
21015	Point	40400402	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Gasoline RVP 13: Working Loss	VOC	0.000795286	0.000782301	0.000769315	0.000738415	0.000671987	0.000605559
21015	Point	40400414	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Distillate Fuel #2: Working Loss	VOC	0.001059145	0.001059145	0.001059145	0.001059145	0.001059145	0.001059145
21015	Point	40400498	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Specify Liquid: Working Loss	VOC	4.44271E-07	4.44271E-07	4.44271E-07	4.44271E-07	4.44271E-07	4.44271E-07
21015	Point	40500301	Petroleum and Solvent Evaporation	Printing/Publishing	Flexographic	Printing	VOC	0.072869969	0.072869969	0.072869969	0.072869969	0.072869969	0.072869969
21015	Point	40500314	Petroleum and Solvent Evaporation	Printing/Publishing	Flexographic	Propyl Alcohol Cleanup	VOC	0.00254945	0.00254945	0.00254945	0.00254945	0.00254945	0.00254945
21015	Point	40500401	Petroleum and Solvent Evaporation	Printing/Publishing	Lithographic	Printing	VOC	0.000405655	0.000405655	0.000405655	0.000405655	0.000405655	0.000405655
21015	Point	40500418	Petroleum and Solvent Evaporation	Printing/Publishing	Offset Lithography	Dampening Solution with Isopropyl Alcohol	VOC	0.000531046	0.000531046	0.000531046	0.000531046	0.000531046	0.000531046
21015	Point	40500431	Petroleum and Solvent Evaporation	Printing/Publishing	Offset Lithography	Nonheated Lithographic Inks	VOC	0.000717939	0.000717939	0.000717939	0.000717939	0.000717939	0.000717939
21015	Point	40500597	Petroleum and Solvent Evaporation	Printing/Publishing	General	Other Not Classified	VOC	0.085933668	0.085933668	0.085933668	0.085933668	0.085933668	0.085933668
21015	Point	40600136	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Splash Loading (Normal Service)	VOC	0.000304045	0.000299081	0.000294116	0.000282303	0.000256907	0.000231511
21015	Point	40600139	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Kerosene: Splash Loading (Normal Service)	VOC	0	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21015	Point	40600140	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Distillate Oil: Splash Loading (Normal Service)	VOC	5.1062E-06	5.1062E-06	5.1062E-06	5.1062E-06	5.1062E-06	5.1062E-06
21015	Point	40600301	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Splash Filling	VOC	0.025893551	0.025470746	0.025047942	0.02404188	0.021879062	0.019716244
21015	Point	40600307	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Underground Tank Breathing and Emptying	VOC	0.083460376	0.082097587	0.080734798	0.077492048	0.070520831	0.063549613
21015	Point	40600399	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Not Classified **	VOC	0.001053118	0.001035922	0.001018726	0.000977809	0.000889845	0.000801881
21015	Point	40600401	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Vapor Loss w/o Controls	VOC	0.18821698	0.185143665	0.182070351	0.174757412	0.159036161	0.14331491
21015	Point	40600402	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Liquid Spill Loss w/o Controls	VOC	0.055226573	0.055226573	0.055226573	0.055226573	0.055226573	0.055226573
21015	Point	40704401	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Esters	Butyl Acetate: Breathing Loss	VOC	0	0	0	0	0	0
21015	Point	40704404	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Esters	Butyl Acrylate: Working Loss	VOC	3.66204E-05	3.66204E-05	3.66204E-05	3.66204E-05	3.66204E-05	3.66204E-05
21015	Point	40704417	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Esters	Methyl Methacrylate: Breathing Loss	VOC	6.35866E-07	6.35866E-07	6.35866E-07	6.35866E-07	6.35866E-07	6.35866E-07
21015	Point	40704418	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Esters	Methyl Methacrylate: Working Loss	VOC	0.002211245	0.002211245	0.002211245	0.002211245	0.002211245	0.002211245
21015	Point	40714698	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Miscellaneous	Specify In Comments: Working Loss	VOC	1.34804E-05	9.48145E-06	5.48247E-06	4.14948E-06	4.14948E-06	4.14948E-06
21015	Point	42500301	Petroleum and Solvent Evaporation			Fixed Roof Tanks (1,000 Bbl Size) Breathing Loss	VOC	0	0	0	0	0	0
21015	Point	49000199	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Solvent Extraction Process	Other Not Classified	VOC	0.000245098	0.000245098	0.000245098	0.000245098	0.000245098	0.000245098
21015	Point	50282599	Waste Disposal	Solid Waste Disposal - Commercial/Institutional	Wastewater, Points of Generation	Specify Point of Generation	VOC	0.003994597	0.003994597	0.003994597	0.003994597	0.003994597	0.003994597

gion_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	11 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	0 Summerday
21015	Point	50300601	Waste Disposal	Solid Waste Disposal - Industrial	Landfill Dump	Waste Gas Flares	VOC	0	0	0	0	0	0
21015	**Point**					**TOTAL**	**VOC**	**2.492293**	**2.462127**	**2.431961**	**2.442841**	**2.495179**	**2.547517**

Campbell County

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	EGU	20100102	Internal Combustion Engines	Electric Generation	Distillate Oil (Diesel)	Reciprocating	NOx	0	4.08497E-06	4.08497E-06	4.08497E-06	4.08497E-06	4.08497E-06
21037	**EGU**					**TOTAL**	**NOx**	**0.000000**	**0.000004**	**0.000004**	**0.000004**	**0.000004**	**0.000004**
21037	Nonpoint	2104001000	Stationary Source Fuel Combustion	Residential	Anthracite Coal	Total: All Combustor Types	NOx	3.56404E-08	4.08497E-08	4.08497E-08	4.08497E-08	4.08497E-08	4.08497E-08
21037	Nonpoint	2104002000	Stationary Source Fuel Combustion	Residential	Bituminous/Subbituminous Coal	Total: All Combustor Types	NOx	5.39463E-05	0.004152041	0.004152041	0.004152041	0.004152041	0.004152041
21037	Nonpoint	2104004000	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	NOx	0.005179452	0.000228288	0.000228213	0.000228188	0.000228188	0.000228188
21037	Nonpoint	2104006000	Stationary Source Fuel Combustion	Residential	Natural Gas	Total: All Combustor Types	NOx	0.076167714	9.24621E-06	9.24621E-06	9.24621E-06	9.24621E-06	9.24621E-06
21037	Nonpoint	2104007000	Stationary Source Fuel Combustion	Residential	Liquified Petroleum Gas (LPG)	Total: All Combustor Types	NOx	0.027895153	2.58894E-07	2.58894E-07	2.58894E-07	2.58894E-07	2.58894E-07
21037	Nonpoint	2104008100	Stationary Source Fuel Combustion	Residential	Wood	Fireplace: general	NOx	0.009277587	0	0	0	0	0
21037	Nonpoint	2104008210	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; non-EPA certified	NOx	0.004583524	0	0	0	0	0
21037	Nonpoint	2104008220	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; non-catalytic	NOx	0.001191751	0	0	0	0	0
21037	Nonpoint	2104008230	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; catalytic	NOx	0.000349853	0	0	0	0	0
21037	Nonpoint	2104008310	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, non-EPA certified	NOx	0.00366092	0.038294718	0.038294718	0.038294718	0.038294718	0.038294718
21037	Nonpoint	2104008320	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, non-catalytic	NOx	0.000954352	0.002110295	0.002110295	0.002110295	0.002110295	0.002110295
21037	Nonpoint	2104008330	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, catalytic	NOx	0.00027905	0.002567888	0.002567888	0.002567888	0.002567888	0.002567888

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonpoint	2104008400	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: pellet-fired, general (freestanding or FP insert)	NOx	0.000465686	0.000141234	0.000141234	0.000141234	0.000141234	0.000141234
21037	Nonpoint	2104008510	Stationary Source Fuel Combustion	Residential	Wood	Furnace: Indoor, cordwood-fired, non-EPA certified	NOx	0.000815438	0	0	0	0	0
21037	Nonpoint	2104008610	Stationary Source Fuel Combustion	Residential	Wood	Hydronic heater: outdoor	NOx	0	0	0	0	0	0
21037	Nonpoint	2104008700	Stationary Source Fuel Combustion	Residential	Wood	Outdoor wood burning device, NEC (fire-pits, chimeas, etc)	NOx	0.000160582	0	0	0	0	0
21037	Nonpoint	2104009000	Stationary Source Fuel Combustion	Residential	Firelog	Total: All Combustor Types	NOx	0.001485112	0	0	0	0	0
21037	Nonpoint	2104011000	Stationary Source Fuel Combustion	Residential	Kerosene	Total: All Heater Types	NOx	0.004375041	0.004156974	0.004156974	0.004156974	0.004156974	0.004156974
21037	Nonpoint	2285002006	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives: Class I Operations	NOx	0.607826129	0.000288151	0.000239171	0.000222844	0.000222844	0.000222844
21037	Nonpoint	2302002100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Conveyorized Charbroiling	NOx		0.000479477	0.000479477	0.000479477	0.000479477	0.000479477
21037	Nonpoint	2302002200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	NOx		1.39134E-05	1.39134E-05	1.39134E-05	1.39134E-05	1.39134E-05
21037	Nonpoint	2302003000	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Deep Fat Fying	NOx		0.001181389	0.001181389	0.001181389	0.001181389	0.001181389
21037	Nonpoint	2302003100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Flat Griddle Frying	NOx		6.59152E-05	5.47108E-05	5.0976E-05	5.0976E-05	5.0976E-05
21037	Nonpoint	2302003200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Clamshell Griddle Frying	NOx		6.15296E-06	6.12648E-06	6.11765E-06	6.11765E-06	6.11765E-06
21037	Nonpoint	2310000220	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Drill Rigs	NOx	0	8.02062E-08	7.76525E-08	7.68012E-08	7.68012E-08	7.68012E-08
21037	Nonpoint	2310000330	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Artificial Lift	NOx	0	3.56404E-08	3.56404E-08	3.56404E-08	3.56404E-08	3.56404E-08

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerda	030 Summerday
21037	Nonpoint	2310000550	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Produced Water	NOx		1.18801E-07	1.18801E-07	1.18801E-07	1.18801E-07	1.18801E-07
21037	Nonpoint	2310000660	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Hydraulic Fracturing Engines	NOx	0	5.39463E-05	5.39463E-05	5.39463E-05	5.39463E-05	5.39463E-05
21037	Nonpoint	2310010100	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Heaters	NOx	0	5.9282E-05	5.9282E-05	5.9282E-05	5.9282E-05	5.9282E-05
21037	Nonpoint	2310010200	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Tanks - Flashing & Standing/Working/Breathing	NOx	0	0.005179452	0.005179452	0.005179452	0.005179452	0.005179452
21037	Nonpoint	2310010300	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Pneumatic Devices	NOx		0.000201423	0.000201423	0.000201423	0.000201423	0.000201423
21037	Nonpoint	2310011000	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Total: All Processes	NOx	0	0.076167714	0.076167714	0.076167714	0.076167714	0.076167714
21037	Nonpoint	2310011201	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Tank Truck/Railcar Loading: Crude Oil	NOx		0.004456623	0.004456623	0.004456623	0.004456623	0.004456623
21037	Nonpoint	2310011501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Connectors	NOx		0.027895153	0.027895153	0.027895153	0.027895153	0.027895153
21037	Nonpoint	2310011502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Flanges	NOx		0.001022775	0.001022775	0.001022775	0.001022775	0.001022775
21037	Nonpoint	2310011503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Open Ended Lines	NOx		0.009563867	0.009850147	0.01014968	0.010659948	0.011170215
21037	Nonpoint	2310011505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Valves	NOx		0.069521938	0.071602971	0.073780349	0.077489599	0.081198849
21037	Nonpoint	2310021010	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Storage Tanks: Condensate	NOx	0	0.004381194	0.004178864	0.0039582	0.003575149	0.003192097
21037	Nonpoint	2310021030	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Tank Truck/Railcar Loading: Condensate	NOx		0.082929718	0.079099904	0.074923053	0.067672435	0.060421817
21037	Nonpoint	2310021100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Heaters	NOx	0	0.001284197	0.001376643	0.001478282	0.001655342	0.001832402
21037	Nonpoint	2310021202	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Lean Burn Compressor Engines 50 To 499 HP	NOx	0	0.006758944	0.007245501	0.007780446	0.008712344	0.009644241

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonpoint	2310021251	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Lean Burn	NOx	0	0.000376992	0.00040413	0.000433968	0.000485946	0.000537924
21037	Nonpoint	2310021300	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Pneumatic Devices	NOx		0.002827442	0.003030982	0.003254764	0.003644601	0.004034438
21037	Nonpoint	2310021302	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Rich Burn Compressor Engines 50 To 499 HP	NOx	0	0.003629541	0.003598162	0.003563645	0.003503501	0.003443357
21037	Nonpoint	2310021351	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Rich Burn	NOx	0	0.068702058	0.068108092	0.06745473	0.066316295	0.06517786
21037	Nonpoint	2310021400	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Dehydrators	NOx	0	0.001028382	0.001102413	0.001183805	0.001325595	0.001467384
21037	Nonpoint	2310021501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Connectors	NOx		0.005412537	0.005802171	0.006230552	0.006976812	0.007723072
21037	Nonpoint	2310021502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Flanges	NOx		0.000300696	0.000322342	0.000346141	0.0003876	0.000429059
21037	Nonpoint	2310021503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Open Ended Lines	NOx		0.002255223	0.002417571	0.002596063	0.002907005	0.003217946
21037	Nonpoint	2310021505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Valves	NOx		0.000594415	0.000723144	0.000864513	0.001110662	0.00135681
21037	Nonpoint	2310021506	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Other	NOx		6.41343E-06	7.80235E-06	9.32764E-06	1.19835E-05	1.46393E-05
21037	Nonpoint	2310021603	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Venting - Blowdowns	NOx	0	0.000851434	0.00088743	0.000948821	0.001072302	0.001195782
21037	Nonpoint	2310111100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Mud Degassing	NOx		0.005456329	0.005687004	0.006080421	0.006871734	0.007663048
21037	Nonpoint	2310111401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Oil Well Pneumatic Pumps	NOx		0	0	0	0	0
21037	Nonpoint	2310121100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Mud Degassing	NOx		0	0	0	0	0
21037	Nonpoint	2310121401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Pneumatic Pumps	NOx		0.000165537	0.000170492	0.000175676	0.000184508	0.00019334
21037	Nonpoint	2310121700	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Completion: All Processes	NOx	0	0.001203324	0.001239343	0.00127703	0.001341232	0.001405434
21037	Nonpoint	2401001000	Solvent Utilization	Surface Coating	Architectural Coatings	Total: All Solvent Types	NOx		0.001530938	0.001576764	0.001624712	0.001706393	0.001788074

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonpoint	2401005000	Solvent Utilization	Surface Coating	Auto Refinishing: SIC 7532	Total: All Solvent Types	NOx		0.007881818	0.008117748	0.008364601	0.008785125	0.009205649
21037	Nonpoint	2401008000	Solvent Utilization	Surface Coating	Traffic Markings	Total: All Solvent Types	NOx		0.004375041	0.004375041	0.004375041	0.004375041	0.004375041
21037	Nonpoint	2401015000	Solvent Utilization	Surface Coating	Factory Finished Wood: SIC 2426 thru 242	Total: All Solvent Types	NOx		0.00017014	0.00017014	0.00017014	0.00017014	0.00017014
21037	Nonpoint	2401070000	Solvent Utilization	Surface Coating	Motor Vehicles: SIC 371	Total: All Solvent Types	NOx		5.93712E-05	5.98515E-05	6.03319E-05	6.11326E-05	6.19332E-05
21037	Nonpoint	2401090000	Solvent Utilization	Surface Coating	Miscellaneous Manufacturing	Total: All Solvent Types	NOx		0.002432801	0.00244607	0.002464528	0.002499619	0.002534709
21037	Nonpoint	2401100000	Solvent Utilization	Surface Coating	Industrial Maintenance Coatings	Total: All Solvent Types	NOx		3.96574E-06	3.99783E-06	4.02991E-06	4.08339E-06	4.13687E-06
21037	Nonpoint	2401200000	Solvent Utilization	Surface Coating	Other Special Purpose Coatings	Total: All Solvent Types	NOx		8.77302E-05	8.80647E-05	8.8734E-05	9.01286E-05	9.15232E-05
21037	Nonpoint	2415000000	Solvent Utilization	Degreasing	All Processes/All Industries	Total: All Solvent Types	NOx		4.74833E-06	4.78674E-06	4.82516E-06	4.8892E-06	4.95323E-06
21037	Nonpoint	2420000000	Solvent Utilization	Dry Cleaning	All Processes	Total: All Solvent Types	NOx		0.00010457	0.000105082	0.000105907	0.000107544	0.00010918
21037	Nonpoint	2460100000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Personal Care Products	Total: All Solvent Types	NOx		3.34046E-08	3.36749E-08	3.39451E-08	3.43956E-08	3.4846E-08
21037	Nonpoint	2460200000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Household Products	Total: All Solvent Types	NOx		8.6263E-07	8.6882E-07	8.75799E-07	8.88088E-07	9.00378E-07
21037	Nonpoint	2460400000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Automotive Aftermarket Products	Total: All Solvent Types	NOx		0.000156062	0.000157324	0.000158587	0.000160691	0.000162796
21037	Nonpoint	2460500000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Coatings and Related Products	Total: All Solvent Types	NOx		0.00620006	0.006247939	0.00629836	0.006384515	0.006470669
21037	Nonpoint	2460600000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Adhesives and Sealants	Total: All Solvent Types	NOx		9.34104E-07	9.41663E-07	9.4922E-07	9.61816E-07	9.74411E-07
21037	Nonpoint	2460800000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All FIFRA Related Products	Total: All Solvent Types	NOx		2.12706E-05	2.13851E-05	2.15468E-05	2.18556E-05	2.21645E-05
21037	Nonpoint	2460900000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	Miscellaneous Products (Not Otherwise Covered)	Total: All Solvent Types	NOx		7.83306E-07	5.26738E-07	3.15154E-07		0
21037	Nonpoint	2461021000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Cutback Asphalt	Total: All Solvent Types	NOx		1.92162E-05	1.29074E-05	7.71749E-06		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonpoint	2461022000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Emulsified Asphalt	Total: All Solvent Types	NOx		6.20553E-08	4.17293E-08	2.49671E-08		0
21037	Nonpoint	2461850000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Pesticide Application: Agricultural	All Processes	NOx		1.46888E-06	9.87037E-07	5.90302E-07		0
21037	Nonpoint	2501011011	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Permeation	NOx		2.7279E-05	2.89422E-05	3.04238E-05	3.27417E-05	3.50595E-05
21037	Nonpoint	2501011012	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Evaporation (includes Diurnal losses)	NOx		0.000763796	0.000721123	0.000729711	0.000786742	0.000843774
21037	Nonpoint	2501011014	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Refilling at the Pump - Vapor Displacement	NOx		4.33188E-05	4.55882E-05	4.78014E-05	5.14432E-05	5.50851E-05
21037	Nonpoint	2501012011	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Permeation	NOx		0.000970716	0.001006698	0.001051038	0.001131902	0.001212767
21037	Nonpoint	2501012012	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Evaporation (includes Diurnal losses)	NOx		0.000377915	0.000397635	0.000416914	0.000448678	0.000480442
21037	Nonpoint	2501012014	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Refilling at the Pump - Vapor Displacement	NOx		0.012494885	0.013038396	0.013664187	0.014775739	0.01588729
21037	Nonpoint	2501050120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Terminals: All Evaporative Losses	Gasoline	NOx		0.000480636	0.00050488	0.000529084	0.000569394	0.000609703
21037	Nonpoint	2501055120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Plants: All Evaporative Losses	Gasoline	NOx		0.021928887	0.023034537	0.024141099	0.025986129	0.027831159
21037	Nonpoint	2501060051	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Submerged Filling	NOx		0.000529868	0.000557471	0.000584485	0.000629015	0.000673546
21037	Nonpoint	2501060052	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Splash Filling	NOx		0.014820109	0.014525104	0.014920706	0.016155545	0.017390385
21037	Nonpoint	2501060053	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Balanced Submerged Filling	NOx		0.000421921	0.000443202	0.00046445	0.000499836	0.000535221

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonpoint	2501060201	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Underground Tank: Breathing and Emptying	NOx		0.011223998	0.01175884	0.01231605	0.013263374	0.014210699
21037	Nonpoint	2501080050	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 1: Total	NOx		0.00033874	0.000356365	0.000373627	0.000402093	0.000430559
21037	Nonpoint	2501080100	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 2: Total	NOx		0.009475511	0.009060613	0.009274772	0.010155917	0.011037063
21037	Nonpoint	2505030120	Storage and Transport	Petroleum and Petroleum Product Transport	Truck	Gasoline	NOx		0.000391152	0.000410882	0.00043058	0.000463385	0.00049619
21037	Nonpoint	2505040120	Storage and Transport	Petroleum and Petroleum Product Transport	Pipeline	Gasoline	NOx		0.011116603	0.011659957	0.012217367	0.013158097	0.014098827
21037	Nonpoint	2630020000	Waste Disposal, Treatment, and Recovery	Wastewater Treatment	Public Owned	Total Processed	NOx		0.000121884	0.000128032	0.00013417	0.000144392	0.000154615
21037	Nonpoint	2801500000	Miscellaneous Area Sources	Agriculture Production - Crops - as nonpoint	Agricultural Field Burning - whole field set on fire	Unspecified crop type and Burn Method	NOx	5.42754E-05	0.015163554	0.01543276	0.016026561	0.017286726	0.018546891
21037	Nonpoint	2810060100	Miscellaneous Area Sources	Other Combustion	Cremation	Humans	NOx	0.000902549	9.26003E-05	9.72708E-05	0.000101934	0.000109701	0.000117467
21037	**Nonpoint**					**TOTAL**	**NOx**	**0.745678**	**0.559818**	**0.562126**	**0.566348**	**0.574981**	**0.583622**
21037	Nonroad	2260002006	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Tampers/Rammers	NOx	5.88908E-05	0.010682703	0.011199525	0.011730433	0.012627017	0.013523601
21037	Nonroad	2260002009	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Plate Compactors	NOx	3.93365E-06	1.72556E-07	1.81259E-07	1.89949E-07	2.04421E-07	2.18893E-07
21037	Nonroad	2260002021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Paving Equipment	NOx	4.70991E-06	3.45391E-06	3.62409E-06	3.79852E-06	4.09277E-06	4.38702E-06
21037	Nonroad	2260002027	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	3.31343E-08	2.12531E-06	2.21251E-06	2.2997E-06	2.44503E-06	2.59036E-06
21037	Nonroad	2260002039	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.000154799	4.3864E-05	4.50299E-05	4.67377E-05	5.00355E-05	5.33333E-05

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2260002054	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	9.26546E-07	3.13456E-05	3.35569E-05	3.57703E-05	3.94611E-05	4.31519E-05
21037	Nonroad	2260003030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Sweepers/Scrubbers	NOx	1.03987E-06	0.000852266	0.000908589	0.000968237	0.001070421	0.001172606
21037	Nonroad	2260003040	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Other General Industrial Equipment	NOx	8.23813E-08	0.000213705	0.000228672	0.000243693	0.000268774	0.000293856
21037	Nonroad	2260004015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	NOx	2.56159E-05	0.006013752	0.006393467	0.00679696	0.007489261	0.008181563
21037	Nonroad	2260004016	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	NOx	4.10493E-05	7.82113E-08	8.37287E-08	8.92515E-08	9.84604E-08	1.07669E-07
21037	Nonroad	2260004020	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Residential)	NOx	0.000358195	2.16E-06	2.31079E-06	2.46345E-06	2.71946E-06	2.97548E-06
21037	Nonroad	2260004021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Commercial)	NOx	0.000456392	1.04542E-06	1.11917E-06	1.19299E-06	1.31608E-06	1.43918E-06
21037	Nonroad	2260004025	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	NOx	0.000502264	3.03903E-05	3.25062E-05	3.46452E-05	3.82295E-05	4.18139E-05
21037	Nonroad	2260004026	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	NOx	0.000400639	2.12988E-06	2.29458E-06	2.45928E-06	2.73379E-06	3.00829E-06
21037	Nonroad	2260004030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	NOx	0.000321114	9.6824E-05	0.000104309	0.000111806	0.000124311	0.000136816
21037	Nonroad	2260004031	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	0.000371423	0.002104574	0.001913173	0.001868012	0.001914611	0.001961211
21037	Nonroad	2260004035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	NOx	0.000115737	0.005896244	0.00555593	0.005522597	0.005722859	0.005923121
21037	Nonroad	2260004036	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	8.79297E-05	8.1469E-05	6.00245E-05	5.1893E-05	4.94345E-05	4.69761E-05

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2260004071	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	1.63852E-07	0.00015342	0.000128522	0.000120377	0.000120766	0.000121154
21037	Nonroad	2260005035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Agricultural Equipment	Sprayers	NOx	2.03811E-06	5.60589E-07	4.18599E-07	3.68366E-07	3.61108E-07	3.53851E-07
21037	Nonroad	2260006005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Generator Sets	NOx	2.91342E-05	1.41174E-06	1.19468E-06	1.12409E-06	1.12851E-06	1.13292E-06
21037	Nonroad	2260006010	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Pumps	NOx	0.000198738	0.000132709	0.000104042	9.4369E-05	9.40764E-05	9.37839E-05
21037	Nonroad	2260006015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Air Compressors	NOx	7.26939E-08	0.000484101	0.000348371	0.000304776	0.000308899	0.000313022
21037	Nonroad	2260006035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Hydro-power Units	NOx	9.7167E-07	0.000123539	9.76067E-05	8.89603E-05	8.89548E-05	8.89494E-05
21037	Nonroad	2260007005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Logging Equipment	Chain Saws : 6 HP	NOx	1.96518E-06	0.000253236	0.000222416	0.000213506	0.000216915	0.000220325
21037	Nonroad	2265001050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Golf Carts	NOx	0.002295976	0.000269978	0.000205816	0.000181661	0.000174745	0.000167828
21037	Nonroad	2265002003	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Pavers	NOx	0.000102913	0.000759348	0.00059196	0.000536814	0.000538437	0.000540061
21037	Nonroad	2265002006	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tampers/Rammers	NOx	7.02578E-07	0.000105	8.31831E-05	7.58855E-05	7.58224E-05	7.57592E-05
21037	Nonroad	2265002009	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Plate Compactors	NOx	0.000161376	0.000295691	0.00023818	0.000220504	0.000224238	0.000227972
21037	Nonroad	2265002015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rollers	NOx	0.000149472	5.36543E-06	4.3063E-06	3.96107E-06	3.98059E-06	4.00012E-06
21037	Nonroad	2265002021	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Paving Equipment	NOx	0.000334141	1.66971E-05	1.25013E-05	1.11817E-05	1.13791E-05	1.15765E-05

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21037	Nonroad	2265002024	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Surfacing Equipment	NOx	0.000126817	0.000255026	0.000188493	0.000163139	0.0001552	0.00014726
21037	Nonroad	2265002027	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	6.42456E-06	0.000546019	0.000427042	0.000388146	0.000390052	0.000391958
21037	Nonroad	2265002030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Trenchers	NOx	0.000321559	0.000116298	9.53658E-05	8.29982E-05	6.95228E-05	5.60474E-05
21037	Nonroad	2265002033	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Bore/Drill Rigs	NOx	0.00013723	0.000291263	0.00020074	0.000168659	0.000163891	0.000159123
21037	Nonroad	2265002039	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.000453358	0.000402272	0.000351187	0.000334832	0.000336517	0.000338201
21037	Nonroad	2265002042	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cement and Mortar Mixers	NOx	0.000308038	0.000953934	0.000886544	0.000869663	0.000883621	0.00089758
21037	Nonroad	2265002045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cranes	NOx	5.8868E-05	0.000252809	0.000197579	0.000171741	0.000153172	0.000134602
21037	Nonroad	2265002054	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	4.1548E-05	0.000903809	0.000683922	0.000598585	0.000568483	0.000538381
21037	Nonroad	2265002057	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	7.95936E-05	4.50502E-05	3.12324E-05	2.29853E-05	1.38824E-05	4.7795E-06
21037	Nonroad	2265002060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.000130757	2.97117E-05	2.14967E-05	1.6748E-05	1.1722E-05	6.696E-06
21037	Nonroad	2265002066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	0.000178388	3.36763E-05	2.58046E-05	2.27045E-05	2.15141E-05	2.03237E-05
21037	Nonroad	2265002072	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.000250681	7.74635E-05	6.22885E-05	5.73951E-05	5.78075E-05	5.82198E-05
21037	Nonroad	2265002078	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Dumpers/Tenders	NOx	5.18535E-05	5.68362E-05	3.40787E-05	2.36731E-05	1.66237E-05	9.5742E-06

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2265002081	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Other Construction Equipment	NOx	9.32264E-05	3.13879E-05	1.87217E-05	1.29884E-05	9.21045E-06	5.4325E-06
21037	Nonroad	2265003010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Aerial Lifts	NOx	0.000618126	9.32318E-05	5.57066E-05	4.19533E-05	3.8841E-05	3.57288E-05
21037	Nonroad	2265003020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Forklifts	NOx	0.001350602	4.84828E-05	2.8219E-05	2.0948E-05	1.96569E-05	1.83658E-05
21037	Nonroad	2265003030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Sweepers/Scrubbers	NOx	0.000183749	0.000147467	0.000116546	0.000106428	0.0001069	0.000107372
21037	Nonroad	2265003040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other General Industrial Equipment	NOx	0.000295609	0.000326059	0.000286761	0.000275508	0.000280124	0.00028474
21037	Nonroad	2265003050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other Material Handling Equipment	NOx	3.92541E-05	0.000195338	0.000139995	0.00010937	7.89279E-05	4.84857E-05
21037	Nonroad	2265003060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	AC\Refrigeration	NOx	8.90282E-06	0.000196539	0.000154554	0.000134247	0.000118468	0.000102688
21037	Nonroad	2265003070	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Terminal Tractors	NOx	3.81744E-05	4.29664E-05	3.40793E-05	2.9348E-05	2.49257E-05	2.05033E-05
21037	Nonroad	2265004010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Residential)	NOx	0.007264245	0.000135	0.000107976	9.56861E-05	8.74803E-05	7.92745E-05
21037	Nonroad	2265004011	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Commercial)	NOx	0.001679217	7.34111E-05	5.35958E-05	3.98643E-05	2.20485E-05	4.23264E-06
21037	Nonroad	2265004015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	NOx	0.00061066	4.10147E-05	3.00715E-05	2.24131E-05	1.23866E-05	2.36004E-06
21037	Nonroad	2265004016	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	NOx	0.000907705	0.000447862	0.000277597	0.000173628	5.5592E-05	8.37751E-06
21037	Nonroad	2265004025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	NOx	3.81428E-05	0.000325733	0.000199575	0.000122928	3.64398E-05	1.84458E-06

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21037	Nonroad	2265004026	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	NOx	4.03247E-05	0.000846014	0.000341426	0.000132085	2.92205E-05	8.64761E-06
21037	Nonroad	2265004030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	NOx	7.27973E-05	0.000433061	0.000172348	6.53069E-05	1.49651E-05	4.89672E-06
21037	Nonroad	2265004031	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	0.002171913	0.000121066	5.83823E-05	2.78392E-05	3.71772E-06	3.71772E-06
21037	Nonroad	2265004035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	NOx	0.000823092	0.000156011	8.16036E-05	4.15473E-05	3.41248E-06	3.41248E-06
21037	Nonroad	2265004036	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	0.000625324	0.000200362	0.000105115	5.31004E-05	2.43765E-06	2.43765E-06
21037	Nonroad	2265004040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Residential)	NOx	0.001566658	0.000697635	0.000338714	0.000157775	4.52811E-06	4.52811E-06
21037	Nonroad	2265004041	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Commercial)	NOx	0.000205889	2.7E-05	1.47458E-05	8.20475E-06	2.06398E-06	8.35824E-07
21037	Nonroad	2265004046	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Front Mowers (Commercial)	NOx	0.000277477	2.12896E-05	1.18741E-05	6.65503E-06	1.45348E-06	4.13165E-07
21037	Nonroad	2265004051	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Shredders < 6 HP (Commercial)	NOx	0.00010712	5.96263E-06	3.02243E-06	1.49996E-06	1.4395E-07	1.4395E-07
21037	Nonroad	2265004055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Residential)	NOx	0.02102618	1.41905E-05	7.8303E-06	4.19904E-06	4.21026E-07	4.21026E-07
21037	Nonroad	2265004056	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	NOx	0.002798011	2.63441E-05	1.45139E-05	7.92376E-06	1.30699E-06	1.30699E-06
21037	Nonroad	2265004066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.000507944	1.26769E-05	6.98762E-06	3.82441E-06	6.57474E-07	2.40867E-08
21037	Nonroad	2265004071	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	0.008416846	0.006134132	0.005004019	0.004671864	0.004783239	0.004894614

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerda	030 Summerday
21037	Nonroad	2265004075	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Residential)	NOx	0.000756059	0.053628365	0.038078026	0.033196927	0.033952795	0.034708663
21037	Nonroad	2265004076	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	NOx	0.000308704	0.001458796	0.001238375	0.001195213	0.001270994	0.001346775
21037	Nonroad	2265005010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	2-Wheel Tractors	NOx	7.60502E-06	0.008917488	0.006924126	0.006459449	0.006958893	0.007458338
21037	Nonroad	2265005015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Tractors	NOx	4.67571E-05	0.000515085	0.000419509	0.000391445	0.000400929	0.000410412
21037	Nonroad	2265005020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Combines	NOx	6.08818E-07	0.004578129	0.003300154	0.002904899	0.002981742	0.003058585
21037	Nonroad	2265005025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Balers	NOx	7.02276E-05	0.000772298	0.000636891	0.000604122	0.00063504	0.000665957
21037	Nonroad	2265005030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Mowers	NOx	7.11395E-06	0.00530487	0.004064629	0.003737123	0.003951894	0.004166664
21037	Nonroad	2265005035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Sprayers	NOx	0.000121898	3.24563E-05	2.67699E-05	2.54076E-05	2.67409E-05	2.80741E-05
21037	Nonroad	2265005040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Tillers : 6 HP	NOx	0.000162375	0.000300336	0.000238675	0.000224674	0.000241055	0.000257436
21037	Nonroad	2265005045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Swathers	NOx	0.000111311	3.44801E-05	2.86355E-05	2.73777E-05	2.91035E-05	3.08293E-05
21037	Nonroad	2265005055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Other Agricultural Equipment	NOx	0.000133647	0.000198875	0.000174837	0.000172121	0.000185364	0.000198607
21037	Nonroad	2265005060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Irrigation Sets	NOx	4.95848E-05	6.19262E-05	5.10551E-05	4.84567E-05	5.10199E-05	5.35832E-05
21037	Nonroad	2265006005	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Generator Sets	NOx	0.011015459	0.000491477	0.000336159	0.000294506	0.000319805	0.000345103

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2265006010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pumps	NOx	0.002859602	0.001738141	0.001304369	0.001160456	0.001162152	0.001163847
21037	Nonroad	2265006015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Air Compressors	NOx	0.00162873	0.004408596	0.00405815	0.004049885	0.004321261	0.004592636
21037	Nonroad	2265006025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Welders	NOx	0.003144295	0.000866815	0.000910537	0.000958654	0.00104251	0.001126366
21037	Nonroad	2265006030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pressure Washers	NOx	0.004522326	0.005978931	0.005397505	0.005400108	0.005891138	0.006382168
21037	Nonroad	2265006035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Hydro-power Units	NOx	0.000166952	0.000658541	0.000691758	0.000728314	0.000792021	0.000855728
21037	Nonroad	2265007010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Shredders : 6 HP	NOx	9.02678E-06	0.002901652	0.003004362	0.003137883	0.003386092	0.003634301
21037	Nonroad	2265007015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	NOx	8.14751E-08	0.001293129	0.0010196	0.000929753	0.000933077	0.0009364
21037	Nonroad	2267002003	Mobile Sources	LPG	Construction and Mining Equipment	Pavers	NOx	2.80808E-05	0.005638406	0.004681491	0.004480889	0.004776816	0.005072742
21037	Nonroad	2267002015	Mobile Sources	LPG	Construction and Mining Equipment	Rollers	NOx	2.67488E-05	0.000171244	0.0001366	0.000128144	0.000135875	0.000143607
21037	Nonroad	2267002021	Mobile Sources	LPG	Construction and Mining Equipment	Paving Equipment	NOx	1.15801E-05	0.000436405	0.000397166	0.000396487	0.00042749	0.000458494
21037	Nonroad	2267002024	Mobile Sources	LPG	Construction and Mining Equipment	Surfacing Equipment	NOx	4.5559E-06	0.000235836	0.000194195	0.000173564	0.000156687	0.00013981
21037	Nonroad	2267002030	Mobile Sources	LPG	Construction and Mining Equipment	Trenchers	NOx	9.03567E-05	0.00063886	0.00055354	0.00051934	0.000504941	0.000490541
21037	Nonroad	2267002033	Mobile Sources	LPG	Construction and Mining Equipment	Bore/Drill Rigs	NOx	5.43292E-05	9.07424E-05	7.43644E-05	7.00455E-05	7.28966E-05	7.57476E-05
21037	Nonroad	2267002039	Mobile Sources	LPG	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	3.08533E-05	0.00063424	0.000477338	0.000432754	0.000452045	0.000471336
21037	Nonroad	2267002045	Mobile Sources	LPG	Construction and Mining Equipment	Cranes	NOx	4.67016E-05	0.017335547	0.013644914	0.012435569	0.012487735	0.012539901

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21037	Nonroad	2267002054	Mobile Sources	LPG	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	7.69442E-06	0.059886673	0.050433516	0.048463362	0.051415611	0.054367859
21037	Nonroad	2267002057	Mobile Sources	LPG	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	6.60715E-05	0.00232712	0.00185623	0.001741294	0.001846365	0.001951436
21037	Nonroad	2267002060	Mobile Sources	LPG	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.000109354	0.00560658	0.005140721	0.00514323	0.005537718	0.005932206
21037	Nonroad	2267002066	Mobile Sources	LPG	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	8.44949E-06	0.000410679	0.000313414	0.000286232	0.000299333	0.000312434
21037	Nonroad	2267002072	Mobile Sources	LPG	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.000156212	0.000621198	0.000549458	0.000542155	0.000583681	0.000625206
21037	Nonroad	2267002081	Mobile Sources	LPG	Construction and Mining Equipment	Other Construction Equipment	NOx	7.419E-05	0.007159202	0.005901559	0.00562287	0.005974181	0.006325492
21037	Nonroad	2267003010	Mobile Sources	LPG	Industrial Equipment	Aerial Lifts	NOx	0.000852559	0.018361909	0.015579406	0.015132194	0.016332918	0.017533642
21037	Nonroad	2267003020	Mobile Sources	LPG	Industrial Equipment	Forklifts	NOx	0.042065359	0.000649647	0.000543234	0.000493583	0.000458132	0.00042268
21037	Nonroad	2267003030	Mobile Sources	LPG	Industrial Equipment	Sweepers/Scrubbers	NOx	0.000204303	0.003309296	0.002486668	0.002199103	0.002165715	0.002132327
21037	Nonroad	2267003040	Mobile Sources	LPG	Industrial Equipment	Other General Industrial Equipment	NOx	7.62964E-05	0.000265374	0.000222043	0.00020157	0.000186497	0.000171423
21037	Nonroad	2267003050	Mobile Sources	LPG	Industrial Equipment	Other Material Handling Equipment	NOx	4.4398E-05	0.001314648	0.000977682	0.000858256	0.000840498	0.000822739
21037	Nonroad	2267003070	Mobile Sources	LPG	Industrial Equipment	Terminal Tractors	NOx	7.54807E-05	6.34918E-06	5.09335E-06	4.76953E-06	5.0065E-06	5.24346E-06
21037	Nonroad	2267004066	Mobile Sources	LPG	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.000232172	1.50908E-05	1.34446E-05	1.32527E-05	1.41448E-05	1.50369E-05
21037	Nonroad	2267005055	Mobile Sources	LPG	Agricultural Equipment	Other Agricultural Equipment	NOx	1.11428E-06	3.46419E-05	2.25268E-05	1.81993E-05	1.74767E-05	1.67541E-05
21037	Nonroad	2267005060	Mobile Sources	LPG	Agricultural Equipment	Irrigation Sets	NOx	2.37493E-07	2.70876E-05	1.98563E-05	1.75866E-05	1.79383E-05	1.82901E-05
21037	Nonroad	2267006005	Mobile Sources	LPG	Commercial Equipment	Generator Sets	NOx	0.003353072	5.38627E-07	4.68437E-07	3.96728E-07	2.75948E-07	1.55169E-07
21037	Nonroad	2267006010	Mobile Sources	LPG	Commercial Equipment	Pumps	NOx	0.000586523	3.76457E-07	3.28982E-07	2.83025E-07	2.07694E-07	1.32364E-07
21037	Nonroad	2267006015	Mobile Sources	LPG	Commercial Equipment	Air Compressors	NOx	0.00056684	6.21474E-05	5.40673E-05	4.58117E-05	3.19062E-05	1.80008E-05
21037	Nonroad	2267006025	Mobile Sources	LPG	Commercial Equipment	Welders	NOx	0.000752134	4.97446E-05	4.34628E-05	3.75377E-05	2.79597E-05	1.83816E-05
21037	Nonroad	2267006030	Mobile Sources	LPG	Commercial Equipment	Pressure Washers	NOx	1.33767E-05	5.87874E-06	4.64354E-06	4.17381E-06	4.02883E-06	3.88385E-06
21037	Nonroad	2267006035	Mobile Sources	LPG	Commercial Equipment	Hydro-power Units	NOx	6.91324E-06	1.44344E-05	1.22994E-05	1.16672E-05	1.18659E-05	1.20645E-05

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21037	Nonroad	2268002081	Mobile Sources	CNG	Construction and Mining Equipment	Other Construction Equipment	NOx	3.0587E-06	0.000106187	9.04764E-05	7.88681E-05	6.29396E-05	4.70111E-05
21037	Nonroad	2268003020	Mobile Sources	CNG	Industrial Equipment	Forklifts	NOx	0.003004775	0.000213398	0.000168629	0.000148905	0.000136901	0.000124897
21037	Nonroad	2268003030	Mobile Sources	CNG	Industrial Equipment	Sweepers/Scrubbers	NOx	3.83781E-06	0.000158594	0.000154814	0.00014727	0.000131559	0.000115848
21037	Nonroad	2268003040	Mobile Sources	CNG	Industrial Equipment	Other General Industrial Equipment	NOx	1.83258E-06	0.000599733	0.000549775	0.000504862	0.000434211	0.000363561
21037	Nonroad	2268003060	Mobile Sources	CNG	Industrial Equipment	AC\Refrigeration	NOx	8.8948E-06	9.85038E-05	8.56967E-05	7.26116E-05	5.05714E-05	2.85313E-05
21037	Nonroad	2268003070	Mobile Sources	CNG	Industrial Equipment	Terminal Tractors	NOx	5.86696E-06	6.97135E-05	6.09474E-05	5.24771E-05	3.86064E-05	2.47357E-05
21037	Nonroad	2268005055	Mobile Sources	CNG	Agricultural Equipment	Other Agricultural Equipment	NOx	6.57403E-07	0.00011758	0.000101512	8.64005E-05	6.20108E-05	3.7621E-05
21037	Nonroad	2268005060	Mobile Sources	CNG	Agricultural Equipment	Irrigation Sets	NOx	3.12677E-06	9.50297E-05	8.19563E-05	7.22109E-05	5.87419E-05	4.5273E-05
21037	Nonroad	2268006005	Mobile Sources	CNG	Commercial Equipment	Generator Sets	NOx	0.001029284	3.8167E-05	2.67492E-05	2.32809E-05	2.4125E-05	2.4969E-05
21037	Nonroad	2268006010	Mobile Sources	CNG	Commercial Equipment	Pumps	NOx	4.40598E-05	2.59909E-05	1.77562E-05	1.53839E-05	1.63154E-05	1.7247E-05
21037	Nonroad	2268006015	Mobile Sources	CNG	Commercial Equipment	Air Compressors	NOx	4.40686E-05	0.009362375	0.00770929	0.007180378	0.007235669	0.007290959
21037	Nonroad	2268006020	Mobile Sources	CNG	Commercial Equipment	Gas Compressors	NOx	0.000348631	0.028266322	0.023754888	0.022806968	0.024196696	0.025586424
21037	Nonroad	2270002003	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Pavers	NOx	0.004887778	0.002432732	0.002005861	0.001876403	0.001908482	0.001940561
21037	Nonroad	2270002006	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tampers/Rammers	NOx	1.13255E-05	0.007430341	0.005807922	0.005477753	0.006004348	0.006530942
21037	Nonroad	2270002009	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Plate Compactors	NOx	0.000178439	0.001329706	0.001030682	0.000942827	0.000972376	0.001001924
21037	Nonroad	2270002015	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rollers	NOx	0.012959425	0.003077259	0.002440511	0.002316816	0.002538201	0.002759586
21037	Nonroad	2270002018	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Scrapers	NOx	0.01361759	0.002626722	0.002109148	0.001982461	0.002097053	0.002211645
21037	Nonroad	2270002021	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Paving Equipment	NOx	0.000816752	0.005771418	0.005268319	0.00530795	0.005826277	0.006344603
21037	Nonroad	2270002024	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Surfacing Equipment	NOx	0.000593263	0.003851317	0.003180308	0.003055109	0.003301287	0.003547465
21037	Nonroad	2270002027	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	0.001706608	0.013649698	0.010888866	0.010403754	0.01149167	0.012579585

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21037	Nonroad	2270002030	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Trenchers	NOx	0.006682828	0.000144004	0.000121057	0.000117661	0.000128293	0.000138926
21037	Nonroad	2270002033	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Bore/Drill Rigs	NOx	0.007833628	0.000397666	0.000333291	0.000325726	0.000360461	0.000395196
21037	Nonroad	2270002036	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Excavators	NOx	0.045034807	7.93835E-06	6.84992E-06	6.24278E-06	5.63194E-06	5.0211E-06
21037	Nonroad	2270002039	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.000472308	2.2306E-05	2.04135E-05	1.97618E-05	1.97097E-05	1.96576E-05
21037	Nonroad	2270002042	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cement and Mortar Mixers	NOx	0.0003063	7.24293E-08	6.33835E-08	6.29975E-08	6.95708E-08	7.61441E-08
21037	Nonroad	2270002045	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cranes	NOx	0.012940619	2.66596E-07	2.07225E-07	1.9625E-07	2.18289E-07	2.40328E-07
21037	Nonroad	2270002048	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Graders	NOx	0.011164682	2.04298E-05	1.27787E-05	9.51003E-06	7.71425E-06	5.91847E-06
21037	Nonroad	2270002051	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Trucks	NOx	0.044346514	5.33417E-06	2.92943E-06	1.86116E-06	1.19445E-06	5.27727E-07
21037	Nonroad	2270002054	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	0.002422254	2.0455E-05	1.41612E-05	1.22451E-05	1.26996E-05	1.31541E-05
21037	Nonroad	2270002057	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	0.017630428	4.83362E-06	2.66118E-06	1.92619E-06	1.8991E-06	1.87201E-06
21037	Nonroad	2270002060	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.060870472	8.96662E-06	6.35314E-06	4.81378E-06	3.14327E-06	1.47276E-06
21037	Nonroad	2270002066	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	0.043256984	2.4486E-06	1.68487E-06	1.21046E-06	6.6087E-07	1.11279E-07
21037	Nonroad	2270002069	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crawler Tractor/Dozers	NOx	0.051031096	3.37503E-06	2.19416E-06	1.69111E-06	1.41755E-06	1.14399E-06
21037	Nonroad	2270002072	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.02990874	8.72759E-07	4.96667E-07	3.29229E-07	2.24041E-07	1.18853E-07
21037	Nonroad	2270002075	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Tractors	NOx	0.00672437	6.52258E-05	4.0095E-05	2.93448E-05	2.34119E-05	1.74789E-05
21037	Nonroad	2270002078	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Dumpers/Tenders	NOx	9.70106E-05	1.71488E-05	9.27733E-06	5.78106E-06	3.59994E-06	1.41882E-06
21037	Nonroad	2270002081	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Other Construction Equipment	NOx	0.006567316	4.77122E-05	4.10951E-05	3.46417E-05	2.40224E-05	1.34031E-05
21037	Nonroad	2270003010	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Aerial Lifts	NOx	0.001478076	1.30711E-05	1.12504E-05	9.38271E-06	6.23062E-06	3.07853E-06

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21037	Nonroad	2270003020	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Forklifts	NOx	0.012702977	2.61306E-05	2.14079E-05	2.04307E-05	2.19234E-05	2.34161E-05
21037	Nonroad	2270003030	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Sweepers/Scrubbers	NOx	0.006697551	5.43752E-06	3.62938E-06	3.11279E-06	3.3281E-06	3.54341E-06
21037	Nonroad	2270003040	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other General Industrial Equipment	NOx	0.007715279	3.59815E-05	2.52613E-05	1.86946E-05	1.12113E-05	3.72809E-06
21037	Nonroad	2270003050	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other Material Handling Equipment	NOx	0.000397532	9.84702E-06	6.72222E-06	4.69004E-06	2.21359E-06	2.32432E-07
21037	Nonroad	2270003060	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	AC\Refrigeration	NOx	0.030810882	5.79623E-06	3.89803E-06	2.84665E-06	1.80001E-06	7.53364E-07
21037	Nonroad	2270003070	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Terminal Tractors	NOx	0.006370915	1.58201E-06	1.02458E-06	6.97068E-07	3.42816E-07	5.94133E-08
21037	Nonroad	2270004031	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	6.82177E-07	4.73919E-05	2.87123E-05	2.04079E-05	1.52132E-05	1.00186E-05
21037	Nonroad	2270004036	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	0.000166403	1.26555E-05	6.88576E-06	4.22527E-06	2.38221E-06	5.39142E-07
21037	Nonroad	2270004046	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Front Mowers (Commercial)	NOx	0.004003698	7.82763E-05	4.71987E-05	3.66399E-05	3.61411E-05	3.56423E-05
21037	Nonroad	2270004056	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	NOx	0.00079513	1.99945E-05	9.74684E-06	6.05584E-06	5.36808E-06	4.68033E-06
21037	Nonroad	2270004066	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.005976315	6.35033E-06	4.25116E-06	3.62778E-06	3.81864E-06	4.0095E-06
21037	Nonroad	2270004071	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	0.000559938	1.53359E-06	8.00539E-07	5.6027E-07	5.70476E-07	5.80683E-07
21037	Nonroad	2270004076	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	NOx	1.59872E-05	0.000121913	8.76147E-05	6.64035E-05	4.19576E-05	1.75117E-05
21037	Nonroad	2270005010	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	2-Wheel Tractors	NOx	1.18411E-06	3.3085E-05	2.28927E-05	1.62848E-05	8.25891E-06	2.32989E-07
21037	Nonroad	2270005015	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Tractors	NOx	0.060933518	5.90889E-05	4.39878E-05	3.33205E-05	1.92365E-05	5.15245E-06
21037	Nonroad	2270005020	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Combines	NOx	0.006411482	1.62055E-05	1.18631E-05	8.59944E-06	4.05896E-06	4.26582E-07
21037	Nonroad	2270005025	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Balers	NOx	3.17415E-05	0.000691027	0.000529494	0.000410834	0.000248794	8.67535E-05
21037	Nonroad	2270005030	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Mowers	NOx	6.19225E-06	0.000188231	0.000140986	0.000104364	5.21788E-05	1.04305E-05
21037	Nonroad	2270005035	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Sprayers	NOx	0.000501398	0.030354813	0.018644267	0.014745248	0.01475649	0.014767732
21037	Nonroad	2270005040	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Tillers : 6 HP	NOx	6.69477E-07	0.007721372	0.003829934	0.002434233	0.002187846	0.001941459
21037	Nonroad	2270005045	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Swathers	NOx	0.000473446	0.000161659	0.000119015	0.000107085	0.000112797	0.000118509

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21037	Nonroad	2270005055	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Other Agricultural Equipment	NOx	0.001292696	3.68254E-05	2.18363E-05	1.68744E-05	1.69606E-05	1.70467E-05
21037	Nonroad	2270005060	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Irrigation Sets	NOx	0.000664441	5.74776E-05	3.86589E-05	3.29987E-05	3.45305E-05	3.60623E-05
21037	Nonroad	2270006005	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Generator Sets	NOx	0.020182399	1.39255E-05	7.41203E-06	5.21213E-06	5.14026E-06	5.0684E-06
21037	Nonroad	2270006010	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pumps	NOx	0.004763235	3.36498E-05	2.29015E-05	1.69561E-05	1.10494E-05	5.14262E-06
21037	Nonroad	2270006015	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Air Compressors	NOx	0.010934271	9.15132E-06	5.98234E-06	4.11356E-06	2.08242E-06	5.12877E-08
21037	Nonroad	2270006025	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Welders	NOx	0.006071581	6.93807E-05	6.32807E-05	6.35901E-05	6.94469E-05	7.53036E-05
21037	Nonroad	2270006030	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pressure Washers	NOx	0.000670273	1.31605E-05	1.02163E-05	9.589E-06	1.04742E-05	1.13593E-05
21037	Nonroad	2270006035	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Hydro-power Units	NOx	0.000386886	0.000170942	0.000109711	9.0022E-05	9.18263E-05	9.36306E-05
21037	Nonroad	2270007015	Mobile Sources	Off-highway Vehicle Diesel	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	NOx	0.000172215	4.23434E-05	2.16144E-05	1.44047E-05	1.36545E-05	1.29044E-05
21037	Nonroad	2282005010	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Outboard	NOx	0.015901152	9.65569E-07	8.16856E-07	6.7661E-07	4.49922E-07	2.23234E-07
21037	Nonroad	2282005015	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Personal Water Craft	NOx	0.006378191	2.67272E-07	2.26544E-07	1.86701E-07	1.21034E-07	5.53675E-08
21037	Nonroad	2282010005	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Sterndrive	NOx	0.023958012	1.71623E-07	1.05754E-07	8.30869E-08	8.13106E-08	7.95343E-08
21037	Nonroad	2282020005	Mobile Sources	Pleasure Craft	Diesel	Inboard/Sterndrive	NOx	0.020599314	4.24882E-08	2.04586E-08	1.28414E-08	1.21563E-08	1.14712E-08
21037	Nonroad	2282020010	Mobile Sources	Pleasure Craft	Diesel	Outboard	NOx	5.79262E-05	0.003011146	0.00266922	0.002304665	0.001678215	0.001051766
21037	Nonroad	2285002015	Mobile Sources	Railroad Equipment	Diesel	Railway Maintenance	NOx	0.004700261	0.00062148	0.000550012	0.000468928	0.000325773	0.000182619
21037	Nonroad	2285004015	Mobile Sources	Railroad Equipment	Gasoline, 4-Stroke	Railway Maintenance	NOx	8.68986E-05	0.000481916	0.00037731	0.000306667	0.000217232	0.000127797
21037	Nonroad	2285006015	Mobile Sources	Railroad Equipment	LPG	Railway Maintenance	NOx	7.3866E-06	9.78547E-05	7.45911E-05	5.8234E-05	3.67274E-05	1.52209E-05
21037	**Nonroad**					**TOTAL**	**NOx**	**0.784201**	**0.387236**	**0.309363**	**0.288263**	**0.300406**	**0.313096**
21037	Point	10200503	External Combustion Boilers	Industrial	Distillate Oil	< 10 Million BTU/hr **	NOx	4.08497E-06	0.000417712	0.000268585	0.000209789	0.000187071	0.000164354
21037	Point	10200603	External Combustion Boilers	Industrial	Natural Gas	< 10 Million BTU/hr	NOx	0.004152041	8.28103E-05	4.85543E-05	3.44036E-05	2.75734E-05	2.07432E-05
21037	Point	10300501	External Combustion Boilers	Commercial/Institutional	Distillate Oil - Grades 1 and 2	Boiler	NOx	9.24621E-06	0.000550724	0.000349314	0.0002684	0.000233955	0.00019951
21037	Point	10300502	External Combustion Boilers	Commercial/Institutional	Distillate Oil	10-100 Million BTU/hr **	NOx	0	0.000143912	7.9423E-05	5.13997E-05	3.50821E-05	1.87644E-05
21037	Point	10300503	External Combustion Boilers	Commercial/Institutional	Distillate Oil	< 10 Million BTU/hr **	NOx	0	1.08151E-05	8.25361E-06	6.58209E-06	4.53788E-06	2.49367E-06

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21037	Point	10300602	External Combustion Boilers	Commercial/Institutional	Natural Gas	10-100 Million BTU/hr	NOx	0.038294718	2.91836E-06	2.1643E-06	1.63075E-06	9.2526E-07	2.1977E-07
21037	Point	10300603	External Combustion Boilers	Commercial/Institutional	Natural Gas	< 10 Million BTU/hr	NOx	0.002567888	5.31348E-06	3.71373E-06	3.11294E-06	2.94408E-06	2.77523E-06
21037	Point	10301002	External Combustion Boilers	Commercial/Institutional	Liquified Petroleum Gas (LPG)	Propane	NOx	0	1.01977E-06	6.52358E-07	5.03831E-07	4.38694E-07	3.73558E-07
21037	Point	20200102	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Reciprocating	NOx	0.004156974	2.44083E-06	1.82296E-06	1.38727E-06	8.12926E-07	2.38586E-07
21037	Point	20200401	Internal Combustion Engines	Industrial	Large Bore Engine	Diesel	NOx	0.000479477	3.95025E-08	2.89952E-08	2.11041E-08	1.01326E-08	1.3554E-09
21037	Point	20300101	Internal Combustion Engines	Commercial/Institutional	Distillate Oil (Diesel)	Reciprocating	NOx	0.001181389	0.002170126	0.001335478	0.001055503	0.001051107	0.00104671
21037	Point	20300201	Internal Combustion Engines	Commercial/Institutional	Natural Gas	Reciprocating	NOx	6.17945E-06	3.26936E-05	1.63339E-05	1.04562E-05	9.39523E-06	8.33424E-06
21037	Point	2275050011	Mobile Sources	Aircraft	General Aviation	Piston	NOx	3.26593E-06	2.77537E-06	1.71293E-06	1.36341E-06	1.37497E-06	1.38653E-06
21037	Point	2275050012	Mobile Sources	Aircraft	General Aviation	Turbine	NOx	2.91388E-05	4.16728E-08	2.07527E-08	1.33571E-08	1.23016E-08	1.1246E-08
21037	Point	30201304	Industrial Processes	Food and Agriculture	Meat Smokehouses	Continuous Smokehouse: Smoke Zone	NOx	1.41612E-07	1.3537E-06	8.74827E-07	7.24853E-07	7.4898E-07	7.73107E-07
21037	Point	30290003	Industrial Processes	Food and Agriculture	Fuel Fired Equipment	Natural Gas: Process Heaters	NOx	0.007707626	1.99165E-08	1.02403E-08	6.92438E-09	6.698E-09	6.47163E-09
21037	Point	30299998	Industrial Processes	Food and Agriculture	Other Not Specified	Other Not Classified	NOx	2.35076E-05	6.80361E-06	4.71242E-06	3.95815E-06	3.81514E-06	3.67213E-06
21037	Point	30500205	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Dryer: Drum Mix Plant (see 3-05-002-55 thru -63 for subtypes)	NOx	0.002836494	9.7937E-08	5.64639E-08	4.03425E-08	3.45998E-08	2.88571E-08
21037	Point	30501599	Industrial Processes	Mineral Products	Gypsum Manufacture	See Comment **	NOx		5.37975E-06	4.89254E-06	4.89609E-06	5.31098E-06	5.72588E-06
21037	Point	38500110	Industrial Processes	Cooling Tower	Process Cooling	Other Not Specified	NOx		6.0917E-08	4.74653E-08	4.44938E-08	4.8275E-08	5.20561E-08
21037	Point	39000699	Industrial Processes	In-process Fuel Use	Natural Gas	General	NOx	0.159805174	4.78858E-07	3.00313E-07	1.94913E-07	8.02004E-08	1.13727E-08
21037	Point	39999992	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		8.31088E-09	5.21749E-09	3.38863E-09	1.39431E-09	1.97717E-10
21037	Point	39999994	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		1.78673E-06	4.46682E-07	0		0
21037	Point	39999995	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		3.1057E-08	7.76424E-09	0		0

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21037	Point	39999999	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx	0.000421329	0.000921322	0.00081336	0.000699336	0.000504243	0.000309151
21037	Point	40100198	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Dry Cleaning	Other Not Classified	NOx		1.13254E-05	1.00056E-05	8.53279E-06	5.95062E-06	3.36846E-06
21037	Point	40100296	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Degreasing	Other Not Classified: General Degreasing Units	NOx		3.66921E-05	2.93244E-05	2.34009E-05	1.4732E-05	6.06302E-06
21037	Point	40201001	Petroleum and Solvent Evaporation	Surface Coating Operations	Coating Oven Heater	Natural Gas	NOx	6.53595E-05	4.48397E-07	3.53961E-07	2.75017E-07	1.56356E-07	3.76953E-08
21037	Point	40299998	Petroleum and Solvent Evaporation	Surface Coating Operations	Miscellaneous	Specify in Comments Field	NOx		3.18921E-05	1.97155E-05	1.46859E-05	1.22591E-05	9.83219E-06
21037	Point	40301018	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Working Loss (Tank Diameter Independent)	NOx		3.78738E-07	2.15329E-07	1.46047E-07	1.09019E-07	7.19902E-08
21037	Point	40399999	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Other Not Classified	See Comment **	NOx		0.000376124	0.000403617	0.000431134	0.000477018	0.000522902
21037	Point	40400412	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Jet Kerosene: Working Loss	NOx		3.78482E-06	4.06148E-06	4.33838E-06	4.8001E-06	5.26182E-06
21037	Point	40400414	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Distillate Fuel #2: Working Loss	NOx		0.003844713	0.002801647	0.002133813	0.001333449	0.000533085
21037	Point	40500597	Petroleum and Solvent Evaporation	Printing/Publishing	General	Other Not Classified	NOx		0.000336773	0.000276246	0.000251312	0.000239414	0.000227517
21037	Point	40600301	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Splash Filling	NOx		1.09188E-05	1.05121E-05	1.06085E-05	1.11884E-05	1.17683E-05
21037	Point	40600307	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Underground Tank Breathing and Emptying	NOx		1.60097E-06	1.48752E-06	1.47188E-06	1.52732E-06	1.58276E-06
21037	Point	40600401	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Vapor Loss w/o Controls	NOx		0.000174881	0.000171323	0.000174716	0.000186165	0.000197614
21037	Point	40600402	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Liquid Spill Loss w/o Controls	NOx		2.44405E-05	2.26552E-05	2.24576E-05	2.34512E-05	2.44448E-05

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21037	**Point**					**TOTAL**	**NOx**	**0.221744**	**0.009215**	**0.006692**	**0.005431**	**0.004380**	**0.003329**
21037	EGU	20100102	Internal Combustion Engines	Electric Generation	Distillate Oil (Diesel)	Reciprocating	VOC	0	0.010401579	0.007843734	0.006095012	0.003854746	0.001614479
21037	**EGU**					**TOTAL**	**VOC**	**0.000000**	**0.010402**	**0.007844**	**0.006095**	**0.003855**	**0.001614**
21037	Nonpoint	2104001000	Stationary Source Fuel Combustion	Residential	Anthracite Coal	Total: All Combustor Types	VOC	1.18801E-07	0.000913354	0.000747104	0.000674329	0.000630933	0.000587536
21037	Nonpoint	2104002000	Stationary Source Fuel Combustion	Residential	Bituminous/Subbituminous Coal	Total: All Combustor Types	VOC	5.9282E-05	0.010622423	0.007627257	0.005463104	0.002548694	0.000217166
21037	Nonpoint	2104004000	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	VOC	0.000201423	0.000753626	0.000690566	0.000669896	0.000670768	0.000671641
21037	Nonpoint	2104006000	Stationary Source Fuel Combustion	Residential	Natural Gas	Total: All Combustor Types	VOC	0.004456623	0.000678417	0.000540082	0.000435537	0.000289453	0.000143369
21037	Nonpoint	2104007000	Stationary Source Fuel Combustion	Residential	Liquified Petroleum Gas (LPG)	Total: All Combustor Types	VOC	0.001022775	6.24127E-05	5.25568E-05	4.72637E-05	4.22444E-05	3.7225E-05
21037	Nonpoint	2104008100	Stationary Source Fuel Combustion	Residential	Wood	Fireplace: general	VOC	0.067440904	0.000520685	0.000448107	0.000385063	0.000287937	0.000190811
21037	Nonpoint	2104008210	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; non-EPA certified	VOC	0.086759532	4.24015E-05	3.62276E-05	3.26481E-05	2.88443E-05	2.50405E-05
21037	Nonpoint	2104008220	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; non-catalytic	VOC	0.006272386	0.001678158	0.001649707	0.00165552	0.001693762	0.001732003
21037	Nonpoint	2104008230	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; catalytic	VOC	0.002623903	0.00018508	0.000165979	0.000159879	0.000160547	0.000161214
21037	Nonpoint	2104008310	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, non-EPA certified	VOC	0.069296024	0.005903307	0.005123787	0.004555774	0.003785341	0.003014908
21037	Nonpoint	2104008320	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, non-catalytic	VOC	0.005022903	0.000510243	0.000413095	0.000356134	0.000294688	0.000233241
21037	Nonpoint	2104008330	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, catalytic	VOC	0.002092876	0.006966947	0.006100266	0.005270897	0.003919709	0.002568521

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21037	Nonpoint	2104008400	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: pellet-fired, general (freestanding or FP insert)	VOC	5.02451E-06	0.000571212	0.00050016	0.000446697	0.000372248	0.0002978
21037	Nonpoint	2104008510	Stationary Source Fuel Combustion	Residential	Wood	Furnace: Indoor, cordwood-fired, non-EPA certified	VOC	0.005225654	0.033161697	0.021288586	0.014730303	0.008228854	0.001727404
21037	Nonpoint	2104008610	Stationary Source Fuel Combustion	Residential	Wood	Hydronic heater: outdoor	VOC	0	0.002982343	0.002534521	0.002408719	0.002467397	0.002526076
21037	Nonpoint	2104008700	Stationary Source Fuel Combustion	Residential	Wood	Outdoor wood burning device, NEC (fire-pits, chimeas, etc)	VOC	0.001167304	0.000421182	0.000370055	0.000332435	0.000280989	0.000229543
21037	Nonpoint	2104009000	Stationary Source Fuel Combustion	Residential	Firelog	Total: All Combustor Types	VOC	0.007645888	3.76703E-05	3.05756E-05	2.65123E-05	2.22663E-05	1.80203E-05
21037	Nonpoint	2104011000	Stationary Source Fuel Combustion	Residential	Kerosene	Total: All Heater Types	VOC	0.00017014	0.000280098	0.000253896	0.000229299	0.000189641	0.000149982
21037	Nonpoint	2285002006	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives: Class I Operations	VOC	0.029403555	3.08066E-05	2.76E-05	2.50021E-05	2.11795E-05	1.73569E-05
21037	Nonpoint	2302002100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Conveyorized Charbroiling	VOC	0.002087279	0.010237105	0.00753359	0.005528394	0.002768331	8.26874E-06
21037	Nonpoint	2302002200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	VOC	0.006297222	0.000774883	0.00066968	0.000621576	0.000588987	0.000556397
21037	Nonpoint	2302003000	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Deep Fat Fying	VOC	0.001061329	0.008229141	0.005293601	0.003522413	0.001540729	0.000351718
21037	Nonpoint	2302003100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Flat Griddle Frying	VOC	0.000849063	0.000754984	0.000642868	0.000607482	0.000612446	0.00061741
21037	Nonpoint	2302003200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Clamshell Griddle Frying	VOC	3.26149E-05	0.035914513	0.027482512	0.024327723	0.023467419	0.022607114
21037	Nonpoint	2310000220	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Drill Rigs	VOC	0	0.002553862	0.002463335	0.002347138	0.002132085	0.001917032
21037	Nonpoint	2310000330	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Artificial Lift	VOC	0	0.002013817	0.001605379	0.001300665	0.000879243	0.000457822

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21037	Nonpoint	2310000550	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Produced Water	VOC	0	0.000148976	0.000125458	0.00011381	0.000104285	9.47609E-05
21037	Nonpoint	2310000660	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Hydraulic Fracturing Engines	VOC	0	0.014224397	0.010818367	0.008175442	0.004406489	0.000637535
21037	Nonpoint	2310010100	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Heaters	VOC	0	0.001336251	0.001066591	0.000923648	0.000791007	0.000658366
21037	Nonpoint	2310010200	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Tanks - Flashing & Standing/Working/Breathing	VOC	0	0.049204325	0.037538179	0.028831288	0.016785847	0.004740407
21037	Nonpoint	2310010300	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Pneumatic Devices	VOC	0	0.003782659	0.003284013	0.003037642	0.002837254	0.002636867
21037	Nonpoint	2310011000	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Total: All Processes	VOC	0	0.037482943	0.031708902	0.026347871	0.017756995	0.009166118
21037	Nonpoint	2310011201	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Tank Truck/Railcar Loading: Crude Oil	VOC	0	0.007344443	0.005916182	0.004799359	0.003197518	0.001595678
21037	Nonpoint	2310011501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Connectors	VOC	0	0.039834372	0.028637647	0.0213114	0.012326385	0.003341371
21037	Nonpoint	2310011502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Flanges	VOC	0	0.003130996	0.002739358	0.002583104	0.002518836	0.002454567
21037	Nonpoint	2310011503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Open Ended Lines	VOC	0	0.027850736	0.025792732	0.023847108	0.020698052	0.017548996
21037	Nonpoint	2310011505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Valves	VOC	0	0.006600368	0.005420466	0.004469628	0.003075786	0.001681944
21037	Nonpoint	2310021010	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Storage Tanks: Condensate	VOC	0	0.005684689	0.004645008	0.003891989	0.002875843	0.001859697
21037	Nonpoint	2310021030	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Tank Truck/Railcar Loading: Condensate	VOC	0	0.000388912	0.000348239	0.000324287	0.000298301	0.000272314
21037	Nonpoint	2310021100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Heaters	VOC	0	9.03876E-05	8.37647E-05	7.75603E-05	6.75687E-05	5.7577E-05
21037	Nonpoint	2310021202	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Lean Burn Compressor Engines 50 To 499 HP	VOC	0	2.2887E-05	1.90932E-05	1.59125E-05	1.11225E-05	6.33247E-06

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21037	Nonpoint	2310021251	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Lean Burn	VOC	0	0.00552424	0.004481164	0.003579948	0.002196139	0.000812329
21037	Nonpoint	2310021300	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Pneumatic Devices	VOC	0	0.000409155	0.00035091	0.000319504	0.000289529	0.000259553
21037	Nonpoint	2310021302	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Rich Burn Compressor Engines 50 To 499 HP	VOC	0	0.0013937	0.001309323	0.001230712	0.001104498	0.000978284
21037	Nonpoint	2310021351	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Rich Burn	VOC	0	0.000343012	0.000294631	0.000247834	0.000171156	9.44787E-05
21037	Nonpoint	2310021400	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Dehydrators	VOC	0	0.009525038	0.006347098	0.00524736	0.005146296	0.005045233
21037	Nonpoint	2310021501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Connectors	VOC	0	0.000832326	0.000685695	0.000658056	0.00071115	0.000764244
21037	Nonpoint	2310021502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Flanges	VOC	0	0.005146836	0.00359612	0.002683149	0.001692985	0.000702821
21037	Nonpoint	2310021503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Open Ended Lines	VOC	0	0.000450095	0.000367452	0.000337851	0.000332719	0.000327587
21037	Nonpoint	2310021505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Valves	VOC	0	0.006183633	0.004651987	0.003484338	0.00184159	0.000198841
21037	Nonpoint	2310021506	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Other	VOC	0	0.000530658	0.000444326	0.000398343	0.00035533	0.000312318
21037	Nonpoint	2310021603	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Venting - Blowdowns	VOC	0	0.000354236	0.000310939	0.00027023	0.000204537	0.000138844
21037	Nonpoint	2310111100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Mud Degassing	VOC	0	6.22318E-05	5.33514E-05	4.55938E-05	3.36001E-05	2.16063E-05
21037	Nonpoint	2310111401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Oil Well Pneumatic Pumps	VOC	0	0.02903881	0.027266737	0.02750205	0.029567059	0.031632069
21037	Nonpoint	2310121100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Mud Degassing	VOC	0	0.002112749	0.001694873	0.001554028	0.001550142	0.001546257
21037	Nonpoint	2310121401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Pneumatic Pumps	VOC	0	0.004497937	0.00262496	0.001736025	0.001074501	0.000412978
21037	Nonpoint	2310121700	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Completion: All Processes	VOC	0	0.000446035	0.00037608	0.000361883	0.000384686	0.00040749
21037	Nonpoint	2401001000	Solvent Utilization	Surface Coating	Architectural Coatings	Total: All Solvent Types	VOC	0.288353589	6.88474E-07	6.94771E-07	6.96925E-07	6.97062E-07	6.97199E-07

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonpoint	2401005000	Solvent Utilization	Surface Coating	Auto Refinishing: SIC 7532	Total: All Solvent Types	VOC	0.042681645	1.05711E-07	9.91398E-08	9.20433E-08	7.97776E-08	6.7512E-08
21037	Nonpoint	2401008000	Solvent Utilization	Surface Coating	Traffic Markings	Total: All Solvent Types	VOC	0.000239382	0.000150652	0.000134901	0.0001174	8.67748E-05	5.61493E-05
21037	Nonpoint	2401015000	Solvent Utilization	Surface Coating	Factory Finished Wood: SIC 2426 thru 242	Total: All Solvent Types	VOC	0.000544393	1.19964E-05	1.09014E-05	1.01398E-05	9.14816E-06	8.15653E-06
21037	Nonpoint	2401070000	Solvent Utilization	Surface Coating	Motor Vehicles: SIC 371	Total: All Solvent Types	VOC	0.002492763	0.004023135	0.004042573	0.0041029	0.004237519	0.004372139
21037	Nonpoint	2401090000	Solvent Utilization	Surface Coating	Miscellaneous Manufacturing	Total: All Solvent Types	VOC	0.006575015	0.0004296	0.000383588	0.000362613	0.000348519	0.000334425
21037	Nonpoint	2401100000	Solvent Utilization	Surface Coating	Industrial Maintenance Coatings	Total: All Solvent Types	VOC	0.074232336	0.000829719	0.000864309	0.000914324	0.001010535	0.001106747
21037	Nonpoint	2401200000	Solvent Utilization	Surface Coating	Other Special Purpose Coatings	Total: All Solvent Types	VOC	0.007877113	9.72331E-05	9.41389E-05	9.66699E-05	0.000105576	0.000114482
21037	Nonpoint	2415000000	Solvent Utilization	Degreasing	All Processes/All Industries	Total: All Solvent Types	VOC	0.103533316	0.005448226	0.004920136	0.00433411	0.003309118	0.002284126
21037	Nonpoint	2420000000	Solvent Utilization	Dry Cleaning	All Processes	Total: All Solvent Types	VOC	0.004951089	0.000505721	0.000456625	0.000417062	0.000359069	0.000301075
21037	Nonpoint	2460100000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Personal Care Products	Total: All Solvent Types	VOC	0.233711874	0.000483364	0.00040679	0.000366485	0.000329534	0.000292583
21037	Nonpoint	2460200000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Household Products	Total: All Solvent Types	VOC	0.221412037	3.90738E-05	3.36924E-05	3.22907E-05	3.32711E-05	3.42514E-05
21037	Nonpoint	2460400000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Automotive Aftermarket Products	Total: All Solvent Types	VOC	0.167288943	1.57799E-05	1.55725E-05	1.54066E-05	1.51647E-05	1.49227E-05
21037	Nonpoint	2460500000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Coatings and Related Products	Total: All Solvent Types	VOC	0.116856209	1.83892E-06	1.68432E-06	1.57102E-06	1.4166E-06	1.26218E-06
21037	Nonpoint	2460600000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Adhesives and Sealants	Total: All Solvent Types	VOC	0.070113698	1.21403E-06	1.24396E-06	1.2974E-06	1.40606E-06	1.51472E-06
21037	Nonpoint	2460800000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All FIFRA Related Products	Total: All Solvent Types	VOC	0.218951525	1.77062E-07	1.73194E-07	1.77505E-07	1.91505E-07	2.05504E-07
21037	Nonpoint	2460900000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	Miscellaneous Products (Not Otherwise Covered)	Total: All Solvent Types	VOC	0.008610458	0.052509774	0.044086031	0.036730303	0.025360768	0.013991233
21037	Nonpoint	2461021000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Cutback Asphalt	Total: All Solvent Types	VOC	0.007269159	0.004820614	0.004014157	0.003486574	0.002839664	0.002192754

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21037	Nonpoint	2461022000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Emulsified Asphalt	Total: All Solvent Types	VOC	0.02689347	0.005642789	0.004874096	0.004142812	0.002955181	0.00176755
21037	Nonpoint	2461850000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Pesticide Application: Agricultural	All Processes	VOC	0.007569493	0.000496613	0.000439736	0.000394416	0.000328513	0.000262611
21037	Nonpoint	2501011011	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Permeation	VOC	0.04329439	2.95384E-05	2.73354E-05	2.51001E-05	2.13479E-05	1.75958E-05
21037	Nonpoint	2501011012	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Evaporation (includes Diurnal losses)	VOC	0.084530773	4.09153E-06	3.46536E-06	2.96405E-06	2.23257E-06	1.50109E-06
21037	Nonpoint	2501011014	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Refilling at the Pump - Vapor Displacement	VOC	0.002516661	5.44731E-06	4.70237E-06	3.96038E-06	2.72619E-06	1.49201E-06
21037	Nonpoint	2501012011	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Permeation	VOC	0.001382832	7.00245E-07	5.87587E-07	4.9897E-07	3.7131E-07	2.4365E-07
21037	Nonpoint	2501012012	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Evaporation (includes Diurnal losses)	VOC	0.002699932	0.000447508	0.000393618	0.00033907	0.000247608	0.000156146
21037	Nonpoint	2501012014	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Refilling at the Pump - Vapor Displacement	VOC	0.004850163	5.40219E-05	4.51593E-05	3.88015E-05	3.02922E-05	2.17829E-05
21037	Nonpoint	2501050120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Terminals: All Evaporative Losses	Gasoline	VOC	0	5.97004E-07	5.2453E-07	4.51579E-07	3.29597E-07	2.07615E-07
21037	Nonpoint	2501055120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Plants: All Evaporative Losses	Gasoline	VOC	0	5.32237E-08	4.60555E-08	4.10728E-08	3.45895E-08	2.81061E-08
21037	Nonpoint	2501060051	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Submerged Filling	VOC	0	0.000425212	0.000376978	0.000329768	0.000251936	0.000174105
21037	Nonpoint	2501060052	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Splash Filling	VOC	0.156045207	4.7988E-05	4.25318E-05	3.74791E-05	2.93942E-05	2.13093E-05
21037	Nonpoint	2501060053	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Balanced Submerged Filling	VOC	0.029848584	0.001122094	0.000951492	0.000794962	0.000545803	0.000296645

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21037	Nonpoint	2501060201	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Underground Tank: Breathing and Emptying	VOC	0.060153595	0.000110999	9.26644E-05	8.00968E-05	6.39568E-05	4.78167E-05
21037	Nonpoint	2501080050	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 1: Total	VOC	0.000304338	0.000550209	0.000435977	0.000340652	0.000197533	5.44145E-05
21037	Nonpoint	2501080100	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 2: Total	VOC	1.57919E-05	5.1297E-05	4.17848E-05	3.58821E-05	2.90522E-05	2.22223E-05
21037	Nonpoint	2505030120	Storage and Transport	Petroleum and Petroleum Product Transport	Truck	Gasoline	VOC	0.003934041	0.018866688	0.017550977	0.016243075	0.014069746	0.011896417
21037	Nonpoint	2505040120	Storage and Transport	Petroleum and Petroleum Product Transport	Pipeline	Gasoline	VOC	0	0.002112678	0.001834034	0.001634707	0.001368591	0.001102475
21037	Nonpoint	2630020000	Waste Disposal, Treatment, and Recovery	Wastewater Treatment	Public Owned	Total Processed	VOC	0.004496759	0.004431638	0.004100041	0.003760267	0.003187162	0.002614056
21037	Nonpoint	2801500000	Miscellaneous Area Sources	Agriculture Production - Crops - as nonpoint	Agricultural Field Burning - whole field set on fire	Unspecified crop type and Burn Method	VOC	0.000134744	0.000483698	0.000429149	0.000386295	0.000324618	0.00026294
21037	Nonpoint	2810060100	Miscellaneous Area Sources	Other Combustion	Cremation	Humans	VOC	3.15892E-06	0.009374788	0.007815306	0.006566872	0.004745355	0.002923839
21037	**Nonpoint**					**TOTAL**	**VOC**	**2.303562**	**0.504406**	**0.406218**	**0.340716**	**0.258782**	**0.178224**
21037	Nonroad	2260002006	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Tampers/Rammers	VOC	0.002419532	0.000831915	0.000685571	0.000598406	0.000502447	0.000406487
21037	Nonroad	2260002009	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Plate Compactors	VOC	8.73957E-05	0.005815774	0.005559967	0.005330863	0.004971275	0.004611687
21037	Nonroad	2260002021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Paving Equipment	VOC	0.000104058	0.001425864	0.00114105	0.000928909	0.000635905	0.0003429
21037	Nonroad	2260002027	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	8.5644E-07	0.000628413	0.000586553	0.000541839	0.000464937	0.000388034
21037	Nonroad	2260002039	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	0.006152181	7.25738E-05	6.53951E-05	5.90224E-05	4.90729E-05	3.91235E-05

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21037	Nonroad	2260002054	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	2.11561E-05	0.000338685	0.000290484	0.000252818	0.000198821	0.000144824
21037	Nonroad	2260003030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Sweepers/Scrubbers	VOC	2.55251E-05	3.04053E-05	2.54538E-05	2.25283E-05	1.9341E-05	1.61537E-05
21037	Nonroad	2260003040	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Other General Industrial Equipment	VOC	1.95072E-06	0.000117173	6.21298E-05	3.55065E-05	1.48173E-05	2.40376E-06
21037	Nonroad	2260004015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	VOC	0.000806469	1.08505E-05	8.43474E-06	7.37993E-06	6.75599E-06	6.13205E-06
21037	Nonroad	2260004016	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	VOC	0.000934735	3.29373E-06	3.32153E-06	3.3603E-06	3.43406E-06	3.50782E-06
21037	Nonroad	2260004020	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Residential)	VOC	0.011951373	7.62492E-06	7.68928E-06	7.77903E-06	7.94978E-06	8.12053E-06
21037	Nonroad	2260004021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Commercial)	VOC	0.020823237	2.93869E-05	2.96349E-05	2.99808E-05	3.06389E-05	3.1297E-05
21037	Nonroad	2260004025	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	VOC	0.015115113	6.2586E-05	6.31142E-05	6.38509E-05	6.52524E-05	6.6654E-05
21037	Nonroad	2260004026	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	VOC	0.010689157	0.016979083	0.018057013	0.018601837	0.019065622	0.019529406
21037	Nonroad	2260004030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	VOC	0.009890408	0.163527105	0.123058258	0.095734923	0.061150623	0.026566322
21037	Nonroad	2260004031	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	0.010573248	0.007193848	0.008009506	0.008498753	0.009042158	0.009585563
21037	Nonroad	2260004035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	VOC	0.014894349	0.03833517	0.024106732	0.017418421	0.012554675	0.00769093
21037	Nonroad	2260004036	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	0.01016588	0.021685232	0.019412452	0.01683419	0.012282519	0.007730848

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21037	Nonroad	2260004071	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	3.28372E-06	0.020387966	0.018211751	0.01650939	0.014067001	0.011624612
21037	Nonroad	2260005035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Agricultural Equipment	Sprayers	VOC	4.26982E-05	0.020425049	0.020250784	0.020022066	0.019595492	0.019168917
21037	Nonroad	2260006005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Generator Sets	VOC	0.000795943	0.000998981	0.001068892	0.001136011	0.001245549	0.001355087
21037	Nonroad	2260006010	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Pumps	VOC	0.005634036	5.49316E-05	5.1937E-05	4.92655E-05	4.50823E-05	4.08991E-05
21037	Nonroad	2260006015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Air Compressors	VOC	2.00922E-06	1.02453E-05	8.91844E-06	8.23025E-06	7.61549E-06	7.00073E-06
21037	Nonroad	2260006035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Hydro-power Units	VOC	2.82744E-05	0.607826129	0.607826129	0.607826129	0.607826129	0.607826129
21037	Nonroad	2260007005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Logging Equipment	Chain Saws : 6 HP	VOC	8.93387E-05	0.029403555	0.029403555	0.029403555	0.029403555	0.029403555
21037	Nonroad	2265001050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Golf Carts	VOC	0.006236559	0.004191788	0.003683315	0.003183106	0.002356314	0.001529521
21037	Nonroad	2265002003	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Pavers	VOC	0.000178318	0.000706107	0.000601757	0.000514985	0.000385012	0.000255039
21037	Nonroad	2265002006	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tampers/Rammers	VOC	1.6288E-06	7.03812E-05	5.38638E-05	4.84749E-05	4.87674E-05	4.90598E-05
21037	Nonroad	2265002009	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Plate Compactors	VOC	0.000619832	0.000175448	0.000143065	0.000134808	0.000141153	0.000147498
21037	Nonroad	2265002015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rollers	VOC	0.000284057	5.42054E-06	3.45447E-06	2.46793E-06	1.63996E-06	8.11993E-07
21037	Nonroad	2265002021	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Paving Equipment	VOC	0.000926737	1.47157E-06	8.82453E-07	5.71333E-07	2.8446E-07	5.49617E-08

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21037	Nonroad	2265002024	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Surfacing Equipment	VOC	0.000353203	0	0	0		0
21037	Nonroad	2265002027	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	2.08928E-05	0.002087279	0.002087279	0.002087279	0.002087279	0.002087279
21037	Nonroad	2265002030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Trenchers	VOC	0.000664996	0	0	0		0
21037	Nonroad	2265002033	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Bore/Drill Rigs	VOC	0.000381787	0.006297222	0.006297222	0.006297222	0.006297222	0.006297222
21037	Nonroad	2265002039	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	0.001021325	0	0	0		0
21037	Nonroad	2265002042	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cement and Mortar Mixers	VOC	0.001123697	0.001061329	0.001061329	0.001061329	0.001061329	0.001061329
21037	Nonroad	2265002045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cranes	VOC	3.79266E-05	0	0	0		0
21037	Nonroad	2265002054	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	9.26385E-05	0.000849063	0.000849063	0.000849063	0.000849063	0.000849063
21037	Nonroad	2265002057	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	4.40541E-05	0	0	0		0
21037	Nonroad	2265002060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rubber Tire Loaders	VOC	6.87466E-05	3.26149E-05	3.26149E-05	3.26149E-05	3.26149E-05	3.26149E-05
21037	Nonroad	2265002066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	0.000365357	0	0	0	0	0
21037	Nonroad	2265002072	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Skid Steer Loaders	VOC	0.000238523	0	0	0	0	0
21037	Nonroad	2265002078	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Dumpers/Tenders	VOC	0.000162023	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2265002081	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Other Construction Equipment	VOC	5.19579E-05	0	0	0	0	0
21037	Nonroad	2265003010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Aerial Lifts	VOC	0.00045189	0	0	0		0
21037	Nonroad	2265003020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Forklifts	VOC	0.000693774	0	0	0	0	0
21037	Nonroad	2265003030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Sweepers/Scrubbers	VOC	0.000230418	0	0	0	0	0
21037	Nonroad	2265003040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other General Industrial Equipment	VOC	0.001056556	0	0	0	0	0
21037	Nonroad	2265003050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other Material Handling Equipment	VOC	3.0705E-05	0	0	0	0	0
21037	Nonroad	2265003060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	AC\Refrigeration	VOC	2.05507E-05	0	0	0	0	0
21037	Nonroad	2265003070	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Terminal Tractors	VOC	1.83662E-05	0	0	0	0	0
21037	Nonroad	2265004010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Residential)	VOC	0.069178703	0	0	0	0	0
21037	Nonroad	2265004011	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Commercial)	VOC	0.01091085	0	0	0		0
21037	Nonroad	2265004015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	VOC	0.005856104	0	0	0	0	0
21037	Nonroad	2265004016	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	VOC	0.006545111	0	0	0	0	0
21037	Nonroad	2265004025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	VOC	0.000361996	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2265004026	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	VOC	0.000222913	0	0	0		0
21037	Nonroad	2265004030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	VOC	0.000646795	0	0	0	0	0
21037	Nonroad	2265004031	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	0.004759042	0	0	0		0
21037	Nonroad	2265004035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	VOC	0.006560356	0	0	0	0	0
21037	Nonroad	2265004036	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	0.002798941	0	0	0		0
21037	Nonroad	2265004040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Residential)	VOC	0.006595322	0	0	0	0	0
21037	Nonroad	2265004041	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Commercial)	VOC	0.000475644	0	0	0		0
21037	Nonroad	2265004046	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Front Mowers (Commercial)	VOC	0.000724181	0	0	0	0	0
21037	Nonroad	2265004051	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Shredders < 6 HP (Commercial)	VOC	0.000791142	0	0	0		0
21037	Nonroad	2265004055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Residential)	VOC	0.069339831	0	0	0	0	0
21037	Nonroad	2265004056	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	VOC	0.006072439	0	0	0	0	0
21037	Nonroad	2265004066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	0.000692939	0	0	0	0	0
21037	Nonroad	2265004071	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	0.021144411	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2265004075	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Residential)	VOC	0.004131924	0	0	0	0	0
21037	Nonroad	2265004076	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	VOC	0.001651615	0	0	0	0	0
21037	Nonroad	2265005010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	2-Wheel Tractors	VOC	1.6737E-05	0	0	0	0	0
21037	Nonroad	2265005015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Tractors	VOC	3.43189E-05	0	0	0	0	0
21037	Nonroad	2265005020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Combines	VOC	4.23932E-07	0	0	0	0	0
21037	Nonroad	2265005025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Balers	VOC	5.60263E-05	0	0	0	0	0
21037	Nonroad	2265005030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Mowers	VOC	1.65693E-05	0	0	0	0	0
21037	Nonroad	2265005035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Sprayers	VOC	0.000258166	0	0	0		0
21037	Nonroad	2265005040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Tillers : 6 HP	VOC	0.000649691	0	0	0	0	0
21037	Nonroad	2265005045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Swathers	VOC	7.84796E-05	0	0	0	0	0
21037	Nonroad	2265005055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Other Agricultural Equipment	VOC	0.000108103	0	0	0	0	0
21037	Nonroad	2265005060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Irrigation Sets	VOC	3.42255E-05	0	0	0	0	0
21037	Nonroad	2265006005	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Generator Sets	VOC	0.032777755	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2265006010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pumps	VOC	0.00905276	0	0	0	0	0
21037	Nonroad	2265006015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Air Compressors	VOC	0.003714008	0	0	0	0	0
21037	Nonroad	2265006025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Welders	VOC	0.006274516	0	0	0		0
21037	Nonroad	2265006030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pressure Washers	VOC	0.016410531	0	0	0	0	0
21037	Nonroad	2265006035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Hydro-power Units	VOC	0.000462042	0	0	0		0
21037	Nonroad	2265007010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Shredders : 6 HP	VOC	2.41984E-05	0	0	0	0	0
21037	Nonroad	2265007015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	VOC	3.25968E-07	0	0	0		0
21037	Nonroad	2267002003	Mobile Sources	LPG	Construction and Mining Equipment	Pavers	VOC	7.73891E-06	0	0	0	0	0
21037	Nonroad	2267002015	Mobile Sources	LPG	Construction and Mining Equipment	Rollers	VOC	7.00607E-06	0	0	0		0
21037	Nonroad	2267002021	Mobile Sources	LPG	Construction and Mining Equipment	Paving Equipment	VOC	3.21233E-06	0	0	0	0	0
21037	Nonroad	2267002024	Mobile Sources	LPG	Construction and Mining Equipment	Surfacing Equipment	VOC	1.24885E-06	0	0	0		0
21037	Nonroad	2267002030	Mobile Sources	LPG	Construction and Mining Equipment	Trenchers	VOC	2.50203E-05	0	0	0	0	0
21037	Nonroad	2267002033	Mobile Sources	LPG	Construction and Mining Equipment	Bore/Drill Rigs	VOC	1.48918E-05	0	0	0	0	0
21037	Nonroad	2267002039	Mobile Sources	LPG	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	7.24566E-06	0	0	0	0	0
21037	Nonroad	2267002045	Mobile Sources	LPG	Construction and Mining Equipment	Cranes	VOC	1.29718E-05	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2267002054	Mobile Sources	LPG	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	2.13945E-06	0	0	0	0	0
21037	Nonroad	2267002057	Mobile Sources	LPG	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	1.84253E-05	0	0	0		0
21037	Nonroad	2267002060	Mobile Sources	LPG	Construction and Mining Equipment	Rubber Tire Loaders	VOC	3.02422E-05	0	0	0	0	0
21037	Nonroad	2267002066	Mobile Sources	LPG	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	2.26665E-06	0	0	0		0
21037	Nonroad	2267002072	Mobile Sources	LPG	Construction and Mining Equipment	Skid Steer Loaders	VOC	4.32774E-05	0	0	0	0	0
21037	Nonroad	2267002081	Mobile Sources	LPG	Construction and Mining Equipment	Other Construction Equipment	VOC	2.05479E-05	0	0	0		0
21037	Nonroad	2267003010	Mobile Sources	LPG	Industrial Equipment	Aerial Lifts	VOC	0.000235475	0	0	0	0	0
21037	Nonroad	2267003020	Mobile Sources	LPG	Industrial Equipment	Forklifts	VOC	0.01161281	0	0	0	0	0
21037	Nonroad	2267003030	Mobile Sources	LPG	Industrial Equipment	Sweepers/Scrubbers	VOC	5.18144E-05	0	0	0	0	0
21037	Nonroad	2267003040	Mobile Sources	LPG	Industrial Equipment	Other General Industrial Equipment	VOC	2.04389E-05	0	0	0		0
21037	Nonroad	2267003050	Mobile Sources	LPG	Industrial Equipment	Other Material Handling Equipment	VOC	1.23203E-05	0.288353589	0.288353589	0.288353589	0.288353589	0.288353589
21037	Nonroad	2267003070	Mobile Sources	LPG	Industrial Equipment	Terminal Tractors	VOC	1.61046E-05	0	0	0		0
21037	Nonroad	2267004066	Mobile Sources	LPG	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	6.30725E-05	0.042681645	0.042681645	0.042681645	0.042681645	0.042681645
21037	Nonroad	2267005055	Mobile Sources	LPG	Agricultural Equipment	Other Agricultural Equipment	VOC	3.08E-07	0	0	0		0
21037	Nonroad	2267005060	Mobile Sources	LPG	Agricultural Equipment	Irrigation Sets	VOC	6.45177E-08	0.000239382	0.000239382	0.000239382	0.000239382	0.000239382
21037	Nonroad	2267006005	Mobile Sources	LPG	Commercial Equipment	Generator Sets	VOC	0.000692948	0	0	0		0
21037	Nonroad	2267006010	Mobile Sources	LPG	Commercial Equipment	Pumps	VOC	0.000121118	0.000544393	0.000544393	0.000544393	0.000544393	0.000544393
21037	Nonroad	2267006015	Mobile Sources	LPG	Commercial Equipment	Air Compressors	VOC	0.000117066	0	0	0		0
21037	Nonroad	2267006025	Mobile Sources	LPG	Commercial Equipment	Welders	VOC	0.0002084	0.002492763	0.002492763	0.002492763	0.002492763	0.002492763
21037	Nonroad	2267006030	Mobile Sources	LPG	Commercial Equipment	Pressure Washers	VOC	3.67242E-06	0	0	0		0
21037	Nonroad	2267006035	Mobile Sources	LPG	Commercial Equipment	Hydro-power Units	VOC	1.38719E-06	0.006575015	0.006575015	0.006575015	0.006575015	0.006575015

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2268002081	Mobile Sources	CNG	Construction and Mining Equipment	Other Construction Equipment	VOC	5.00098E-08	0	0	0		0
21037	Nonroad	2268003020	Mobile Sources	CNG	Industrial Equipment	Forklifts	VOC	4.90533E-05	0.074232336	0.074232336	0.074232336	0.074232336	0.074232336
21037	Nonroad	2268003030	Mobile Sources	CNG	Industrial Equipment	Sweepers/Scrubbers	VOC	6.25929E-08	0	0	0		0
21037	Nonroad	2268003040	Mobile Sources	CNG	Industrial Equipment	Other General Industrial Equipment	VOC	2.95926E-08	0.007877113	0.007877113	0.007877113	0.007877113	0.007877113
21037	Nonroad	2268003060	Mobile Sources	CNG	Industrial Equipment	AC\Refrigeration	VOC	1.3941E-07	0	0	0		0
21037	Nonroad	2268003070	Mobile Sources	CNG	Industrial Equipment	Terminal Tractors	VOC	7.43687E-08	0.103533316	0.103533316	0.103533316	0.103533316	0.103533316
21037	Nonroad	2268005055	Mobile Sources	CNG	Agricultural Equipment	Other Agricultural Equipment	VOC	1.14043E-08	0	0	0		0
21037	Nonroad	2268005060	Mobile Sources	CNG	Agricultural Equipment	Irrigation Sets	VOC	5.43497E-08	0.004951089	0.004951089	0.004951089	0.004951089	0.004951089
21037	Nonroad	2268006005	Mobile Sources	CNG	Commercial Equipment	Generator Sets	VOC	1.26453E-05	0	0	0		0
21037	Nonroad	2268006010	Mobile Sources	CNG	Commercial Equipment	Pumps	VOC	5.42833E-07	0.233711874	0.233711874	0.233711874	0.233711874	0.233711874
21037	Nonroad	2268006015	Mobile Sources	CNG	Commercial Equipment	Air Compressors	VOC	5.42147E-07	0	0	0		0
21037	Nonroad	2268006020	Mobile Sources	CNG	Commercial Equipment	Gas Compressors	VOC	3.50817E-06	0.221412037	0.221412037	0.221412037	0.221412037	0.221412037
21037	Nonroad	2270002003	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Pavers	VOC	0.0003973	0	0	0		0
21037	Nonroad	2270002006	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tampers/Rammers	VOC		0.167288943	0.167288943	0.167288943	0.167288943	0.167288943
21037	Nonroad	2270002009	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Plate Compactors	VOC		0	0	0		0
21037	Nonroad	2270002015	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rollers	VOC		0.116856209	0.116856209	0.116856209	0.116856209	0.116856209
21037	Nonroad	2270002018	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Scrapers	VOC	0.000816686	0	0	0		0
21037	Nonroad	2270002021	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Paving Equipment	VOC	7.22686E-05	0.070113698	0.070113698	0.070113698	0.070113698	0.070113698
21037	Nonroad	2270002024	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Surfacing Equipment	VOC	4.85754E-05	0	0	0		0
21037	Nonroad	2270002027	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	0.000204181	0.218951525	0.218951525	0.218951525	0.218951525	0.218951525

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2270002030	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Trenchers	VOC	0.000607391	0	0	0		0
21037	Nonroad	2270002033	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Bore/Drill Rigs	VOC	0.000642265	0.008610458	0.008610458	0.008610458	0.008610458	0.008610458
21037	Nonroad	2270002036	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Excavators	VOC	0.003430164	0	0	0		0
21037	Nonroad	2270002039	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	4.4765E-05	0.007269159	0.007269159	0.007269159	0.007269159	0.007269159
21037	Nonroad	2270002042	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cement and Mortar Mixers	VOC	3.40132E-05	0	0	0		0
21037	Nonroad	2270002045	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cranes	VOC	0.000880087	0.02689347	0.02689347	0.02689347	0.02689347	0.02689347
21037	Nonroad	2270002048	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Graders	VOC	0.000867099	0	0	0		0
21037	Nonroad	2270002051	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Trucks	VOC	0.00264439	0.007569493	0.007569493	0.007569493	0.007569493	0.007569493
21037	Nonroad	2270002054	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	0.000172494	0	0	0		0
21037	Nonroad	2270002057	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	0.001605911	0.027539041	0.011783692	0.00702866	0.008270537	0.009512414
21037	Nonroad	2270002060	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rubber Tire Loaders	VOC	0.004281306	0	0	0		0
21037	Nonroad	2270002066	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	0.008772703	0.051444332	0.01835789	0.007555876	0.008122876	0.008689876
21037	Nonroad	2270002069	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crawler Tractor/Dozers	VOC	0.003522634	0	0	0		0
21037	Nonroad	2270002072	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Skid Steer Loaders	VOC	0.007780271	0.001966724	0.001416786	0.001334525	0.001587153	0.001839781
21037	Nonroad	2270002075	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Tractors	VOC	0.000429584	0	0	0		0
21037	Nonroad	2270002078	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Dumpers/Tenders	VOC	2.66808E-05	0.000912505	0.000442177	0.000300143	0.000336996	0.00037385
21037	Nonroad	2270002081	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Other Construction Equipment	VOC	0.0004674	0	0	0		0
21037	Nonroad	2270003010	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Aerial Lifts	VOC	0.000391393	0.001643144	0.000586355	0.000241336	0.00025944	0.000277557

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2270003020	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Forklifts	VOC	0.000978957	0	0	0		0
21037	Nonroad	2270003030	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Sweepers/Scrubbers	VOC	0.000532738	0.004294418	0.003738673	0.003681222	0.004000716	0.004320209
21037	Nonroad	2270003040	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other General Industrial Equipment	VOC	0.000616991	0	0	0		0
21037	Nonroad	2270003050	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other Material Handling Equipment	VOC	7.11121E-05	0	0	0	0	0
21037	Nonroad	2270003060	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	AC\Refrigeration	VOC	0.002530624	0	0	0		0
21037	Nonroad	2270003070	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Terminal Tractors	VOC	0.00051599	0	0	0	0	0
21037	Nonroad	2270004031	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	1.12281E-07	0	0	0		0
21037	Nonroad	2270004036	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	1.30914E-05	0	0	0	0	0
21037	Nonroad	2270004046	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Front Mowers (Commercial)	VOC	0.000475613	0	0	0		0
21037	Nonroad	2270004056	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	VOC	0.000100327	0.153497212	0.150949216	0.144886272	0.131852242	0.118818211
21037	Nonroad	2270004066	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	0.000554817	0	0	0		0
21037	Nonroad	2270004071	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	4.44553E-05	0.029361199	0.028873814	0.027714084	0.025220914	0.022727743
21037	Nonroad	2270004076	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	VOC	1.99352E-06	0	0	0		0
21037	Nonroad	2270005010	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	2-Wheel Tractors	VOC	1.8093E-07	0.059171373	0.05818915	0.055851957	0.050827491	0.045803025
21037	Nonroad	2270005015	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Tractors	VOC	0.005627071	0	0	0		0
21037	Nonroad	2270005020	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Combines	VOC	0.00055349	0.000304338	0.000304338	0.000304338	0.000304338	0.000304338
21037	Nonroad	2270005025	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Balers	VOC	4.7177E-06	0	0	0		0
21037	Nonroad	2270005030	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Mowers	VOC	8.12904E-07	1.57919E-05	1.57919E-05	1.57919E-05	1.57919E-05	1.57919E-05
21037	Nonroad	2270005035	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Sprayers	VOC	6.28844E-05	0	0	0		0
21037	Nonroad	2270005040	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Tillers : 6 HP	VOC	6.03918E-08	0.003869804	0.003805567	0.003652715	0.003324115	0.002995515
21037	Nonroad	2270005045	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Swathers	VOC	5.34442E-05	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Nonroad	2270005055	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Other Agricultural Equipment	VOC	0.000129334	0	0	0	0	0
21037	Nonroad	2270005060	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Irrigation Sets	VOC	6.08092E-05	0	0	0		0
21037	Nonroad	2270006005	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Generator Sets	VOC	0.002391322	0.004496759	0.004496759	0.004496759	0.004496759	0.004496759
21037	Nonroad	2270006010	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pumps	VOC	0.000538247	5.42754E-05	5.42754E-05	5.42754E-05	5.42754E-05	5.42754E-05
21037	Nonroad	2270006015	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Air Compressors	VOC	0.000978259	0.000134744	0.000134744	0.000134744	0.000134744	0.000134744
21037	Nonroad	2270006025	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Welders	VOC	0.001710679	0.000902549	0.000902549	0.000902549	0.000902549	0.000902549
21037	Nonroad	2270006030	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pressure Washers	VOC	7.97525E-05	3.15892E-06	3.15892E-06	3.15892E-06	3.15892E-06	3.15892E-06
21037	Nonroad	2270006035	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Hydro-power Units	VOC	3.53569E-05	1.41612E-07	1.41612E-07	1.41612E-07	1.41612E-07	1.41612E-07
21037	Nonroad	2270007015	Mobile Sources	Off-highway Vehicle Diesel	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	VOC	1.32662E-05	9.25926E-07	9.25926E-07	9.25926E-07	9.25926E-07	9.25926E-07
21037	Nonroad	2282005010	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Outboard	VOC	0.203995952	0.007707626	0.007707626	0.007707626	0.007707626	0.007707626
21037	Nonroad	2282005015	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Personal Water Craft	VOC	0.052563609	0.000423919	0.000423919	0.000423919	0.000423919	0.000423919
21037	Nonroad	2282010005	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Sterndrive	VOC	0.022564182	2.35076E-05	2.35076E-05	2.35076E-05	2.35076E-05	2.35076E-05
21037	Nonroad	2282020005	Mobile Sources	Pleasure Craft	Diesel	Inboard/Sterndrive	VOC	0.000929069	0.043161198	0.043161198	0.043161198	0.043161198	0.043161198
21037	Nonroad	2282020010	Mobile Sources	Pleasure Craft	Diesel	Outboard	VOC	1.15722E-05	0.002836494	0.002836494	0.002836494	0.002836494	0.002836494
21037	Nonroad	2285002015	Mobile Sources	Railroad Equipment	Diesel	Railway Maintenance	VOC	0.000810458	0.003491086	0.003491086	0.003491086	0.003491086	0.003491086
21037	Nonroad	2285004015	Mobile Sources	Railroad Equipment	Gasoline, 4-Stroke	Railway Maintenance	VOC	0.000207832	0	0	0		0
21037	Nonroad	2285006015	Mobile Sources	Railroad Equipment	LPG	Railway Maintenance	VOC	2.06068E-06	0.061442647	0.061442647	0.061442647	0.061442647	0.061442647
21037	**Nonroad**					**TOTAL**	**VOC**	**0.778486**	**3.020536**	**2.906109**	**2.841540**	**2.775477**	**2.709421**
21037	Point	10200503	External Combustion Boilers	Industrial	Distillate Oil	< 10 Million BTU/hr **	VOC	4.08497E-08	0	0	0		0
21037	Point	10200603	External Combustion Boilers	Industrial	Natural Gas	< 10 Million BTU/hr	VOC	0.000228362	2.8549E-06	2.8549E-06	2.8549E-06	2.8549E-06	2.8549E-06
21037	Point	10300501	External Combustion Boilers	Commercial/Institutional	Distillate Oil - Grades 1 and 2	Boiler	VOC	2.58894E-07	0.159805174	0.159805174	0.159805174	0.159805174	0.159805174
21037	Point	10300502	External Combustion Boilers	Commercial/Institutional	Distillate Oil	10-100 Million BTU/hr **	VOC	0	0.013649737	0.013649737	0.013649737	0.013649737	0.013649737
21037	Point	10300503	External Combustion Boilers	Commercial/Institutional	Distillate Oil	< 10 Million BTU/hr **	VOC	0	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Point	10300602	External Combustion Boilers	Commercial/Institutional	Natural Gas	10-100 Million BTU/hr	VOC	0.002110295	0.000348924	0.000348924	0.000348924	0.000348924	0.000348924
21037	Point	10300603	External Combustion Boilers	Commercial/Institutional	Natural Gas	< 10 Million BTU/hr	VOC	0.000141234	0	0	0		0
21037	Point	10301002	External Combustion Boilers	Commercial/Institutional	Liquified Petroleum Gas (LPG)	Propane	VOC	0	0.002300798	0.002300798	0.002300798	0.002300798	0.002300798
21037	Point	20200102	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Reciprocating	VOC	0.000337132	0	0	0		0
21037	Point	20200401	Internal Combustion Engines	Industrial	Large Bore Engine	Diesel	VOC	1.39134E-05	0.136676958	0.136676958	0.136676958	0.136676958	0.136676958
21037	Point	20300101	Internal Combustion Engines	Commercial/Institutional	Distillate Oil (Diesel)	Reciprocating	VOC	7.71196E-05	0.000421329	0.000421329	0.000421329	0.000421329	0.000421329
21037	Point	20300201	Internal Combustion Engines	Commercial/Institutional	Natural Gas	Reciprocating	VOC	8.27599E-08	0.008167429	0.008167429	0.008167429	0.008167429	0.008167429
21037	Point	2275050011	Mobile Sources	Aircraft	General Aviation	Piston	VOC	7.56057E-06	0	0	0		0
21037	Point	2275050012	Mobile Sources	Aircraft	General Aviation	Turbine	VOC	6.20577E-05	0.01247505	0.01247505	0.01247505	0.01247505	0.01247505
21037	Point	30201304	Industrial Processes	Food and Agriculture	Meat Smokehouses	Continuous Smokehouse: Smoke Zone	VOC	9.25926E-07	0	0	0		0
21037	Point	30290003	Industrial Processes	Food and Agriculture	Fuel Fired Equipment	Natural Gas: Process Heaters	VOC	0.000423919	0.00879085	0.00879085	0.00879085	0.00879085	0.00879085
21037	Point	30299998	Industrial Processes	Food and Agriculture	Other Not Specified	Other Not Classified	VOC	0.043161198	6.53595E-05	6.53595E-05	6.53595E-05	6.53595E-05	6.53595E-05
21037	Point	30500205	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Dryer: Drum Mix Plant (see 3-05-002-55 thru -63 for subtypes)	VOC	0.003491086	3.59477E-06	3.59477E-06	3.59477E-06	3.59477E-06	3.59477E-06
21037	Point	30501599	Industrial Processes	Mineral Products	Gypsum Manufacture	See Comment **	VOC	0.061442647	0	0	0		0
21037	Point	38500110	Industrial Processes	Cooling Tower	Process Cooling	Other Not Specified	VOC	2.8549E-06	0.012708736	0.012708736	0.012708736	0.012708736	0.012708736
21037	Point	39000699	Industrial Processes	In-process Fuel Use	Natural Gas	General	VOC	0.013649737	0	0	0		0
21037	Point	39999992	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.000348924	1.22696E-06	1.22696E-06	1.22696E-06	1.22696E-06	1.22696E-06
21037	Point	39999994	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.002300798	0	0	0		0
21037	Point	39999995	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.136676958	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21037	Point	39999999	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.008167429	0	0	0		0
21037	Point	40100198	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Dry Cleaning	Other Not Classified	VOC	0.01247505	0	0	0	0	0
21037	Point	40100296	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Degreasing	Other Not Classified: General Degreasing Units	VOC	0.00879085	0	0	0		0
21037	Point	40201001	Petroleum and Solvent Evaporation	Surface Coating Operations	Coating Oven Heater	Natural Gas	VOC	3.59477E-06	5.00871E-05	5.00871E-05	5.00871E-05	5.00871E-05	5.00871E-05
21037	Point	40299998	Petroleum and Solvent Evaporation	Surface Coating Operations	Miscellaneous	Specify in Comments Field	VOC	0.012708736	0	0	0		0
21037	Point	40301018	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Working Loss (Tank Diameter Independent)	VOC	1.22696E-06	0.003486435	0.003486435	0.003486435	0.003486435	0.003486435
21037	Point	40399999	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Other Not Classified	See Comment **	VOC	0	0	0	0		0
21037	Point	40400412	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Jet Kerosene: Working Loss	VOC	0	0.012339813	0.012134976	0.011647569	0.010599749	0.009551929
21037	Point	40400414	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Distillate Fuel #2: Working Loss	VOC	5.00871E-05	0	0	0		0
21037	Point	40500597	Petroleum and Solvent Evaporation	Printing/Publishing	General	Other Not Classified	VOC	0.003486435	0.041818091	0.041123926	0.039472165	0.035921232	0.032370299
21037	Point	40600301	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Splash Filling	VOC	0.012544649	0	0	0		0
21037	Point	40600307	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Underground Tank Breathing and Emptying	VOC	0.042512255	0.041620973	0.040930081	0.039286105	0.035751911	0.032217716
21037	Point	40600401	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Vapor Loss w/o Controls	VOC	0.042311865	0	0	0		0
21037	Point	40600402	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Liquid Spill Loss w/o Controls	VOC	0.029784647	0.029784647	0.029784647	0.029784647	0.029784647	0.029784647

gion_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	1 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	0 Summerday
21037	Point					TOTAL	VOC	0.437314	0.484518	0.482928	0.479145	0.471012	0.462879

Kenton County

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerd	030 Summerday
21117	EGU	20100102	Internal Combustion Engines	Electric Generation	Distillate Oil (Diesel)	Reciprocating	NOx	0.001777606	0.01492596	0.01492596	0.01492596	0.01492596	0.01492596
21117	**EGU**					**TOTAL**	**NOx**	**0.001778**	**0.014926**	**0.014926**	**0.014926**	**0.014926**	**0.014926**
21117	Nonpoint	2104001000	Stationary Source Fuel Combustion	Residential	Anthracite Coal	Total: All Combustor Types	NOx	1.01829E-08	0.000820927	0.000820927	0.000820927	0.000820927	0.000820927
21117	Nonpoint	2104002000	Stationary Source Fuel Combustion	Residential	Bituminous/Subb ituminous Coal	Total: All Combustor Types	NOx	1.54133E-05	0.027497538	0.027497538	0.027497538	0.027497538	0.027497538
21117	Nonpoint	2104004000	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	NOx	0.008020591	0.001523973	0.001523973	0.001523973	0.001523973	0.001523973
21117	Nonpoint	2104006000	Stationary Source Fuel Combustion	Residential	Natural Gas	Total: All Combustor Types	NOx	0.133702888	0	0	0	0	0
21117	Nonpoint	2104007000	Stationary Source Fuel Combustion	Residential	Liquified Petroleum Gas (LPG)	Total: All Combustor Types	NOx	0.038240196	0	0	0	0	0
21117	Nonpoint	2104008100	Stationary Source Fuel Combustion	Residential	Wood	Fireplace: general	NOx	0.016124864	0.000104905	0.000104905	0.000104905	0.000104905	0.000104905
21117	Nonpoint	2104008210	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; non-EPA certified	NOx	0.007959613	2.93734E-06	2.93734E-06	2.93734E-06	2.93734E-06	2.93734E-06
21117	Nonpoint	2104008220	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; non-catalytic	NOx	0.002067089	0.016409712	0.016409712	0.016409712	0.016409712	0.016409712
21117	Nonpoint	2104008230	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; catalytic	NOx	0.000603026	0.000902533	0.000902533	0.000902533	0.000902533	0.000902533
21117	Nonpoint	2104008310	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, non-EPA certified	NOx	0.006367702	0.000945305	0.000945305	0.000945305	0.000945305	0.000945305
21117	Nonpoint	2104008320	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, non-catalytic	NOx	0.001654619	5.19918E-05	5.19918E-05	5.19918E-05	5.19918E-05	5.19918E-05
21117	Nonpoint	2104008330	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, catalytic	NOx	0.000482421	0.000728666	0.000728666	0.000728666	0.000728666	0.000728666

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonpoint	2104008400	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: pellet-fired, general (freestanding or FP insert)	NOx	0.000838235	4.00766E-05	4.00766E-05	4.00766E-05	4.00766E-05	4.00766E-05
21117	Nonpoint	2104008510	Stationary Source Fuel Combustion	Residential	Wood	Furnace: Indoor, cordwood-fired, non-EPA certified	NOx	0.001434611	0.000188535	0.000188535	0.000188535	0.000188535	0.000188535
21117	Nonpoint	2104008610	Stationary Source Fuel Combustion	Residential	Wood	Hydronic heater: outdoor	NOx	0	4.04003E-06	4.04003E-06	4.04003E-06	4.04003E-06	4.04003E-06
21117	Nonpoint	2104008700	Stationary Source Fuel Combustion	Residential	Wood	Outdoor wood burning device, NEC (fire-pits, chimeas, etc)	NOx	0.000278903	0.001777606	0.001777606	0.001777606	0.001777606	0.001777606
21117	Nonpoint	2104009000	Stationary Source Fuel Combustion	Residential	Firelog	Total: All Combustor Types	NOx	0.002580795	3.88857E-05	3.22759E-05	3.00726E-05	3.00726E-05	3.00726E-05
21117	Nonpoint	2104011000	Stationary Source Fuel Combustion	Residential	Kerosene	Total: All Heater Types	NOx	0.006774918	0	0	0	0	0
21117	Nonpoint	2285002006	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives: Class I Operations	NOx	1.435929731	0	0	0	0	0
21117	Nonpoint	2302002100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Conveyorized Charbroiling	NOx		0.001002293	0.000644889	0.000525754	0.000525754	0.000525754
21117	Nonpoint	2302002200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	NOx		7.02192E-05	3.82422E-05	2.75832E-05	2.75832E-05	2.75832E-05
21117	Nonpoint	2302003000	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Deep Fat Fying	NOx		0.000436757	0.000436757	0.000436757	0.000436757	0.000436757
21117	Nonpoint	2302003100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Flat Griddle Frying	NOx		1.65333E-05	1.65333E-05	1.65333E-05	1.65333E-05	1.65333E-05
21117	Nonpoint	2302003200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Clamshell Griddle Frying	NOx		5.08358E-05	5.08358E-05	5.08358E-05	5.08358E-05	5.08358E-05
21117	Nonpoint	2310000220	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Drill Rigs	NOx	0	3.52365E-06	2.92469E-06	2.72504E-06	2.72504E-06	2.72504E-06
21117	Nonpoint	2310000330	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Artificial Lift	NOx	0	1.01829E-08	1.01829E-08	1.01829E-08	1.01829E-08	1.01829E-08

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonpoint	2310000550	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Produced Water	NOx		3.39433E-08	3.39433E-08	3.39433E-08	3.39433E-08	3.39433E-08
21117	Nonpoint	2310000660	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Hydraulic Fracturing Engines	NOx	0	1.54133E-05	1.54133E-05	1.54133E-05	1.54133E-05	1.54133E-05
21117	Nonpoint	2310010100	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Heaters	NOx	0	1.69377E-05	1.69377E-05	1.69377E-05	1.69377E-05	1.69377E-05
21117	Nonpoint	2310010200	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Tanks - Flashing & Standing/Working/Breathing	NOx	0	0.008020591	0.008020591	0.008020591	0.008020591	0.008020591
21117	Nonpoint	2310010300	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Pneumatic Devices	NOx		0.000311912	0.000311912	0.000311912	0.000311912	0.000311912
21117	Nonpoint	2310011000	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Total: All Processes	NOx	0	0.133702888	0.133702888	0.133702888	0.133702888	0.133702888
21117	Nonpoint	2310011201	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Tank Truck/Railcar Loading: Crude Oil	NOx		0.007823051	0.007823051	0.007823051	0.007823051	0.007823051
21117	Nonpoint	2310011501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Connectors	NOx		0.038240196	0.038240196	0.038240196	0.038240196	0.038240196
21117	Nonpoint	2310011502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Flanges	NOx		0.001402083	0.001402083	0.001402083	0.001402083	0.001402083
21117	Nonpoint	2310011503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Open Ended Lines	NOx		0.016622431	0.017119998	0.017640601	0.018527469	0.019414336
21117	Nonpoint	2310011505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Valves	NOx		0.120832347	0.124449279	0.128233663	0.134680511	0.141127358
21117	Nonpoint	2310021010	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Storage Tanks: Condensate	NOx	0	0.007608253	0.007256893	0.006873695	0.006208498	0.005543302
21117	Nonpoint	2310021030	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Tank Truck/Railcar Loading: Condensate	NOx		0.144013467	0.137362718	0.130109312	0.117518088	0.104926864
21117	Nonpoint	2310021100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Heaters	NOx	0	0.002227436	0.002387783	0.002564076	0.002871186	0.003178297
21117	Nonpoint	2310021202	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Lean Burn Compressor Engines 50 To 499 HP	NOx	0	0.011723343	0.012567275	0.013495133	0.015111503	0.016727873

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21117	Nonpoint	2310021251	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Lean Burn	NOx	0	0.000649803	0.000696581	0.00074801	0.000837603	0.000927195
21117	Nonpoint	2310021300	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Pneumatic Devices	NOx		0.004873516	0.005224347	0.005610068	0.00628201	0.006953952
21117	Nonpoint	2310021302	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Rich Burn Compressor Engines 50 To 499 HP	NOx	0	0.006313121	0.006258541	0.006198503	0.00609389	0.005989278
21117	Nonpoint	2310021351	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Rich Burn	NOx	0	0.119498192	0.118465067	0.117328629	0.115348471	0.113368314
21117	Nonpoint	2310021400	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Dehydrators	NOx	0	0.00178297	0.001911321	0.002052436	0.002298265	0.002544094
21117	Nonpoint	2310021501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Connectors	NOx		0.009384057	0.010059589	0.010802302	0.01209614	0.013389978
21117	Nonpoint	2310021502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Flanges	NOx		0.000519843	0.000557265	0.000598409	0.000670083	0.000741757
21117	Nonpoint	2310021503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Open Ended Lines	NOx		0.003898831	0.004179497	0.004488075	0.00502563	0.005563186
21117	Nonpoint	2310021505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Valves	NOx		0.001069947	0.00130166	0.001556124	0.001999191	0.002442258
21117	Nonpoint	2310021506	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Other	NOx		1.15442E-05	1.40442E-05	1.67898E-05	2.15702E-05	2.63507E-05
21117	Nonpoint	2310021603	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Venting - Blowdowns	NOx	0	0.001497938	0.001561266	0.001669272	0.001886513	0.002103754
21117	Nonpoint	2310111100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Mud Degassing	NOx		0.009599404	0.010005234	0.010697379	0.012089548	0.013481718
21117	Nonpoint	2310111401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Oil Well Pneumatic Pumps	NOx		0	0	0	0	0
21117	Nonpoint	2310121100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Mud Degassing	NOx		0	0	0	0	0
21117	Nonpoint	2310121401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Pneumatic Pumps	NOx		0.000287509	0.000296115	0.000305119	0.000320459	0.000335799
21117	Nonpoint	2310121700	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Completion: All Processes	NOx	0	0.002089973	0.002152533	0.00221799	0.002329497	0.002441005
21117	Nonpoint	2401001000	Solvent Utilization	Surface Coating	Architectural Coatings	Total: All Solvent Types	NOx		0.002660431	0.002740067	0.00282339	0.00296534	0.003107277

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21117	Nonpoint	2401005000	Solvent Utilization	Surface Coating	Auto Refinishing: SIC 7532	Total: All Solvent Types	NOx		0.013696841	0.014106835	0.01453581	0.015266587	0.015997363
21117	Nonpoint	2401008000	Solvent Utilization	Surface Coating	Traffic Markings	Total: All Solvent Types	NOx		0.006774918	0.006774918	0.006774918	0.006774918	0.006774918
21117	Nonpoint	2401015000	Solvent Utilization	Surface Coating	Factory Finished Wood: SIC 2426 thru 242	Total: All Solvent Types	NOx		0.000263469	0.000263469	0.000263469	0.000263469	0.000263469
21117	Nonpoint	2401020000	Solvent Utilization	Surface Coating	Wood Furniture: SIC 25	Total: All Solvent Types	NOx		0.000155231	0.000156487	0.000157743	0.000159836	0.000161929
21117	Nonpoint	2401030000	Solvent Utilization	Surface Coating	Paper: SIC 26	Total: All Solvent Types	NOx		0.006360005	0.006394723	0.006442827	0.006534154	0.006625482
21117	Nonpoint	2401055000	Solvent Utilization	Surface Coating	Machinery and Equipment: SIC 35	Total: All Solvent Types	NOx		1.03687E-05	1.04526E-05	1.05365E-05	1.06763E-05	1.08162E-05
21117	Nonpoint	2401065000	Solvent Utilization	Surface Coating	Electronic and Other Electrical: SIC 36 - 363	Total: All Solvent Types	NOx		0.000229308	0.000230185	0.00023192	0.000235527	0.000239134
21117	Nonpoint	2401070000	Solvent Utilization	Surface Coating	Motor Vehicles: SIC 371	Total: All Solvent Types	NOx		1.24149E-05	1.25153E-05	1.26158E-05	1.27832E-05	1.29506E-05
21117	Nonpoint	2401085000	Solvent Utilization	Surface Coating	Railroad: SIC 374	Total: All Solvent Types	NOx		0.000273332	0.000274672	0.000276814	0.000281051	0.000285289
21117	Nonpoint	2401090000	Solvent Utilization	Surface Coating	Miscellaneous Manufacturing	Total: All Solvent Types	NOx		8.7339E-08	8.80456E-08	8.87522E-08	8.993E-08	9.11077E-08
21117	Nonpoint	2401100000	Solvent Utilization	Surface Coating	Industrial Maintenance Coatings	Total: All Solvent Types	NOx		2.25523E-06	2.27141E-06	2.28962E-06	2.32163E-06	2.35365E-06
21117	Nonpoint	2401200000	Solvent Utilization	Surface Coating	Other Special Purpose Coatings	Total: All Solvent Types	NOx		0.000408035	0.000411337	0.000414638	0.00042014	0.000425642
21117	Nonpoint	2415000000	Solvent Utilization	Degreasing	All Processes/All Industries	Total: All Solvent Types	NOx		0.016209816	0.016335002	0.016466668	0.016691511	0.016916355
21117	Nonpoint	2420000000	Solvent Utilization	Dry Cleaning	All Processes	Total: All Solvent Types	NOx		2.44229E-06	2.46205E-06	2.48181E-06	2.51474E-06	2.54768E-06
21117	Nonpoint	2460100000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Personal Care Products	Total: All Solvent Types	NOx		5.56068E-05	5.59064E-05	5.63277E-05	5.71313E-05	5.79349E-05
21117	Nonpoint	2460200000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Household Products	Total: All Solvent Types	NOx		1.43308E-06	9.63678E-07	5.7658E-07		0
21117	Nonpoint	2460400000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Automotive Aftermarket Products	Total: All Solvent Types	NOx		3.51545E-05	2.36131E-05	1.41186E-05		0
21117	Nonpoint	2460500000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Coatings and Related Products	Total: All Solvent Types	NOx		1.13532E-07	7.63448E-08	4.5678E-08		0
21117	Nonpoint	2460600000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Adhesives and Sealants	Total: All Solvent Types	NOx		2.68719E-06	1.80571E-06	1.07992E-06		0

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21117	Nonpoint	2460800000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All FIFRA Related Products	Total: All Solvent Types	NOx		4.74896E-05	5.0385E-05	5.29642E-05	5.69994E-05	6.10347E-05
21117	Nonpoint	2460900000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	Miscellaneous Products (Not Otherwise Covered)	Total: All Solvent Types	NOx		0.00132855	0.001254301	0.001269009	0.001367653	0.001466297
21117	Nonpoint	2461021000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Cutback Asphalt	Total: All Solvent Types	NOx		0.000162248	0.000170748	0.000179038	0.000192678	0.000206319
21117	Nonpoint	2461022000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Emulsified Asphalt	Total: All Solvent Types	NOx		0.003635644	0.00377042	0.003936474	0.004239296	0.004542117
21117	Nonpoint	2461850000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Pesticide Application: Agricultural	All Processes	NOx		0.000657906	0.000692236	0.000725799	0.000781096	0.000836394
21117	Nonpoint	2501011011	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Permeation	NOx		0.021747625	0.022693647	0.023784465	0.025723158	0.027661852
21117	Nonpoint	2501011012	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Evaporation (includes Diurnal losses)	NOx		0.001800199	0.001891003	0.001981662	0.002132638	0.002283615
21117	Nonpoint	2501011014	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Refilling at the Pump - Vapor Displacement	NOx		0.082133213	0.086274296	0.090418841	0.097329302	0.104239763
21117	Nonpoint	2501012011	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Permeation	NOx		0.000922439	0.000970493	0.00101752	0.001095043	0.001172566
21117	Nonpoint	2501012012	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Evaporation (includes Diurnal losses)	NOx		0.025777521	0.025264839	0.02594892	0.028086359	0.030223798
21117	Nonpoint	2501012014	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Refilling at the Pump - Vapor Displacement	NOx		0.001580283	0.001659994	0.001739577	0.001872112	0.002004646
21117	Nonpoint	2501050120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Terminals: All Evaporative Losses	Gasoline	NOx		0.042036885	0.044040142	0.04612681	0.0496741	0.05322139
21117	Nonpoint	2501055120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Plants: All Evaporative Losses	Gasoline	NOx		0.000589707	0.000620391	0.000650441	0.000699997	0.000749554
21117	Nonpoint	2501060051	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Submerged Filling	NOx		0.01645824	0.015736135	0.01609915	0.017608443	0.019117736

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21117	Nonpoint	2501060052	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Splash Filling	NOx		0.001465042	0.00153894	0.00161272	0.001735589	0.001858458
21117	Nonpoint	2501060053	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Balanced Submerged Filling	NOx		0.041634074	0.043669154	0.04575628	0.049278193	0.052800106
21117	Nonpoint	2501060201	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Underground Tank: Breathing and Emptying	NOx		0.000212187	0.000222889	0.000233575	0.000251371	0.000269166
21117	Nonpoint	2501080050	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 1: Total	NOx		0.026385325	0.026856115	0.027887989	0.03007535	0.032262711
21117	Nonpoint	2501080100	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 2: Total	NOx		0.00034683	0.000364325	0.000381791	0.000410878	0.000439966
21117	Nonpoint	2505040120	Storage and Transport	Petroleum and Petroleum Product Transport	Pipeline	Gasoline	NOx		0.040010441	0.041946427	0.043934496	0.047291348	0.050648201
21117	Nonpoint	2630020000	Waste Disposal, Treatment, and Recovery	Wastewater Treatment	Public Owned	Total Processed	NOx		6.46299E-07	6.78898E-07	7.11446E-07	7.6565E-07	8.19853E-07
21117	Nonpoint	2810060100	Miscellaneous Area Sources	Other Combustion	Cremation	Humans	NOx	0.001634545	1.2935E-05	1.35724E-05	1.42253E-05	1.53265E-05	1.64276E-05
21117	**Nonpoint**					**TOTAL**	**NOx**	**1.664710**	**1.062754**	**1.073080**	**1.087069**	**1.113434**	**1.139815**
21117	Nonroad	2260002006	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Tampers/Rammers	NOx	0.000153975	1.8532E-06	1.92923E-06	2.00526E-06	2.13199E-06	2.25871E-06
21117	Nonroad	2260002009	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Plate Compactors	NOx	1.02848E-05	3.82132E-05	3.92295E-05	4.0709E-05	4.3561E-05	4.64129E-05
21117	Nonroad	2260002021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Paving Equipment	NOx	1.23144E-05	7.89907E-05	8.45632E-05	9.01411E-05	9.9442E-05	0.000108743
21117	Nonroad	2260002027	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	8.66324E-08	0.002147159	0.002289073	0.002439207	0.002696279	0.002953351
21117	Nonroad	2260002039	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.000404734	0.000538537	0.000576253	0.000614107	0.000677312	0.000740517

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21117	Nonroad	2260002054	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	2.42253E-06	0.015152759	0.016109558	0.017125745	0.018868882	0.020612019
21117	Nonroad	2260003030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Sweepers/Scrubbers	NOx	1.90248E-06	1.97092E-07	2.10996E-07	2.24914E-07	2.4812E-07	2.71327E-07
21117	Nonroad	2260003040	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Other General Industrial Equipment	NOx	1.50718E-07	5.44282E-06	5.82279E-06	6.20737E-06	6.85218E-06	7.49699E-06
21117	Nonroad	2260004015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	NOx	4.45943E-05	2.63446E-06	2.82031E-06	3.00634E-06	3.31653E-06	3.62673E-06
21117	Nonroad	2260004016	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	NOx	0.000153748	7.65823E-05	8.19143E-05	8.73041E-05	9.6335E-05	0.000105366
21117	Nonroad	2260004020	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Residential)	NOx	0.000623575	4.90871E-07	5.28829E-07	5.66788E-07	6.30053E-07	6.93319E-07
21117	Nonroad	2260004021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Commercial)	NOx	0.001709395	2.23148E-05	2.40399E-05	2.57677E-05	2.86497E-05	3.15317E-05
21117	Nonroad	2260004025	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	NOx	0.000874386	0.00350709	0.003188136	0.003113136	0.003191434	0.003269731
21117	Nonroad	2260004026	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	NOx	0.001500573	0.009822153	0.00925515	0.00919962	0.009533297	0.009866974
21117	Nonroad	2260004030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	NOx	0.000559023	0.000212951	0.000156897	0.000135668	0.000129306	0.000122945
21117	Nonroad	2260004031	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	0.001391145	0.000400879	0.000335832	0.00031455	0.000315554	0.000316557
21117	Nonroad	2260004035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	NOx	0.000201484	1.46532E-06	1.09417E-06	9.63058E-07	9.44555E-07	9.26052E-07
21117	Nonroad	2260004036	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	0.000329336	3.68872E-06	3.1216E-06	2.93706E-06	2.94833E-06	2.95959E-06

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21117	Nonroad	2260004071	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	6.137E-07	0.000346887	0.000271954	0.000246719	0.000246077	0.000245434
21117	Nonroad	2260005035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Agricultural Equipment	Sprayers	NOx	1.77717E-06	0.001264971	0.00091025	0.000796281	0.000806956	0.000817632
21117	Nonroad	2260006005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Generator Sets	NOx	7.34182E-05	0.000322919	0.000255133	0.000232579	0.00023268	0.000232781
21117	Nonroad	2260006010	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Pumps	NOx	0.000500821	0.000661659	0.000581138	0.00055784	0.000566697	0.000575554
21117	Nonroad	2260006015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Air Compressors	NOx	1.83188E-07	0.000705694	0.000537979	0.000474934	0.000457082	0.00043923
21117	Nonroad	2260006035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Hydro-power Units	NOx	2.4486E-06	0.001982298	0.001545143	0.001400722	0.001403966	0.00140721
21117	Nonroad	2260007005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Logging Equipment	Chain Saws : 6 HP	NOx	4.52912E-07	0.000274458	0.000217431	0.000198396	0.000198329	0.000198263
21117	Nonroad	2265001050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Golf Carts	NOx	0.003826045	0.000772524	0.00062224	0.000576001	0.000585641	0.000595281
21117	Nonroad	2265002003	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Pavers	NOx	0.000269004	1.40246E-05	1.12562E-05	1.03559E-05	1.04121E-05	1.04683E-05
21117	Nonroad	2265002006	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tampers/Rammers	NOx	1.83646E-06	4.36271E-05	3.26616E-05	2.92109E-05	2.97222E-05	3.02335E-05
21117	Nonroad	2265002009	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Plate Compactors	NOx	0.00042182	0.00066661	0.000492699	0.000426508	0.000405957	0.000385407
21117	Nonroad	2265002015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rollers	NOx	0.000390704	0.001426555	0.001115679	0.001013984	0.001018808	0.001023631
21117	Nonroad	2265002021	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Paving Equipment	NOx	0.000873408	0.00030399	0.000249276	0.000216984	0.000181852	0.000146719

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21117	Nonroad	2265002024	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Surfacing Equipment	NOx	0.000331485	0.000760256	0.00052381	0.00043987	0.000427058	0.000414246
21117	Nonroad	2265002027	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	1.67931E-05	0.001051497	0.000917965	0.000875391	0.000880231	0.000885071
21117	Nonroad	2265002030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Trenchers	NOx	0.000840521	0.002492766	0.002316667	0.002272538	0.002308963	0.002345389
21117	Nonroad	2265002033	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Bore/Drill Rigs	NOx	0.000358705	0.000660814	0.00051645	0.000448993	0.000400653	0.000352312
21117	Nonroad	2265002039	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.001185028	0.00235658	0.001782617	0.001558892	0.001477883	0.001396874
21117	Nonroad	2265002042	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cement and Mortar Mixers	NOx	0.000805178	0.000117756	8.1638E-05	6.00883E-05	3.63123E-05	1.25364E-05
21117	Nonroad	2265002045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cranes	NOx	0.000153874	7.75647E-05	5.61179E-05	4.37163E-05	3.05847E-05	1.74532E-05
21117	Nonroad	2265002054	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	0.000108602	8.80262E-05	6.74505E-05	5.93584E-05	5.62747E-05	5.31911E-05
21117	Nonroad	2265002057	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	0.000208049	0.000202324	0.000162679	0.000149875	0.000150901	0.000151928
21117	Nonroad	2265002060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.000341784	0.000148563	8.9078E-05	6.18876E-05	4.34827E-05	2.50778E-05
21117	Nonroad	2265002066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	0.000466288	8.19589E-05	4.88903E-05	3.39179E-05	2.40441E-05	1.41702E-05
21117	Nonroad	2265002072	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.000655254	0.000243698	0.000145611	0.000109682	0.000101597	9.35122E-05
21117	Nonroad	2265002078	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Dumpers/Tenders	NOx	0.000135539	0.000126621	7.37165E-05	5.47281E-05	5.13438E-05	4.79595E-05

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2265002081	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Other Construction Equipment	NOx	0.000243684	0.000385464	0.00030464	0.000278247	0.00027962	0.000280993
21117	Nonroad	2265003010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Aerial Lifts	NOx	0.001130504	0.000851957	0.000749277	0.000719853	0.000731859	0.000743865
21117	Nonroad	2265003020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Forklifts	NOx	0.002470142	0.000510593	0.000365931	0.000285923	0.000206453	0.000126982
21117	Nonroad	2265003030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Sweepers/Scrubbers	NOx	0.000336063	0.000513092	0.000403497	0.000350432	0.000309098	0.000267763
21117	Nonroad	2265003040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other General Industrial Equipment	NOx	0.000540645	0.000112309	8.90797E-05	7.67255E-05	6.51984E-05	5.36712E-05
21117	Nonroad	2265003050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other Material Handling Equipment	NOx	7.17926E-05	0.000352031	0.0002815	0.000249289	0.000227537	0.000205785
21117	Nonroad	2265003060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	AC\Refrigeration	NOx	1.52912E-05	0.000191889	0.000140093	0.000104212	5.76725E-05	1.11324E-05
21117	Nonroad	2265003070	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Terminal Tractors	NOx	6.98179E-05	0.000107051	7.84869E-05	5.84903E-05	3.23023E-05	6.11426E-06
21117	Nonroad	2265004010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Residential)	NOx	0.012644286	0.000819104	0.000507704	0.00031758	0.00010177	1.54462E-05
21117	Nonroad	2265004011	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Commercial)	NOx	0.006288479	0.000594998	0.000364552	0.000224524	6.6492E-05	3.27927E-06
21117	Nonroad	2265004015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	NOx	0.001062927	0.001547292	0.000624441	0.000241587	5.34927E-05	1.58739E-05
21117	Nonroad	2265004016	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	NOx	0.003399252	0.000791937	0.00031519	0.000119444	2.73697E-05	8.95472E-06
21117	Nonroad	2265004025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	NOx	6.63921E-05	0.00022142	0.000106777	5.09175E-05	6.80589E-06	6.80589E-06

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21117	Nonroad	2265004026	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	NOx	0.000151011	0.000285219	0.000149194	7.59625E-05	6.23812E-06	6.23812E-06
21117	Nonroad	2265004030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	NOx	0.000126712	0.000366445	0.000192246	9.71176E-05	4.46251E-06	4.46251E-06
21117	Nonroad	2265004031	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	0.008133567	0.001275782	0.000619394	0.000288507	8.27888E-06	8.27888E-06
21117	Nonroad	2265004035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	NOx	0.001431806	4.93807E-05	2.69689E-05	1.50069E-05	3.77844E-06	1.53276E-06
21117	Nonroad	2265004036	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	0.002340319	3.88894E-05	2.16889E-05	1.21543E-05	2.65153E-06	7.50973E-07
21117	Nonroad	2265004040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Residential)	NOx	0.002726955	1.02412E-05	5.19121E-06	2.57634E-06	2.47479E-07	2.47479E-07
21117	Nonroad	2265004041	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Commercial)	NOx	0.000771031	2.43611E-05	1.34421E-05	7.20824E-06	7.22635E-07	7.22635E-07
21117	Nonroad	2265004046	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Front Mowers (Commercial)	NOx	0.001039119	4.81813E-05	2.65447E-05	1.44926E-05	2.39265E-06	2.39265E-06
21117	Nonroad	2265004051	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Shredders < 6 HP (Commercial)	NOx	0.000401153	2.31789E-05	1.27791E-05	6.9953E-06	1.20221E-06	4.35949E-08
21117	Nonroad	2265004055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Residential)	NOx	0.036598588	0.010677191	0.008710096	0.008131724	0.008325039	0.008518353
21117	Nonroad	2265004056	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	NOx	0.010478227	0.093222154	0.066173984	0.057662537	0.05892406	0.060185583
21117	Nonroad	2265004066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.001902192	0.005463026	0.004637573	0.004475814	0.004759292	0.005042771
21117	Nonroad	2265004071	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	0.031520098	0.033392954	0.025928591	0.024189241	0.026061167	0.027933093

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21117	Nonroad	2265004075	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Residential)	NOx	0.001316011	0.000896566	0.000730206	0.000681338	0.0006978	0.000714263
21117	Nonroad	2265004076	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	NOx	0.001156063	0.007960548	0.005737432	0.005048572	0.005179018	0.005309465
21117	Nonroad	2265005010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	2-Wheel Tractors	NOx	6.63031E-06	0.002892168	0.002385083	0.002262306	0.002377933	0.002493561
21117	Nonroad	2265005015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Tractors	NOx	4.07644E-05	0.019866409	0.015222016	0.013996149	0.014801809	0.015607469
21117	Nonroad	2265005020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Combines	NOx	5.30788E-07	5.64941E-05	4.65961E-05	4.42238E-05	4.65414E-05	4.8859E-05
21117	Nonroad	2265005025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Balers	NOx	6.12268E-05	0.00052236	0.000415102	0.000390702	0.000419085	0.000447469
21117	Nonroad	2265005030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Mowers	NOx	6.20218E-06	0.000129124	0.000107237	0.000102523	0.000108979	0.000115435
21117	Nonroad	2265005035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Sprayers	NOx	0.000106275	0.000744754	0.000654744	0.0006446	0.000694248	0.000743895
21117	Nonroad	2265005040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Tillers : 6 HP	NOx	0.000141564	0.00010779	8.88675E-05	8.43424E-05	8.87982E-05	9.32541E-05
21117	Nonroad	2265005045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Swathers	NOx	9.70446E-05	0.000853101	0.000583101	0.00051023	0.000553054	0.000595877
21117	Nonroad	2265005055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Other Agricultural Equipment	NOx	0.000116518	0.006509142	0.004884717	0.004345667	0.004351728	0.00435779
21117	Nonroad	2265005060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Irrigation Sets	NOx	4.32296E-05	0.01650932	0.015197117	0.015167028	0.016185307	0.017203586
21117	Nonroad	2265006005	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Generator Sets	NOx	0.027749751	0.001507864	0.001583922	0.001669641	0.001820555	0.00197147

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21117	Nonroad	2265006010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pumps	NOx	0.007203808	0.010378063	0.009369728	0.00937053	0.010212813	0.011055097
21117	Nonroad	2265006015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Air Compressors	NOx	0.004103041	0.002464637	0.002588955	0.002729065	0.00297574	0.003222415
21117	Nonroad	2265006025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Welders	NOx	0.007921006	0.01086392	0.011248946	0.011750582	0.012683814	0.013617047
21117	Nonroad	2265006030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pressure Washers	NOx	0.011392468	0.002250846	0.001774737	0.001618305	0.001623983	0.001629661
21117	Nonroad	2265006035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Hydro-power Units	NOx	0.000420579	0.009775939	0.00811473	0.007758824	0.008253399	0.008747973
21117	Nonroad	2265007010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Shredders : 6 HP	NOx	2.07971E-06	0.00064129	0.00051155	0.000479871	0.000508791	0.000537711
21117	Nonroad	2265007015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	NOx	1.87713E-08	0.00163364	0.001486764	0.001484221	0.00160026	0.001716299
21117	Nonroad	2267002003	Mobile Sources	LPG	Construction and Mining Equipment	Pavers	NOx	7.34194E-05	0.000883178	0.000727237	0.000649961	0.000586721	0.000523482
21117	Nonroad	2267002015	Mobile Sources	LPG	Construction and Mining Equipment	Rollers	NOx	6.99368E-05	0.002389685	0.002070494	0.00194222	0.001887526	0.001832832
21117	Nonroad	2267002021	Mobile Sources	LPG	Construction and Mining Equipment	Paving Equipment	NOx	3.02771E-05	0.00033982	0.000278486	0.000262305	0.000272964	0.000283623
21117	Nonroad	2267002024	Mobile Sources	LPG	Construction and Mining Equipment	Surfacing Equipment	NOx	1.19118E-05	0.002374639	0.00178717	0.001620209	0.001692362	0.001764516
21117	Nonroad	2267002030	Mobile Sources	LPG	Construction and Mining Equipment	Trenchers	NOx	0.000236245	0.030174596	0.023750605	0.021645028	0.021734411	0.021823794
21117	Nonroad	2267002033	Mobile Sources	LPG	Construction and Mining Equipment	Bore/Drill Rigs	NOx	0.000142048	0.103960141	0.087539891	0.084066112	0.089065207	0.094064302
21117	Nonroad	2267002039	Mobile Sources	LPG	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	8.06685E-05	0.008714798	0.006951369	0.00652077	0.006913795	0.007306821
21117	Nonroad	2267002045	Mobile Sources	LPG	Construction and Mining Equipment	Cranes	NOx	0.000122105	0.020991596	0.019247536	0.019257887	0.020737148	0.022216409

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21117	Nonroad	2267002054	Mobile Sources	LPG	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	2.01177E-05	0.001537945	0.001173698	0.001071877	0.001120866	0.001169854
21117	Nonroad	2267002057	Mobile Sources	LPG	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	0.000172749	0.002324951	0.00205657	0.002029265	0.002184653	0.002340042
21117	Nonroad	2267002060	Mobile Sources	LPG	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.000285914	0.026810385	0.022100672	0.021056429	0.022370582	0.023684735
21117	Nonroad	2267002066	Mobile Sources	LPG	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	2.20919E-05	0.068736898	0.058319547	0.056644887	0.061139362	0.065633837
21117	Nonroad	2267002072	Mobile Sources	LPG	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.000408428	0.001130787	0.000945563	0.000859119	0.00079736	0.000735601
21117	Nonroad	2267002081	Mobile Sources	LPG	Construction and Mining Equipment	Other Construction Equipment	NOx	0.000193976	0.005742122	0.004311944	0.003808433	0.003741471	0.003674508
21117	Nonroad	2267003010	Mobile Sources	LPG	Industrial Equipment	Aerial Lifts	NOx	0.001559781	0.000993795	0.000831527	0.00075484	0.000698346	0.000641852
21117	Nonroad	2267003020	Mobile Sources	LPG	Industrial Equipment	Forklifts	NOx	0.076959477	0.004907447	0.003647038	0.003197242	0.003123093	0.003048945
21117	Nonroad	2267003030	Mobile Sources	LPG	Industrial Equipment	Sweepers/Scrubbers	NOx	0.000373778	5.53543E-06	4.44056E-06	4.15812E-06	4.36443E-06	4.57075E-06
21117	Nonroad	2267003040	Mobile Sources	LPG	Industrial Equipment	Other General Industrial Equipment	NOx	0.000139587	1.31485E-05	1.17141E-05	1.15461E-05	1.23215E-05	1.30969E-05
21117	Nonroad	2267003050	Mobile Sources	LPG	Industrial Equipment	Other Material Handling Equipment	NOx	8.12271E-05	3.0202E-05	1.96396E-05	1.58664E-05	1.52354E-05	1.46044E-05
21117	Nonroad	2267003070	Mobile Sources	LPG	Industrial Equipment	Terminal Tractors	NOx	0.000138094	2.36024E-05	1.73024E-05	1.53247E-05	1.56304E-05	1.5936E-05
21117	Nonroad	2267004066	Mobile Sources	LPG	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.000869592	4.69594E-07	4.08399E-07	3.45875E-07	2.40559E-07	1.35243E-07
21117	Nonroad	2267005055	Mobile Sources	LPG	Agricultural Equipment	Other Agricultural Equipment	NOx	9.71618E-07	3.2676E-07	2.85571E-07	2.45507E-07	1.79671E-07	1.13835E-07
21117	Nonroad	2267005060	Mobile Sources	LPG	Agricultural Equipment	Irrigation Sets	NOx	2.07086E-07	5.41822E-05	4.71377E-05	3.99395E-05	2.78144E-05	1.56893E-05
21117	Nonroad	2267006005	Mobile Sources	LPG	Commercial Equipment	Generator Sets	NOx	0.008449706	4.31161E-05	3.76745E-05	3.25086E-05	2.41286E-05	1.57485E-05
21117	Nonroad	2267006010	Mobile Sources	LPG	Commercial Equipment	Pumps	NOx	0.001478042	5.12529E-06	4.04839E-06	3.63877E-06	3.51215E-06	3.38552E-06
21117	Nonroad	2267006015	Mobile Sources	LPG	Commercial Equipment	Air Compressors	NOx	0.001428441	1.25705E-05	1.07109E-05	1.01582E-05	1.03263E-05	1.04943E-05
21117	Nonroad	2267006025	Mobile Sources	LPG	Commercial Equipment	Welders	NOx	0.001895376	9.25777E-05	7.88804E-05	6.87584E-05	5.48678E-05	4.09773E-05
21117	Nonroad	2267006030	Mobile Sources	LPG	Commercial Equipment	Pressure Washers	NOx	3.37092E-05	0.000185561	0.000146585	0.000129344	0.000118722	0.0001081
21117	Nonroad	2267006035	Mobile Sources	LPG	Commercial Equipment	Hydro-power Units	NOx	1.74213E-05	0.000138268	0.000134972	0.000128392	0.000114687	0.000100982

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21117	Nonroad	2268002081	Mobile Sources	CNG	Construction and Mining Equipment	Other Construction Equipment	NOx	7.99722E-06	0.000522535	0.00047899	0.000439859	0.000378318	0.000316778
21117	Nonroad	2268003020	Mobile Sources	CNG	Industrial Equipment	Forklifts	NOx	0.00549732	8.5879E-05	7.47133E-05	6.33041E-05	4.40859E-05	2.48676E-05
21117	Nonroad	2268003030	Mobile Sources	CNG	Industrial Equipment	Sweepers/Scrubbers	NOx	7.02134E-06	6.05058E-05	5.29011E-05	4.55168E-05	3.33933E-05	2.12697E-05
21117	Nonroad	2268003040	Mobile Sources	CNG	Industrial Equipment	Other General Industrial Equipment	NOx	3.35275E-06	0.00010251	8.85017E-05	7.53254E-05	5.40582E-05	3.27909E-05
21117	Nonroad	2268003060	Mobile Sources	CNG	Industrial Equipment	AC\Refrigeration	NOx	1.52824E-05	8.26721E-05	7.1297E-05	6.27935E-05	5.10139E-05	3.92342E-05
21117	Nonroad	2268003070	Mobile Sources	CNG	Industrial Equipment	Terminal Tractors	NOx	1.07338E-05	3.32752E-05	2.33208E-05	2.02965E-05	2.1031E-05	2.17656E-05
21117	Nonroad	2268005055	Mobile Sources	CNG	Agricultural Equipment	Other Agricultural Equipment	NOx	5.73233E-07	2.26449E-05	1.54741E-05	1.34088E-05	1.42212E-05	1.50337E-05
21117	Nonroad	2268005060	Mobile Sources	CNG	Agricultural Equipment	Irrigation Sets	NOx	2.72644E-06	0.023585362	0.019420973	0.01809351	0.018245176	0.018396843
21117	Nonroad	2268006005	Mobile Sources	CNG	Commercial Equipment	Generator Sets	NOx	0.002593797	0.071087591	0.059731555	0.057318113	0.060747871	0.06417763
21117	Nonroad	2268006010	Mobile Sources	CNG	Commercial Equipment	Pumps	NOx	0.00011103	0.00612845	0.005053093	0.004728273	0.004812353	0.004896433
21117	Nonroad	2268006015	Mobile Sources	CNG	Commercial Equipment	Air Compressors	NOx	0.000111053	0.018710348	0.014623678	0.01379046	0.015112973	0.016435486
21117	Nonroad	2268006020	Mobile Sources	CNG	Commercial Equipment	Gas Compressors	NOx	0.000878546	0.00334975	0.002596459	0.002375803	0.002451904	0.002528005
21117	Nonroad	2270002003	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Pavers	NOx	0.012779473	0.007750494	0.006146577	0.005834831	0.006392062	0.006949294
21117	Nonroad	2270002006	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tampers/Rammers	NOx	2.96114E-05	0.006617152	0.005313299	0.004995585	0.005287845	0.005580105
21117	Nonroad	2270002009	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Plate Compactors	NOx	0.000466543	0.014537327	0.013270516	0.013370819	0.014677254	0.015983688
21117	Nonroad	2270002015	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rollers	NOx	0.033883415	0.00970209	0.008011713	0.00769858	0.008324395	0.008950211
21117	Nonroad	2270002018	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Scrapers	NOx	0.0356043	0.034360859	0.027407649	0.026180097	0.028905557	0.031631017
21117	Nonroad	2270002021	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Paving Equipment	NOx	0.002135464	0.000362771	0.000304962	0.000296495	0.0003235	0.000350505
21117	Nonroad	2270002024	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Surfacing Equipment	NOx	0.001551136	0.001001459	0.00083929	0.000820173	0.000907523	0.000994873
21117	Nonroad	2270002027	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Signal Boards/Light Plants	NOx	0.004462065	1.82894E-06	1.57817E-06	1.43864E-06	1.29879E-06	1.15894E-06

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21117	Nonroad	2270002030	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Trenchers	NOx	0.017472762	5.13532E-06	4.69959E-06	4.54895E-06	4.53546E-06	4.52197E-06
21117	Nonroad	2270002033	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Bore/Drill Rigs	NOx	0.020481663	1.66872E-08	1.46031E-08	1.45185E-08	1.60439E-08	1.75692E-08
21117	Nonroad	2270002036	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Excavators	NOx	0.117747142	6.14284E-08	4.77481E-08	4.52223E-08	5.03081E-08	5.53939E-08
21117	Nonroad	2270002039	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Concrete/Industrial Saws	NOx	0.001234885	5.34152E-05	3.34109E-05	2.48647E-05	2.01695E-05	1.54743E-05
21117	Nonroad	2270002042	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cement and Mortar Mixers	NOx	0.000800846	1.39466E-05	7.65923E-06	4.86616E-06	3.12297E-06	1.37979E-06
21117	Nonroad	2270002045	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cranes	NOx	0.03383428	5.34812E-05	3.70256E-05	3.20157E-05	3.3204E-05	3.43924E-05
21117	Nonroad	2270002048	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Graders	NOx	0.029190939	1.26379E-05	6.95786E-06	5.03618E-06	4.96535E-06	4.89451E-06
21117	Nonroad	2270002051	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Trucks	NOx	0.115947323	2.3444E-05	1.66108E-05	1.2586E-05	8.21832E-06	3.85063E-06
21117	Nonroad	2270002054	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crushing/Processing Equipment	NOx	0.006333174	6.40206E-06	4.40523E-06	3.16484E-06	1.7279E-06	2.90952E-07
21117	Nonroad	2270002057	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rough Terrain Forklifts	NOx	0.046096124	8.82428E-06	5.73679E-06	4.42153E-06	3.70629E-06	2.99105E-06
21117	Nonroad	2270002060	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rubber Tire Loaders	NOx	0.159150588	2.28189E-06	1.29857E-06	8.60793E-07	5.85773E-07	3.10752E-07
21117	Nonroad	2270002066	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tractors/Loaders/Backhoes	NOx	0.113098906	0.000170538	0.000104832	7.67245E-05	6.12121E-05	4.56997E-05
21117	Nonroad	2270002069	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crawler Tractor/Dozers	NOx	0.133424869	4.48369E-05	2.42563E-05	1.5115E-05	9.41233E-06	3.70963E-06
21117	Nonroad	2270002072	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Skid Steer Loaders	NOx	0.078198676	0.000124747	0.000107446	9.05733E-05	6.28084E-05	3.50436E-05
21117	Nonroad	2270002075	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Tractors	NOx	0.017581403	3.41755E-05	2.94152E-05	2.45318E-05	1.62904E-05	8.04905E-06
21117	Nonroad	2270002078	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Dumpers/Tenders	NOx	0.000253642	6.83206E-05	5.59727E-05	5.34178E-05	5.73205E-05	6.12231E-05
21117	Nonroad	2270002081	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Other Construction Equipment	NOx	0.01717079	1.42168E-05	9.4893E-06	8.13863E-06	8.70158E-06	9.26452E-06
21117	Nonroad	2270003010	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Aerial Lifts	NOx	0.002704179	9.40763E-05	6.60476E-05	4.88784E-05	2.93129E-05	9.74739E-06

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21117	Nonroad	2270003020	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Forklifts	NOx	0.023240475	2.57458E-05	1.75758E-05	1.22625E-05	5.78761E-06	6.0772E-07
21117	Nonroad	2270003030	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Sweepers/Scrubbers	NOx	0.012253369	1.51547E-05	1.01917E-05	7.44279E-06	4.70626E-06	1.96972E-06
21117	Nonroad	2270003040	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other General Industrial Equipment	NOx	0.014115311	4.1363E-06	2.67885E-06	1.82254E-06	8.96318E-07	1.5534E-07
21117	Nonroad	2270003050	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other Material Handling Equipment	NOx	0.000727297	0.00012391	7.50705E-05	5.3358E-05	3.97762E-05	2.61945E-05
21117	Nonroad	2270003060	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	AC\Refrigeration	NOx	0.052937255	3.30889E-05	1.80034E-05	1.10473E-05	6.22847E-06	1.40963E-06
21117	Nonroad	2270003070	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Terminal Tractors	NOx	0.011655784	0.000204659	0.000123405	9.57979E-05	9.44938E-05	9.31896E-05
21117	Nonroad	2270004031	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	NOx	2.55506E-06	5.22772E-05	2.54839E-05	1.58335E-05	1.40353E-05	1.22371E-05
21117	Nonroad	2270004036	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Snowblowers (Commercial)	NOx	0.000623253	1.66034E-05	1.1115E-05	9.4851E-06	9.98414E-06	1.04832E-05
21117	Nonroad	2270004046	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Front Mowers (Commercial)	NOx	0.014995662	4.0097E-06	2.09307E-06	1.46487E-06	1.49156E-06	1.51824E-06
21117	Nonroad	2270004056	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	NOx	0.002978123	0.000318752	0.000229076	0.000173617	0.000109702	4.57858E-05
21117	Nonroad	2270004066	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	NOx	0.02238402	8.65033E-05	5.98547E-05	4.2578E-05	2.15936E-05	6.09125E-07
21117	Nonroad	2270004071	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Turf Equipment (Commercial)	NOx	0.002097221	0.000154493	0.00011501	8.71191E-05	5.02953E-05	1.34714E-05
21117	Nonroad	2270004076	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	NOx	5.98794E-05	4.23705E-05	3.1017E-05	2.24839E-05	1.06125E-05	1.11534E-06
21117	Nonroad	2270005010	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	2-Wheel Tractors	NOx	1.0325E-06	0.001264253	0.000968725	0.000751633	0.000455175	0.000158717
21117	Nonroad	2270005015	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Tractors	NOx	0.053131984	0.000344373	0.000257938	0.000190937	9.54625E-05	1.90828E-05
21117	Nonroad	2270005020	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Combines	NOx	0.005590579	0.055534813	0.034110149	0.026976823	0.026997392	0.027017962
21117	Nonroad	2270005025	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Balers	NOx	2.76775E-05	0.014126452	0.007006956	0.004453486	0.004002723	0.00355196
21117	Nonroad	2270005030	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Mowers	NOx	5.39943E-06	0.000295759	0.000217741	0.000195915	0.000206364	0.000216814
21117	Nonroad	2270005035	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Sprayers	NOx	0.000437202	6.73728E-05	3.99501E-05	3.08723E-05	3.10298E-05	3.11874E-05
21117	Nonroad	2270005040	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Tillers : 6 HP	NOx	5.83762E-07	0.000105157	7.07275E-05	6.0372E-05	6.31744E-05	6.59769E-05
21117	Nonroad	2270005045	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Swathers	NOx	0.000412828	2.5477E-05	1.35605E-05	9.53574E-06	9.40425E-06	9.27276E-06

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21117	Nonroad	2270005055	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Other Agricultural Equipment	NOx	0.001127187	6.1563E-05	4.18988E-05	3.10215E-05	2.02151E-05	9.40865E-06
21117	Nonroad	2270005060	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Irrigation Sets	NOx	0.000579371	1.67426E-05	1.09449E-05	7.52588E-06	3.80985E-06	9.38211E-08
21117	Nonroad	2270006005	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Generator Sets	NOx	0.050859489	0.000126934	0.000115774	0.00011634	0.000127055	0.00013777
21117	Nonroad	2270006010	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pumps	NOx	0.01200335	2.40775E-05	1.86911E-05	1.75433E-05	1.91627E-05	2.07821E-05
21117	Nonroad	2270006015	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Air Compressors	NOx	0.027554383	0.000640255	0.000410917	0.000337174	0.000343931	0.000350688
21117	Nonroad	2270006025	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Welders	NOx	0.015300413	0.000158595	8.09559E-05	5.39522E-05	5.11425E-05	4.83328E-05
21117	Nonroad	2270006030	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pressure Washers	NOx	0.001689087	8.41944E-07	7.12271E-07	5.89981E-07	3.92317E-07	1.94653E-07
21117	Nonroad	2270006035	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Hydro-power Units	NOx	0.000974951	2.33052E-07	1.97539E-07	1.62797E-07	1.05538E-07	4.82786E-08
21117	Nonroad	2270007015	Mobile Sources	Off-highway Vehicle Diesel	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	NOx	3.96904E-05	1.4965E-07	9.22138E-08	7.24489E-08	7.09001E-08	6.93513E-08
21117	Nonroad	2282005010	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Outboard	NOx	0.00477035	3.70481E-08	1.78392E-08	1.11973E-08	1.05999E-08	1.00025E-08
21117	Nonroad	2282005015	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Personal Water Craft	NOx	0.001913458	0.007588067	0.006726429	0.005807755	0.004229102	0.00265045
21117	Nonroad	2282010005	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Sterndrive	NOx	0.007187792	0.001566128	0.001386027	0.001181695	0.000820949	0.000460203
21117	Nonroad	2282020005	Mobile Sources	Pleasure Craft	Diesel	Inboard/Sterndrive	NOx	0.006179799	0.001214433	0.000950824	0.000772803	0.000547425	0.000322046
21117	Nonroad	2282020010	Mobile Sources	Pleasure Craft	Diesel	Outboard	NOx	1.73779E-05	0.000246594	0.00018797	0.00014675	9.25531E-05	3.83564E-05
21117	Nonroad	2285002015	Mobile Sources	Railroad Equipment	Diesel	Railway Maintenance	NOx	0.009053954	0.001052637	0.000676833	0.000528666	0.000471419	0.000414172
21117	Nonroad	2285004015	Mobile Sources	Railroad Equipment	Gasoline, 4-Stroke	Railway Maintenance	NOx	0.000167335	0.000208682	0.000122356	8.66967E-05	6.9485E-05	5.22732E-05
21117	Nonroad	2285006015	Mobile Sources	Railroad Equipment	LPG	Railway Maintenance	NOx	1.42286E-05	0.001387824	0.000880272	0.000676368	0.000589566	0.000502765
21117	**Nonroad**					**TOTAL**	**NOx**	**1.671066**	**0.866241**	**0.694674**	**0.649197**	**0.678475**	**0.708754**
21117	Point	10200602	External Combustion Boilers	Industrial	Natural Gas	10-100 Million BTU/hr	NOx	0.01492596	0.000362658	0.000200146	0.000129528	8.84068E-05	4.7286E-05
21117	Point	10200603	External Combustion Boilers	Industrial	Natural Gas	< 10 Million BTU/hr	NOx	0.027497538	2.72541E-05	2.07991E-05	1.65868E-05	1.14355E-05	6.28408E-06
21117	Point	10201002	External Combustion Boilers	Industrial	Liquified Petroleum Gas (LPG)	Propane	NOx	0	7.35425E-06	5.45403E-06	4.10949E-06	2.33165E-06	5.5382E-07
21117	Point	10300501	External Combustion Boilers	Commercial/Institutional	Distillate Oil - Grades 1 and 2	Boiler	NOx	0.000104905	1.339E-05	9.35859E-06	7.8446E-06	7.41909E-06	6.99358E-06
21117	Point	10300602	External Combustion Boilers	Commercial/Institutional	Natural Gas	10-100 Million BTU/hr	NOx	0.016409712	2.56983E-06	1.64394E-06	1.26966E-06	1.10551E-06	9.41364E-07

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21117	Point	10300603	External Combustion Boilers	Commercial/Institutional	Natural Gas	< 10 Million BTU/hr	NOx	0.000945305	6.38175E-06	4.76628E-06	3.62713E-06	2.12546E-06	6.23793E-07
21117	Point	10500206	External Combustion	Space Heaters	Commercial/Institutional	Natural Gas	NOx	0.000728666	1.03282E-07	7.58101E-08	5.51784E-08	2.64925E-08	3.5438E-09
21117	Point	10500210	External Combustion	Space Heaters	Commercial/Institutional	Liquified Petroleum Gas (LPG)	NOx	0.000188535	0.003970306	0.002443292	0.00193107	0.001923027	0.001914985
21117	Point	20200101	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Turbine	NOx	0	5.98138E-05	2.98832E-05	1.91299E-05	1.71888E-05	1.52477E-05
21117	Point	20200102	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Reciprocating	NOx	0.001359698	5.07759E-06	3.13385E-06	2.49439E-06	2.51555E-06	2.5367E-06
21117	Point	20200252	Internal Combustion Engines	Industrial	Natural Gas	2-cycle Lean Burn	NOx	0.000436757	7.62413E-08	3.79676E-08	2.44372E-08	2.2506E-08	2.05748E-08
21117	Point	20300101	Internal Combustion Engines	Commercial/Institutional	Distillate Oil (Diesel)	Reciprocating	NOx	5.08358E-05	2.47663E-06	1.60052E-06	1.32614E-06	1.37028E-06	1.41442E-06
21117	Point	2275050011	Mobile Sources	Aircraft	General Aviation	Piston	NOx	1.57623E-05	3.64376E-08	1.87349E-08	1.26683E-08	1.22542E-08	1.184E-08
21117	Point	2275050012	Mobile Sources	Aircraft	General Aviation	Turbine	NOx	5.82777E-05	1.16895E-05	8.09656E-06	6.80063E-06	6.55491E-06	6.30919E-06
21117	Point	28500201	Internal Combustion Engines	Railroad Equipment	Diesel	Yard Locomotives	NOx	0.13081073	1.68269E-07	9.70125E-08	6.93137E-08	5.9447E-08	4.95802E-08
21117	Point	30101899	Industrial Processes	Chemical Manufacturing	Plastics Production	Others Not Specified	NOx		9.8424E-06	8.95104E-06	8.95754E-06	9.71658E-06	1.04756E-05
21117	Point	30180003	Industrial Processes	Chemical Manufacturing	General Processes	Pipeline Valves: Light Liquid/Gas Stream	NOx		1.11449E-07	8.68393E-08	8.14029E-08	8.83204E-08	9.52378E-08
21117	Point	30180007	Industrial Processes	Chemical Manufacturing	General Processes	Flanges: All Streams	NOx		4.17548E-07	2.61863E-07	1.69958E-07	6.9932E-08	9.91654E-09
21117	Point	30180008	Industrial Processes	Chemical Manufacturing	General Processes	Pump Seals: Light Liquid/Gas Stream	NOx		7.2468E-09	4.54948E-09	2.95477E-09	1.21579E-09	1.72401E-10
21117	Point	30188801	Industrial Processes	Chemical Manufacturing	Fugitive Emissions	Specify in Comments Field	NOx		1.55796E-06	3.89491E-07	0		0
21117	Point	30190013	Industrial Processes	Chemical Manufacturing	Fuel Fired Equipment	Natural Gas: Incinerators	NOx	6.06724E-05	2.70806E-08	6.77015E-09	0		0
21117	Point	30201303	Industrial Processes	Food and Agriculture	Meat Smokehouses	Batch Smokehouses: Cooking Cycle	NOx		0.002321733	0.002049669	0.001762327	0.001270693	0.00077906
21117	Point	30299998	Industrial Processes	Food and Agriculture	Other Not Specified	Other Not Classified	NOx		2.85401E-05	2.52141E-05	2.15026E-05	1.49956E-05	8.4885E-06
21117	Point	30500206	Industrial Processes	Mineral Products	Asphalt Concrete	Asphalt Heater: Natural Gas	NOx	0	9.2464E-05	7.38976E-05	5.89705E-05	3.71246E-05	1.52787E-05
21117	Point	30500207	Industrial Processes	Mineral Products	Asphalt Concrete	Asphalt Heater: Residual Oil	NOx	0	1.12996E-06	8.91981E-07	6.93043E-07	3.94018E-07	9.49923E-08
21117	Point	30500208	Industrial Processes	Mineral Products	Asphalt Concrete	Asphalt Heater: Distillate Oil	NOx	0.000392157	8.03681E-05	4.96832E-05	3.70086E-05	3.08929E-05	2.47771E-05
21117	Point	30500213	Industrial Processes	Mineral Products	Asphalt Concrete	Storage Silo	NOx		9.54419E-07	5.42629E-07	3.68041E-07	2.74727E-07	1.81414E-07

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Point	30500214	Industrial Processes	Mineral Products	Asphalt Concrete	Truck Load-out	NOx		0.00094783	0.001017114	0.001086459	0.001202085	0.001317711
21117	Point	30500257	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Mix Plant: Rotary Drum Dryer / Mixer, Natural Gas, Counterflow	NOx	0.005789978	9.53776E-06	1.02349E-05	1.09327E-05	1.20963E-05	1.32598E-05
21117	Point	30500260	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Mix Plant: Rotary Drum Dryer / Mixer, #2 Oil-Fired, Counterflow	NOx	0	0.0100523	0.007325127	0.005579023	0.003486407	0.001393792
21117	Point	30500263	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Mix Pl: Rotary Drum Dryer/Mixer, Waste/Drain/#6 Oil, Counterflow	NOx	0	0.00088052	0.000722268	0.000657075	0.000625968	0.000594861
21117	Point	30501305	Industrial Processes	Mineral Products	Frit Manufacture	Rotary Smelting Furnace	NOx	8.06386E-05	2.85481E-05	2.74847E-05	2.77367E-05	2.9253E-05	3.07692E-05
21117	Point	30510498	Industrial Processes	Mineral Products	Bulk Materials Unloading Operation	Mineral: Specify in Comments	NOx		4.18587E-06	3.88923E-06	3.84834E-06	3.9933E-06	4.13827E-06
21117	Point	30600103	Industrial Processes	Petroleum Industry	Process Heaters	Oil-fired	NOx	0	0.00045724	0.000447937	0.000456809	0.000486743	0.000516677
21117	Point	30600105	Industrial Processes	Petroleum Industry	Process Heaters	Natural Gas-fired	NOx	2.76701E-06	6.39016E-05	5.92339E-05	5.87172E-05	6.13149E-05	6.39127E-05
21117	Point	30600812	Industrial Processes	Petroleum Industry	Fugitive Emissions	Pipeline Valves: Light Liquid/Gas Streams	NOx		0.027195746	0.020508077	0.015935906	0.010078537	0.004221167
21117	Point	30600816	Industrial Processes	Petroleum Industry	Fugitive Emissions	Flanges: All Streams	NOx		0.002388034	0.001953358	0.001763082	0.001649623	0.001536164
21117	Point	30600817	Industrial Processes	Petroleum Industry	Fugitive Emissions	Pump Seals: Light Liquid/Gas Streams	NOx		0.027773192	0.019942084	0.014283729	0.006663763	0.00056779
21117	Point	30899999	Industrial Processes	Rubber and Miscellaneous Plastics Products	Other Not Specified	Other Not Classified	NOx		0.001970417	0.001805542	0.001751496	0.001753776	0.001756057
21117	Point	39000605	Industrial Processes	In-process Fuel Use	Natural Gas	Metal Melting **	NOx	6.29085E-06	0.001773775	0.001412086	0.001138745	0.000756798	0.000374852
21117	Point	39000699	Industrial Processes	In-process Fuel Use	Natural Gas	General	NOx	0.010512037	0.000163183	0.000137414	0.000123575	0.000110451	9.73277E-05
21117	Point	39000999	Industrial Processes	In-process Fuel Use	Wood	General: Wood	NOx	0	0.001361373	0.00117161	0.001006778	0.000752834	0.00049889
21117	Point	39999994	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		0.000110862	9.47199E-05	8.53611E-05	7.54157E-05	6.54704E-05
21117	Point	39999995	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		0.004387682	0.004313298	0.004328495	0.004428473	0.004528452

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Point	39999996	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		0.000483905	0.000433964	0.000418016	0.000419762	0.000421507
21117	Point	39999997	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx		0.015434659	0.013396557	0.011911442	0.009897073	0.007882704
21117	Point	39999999	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	NOx	0.180543301	0.001334068	0.001080067	0.000931139	0.000770484	0.000609829
21117	Point	40100198	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Dry Cleaning	Other Not Classified	NOx		0.018215633	0.015949602	0.013781153	0.010248389	0.006715625
21117	Point	40100251	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Degreasing	Stoddard (Petroleum Solvent): General Degreasing Units	NOx		0.001493481	0.001307709	0.001167925	0.000973273	0.000778621
21117	Point	40188898	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Fugitive Emissions	Specify in Comments Field	NOx		0.086703921	0.0556607	0.038513539	0.021514988	0.004516436
21117	Point	40200601	Petroleum and Solvent Evaporation	Surface Coating Operations	Surface Coating Application - General	Primer	NOx		0.007797569	0.006626706	0.006297786	0.006451205	0.006604623
21117	Point	40201001	Petroleum and Solvent Evaporation	Surface Coating Operations	Coating Oven Heater	Natural Gas	NOx	0.000254466	0.001101212	0.000967539	0.000869178	0.000734668	0.000600159
21117	Point	40202503	Petroleum and Solvent Evaporation	Surface Coating Operations	Miscellaneous Metal Parts	Coating Mixing	NOx		9.84919E-05	7.99422E-05	6.93184E-05	5.8217E-05	4.71156E-05
21117	Point	40299998	Petroleum and Solvent Evaporation	Surface Coating Operations	Miscellaneous	Specify in Comments Field	NOx		0.000732339	0.000663831	0.00059952	0.000495831	0.000392141
21117	Point	40301002	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Gasoline RVP 10: Breathing Loss (67000 Bbl. Tank Size)	NOx		8.05463E-05	7.21623E-05	6.53699E-05	5.53755E-05	4.5381E-05
21117	Point	40301008	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Gasoline RVP 10: Working Loss (Tank Diameter Independent)	NOx		0.02676572	0.019697159	0.014454415	0.007238021	2.1627E-05
21117	Point	40301016	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)	NOx		0.002025995	0.001750933	0.001625162	0.001539952	0.001454742
21117	Point	40301018	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Working Loss (Tank Diameter Independent)	NOx		0.021515743	0.013840547	0.009209637	0.004028356	0.000919588

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Point	40301019	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Distillate Fuel #2: Breathing Loss (67000 Bbl. Tank Size)	NOx		0.001973966	0.001680829	0.001588309	0.001601288	0.001614267
21117	Point	40301021	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Distillate Fuel #2: Working Loss (Tank Diameter Independent)	NOx		0.09390122	0.071855117	0.063606703	0.061357421	0.059108139
21117	Point	40388801	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fugitive Emissions	Specify in Comments Field	NOx		0.006677274	0.006440578	0.006136772	0.005574504	0.005012237
21117	Point	40399999	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Other Not Classified	See Comment **	NOx		0.005265285	0.004197395	0.003400694	0.002298852	0.001197009
21117	Point	40400121	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Diesel Fuel: Standing Loss (Diameter Independent) - Fixed Roof Tank	NOx		0.00038951	0.000328021	0.000297564	0.000272662	0.00024776
21117	Point	40400122	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Diesel Fuel: Working Loss (Diameter Independent) - Fixed Roof Tank	NOx		0.037190803	0.028285482	0.021375348	0.011521112	0.001666877
21117	Point	40400148	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Gasoline RVP 13/10/7: Withdrawal Loss - Ext. Float Roof (Pri/Sec Seal)	NOx		0.00349374	0.002788686	0.002414949	0.00206815	0.001721352
21117	Point	40400149	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Specify Liquid: External Floating Roof (Primary/Secondary Seal)	NOx		0.128648512	0.098146436	0.075381605	0.043887923	0.012394242
21117	Point	40400150	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Miscellaneous Losses/Leaks: Loading Racks	NOx		0.009890042	0.008586307	0.007942156	0.007418225	0.006894295
21117	Point	40400151	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Valves, Flanges, and Pumps	NOx		0.098002181	0.082905456	0.068888601	0.046427066	0.023965531
21117	Point	40400153	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Vapor Control Unit Losses	NOx		0.019202639	0.01546833	0.012548304	0.008360164	0.004172024

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Point	40400179	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Specify Liquid: Internal Floating Roof (Primary/Secondary Seal)	NOx		0.104150163	0.074875456	0.055720388	0.032228308	0.008736227
21117	Point	40400199	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	See Comment **	NOx		0.008186243	0.00716227	0.006753731	0.006585695	0.006417658
21117	Point	40400412	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Jet Kerosene: Working Loss	NOx		0.072817919	0.067437162	0.06235018	0.054116691	0.045883202
21117	Point	40400413	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Distillate Fuel #2: Breathing Loss	NOx		0.017257178	0.014172235	0.011686196	0.008041885	0.004397575
21117	Point	40400414	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Distillate Fuel #2: Working Loss	NOx		0.014863067	0.012144732	0.010175905	0.007519119	0.004862332
21117	Point	40400498	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Specify Liquid: Working Loss	NOx		0.001016841	0.0009105	0.000847875	0.000779931	0.000711987
21117	Point	40600126	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Submerged Loading **	NOx		0.000236325	0.000219009	0.000202787	0.000176664	0.00015054
21117	Point	40600131	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Submerged Loading (Normal Service)	NOx	0.004030914	5.98398E-05	4.99205E-05	4.16046E-05	2.90807E-05	1.65568E-05
21117	Point	40600134	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Kerosene: Submerged Loading (Normal Services)	NOx	1.4595E-08	0.014443578	0.011716366	0.009360062	0.005741978	0.002123894
21117	Point	40600135	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Distillate Oil: Submerged Loading (Normal Service)	NOx		0.001069768	0.000917481	0.00083537	0.000756996	0.000678623
21117	Point	40600136	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Splash Loading (Normal Service)	NOx		0.002549812	0.002395446	0.002251624	0.002020709	0.001789793
21117	Point	40600163	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Return with Vapor (Transit Losses)	NOx		0.000627549	0.000539035	0.000453417	0.000313135	0.000172853

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Point	40600251	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Marine Vessels	Distillate Oil: Loading Barges	NOx		0.017426352	0.011612228	0.009600216	0.009415287	0.009230358
21117	Point	40600301	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Splash Filling	NOx		0.001522763	0.001254497	0.00120393	0.001301067	0.001398205
21117	Point	40600306	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Balanced Submerged Filling	NOx		0.009416294	0.006579219	0.004908908	0.003097361	0.001285815
21117	Point	40600307	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Underground Tank Breathing and Emptying	NOx		0.00082346	0.000672264	0.000618109	0.000608718	0.000599327
21117	Point	40600401	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Vapor Loss w/o Controls	NOx		0.011313122	0.008510933	0.006374689	0.003369238	0.000363787
21117	Point	40600402	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Liquid Spill Loss w/o Controls	NOx		0.000970854	0.000812904	0.000728778	0.000650086	0.000571395
21117	Point	40700810	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Alcohols	Ethyl Alcohol: Working Loss	NOx		0.000648084	0.000568871	0.000494392	0.000374206	0.00025402
21117	Point	40714697	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Miscellaneous	Specify In Comments: Breathing Loss	NOx		0.000113854	9.76076E-05	8.34149E-05	6.14722E-05	3.95295E-05
21117	Point	40714698	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Miscellaneous	Specify In Comments: Working Loss	NOx		0.049892577	0.046847899	0.047252176	0.0508001	0.054348024
21117	Point	40899999	Petroleum and Solvent Evaporation	Organic Chemical Transportation	Specific Liquid	Loading Rack	NOx		0.003629979	0.002912017	0.002670025	0.002663349	0.002656672
21117	Point	49099998	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Miscellaneous Volatile Organic Compound Evaporation	Identify the Process and Solvent in Comments	NOx		0.008229118	0.004802451	0.003176115	0.001965829	0.000755543
21117	Point	64520011	MACT Source Categories	Miscellaneous Resins	Alkyd Resin Production, Solvent Process	Polymerization Reaction: Kettle	NOx		0.000816034	0.000688048	0.000662074	0.000703794	0.000745514
21117	Point	64520020	MACT Source Categories	Miscellaneous Resins	Alkyd Resin Production, Solvent Process	Product Finishing	NOx		2.57865E-06	2.60223E-06	2.6103E-06	2.61081E-06	2.61133E-06
21117	Point	64520021	MACT Source Categories	Miscellaneous Resins	Alkyd Resin Production, Solvent Process	Product Finishing: Thinning Vessels	NOx		3.95934E-07	3.71323E-07	3.44743E-07	2.98804E-07	2.52864E-07
21117	**Point**					**TOTAL**	**NOx**	**0.395206**	**1.017077**	**0.796001**	**0.654261**	**0.484142**	**0.317619**

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	EGU	20100102	Internal Combustion Engines	Electric Generation	Distillate Oil (Diesel)	Reciprocating	VOC	4.54956E-05	0.000564259	0.000505264	0.000439717	0.000325011	0.000210305
21117	**EGU**					**TOTAL**	**VOC**	**4.549558E-05**	**5.642589E-04**	**5.052645E-04**	**4.397172E-04**	**3.250109E-04**	**2.103047E-04**
21117	Nonpoint	2104001000	Stationary Source Fuel Combustion	Residential	Anthracite Coal	Total: All Combustor Types	VOC	3.39433E-08	4.49321E-05	4.08309E-05	3.79782E-05	3.4264E-05	3.05499E-05
21117	Nonpoint	2104002000	Stationary Source Fuel Combustion	Residential	Bituminous/Subbituminous Coal	Total: All Combustor Types	VOC	1.69377E-05	0.015068473	0.015141285	0.015367236	0.015871436	0.016375636
21117	Nonpoint	2104004000	Stationary Source Fuel Combustion	Residential	Distillate Oil	Total: All Combustor Types	VOC	0.000311912	0.001609048	0.00143671	0.001358149	0.001305361	0.001252572
21117	Nonpoint	2104006000	Stationary Source Fuel Combustion	Residential	Natural Gas	Total: All Combustor Types	VOC	0.007823051	0.003107672	0.003237221	0.00342455	0.003784914	0.004145278
21117	Nonpoint	2104007000	Stationary Source Fuel Combustion	Residential	Liquified Petroleum Gas (LPG)	Total: All Combustor Types	VOC	0.001402083	0.000364182	0.000352593	0.000362073	0.000395431	0.000428788
21117	Nonpoint	2104008100	Stationary Source Fuel Combustion	Residential	Wood	Fireplace: general	VOC	0.117215414	0.020406075	0.01842813	0.016233197	0.01239415	0.008555103
21117	Nonpoint	2104008210	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; non-EPA certified	VOC	0.150664216	0.001894157	0.00171027	0.001562089	0.001344876	0.001127664
21117	Nonpoint	2104008220	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; non-catalytic	VOC	0.010879412	0.001810417	0.001523613	0.001372652	0.001234254	0.001095856
21117	Nonpoint	2104008230	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: fireplace inserts; EPA certified; catalytic	VOC	0.004522685	0.000146349	0.000126193	0.000120943	0.000124615	0.000128287
21117	Nonpoint	2104008310	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, non-EPA certified	VOC	0.120531318	5.91027E-05	5.83261E-05	5.77047E-05	5.67986E-05	5.58924E-05
21117	Nonpoint	2104008320	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, non-catalytic	VOC	0.008708524	6.8876E-06	6.30854E-06	5.88418E-06	5.3058E-06	4.72743E-06
21117	Nonpoint	2104008330	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: freestanding, EPA certified, catalytic	VOC	0.003618164	1.0586E-06	1.08469E-06	1.13129E-06	1.22604E-06	1.32079E-06

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21117	Nonpoint	2104008400	Stationary Source Fuel Combustion	Residential	Wood	Woodstove: pellet-fired, general (freestanding or FP insert)	VOC	9.04412E-06	1.54392E-07	1.5102E-07	1.54778E-07	1.66986E-07	1.79193E-07
21117	Nonpoint	2104008510	Stationary Source Fuel Combustion	Residential	Wood	Furnace: Indoor, cordwood-fired, non-EPA certified	VOC	0.009193573	0.045786757	0.038441529	0.032027581	0.022113735	0.012199888
21117	Nonpoint	2104008610	Stationary Source Fuel Combustion	Residential	Wood	Hydronic heater: outdoor	VOC	0	0.00420341	0.00350021	0.003040176	0.002476091	0.001912007
21117	Nonpoint	2104008700	Stationary Source Fuel Combustion	Residential	Wood	Outdoor wood burning device, NEC (fire-pits, chimeas, etc)	VOC	0.002027413	0.004920308	0.004250036	0.003612386	0.002576818	0.001541251
21117	Nonpoint	2104009000	Stationary Source Fuel Combustion	Residential	Firelog	Total: All Combustor Types	VOC	0.013286846	0.00043303	0.000383436	0.000343918	0.000286452	0.000228987
21117	Nonpoint	2104011000	Stationary Source Fuel Combustion	Residential	Kerosene	Total: All Heater Types	VOC	0.000263469	2.57565E-05	2.38355E-05	2.18865E-05	1.86147E-05	1.53429E-05
21117	Nonpoint	2285002006	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives: Class I Operations	VOC	0.07190765	3.56768E-06	3.02168E-06	2.58455E-06	1.94673E-06	1.3089E-06
21117	Nonpoint	2302002100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Conveyorized Charbroiling	VOC	0.003191776	4.74987E-06	4.10032E-06	3.45333E-06	2.37715E-06	1.30097E-06
21117	Nonpoint	2302002200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Charbroiling	Under-fired Charbroiling	VOC	0.009379357	6.1059E-07	5.12356E-07	4.35085E-07	3.2377E-07	2.12454E-07
21117	Nonpoint	2302003000	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Deep Fat Fying	VOC	0.001539894	0.000390212	0.000343222	0.000295658	0.000215906	0.000136154
21117	Nonpoint	2302003100	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Flat Griddle Frying	VOC	0.001287911	4.71052E-05	3.93774E-05	3.38335E-05	2.64138E-05	1.8994E-05
21117	Nonpoint	2302003200	Industrial Processes	Food and Kindred Products: SIC 20	Commercial Cooking - Frying	Clamshell Griddle Frying	VOC	2.79981E-05	5.20567E-07	4.57372E-07	3.93762E-07	2.87397E-07	1.81033E-07
21117	Nonpoint	2310000220	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Drill Rigs	VOC	0	4.64093E-08	4.01589E-08	3.58142E-08	3.01609E-08	2.45076E-08
21117	Nonpoint	2310000330	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Artificial Lift	VOC	0	0.00037077	0.000328712	0.000287546	0.00021968	0.000151814

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonpoint	2310000550	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Produced Water	VOC	0	4.18439E-05	3.70863E-05	3.26805E-05	2.56307E-05	1.85809E-05
21117	Nonpoint	2310000660	Industrial Processes	Oil and Gas Exploration and Production	All Processes	Hydraulic Fracturing Engines	VOC	0	0.000978428	0.00082967	0.00069318	0.000475922	0.000258664
21117	Nonpoint	2310010100	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Heaters	VOC	0	9.67876E-05	8.08002E-05	6.98416E-05	5.57681E-05	4.16946E-05
21117	Nonpoint	2310010200	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Tanks - Flashing & Standing/Working/Breathing	VOC	0	0.000479764	0.000380157	0.000297037	0.000172242	4.74482E-05
21117	Nonpoint	2310010300	Industrial Processes	Oil and Gas Exploration and Production	Crude Petroleum	Oil Well Pneumatic Devices	VOC	0	4.47294E-05	3.64351E-05	3.12881E-05	2.53326E-05	1.9377E-05
21117	Nonpoint	2310011000	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Total: All Processes	VOC	0	0.047544035	0.044228581	0.040932667	0.035455762	0.029978856
21117	Nonpoint	2310011201	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Tank Truck/Railcar Loading: Crude Oil	VOC	0	0.005323938	0.004621749	0.004119447	0.003448849	0.002778251
21117	Nonpoint	2310011501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Connectors	VOC	0	0.011167721	0.010332091	0.009475862	0.008031647	0.006587432
21117	Nonpoint	2310011502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Flanges	VOC	0	0.001218925	0.001081461	0.000973468	0.000818037	0.000662606
21117	Nonpoint	2310011503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Open Ended Lines	VOC	0	0.023624496	0.019694609	0.016548546	0.011958295	0.007368043
21117	Nonpoint	2310011505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Production	Fugitives: Valves	VOC	0	0.002096427	0.001727642	0.001507986	0.001266165	0.001024345
21117	Nonpoint	2310021010	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Storage Tanks: Condensate	VOC	0	0.014655771	0.014011128	0.01343378	0.012527612	0.011621444
21117	Nonpoint	2310021030	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Tank Truck/Railcar Loading: Condensate	VOC	0	0.003593173	0.002875448	0.002340855	0.001602479	0.000864103
21117	Nonpoint	2310021100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Heaters	VOC	0	0.001583601	0.001478114	0.001365434	0.00117164	0.000977847
21117	Nonpoint	2310021202	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Lean Burn Compressor Engines 50 To 499 HP	VOC	0	0.000182886	0.000164796	0.000148736	0.000123664	9.85911E-05

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonpoint	2310021251	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Lean Burn	VOC	0	0.000853485	0.000732018	0.000637101	0.00050103	0.000364958
21117	Nonpoint	2310021300	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Pneumatic Devices	VOC	0	7.66215E-05	6.41436E-05	5.67715E-05	4.87394E-05	4.07073E-05
21117	Nonpoint	2310021302	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Natural Gas Fired 4Cycle Rich Burn Compressor Engines 50 To 499 HP	VOC	0	2.70047E-05	1.4319E-05	8.18316E-06	3.41493E-06	5.53987E-07
21117	Nonpoint	2310021351	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Lateral Compressors 4 Cycle Rich Burn	VOC	0	2.50069E-06	1.94395E-06	1.70084E-06	1.55705E-06	1.41325E-06
21117	Nonpoint	2310021400	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Dehydrators	VOC	0	1.58965E-05	1.60307E-05	1.62178E-05	1.65737E-05	1.69297E-05
21117	Nonpoint	2310021501	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Connectors	VOC	0	3.68001E-05	3.71107E-05	3.75439E-05	3.8368E-05	3.91921E-05
21117	Nonpoint	2310021502	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Flanges	VOC	0	5.87737E-05	5.92698E-05	5.99616E-05	6.12778E-05	6.25939E-05
21117	Nonpoint	2310021503	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Open Ended Lines	VOC	0	0.000125172	0.000126228	0.000127702	0.000130505	0.000133308
21117	Nonpoint	2310021505	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Valves	VOC	0	0.005093725	0.0054171	0.005580547	0.005719687	0.005858826
21117	Nonpoint	2310021506	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Fugitives: Other	VOC	0	0.049008969	0.036874863	0.028682626	0.01831379	0.007944954
21117	Nonpoint	2310021603	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Production	Gas Well Venting - Blowdowns	VOC	0	0.002158153	0.002402847	0.002549622	0.002712647	0.002875673
21117	Nonpoint	2310111100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Mud Degassing	VOC	0	0.011498948	0.00723058	0.005224116	0.003764929	0.002305743
21117	Nonpoint	2310111401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Oil Exploration	Oil Well Pneumatic Pumps	VOC	0	0.006505921	0.00582405	0.005050128	0.003683549	0.00231697
21117	Nonpoint	2310121100	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Mud Degassing	VOC	0	0.006096017	0.005445156	0.004935234	0.004202814	0.003470394
21117	Nonpoint	2310121401	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Pneumatic Pumps	VOC	0	0.006127515	0.00607523	0.006006615	0.005878648	0.00575068
21117	Nonpoint	2310121700	Industrial Processes	Oil and Gas Exploration and Production	On-Shore Gas Exploration	Gas Well Completion: All Processes	VOC	0	0.000299694	0.000320668	0.000340804	0.000373665	0.000406526
21117	Nonpoint	2401001000	Solvent Utilization	Surface Coating	Architectural Coatings	Total: All Solvent Types	VOC	0.509828996	1.64795E-05	1.55811E-05	1.47796E-05	1.35247E-05	1.22697E-05

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonpoint	2401005000	Solvent Utilization	Surface Coating	Auto Refinishing: SIC 7532	Total: All Solvent Types	VOC	0.034306645	3.0736E-06	2.67554E-06	2.46908E-06	2.28465E-06	2.10022E-06
21117	Nonpoint	2401008000	Solvent Utilization	Surface Coating	Traffic Markings	Total: All Solvent Types	VOC	0.000329937	1.435929731	1.435929731	1.435929731	1.435929731	1.435929731
21117	Nonpoint	2401015000	Solvent Utilization	Surface Coating	Factory Finished Wood: SIC 2426 thru 242	Total: All Solvent Types	VOC	0.003266353	0.07190765	0.07190765	0.07190765	0.07190765	0.07190765
21117	Nonpoint	2401020000	Solvent Utilization	Surface Coating	Wood Furniture: SIC 25	Total: All Solvent Types	VOC	0.011590312	0.0080745	0.007095047	0.006131516	0.0045389	0.002946283
21117	Nonpoint	2401030000	Solvent Utilization	Surface Coating	Paper: SIC 26	Total: All Solvent Types	VOC	0.039165733	0.001360155	0.001159147	0.000991999	0.000741638	0.000491276
21117	Nonpoint	2401055000	Solvent Utilization	Surface Coating	Machinery and Equipment: SIC 35	Total: All Solvent Types	VOC	0.004988669	0.000135528	0.000103722	9.33705E-05	9.39973E-05	9.46242E-05
21117	Nonpoint	2401065000	Solvent Utilization	Surface Coating	Electronic and Other Electrical: SIC 36 - 363	Total: All Solvent Types	VOC	0.000219697	0.000337369	0.000275071	0.0002591	0.000271085	0.00028307
21117	Nonpoint	2401070000	Solvent Utilization	Surface Coating	Motor Vehicles: SIC 371	Total: All Solvent Types	VOC	0.017831767	1.04414E-05	6.65425E-06	4.7539E-06	3.15901E-06	1.56411E-06
21117	Nonpoint	2401085000	Solvent Utilization	Surface Coating	Railroad: SIC 374	Total: All Solvent Types	VOC	0.026828981	2.83465E-06	1.69985E-06	1.10054E-06	5.47947E-07	1.0587E-07
21117	Nonpoint	2401090000	Solvent Utilization	Surface Coating	Miscellaneous Manufacturing	Total: All Solvent Types	VOC	0.021676196	0	0	0		0
21117	Nonpoint	2401100000	Solvent Utilization	Surface Coating	Industrial Maintenance Coatings	Total: All Solvent Types	VOC	0.131247564	0.003191776	0.003191776	0.003191776	0.003191776	0.003191776
21117	Nonpoint	2401200000	Solvent Utilization	Surface Coating	Other Special Purpose Coatings	Total: All Solvent Types	VOC	0.013927291	0	0	0		0
21117	Nonpoint	2415000000	Solvent Utilization	Degreasing	All Processes/All Industries	Total: All Solvent Types	VOC	0.25879503	0.009379357	0.009379357	0.009379357	0.009379357	0.009379357
21117	Nonpoint	2420000000	Solvent Utilization	Dry Cleaning	All Processes	Total: All Solvent Types	VOC	0.004951089	0	0	0		0
21117	Nonpoint	2460100000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Personal Care Products	Total: All Solvent Types	VOC	0.413218954	0.001539894	0.001539894	0.001539894	0.001539894	0.001539894
21117	Nonpoint	2460200000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Household Products	Total: All Solvent Types	VOC	0.391470588	0	0	0		0
21117	Nonpoint	2460400000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Automotive Aftermarket Products	Total: All Solvent Types	VOC	0.295777505	0.001287911	0.001287911	0.001287911	0.001287911	0.001287911
21117	Nonpoint	2460500000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Coatings and Related Products	Total: All Solvent Types	VOC	0.206609477	0	0	0		0
21117	Nonpoint	2460600000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All Adhesives and Sealants	Total: All Solvent Types	VOC	0.123965686	2.79981E-05	2.79981E-05	2.79981E-05	2.79981E-05	2.79981E-05

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutan...	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerd...	2030 Summerday
21117	Nonpoint	2460800000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	All FIFRA Related Products	Total: All Solvent Types	VOC	0.38712146	0	0	0	0	0
21117	Nonpoint	2460900000	Solvent Utilization	Miscellaneous Non-industrial: Consumer and Commercial	Miscellaneous Products (Not Otherwise Covered)	Total: All Solvent Types	VOC	0.015223856	0	0	0	0	0
21117	Nonpoint	2461021000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Cutback Asphalt	Total: All Solvent Types	VOC	0.012045754	0	0	0	0	0
21117	Nonpoint	2461022000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Emulsified Asphalt	Total: All Solvent Types	VOC	0.044565343	0	0	0	0	0
21117	Nonpoint	2461850000	Solvent Utilization	Miscellaneous Non-industrial: Commercial	Pesticide Application: Agricultural	All Processes	VOC	0.008424525	0	0	0		0
21117	Nonpoint	2501011011	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Permeation	VOC	0.110407952	0	0	0	0	0
21117	Nonpoint	2501011012	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Evaporation (includes Diurnal losses)	VOC	0.215567538	0	0	0	0	0
21117	Nonpoint	2501011014	Storage and Transport	Petroleum and Petroleum Product Storage	Residential Portable Gas Cans	Refilling at the Pump - Vapor Displacement	VOC	0.006417892	0	0	0	0	0
21117	Nonpoint	2501012011	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Permeation	VOC	0.003526443	0	0	0	0	0
21117	Nonpoint	2501012012	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Evaporation (includes Diurnal losses)	VOC	0.006885267	0	0	0	0	0
21117	Nonpoint	2501012014	Storage and Transport	Petroleum and Petroleum Product Storage	Commercial Portable Gas Cans	Refilling at the Pump - Vapor Displacement	VOC	0.012368709	0	0	0	0	0
21117	Nonpoint	2501050120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Terminals: All Evaporative Losses	Gasoline	VOC	0.148149782	0	0	0	0	0
21117	Nonpoint	2501055120	Storage and Transport	Petroleum and Petroleum Product Storage	Bulk Plants: All Evaporative Losses	Gasoline	VOC	0.094595316	0	0	0		0
21117	Nonpoint	2501060051	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Submerged Filling	VOC	0	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonpoint	2501060052	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Splash Filling	VOC	0.25901988	0	0	0	0	0
21117	Nonpoint	2501060053	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Stage 1: Balanced Submerged Filling	VOC	0.049545752	0	0	0	0	0
21117	Nonpoint	2501060201	Storage and Transport	Petroleum and Petroleum Product Storage	Gasoline Service Stations	Underground Tank: Breathing and Emptying	VOC	0.099848856	0	0	0		0
21117	Nonpoint	2501080050	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 1: Total	VOC	0.000608679	0	0	0	0	0
21117	Nonpoint	2501080100	Storage and Transport	Petroleum and Petroleum Product Storage	Airports : Aviation Gasoline	Stage 2: Total	VOC	3.15839E-05	0	0	0		0
21117	Nonpoint	2505040120	Storage and Transport	Petroleum and Petroleum Product Transport	Pipeline	Gasoline	VOC	0.103284586	0	0	0	0	0
21117	Nonpoint	2630020000	Waste Disposal, Treatment, and Recovery	Wastewater Treatment	Public Owned	Total Processed	VOC	0.008143791	0	0	0		0
21117	Nonpoint	2810060100	Miscellaneous Area Sources	Other Combustion	Cremation	Humans	VOC	5.72092E-06	0	0	0	0	0
21117	**Nonpoint**					**TOTAL**	**VOC**	**4.633594**	**1.834528**	**1.793526**	**1.761623**	**1.716031**	**1.670442**
21117	Nonroad	2260002006	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Tampers/Rammers	VOC	0.006325287	0	0	0		0
21117	Nonroad	2260002009	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Plate Compactors	VOC	0.000228432	0	0	0	0	0
21117	Nonroad	2260002021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Paving Equipment	VOC	0.000271992	0	0	0		0
21117	Nonroad	2260002027	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	2.23904E-06	0	0	0	0	0
21117	Nonroad	2260002039	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	0.01608463	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2260002054	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	5.53073E-05	0	0	0	0	0
21117	Nonroad	2260003030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Sweepers/Scrubbers	VOC	4.66958E-05	0	0	0		0
21117	Nonroad	2260003040	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Industrial Equipment	Other General Industrial Equipment	VOC	3.56867E-06	0	0	0	0	0
21117	Nonroad	2260004015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	VOC	0.001402799	0	0	0	0	0
21117	Nonroad	2260004016	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	VOC	0.003500868	0	0	0	0	0
21117	Nonroad	2260004020	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Residential)	VOC	0.020801604	0	0	0	0	0
21117	Nonroad	2260004021	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Chain Saws < 6 HP (Commercial)	VOC	0.077992129	0	0	0	0	0
21117	Nonroad	2260004025	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	VOC	0.026290204	0	0	0	0	0
21117	Nonroad	2260004026	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	VOC	0.040033629	0	0	0	0	0
21117	Nonroad	2260004030	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	VOC	0.017180345	0	0	0		0
21117	Nonroad	2260004031	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	0.039598993	0	0	0	0	0
21117	Nonroad	2260004035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	VOC	0.025914535	0	0	0	0	0
21117	Nonroad	2260004036	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	0.038074455	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2260004071	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	1.22976E-05	0	0	0	0	0
21117	Nonroad	2260005035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Agricultural Equipment	Sprayers	VOC	3.71968E-05	0	0	0	0	0
21117	Nonroad	2260006005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Generator Sets	VOC	0.002005245	0	0	0	0	0
21117	Nonroad	2260006010	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Pumps	VOC	0.01419596	0	0	0	0	0
21117	Nonroad	2260006015	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Air Compressors	VOC	5.06286E-06	0	0	0		0
21117	Nonroad	2260006035	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Commercial Equipment	Hydro-power Units	VOC	7.12502E-05	0	0	0	0	0
21117	Nonroad	2260007005	Mobile Sources	Off-highway Vehicle Gasoline, 2-Stroke	Logging Equipment	Chain Saws : 6 HP	VOC	2.05897E-05	0	0	0		0
21117	Nonroad	2265001050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Recreational Equipment	Golf Carts	VOC	0.010389155	0	0	0	0	0
21117	Nonroad	2265002003	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Pavers	VOC	0.000465927	0	0	0		0
21117	Nonroad	2265002006	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tampers/Rammers	VOC	4.25585E-06	0	0	0	0	0
21117	Nonroad	2265002009	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Plate Compactors	VOC	0.001619691	0	0	0		0
21117	Nonroad	2265002015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rollers	VOC	0.00074218	0	0	0	0	0
21117	Nonroad	2265002021	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Paving Equipment	VOC	0.002419454	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2265002024	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Surfacing Equipment	VOC	0.000922809	0	0	0	0	0
21117	Nonroad	2265002027	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	5.45926E-05	0	0	0	0	0
21117	Nonroad	2265002030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Trenchers	VOC	0.00173743	0	0	0	0	0
21117	Nonroad	2265002033	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Bore/Drill Rigs	VOC	0.000996702	0	0	0	0	0
21117	Nonroad	2265002039	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	0.002668865	0	0	0	0	0
21117	Nonroad	2265002042	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cement and Mortar Mixers	VOC	0.002930542	0	0	0	0	0
21117	Nonroad	2265002045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Cranes	VOC	9.90116E-05	0	0	0	0	0
21117	Nonroad	2265002054	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	0.000241968	0	0	0	0	0
21117	Nonroad	2265002057	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	0.000115028	0	0	0	0	0
21117	Nonroad	2265002060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Rubber Tire Loaders	VOC	0.000179525	0	0	0	0	0
21117	Nonroad	2265002066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	0.000954636	0	0	0	0	0
21117	Nonroad	2265002072	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Skid Steer Loaders	VOC	0.000622686	0	0	0	0	0
21117	Nonroad	2265002078	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Dumpers/Tenders	VOC	0.000422563	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2265002081	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Construction and Mining Equipment	Other Construction Equipment	VOC	0.000135615	0	0	0		0
21117	Nonroad	2265003010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Aerial Lifts	VOC	0.000825444	0.509828996	0.509828996	0.509828996	0.509828996	0.509828996
21117	Nonroad	2265003020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Forklifts	VOC	0.001268685	0	0	0		0
21117	Nonroad	2265003030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Sweepers/Scrubbers	VOC	0.000421243	0.034306645	0.034306645	0.034306645	0.034306645	0.034306645
21117	Nonroad	2265003040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other General Industrial Equipment	VOC	0.00193217	0	0	0		0
21117	Nonroad	2265003050	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Other Material Handling Equipment	VOC	5.60898E-05	0.000329937	0.000329937	0.000329937	0.000329937	0.000329937
21117	Nonroad	2265003060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	AC\Refrigeration	VOC	3.52801E-05	0	0	0		0
21117	Nonroad	2265003070	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Industrial Equipment	Terminal Tractors	VOC	3.35787E-05	0.003266353	0.003266353	0.003266353	0.003266353	0.003266353
21117	Nonroad	2265004010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Residential)	VOC	0.120270325	0	0	0		0
21117	Nonroad	2265004011	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn Mowers (Commercial)	VOC	0.040857316	0.011590312	0.011590312	0.011590312	0.011590312	0.011590312
21117	Nonroad	2265004015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Residential)	VOC	0.010183664	0	0	0		0
21117	Nonroad	2265004016	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rotary Tillers < 6 HP (Commercial)	VOC	0.024510803	0.039165733	0.039165733	0.039165733	0.039165733	0.039165733
21117	Nonroad	2265004025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Residential)	VOC	0.000629618	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2265004026	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Trimmers/Edgers/Brush Cutters (Commercial)	VOC	0.000834763	0.004988669	0.004988669	0.004988669	0.004988669	0.004988669
21117	Nonroad	2265004030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Residential)	VOC	0.0011231	0	0	0		0
21117	Nonroad	2265004031	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	0.017821523	0.000219697	0.000219697	0.000219697	0.000219697	0.000219697
21117	Nonroad	2265004035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Residential)	VOC	0.011386399	0	0	0		0
21117	Nonroad	2265004036	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	0.010478894	0.017831767	0.017831767	0.017831767	0.017831767	0.017831767
21117	Nonroad	2265004040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Residential)	VOC	0.011437147	0	0	0		0
21117	Nonroad	2265004041	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Rear Engine Riding Mowers (Commercial)	VOC	0.001780515	0.026828981	0.026828981	0.026828981	0.026828981	0.026828981
21117	Nonroad	2265004046	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Front Mowers (Commercial)	VOC	0.002708876	0	0	0		0
21117	Nonroad	2265004051	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Shredders < 6 HP (Commercial)	VOC	0.002962108	0.021676196	0.021676196	0.021676196	0.021676196	0.021676196
21117	Nonroad	2265004055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Residential)	VOC	0.120380391	0	0	0		0
21117	Nonroad	2265004056	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	VOC	0.022735656	0.131247564	0.131247564	0.131247564	0.131247564	0.131247564
21117	Nonroad	2265004066	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	0.002593331	0	0	0		0
21117	Nonroad	2265004071	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	0.079154248	0.013927291	0.013927291	0.013927291	0.013927291	0.013927291

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2265004075	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Residential)	VOC	0.007172299	0	0	0		0
21117	Nonroad	2265004076	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	VOC	0.006167856	0.25879503	0.25879503	0.25879503	0.25879503	0.25879503
21117	Nonroad	2265005010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	2-Wheel Tractors	VOC	1.45829E-05	0	0	0		0
21117	Nonroad	2265005015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Tractors	VOC	2.99024E-05	0.004951089	0.004951089	0.004951089	0.004951089	0.004951089
21117	Nonroad	2265005020	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Combines	VOC	3.67949E-07	0	0	0		0
21117	Nonroad	2265005025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Balers	VOC	4.85577E-05	0.413218954	0.413218954	0.413218954	0.413218954	0.413218954
21117	Nonroad	2265005030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Agricultural Mowers	VOC	1.44301E-05	0	0	0		0
21117	Nonroad	2265005035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Sprayers	VOC	0.000224538	0.391470588	0.391470588	0.391470588	0.391470588	0.391470588
21117	Nonroad	2265005040	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Tillers : 6 HP	VOC	0.00056608	0	0	0		0
21117	Nonroad	2265005045	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Swathers	VOC	6.81105E-05	0.295777505	0.295777505	0.295777505	0.295777505	0.295777505
21117	Nonroad	2265005055	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Other Agricultural Equipment	VOC	9.40472E-05	0	0	0		0
21117	Nonroad	2265005060	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Agricultural Equipment	Irrigation Sets	VOC	2.98157E-05	0.206609477	0.206609477	0.206609477	0.206609477	0.206609477
21117	Nonroad	2265006005	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Generator Sets	VOC	0.082443627	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerd	030 Summerday
21117	Nonroad	2265006010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pumps	VOC	0.022797018	0.123965686	0.123965686	0.123965686	0.123965686	0.123965686
21117	Nonroad	2265006015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Air Compressors	VOC	0.00935441	0	0	0		0
21117	Nonroad	2265006025	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Welders	VOC	0.015804137	0.38712146	0.38712146	0.38712146	0.38712146	0.38712146
21117	Nonroad	2265006030	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Pressure Washers	VOC	0.041314068	0	0	0		0
21117	Nonroad	2265006035	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Commercial Equipment	Hydro-power Units	VOC	0.001163628	0.015223856	0.015223856	0.015223856	0.015223856	0.015223856
21117	Nonroad	2265007010	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Shredders : 6 HP	VOC	5.57105E-06	0	0	0		0
21117	Nonroad	2265007015	Mobile Sources	Off-highway Vehicle Gasoline, 4-Stroke	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	VOC	7.51087E-08	0.012045754	0.012045754	0.012045754	0.012045754	0.012045754
21117	Nonroad	2267002003	Mobile Sources	LPG	Construction and Mining Equipment	Pavers	VOC	2.0234E-05	0	0	0		0
21117	Nonroad	2267002015	Mobile Sources	LPG	Construction and Mining Equipment	Rollers	VOC	1.83179E-05	0.044565343	0.044565343	0.044565343	0.044565343	0.044565343
21117	Nonroad	2267002021	Mobile Sources	LPG	Construction and Mining Equipment	Paving Equipment	VOC	8.3989E-06	0	0	0		0
21117	Nonroad	2267002024	Mobile Sources	LPG	Construction and Mining Equipment	Surfacing Equipment	VOC	3.26521E-06	0.008424525	0.008424525	0.008424525	0.008424525	0.008424525
21117	Nonroad	2267002030	Mobile Sources	LPG	Construction and Mining Equipment	Trenchers	VOC	6.54175E-05	0	0	0		0
21117	Nonroad	2267002033	Mobile Sources	LPG	Construction and Mining Equipment	Bore/Drill Rigs	VOC	3.89358E-05	0.070229169	0.030050385	0.017924255	0.021091248	0.024258241
21117	Nonroad	2267002039	Mobile Sources	LPG	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	1.89443E-05	0	0	0		0
21117	Nonroad	2267002045	Mobile Sources	LPG	Construction and Mining Equipment	Cranes	VOC	3.39159E-05	0.131191607	0.046815676	0.019268743	0.020714688	0.022160633

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2267002054	Mobile Sources	LPG	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	5.59375E-06	0	0	0		0
21117	Nonroad	2267002057	Mobile Sources	LPG	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	4.81744E-05	0.005015465	0.003613039	0.003403261	0.004047504	0.004691748
21117	Nonroad	2267002060	Mobile Sources	LPG	Construction and Mining Equipment	Rubber Tire Loaders	VOC	7.90706E-05	0	0	0		0
21117	Nonroad	2267002066	Mobile Sources	LPG	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	5.92633E-06	0.002327034	0.001127624	0.000765414	0.000859397	0.00095338
21117	Nonroad	2267002072	Mobile Sources	LPG	Construction and Mining Equipment	Skid Steer Loaders	VOC	0.000113152	0	0	0		0
21117	Nonroad	2267002081	Mobile Sources	LPG	Construction and Mining Equipment	Other Construction Equipment	VOC	5.3724E-05	0.004190284	0.001495302	0.000615448	0.000661632	0.000707816
21117	Nonroad	2267003010	Mobile Sources	LPG	Industrial Equipment	Aerial Lifts	VOC	0.000430807	0	0	0		0
21117	Nonroad	2267003020	Mobile Sources	LPG	Industrial Equipment	Forklifts	VOC	0.021245948	0.010951473	0.009534238	0.00938773	0.010202492	0.011017253
21117	Nonroad	2267003030	Mobile Sources	LPG	Industrial Equipment	Sweepers/Scrubbers	VOC	9.47954E-05	0	0	0		0
21117	Nonroad	2267003040	Mobile Sources	LPG	Industrial Equipment	Other General Industrial Equipment	VOC	3.73935E-05	0.145311656	0.142473529	0.136611631	0.12432199	0.11203235
21117	Nonroad	2267003050	Mobile Sources	LPG	Industrial Equipment	Other Material Handling Equipment	VOC	2.25403E-05	0	0	0		0
21117	Nonroad	2267003070	Mobile Sources	LPG	Industrial Equipment	Terminal Tractors	VOC	2.94639E-05	0.09278314	0.090970964	0.087228075	0.079381001	0.071533926
21117	Nonroad	2267004066	Mobile Sources	LPG	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	0.000236235	0	0	0		0
21117	Nonroad	2267005055	Mobile Sources	LPG	Agricultural Equipment	Other Agricultural Equipment	VOC	2.68566E-07	0	0	0	0	0
21117	Nonroad	2267005060	Mobile Sources	LPG	Agricultural Equipment	Irrigation Sets	VOC	5.62571E-08	0	0	0		0
21117	Nonroad	2267006005	Mobile Sources	LPG	Commercial Equipment	Generator Sets	VOC	0.001746229	0.254790456	0.250561031	0.240497133	0.218861909	0.197226684
21117	Nonroad	2267006010	Mobile Sources	LPG	Commercial Equipment	Pumps	VOC	0.000305218	0	0	0		0
21117	Nonroad	2267006015	Mobile Sources	LPG	Commercial Equipment	Air Compressors	VOC	0.000295007	0.04873674	0.047927729	0.04600269	0.041864268	0.037725847
21117	Nonroad	2267006025	Mobile Sources	LPG	Commercial Equipment	Welders	VOC	0.00052517	0	0	0		0
21117	Nonroad	2267006030	Mobile Sources	LPG	Commercial Equipment	Pressure Washers	VOC	9.25448E-06	0.098218467	0.096588078	0.092708574	0.084368471	0.076028368
21117	Nonroad	2267006035	Mobile Sources	LPG	Commercial Equipment	Hydro-power Units	VOC	3.49572E-06	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2268002081	Mobile Sources	CNG	Construction and Mining Equipment	Other Construction Equipment	VOC	1.30755E-07	0.000608679	0.000608679	0.000608679	0.000608679	0.000608679
21117	Nonroad	2268003020	Mobile Sources	CNG	Industrial Equipment	Forklifts	VOC	8.97444E-05	0	0	0		0
21117	Nonroad	2268003030	Mobile Sources	CNG	Industrial Equipment	Sweepers/Scrubbers	VOC	1.14515E-07	3.15839E-05	3.15839E-05	3.15839E-05	3.15839E-05	3.15839E-05
21117	Nonroad	2268003040	Mobile Sources	CNG	Industrial Equipment	Other General Industrial Equipment	VOC	5.41403E-08	0	0	0		0
21117	Nonroad	2268003060	Mobile Sources	CNG	Industrial Equipment	AC\Refrigeration	VOC	2.39525E-07	0.101305948	0.099327311	0.095240611	0.086672725	0.078104839
21117	Nonroad	2268003070	Mobile Sources	CNG	Industrial Equipment	Terminal Tractors	VOC	1.36059E-07	0	0	0		0
21117	Nonroad	2268005055	Mobile Sources	CNG	Agricultural Equipment	Other Agricultural Equipment	VOC	9.94413E-09	0.008143791	0.008143791	0.008143791	0.008143791	0.008143791
21117	Nonroad	2268005060	Mobile Sources	CNG	Agricultural Equipment	Irrigation Sets	VOC	4.73911E-08	0.001634545	0.001634545	0.001634545	0.001634545	0.001634545
21117	Nonroad	2268006005	Mobile Sources	CNG	Commercial Equipment	Generator Sets	VOC	3.18661E-05	5.72092E-06	5.72092E-06	5.72092E-06	5.72092E-06	5.72092E-06
21117	Nonroad	2268006010	Mobile Sources	CNG	Commercial Equipment	Pumps	VOC	1.36794E-06	0.13081073	0.13081073	0.13081073	0.13081073	0.13081073
21117	Nonroad	2268006015	Mobile Sources	CNG	Commercial Equipment	Air Compressors	VOC	1.36621E-06	0.009928676	0.009928676	0.009928676	0.009928676	0.009928676
21117	Nonroad	2268006020	Mobile Sources	CNG	Commercial Equipment	Gas Compressors	VOC	8.84059E-06	0	0	0		0
21117	Nonroad	2270002003	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Pavers	VOC	0.001038773	0.008643257	0.008643257	0.008643257	0.008643257	0.008643257
21117	Nonroad	2270002006	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tampers/Rammers	VOC	4.48251E-06	0	0	0		0
21117	Nonroad	2270002009	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Plate Compactors	VOC	6.85692E-05	0.000782037	0.000782037	0.000782037	0.000782037	0.000782037
21117	Nonroad	2270002015	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rollers	VOC	0.00282271	0	0			0
21117	Nonroad	2270002018	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Scrapers	VOC	0.002135292	0.000180221	0.000180221	0.000180221	0.000180221	0.000180221
21117	Nonroad	2270002021	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Paving Equipment	VOC	0.000188952	0	0	0		0
21117	Nonroad	2270002024	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Surfacing Equipment	VOC	0.000127004	0.001261438	0.001261438	0.001261438	0.001261438	0.001261438
21117	Nonroad	2270002027	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Signal Boards/Light Plants	VOC	0.000533847	0	0	0		0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Nonroad	2270002030	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Trenchers	VOC	0.001588069	0.017612175	0.017612175	0.017612175	0.017612175	0.017612175
21117	Nonroad	2270002033	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Bore/Drill Rigs	VOC	0.001679253	6.06724E-05	6.06724E-05	6.06724E-05	6.06724E-05	6.06724E-05
21117	Nonroad	2270002036	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Excavators	VOC	0.008968432	3.33698E-06	3.33698E-06	3.33698E-06	3.33698E-06	3.33698E-06
21117	Nonroad	2270002039	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Concrete/Industrial Saws	VOC	0.000117042	0	0	0		0
21117	Nonroad	2270002042	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cement and Mortar Mixers	VOC	8.89303E-05	0.00035162	0.00035162	0.00035162	0.00035162	0.00035162
21117	Nonroad	2270002045	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Cranes	VOC	0.002301057	0	0	0		0
21117	Nonroad	2270002048	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Graders	VOC	0.002267103	0.006538412	0.006538412	0.006538412	0.006538412	0.006538412
21117	Nonroad	2270002051	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Trucks	VOC	0.006913971	0	0	0	0	0
21117	Nonroad	2270002054	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crushing/Processing Equipment	VOC	0.000450998	0	0	0	0	0
21117	Nonroad	2270002057	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rough Terrain Forklifts	VOC	0.004198793	0	0	0	0	0
21117	Nonroad	2270002060	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Rubber Tire Loaders	VOC	0.011193778	0	0	0	0	0
21117	Nonroad	2270002066	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Tractors/Loaders/Backhoes	VOC	0.022936948	0.000392157	0.000392157	0.000392157	0.000392157	0.000392157
21117	Nonroad	2270002069	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Crawler Tractor/Dozers	VOC	0.009210216	6.66667E-06	6.66667E-06	6.66667E-06	6.66667E-06	6.66667E-06
21117	Nonroad	2270002072	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Skid Steer Loaders	VOC	0.020342121	0	0	0		0
21117	Nonroad	2270002075	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Off-highway Tractors	VOC	0.001123183	0.001449058	0.001449058	0.001449058	0.001449058	0.001449058
21117	Nonroad	2270002078	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Dumpers/Tenders	VOC	6.97591E-05	0	0	0		0
21117	Nonroad	2270002081	Mobile Sources	Off-highway Vehicle Diesel	Construction and Mining Equipment	Other Construction Equipment	VOC	0.001222054	0.000469869	0.000469869	0.000469869	0.000469869	0.000469869
21117	Nonroad	2270003010	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Aerial Lifts	VOC	0.000716064	0.005789978	0.005789978	0.005789978	0.005789978	0.005789978

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21117	Nonroad	2270003020	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Forklifts	VOC	0.001791028	0.007126144	0.007126144	0.007126144	0.007126144	0.007126144
21117	Nonroad	2270003030	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Sweepers/Scrubbers	VOC	0.000974656	0	0	0	0	0
21117	Nonroad	2270003040	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other General Industrial Equipment	VOC	0.001128804	0	0	0	0	0
21117	Nonroad	2270003050	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Other Material Handling Equipment	VOC	0.000130101	0	0	0	0	0
21117	Nonroad	2270003060	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	AC\Refrigeration	VOC	0.004347941	0	0	0	0	0
21117	Nonroad	2270003070	Mobile Sources	Off-highway Vehicle Diesel	Industrial Equipment	Terminal Tractors	VOC	0.00094402	8.06386E-05	8.06386E-05	8.06386E-05	8.06386E-05	8.06386E-05
21117	Nonroad	2270004031	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Leafblowers/Vacuums (Commercial)	VOC	4.20545E-07	0	0	0		0
21117	Nonroad	2270004036	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Snowblowers (Commercial)	VOC	4.90333E-05	0	0	0		0
21117	Nonroad	2270004046	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Front Mowers (Commercial)	VOC	0.001781385	0.03921506	0.03921506	0.03921506	0.03921506	0.03921506
21117	Nonroad	2270004056	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Lawn and Garden Tractors (Commercial)	VOC	0.000375771	0	0	0	0	0
21117	Nonroad	2270004066	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Chippers/Stump Grinders (Commercial)	VOC	0.002078045	0	0	0	0	0
21117	Nonroad	2270004071	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Turf Equipment (Commercial)	VOC	0.000166505	2.73002E-06	2.69302E-06	2.55223E-06	2.23107E-06	1.90991E-06
21117	Nonroad	2270004076	Mobile Sources	Off-highway Vehicle Diesel	Lawn and Garden Equipment	Other Lawn and Garden Equipment (Commercial)	VOC	7.46665E-06	1.50293E-07	1.48401E-07	1.42605E-07	1.29694E-07	1.16783E-07
21117	Nonroad	2270005010	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	2-Wheel Tractors	VOC	1.57765E-07	0	0	0		0
21117	Nonroad	2270005015	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Tractors	VOC	0.00490661	0.000243038	0.000239977	0.000230606	0.000209727	0.000188849
21117	Nonroad	2270005020	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Combines	VOC	0.000482625	0	0	0		0
21117	Nonroad	2270005025	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Balers	VOC	4.11368E-06	0.000630388	0.00062245	0.000598142	0.000543988	0.000489834
21117	Nonroad	2270005030	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Agricultural Mowers	VOC	7.08824E-07	0	0	0		0
21117	Nonroad	2270005035	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Sprayers	VOC	5.4833E-05	0.000115565	0.00011411	0.000109654	9.97259E-05	8.97981E-05
21117	Nonroad	2270005040	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Tillers : 6 HP	VOC	5.26596E-08	0	0	0		0
21117	Nonroad	2270005045	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Swathers	VOC	4.66015E-05	5.1014E-05	5.1014E-05	5.1014E-05	5.1014E-05	5.1014E-05

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21117	Nonroad	2270005055	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Other Agricultural Equipment	VOC	0.000112775	6.29085E-06	6.29085E-06	6.29085E-06	6.29085E-06	6.29085E-06
21117	Nonroad	2270005060	Mobile Sources	Off-highway Vehicle Diesel	Agricultural Equipment	Irrigation Sets	VOC	5.30237E-05	1.04847E-05	1.04847E-05	1.04847E-05	1.04847E-05	1.04847E-05
21117	Nonroad	2270006005	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Generator Sets	VOC	0.006026127	0.010512037	0.010512037	0.010512037	0.010512037	0.010512037
21117	Nonroad	2270006010	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pumps	VOC	0.001356388	0.000715869	0.000715869	0.000715869	0.000715869	0.000715869
21117	Nonroad	2270006015	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Air Compressors	VOC	0.002465213	0	0	0	0	0
21117	Nonroad	2270006025	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Welders	VOC	0.004310899	0	0	0	0	0
21117	Nonroad	2270006030	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Pressure Washers	VOC	0.000200976	0	0	0		0
21117	Nonroad	2270006035	Mobile Sources	Off-highway Vehicle Diesel	Commercial Equipment	Hydro-power Units	VOC	8.90993E-05	0.102836479	0.102836479	0.102836479	0.102836479	0.102836479
21117	Nonroad	2270007015	Mobile Sources	Off-highway Vehicle Diesel	Logging Equipment	Forest Eqp - Feller/Bunch/Skidder	VOC	3.05744E-06	0	0	0		0
21117	Nonroad	2282005010	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Outboard	VOC	0.061143076	0.052713198	0.052713198	0.052713198	0.052713198	0.052713198
21117	Nonroad	2282005015	Mobile Sources	Pleasure Craft	Gasoline 2-Stroke	Personal Water Craft	VOC	0.015767317	0	0	0		0
21117	Nonroad	2282010005	Mobile Sources	Pleasure Craft	Gasoline 4-Stroke	Inboard/Sterndrive	VOC	0.006746879	0.005766295	0.005766295	0.005766295	0.005766295	0.005766295
21117	Nonroad	2282020005	Mobile Sources	Pleasure Craft	Diesel	Inboard/Sterndrive	VOC	0.000278721	0	0	0		0
21117	Nonroad	2282020010	Mobile Sources	Pleasure Craft	Diesel	Outboard	VOC	3.47166E-06	0.004550252	0.004550252	0.004550252	0.004550252	0.004550252
21117	Nonroad	2285002015	Mobile Sources	Railroad Equipment	Diesel	Railway Maintenance	VOC	0.001561163	0.180543301	0.180543301	0.180543301	0.180543301	0.180543301
21117	Nonroad	2285004015	Mobile Sources	Railroad Equipment	Gasoline, 4-Stroke	Railway Maintenance	VOC	0.000399667	0.011639801	0.011639801	0.011639801	0.011639801	0.011639801
21117	Nonroad	2285006015	Mobile Sources	Railroad Equipment	LPG	Railway Maintenance	VOC	3.96944E-06	0	0	0		0
21117	**Nonroad**					**TOTAL**	**VOC**	**1.279341**	**4.553892**	**4.409313**	**4.338444**	**4.281752**	**4.225060**
21117	Point	10200602	External Combustion Boilers	Industrial	Natural Gas	10-100 Million BTU/hr	VOC	0.000820927	0.026336216	0.026336216	0.026336216	0.026336216	0.026336216
21117	Point	10200603	External Combustion Boilers	Industrial	Natural Gas	< 10 Million BTU/hr	VOC	0.001523973	0	0	0		0
21117	Point	10201002	External Combustion Boilers	Industrial	Liquified Petroleum Gas (LPG)	Propane	VOC	0	0	0	0	0	0
21117	Point	10300501	External Combustion Boilers	Commercial/Institutional	Distillate Oil - Grades 1 and 2	Boiler	VOC	2.93734E-06	0	0	0		0
21117	Point	10300602	External Combustion Boilers	Commercial/Institutional	Natural Gas	10-100 Million BTU/hr	VOC	0.000902533	0.002669118	0.002669118	0.002669118	0.002669118	0.002669118

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21117	Point	10300603	External Combustion Boilers	Commercial/Institutional	Natural Gas	< 10 Million BTU/hr	VOC	5.19918E-05	0	0	0		0
21117	Point	10500206	External Combustion	Space Heaters	Commercial/Institutional	Natural Gas	VOC	4.00766E-05	5.48087E-05	5.48087E-05	5.48087E-05	5.48087E-05	5.48087E-05
21117	Point	10500210	External Combustion	Space Heaters	Commercial/Institutional	Liquified Petroleum Gas (LPG)	VOC	4.04003E-06	0.000254466	0.000254466	0.000254466	0.000254466	0.000254466
21117	Point	20200101	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Turbine	VOC	0	1.39956E-05	1.39956E-05	1.39956E-05	1.39956E-05	1.39956E-05
21117	Point	20200102	Internal Combustion Engines	Industrial	Distillate Oil (Diesel)	Reciprocating	VOC	0.000102196	0	0	0		0
21117	Point	20200252	Internal Combustion Engines	Industrial	Natural Gas	2-cycle Lean Burn	VOC	1.65333E-05	0.000381264	0.000381264	0.000381264	0.000381264	0.000381264
21117	Point	20300101	Internal Combustion Engines	Commercial/Institutional	Distillate Oil (Diesel)	Reciprocating	VOC	4.1226E-06	0	0	0		0
21117	Point	2275050011	Mobile Sources	Aircraft	General Aviation	Piston	VOC	3.64895E-05	0.002393369	0.002393369	0.002393369	0.002393369	0.002393369
21117	Point	2275050012	Mobile Sources	Aircraft	General Aviation	Turbine	VOC	0.000124115	0	0	0		0
21117	Point	28500201	Internal Combustion Engines	Railroad Equipment	Diesel	Yard Locomotives	VOC	0.009928676	0.000439403	0.000430821	0.000413095	0.000375933	0.000338771
21117	Point	30101899	Industrial Processes	Chemical Manufacturing	Plastics Production	Others Not Specified	VOC	0.008643257	0	0	0		0
21117	Point	30180003	Industrial Processes	Chemical Manufacturing	General Processes	Pipeline Valves: Light Liquid/Gas Stream	VOC	0.000782037	0.000998776	0.000998776	0.000998776	0.000998776	0.000998776
21117	Point	30180007	Industrial Processes	Chemical Manufacturing	General Processes	Flanges: All Streams	VOC	0.000180221	0	0	0		0
21117	Point	30180008	Industrial Processes	Chemical Manufacturing	General Processes	Pump Seals: Light Liquid/Gas Stream	VOC	0.001261438	9.80392E-06	9.80392E-06	9.80392E-06	9.80392E-06	9.80392E-06
21117	Point	30188801	Industrial Processes	Chemical Manufacturing	Fugitive Emissions	Specify in Comments Field	VOC	0.017612175	0	0	0		0
21117	Point	30190013	Industrial Processes	Chemical Manufacturing	Fuel Fired Equipment	Natural Gas: Incinerators	VOC	3.33698E-06	5.03053E-06	5.03053E-06	5.03053E-06	5.03053E-06	5.03053E-06
21117	Point	30201303	Industrial Processes	Food and Agriculture	Meat Smokehouses	Batch Smokehouses: Cooking Cycle	VOC	0.00035162	0	0	0		0
21117	Point	30299998	Industrial Processes	Food and Agriculture	Other Not Specified	Other Not Classified	VOC	0.006538412	2.01797E-05	2.01797E-05	2.01797E-05	2.01797E-05	2.01797E-05
21117	Point	30500206	Industrial Processes	Mineral Products	Asphalt Concrete	Asphalt Heater: Natural Gas	VOC	0	0	0	0		0
21117	Point	30500207	Industrial Processes	Mineral Products	Asphalt Concrete	Asphalt Heater: Residual Oil	VOC	0	2.02032E-06	2.02032E-06	2.02032E-06	2.02032E-06	2.02032E-06
21117	Point	30500208	Industrial Processes	Mineral Products	Asphalt Concrete	Asphalt Heater: Distillate Oil	VOC	6.66667E-06	0	0	0		0
21117	Point	30500213	Industrial Processes	Mineral Products	Asphalt Concrete	Storage Silo	VOC	0.001449058	0.000262193	0.000262193	0.000262193	0.000262193	0.000262193

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21117	Point	30500214	Industrial Processes	Mineral Products	Asphalt Concrete	Truck Load-out	VOC	0.000469869	0	0	0		0
21117	Point	30500257	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Mix Plant: Rotary Drum Dryer / Mixer, Natural Gas, Counterflow	VOC	0.007126144	0.003501071	0.003501071	0.003501071	0.003501071	0.003501071
21117	Point	30500260	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Mix Plant: Rotary Drum Dryer / Mixer, #2 Oil-Fired, Counterflow	VOC	0	0	0	0		0
21117	Point	30500263	Industrial Processes	Mineral Products	Asphalt Concrete	Drum Mix Pl: Rotary Drum Dryer/Mixer, Waste/Drain/#6 Oil, Counterflow	VOC	0	2.66341E-05	2.66341E-05	2.66341E-05	2.66341E-05	2.66341E-05
21117	Point	30501305	Industrial Processes	Mineral Products	Frit Manufacture	Rotary Smelting Furnace	VOC		0	0	0		0
21117	Point	30510498	Industrial Processes	Mineral Products	Bulk Materials Unloading Operation	Mineral: Specify in Comments	VOC	0.03921506	1.25669E-05	1.25669E-05	1.25669E-05	1.25669E-05	1.25669E-05
21117	Point	30600103	Industrial Processes	Petroleum Industry	Process Heaters	Oil-fired	VOC	0	0	0	0		0
21117	Point	30600105	Industrial Processes	Petroleum Industry	Process Heaters	Natural Gas-fired	VOC	1.52186E-07	0.003331735	0.003266662	0.003132259	0.00285048	0.002568701
21117	Point	30600812	Industrial Processes	Petroleum Industry	Fugitive Emissions	Pipeline Valves: Light Liquid/Gas Streams	VOC	0.000246098	0	0	0		0
21117	Point	30600816	Industrial Processes	Petroleum Industry	Fugitive Emissions	Flanges: All Streams	VOC	0.000638327	0.00487906	0.004783766	0.004586944	0.0041743	0.003761657
21117	Point	30600817	Industrial Processes	Petroleum Industry	Fugitive Emissions	Pump Seals: Light Liquid/Gas Streams	VOC	0.00011702	0	0	0		0
21117	Point	30899999	Industrial Processes	Rubber and Miscellaneous Plastics Products	Other Not Specified	Other Not Classified	VOC	5.1014E-05	0	0	0	0	0
21117	Point	39000605	Industrial Processes	In-process Fuel Use	Natural Gas	Metal Melting **	VOC	1.04847E-05	0	0	0		0
21117	Point	39000699	Industrial Processes	In-process Fuel Use	Natural Gas	General	VOC	0.000715869	0	0	0	0	0
21117	Point	39000999	Industrial Processes	In-process Fuel Use	Wood	General: Wood	VOC	0	0	0	0		0
21117	Point	39999994	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.102836479	0	0	0	0	0
21117	Point	39999995	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.052713198	0	0	0		0

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21117	Point	39999996	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.005766295	0.001799587	0.001764439	0.001691843	0.001539644	0.001387445
21117	Point	39999997	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.004550252	0	0	0		0
21117	Point	39999999	Industrial Processes	Miscellaneous Manufacturing Industries	Miscellaneous Industrial Processes	Other Not Classified	VOC	0.011639801	0.040131347	0.039347529	0.037728624	0.034334541	0.030940458
21117	Point	40100198	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Dry Cleaning	Other Not Classified	VOC	0.026336216	0	0	0		0
21117	Point	40100251	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Degreasing	Stoddard (Petroleum Solvent): General Degreasing Units	VOC	0	1.08932E-07	1.08932E-07	1.08932E-07	1.08932E-07	1.08932E-07
21117	Point	40188898	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Fugitive Emissions	Specify in Comments Field	VOC	0.002669118	0	0	0		0
21117	Point	40200601	Petroleum and Solvent Evaporation	Surface Coating Operations	Surface Coating Application - General	Primer	VOC	5.48087E-05	0	0	0	0	0
21117	Point	40201001	Petroleum and Solvent Evaporation	Surface Coating Operations	Coating Oven Heater	Natural Gas	VOC	1.39956E-05	0	0	0		0
21117	Point	40202503	Petroleum and Solvent Evaporation	Surface Coating Operations	Miscellaneous Metal Parts	Coating Mixing	VOC	0.000381264	3.49786E-05	3.49786E-05	3.49786E-05	3.49786E-05	3.49786E-05
21117	Point	40299998	Petroleum and Solvent Evaporation	Surface Coating Operations	Miscellaneous	Specify in Comments Field	VOC	0.002393369	0	0	0		0
21117	Point	40301002	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Gasoline RVP 10: Breathing Loss (67000 Bbl. Tank Size)	VOC	0.000447985	4.84013E-07	4.84013E-07	4.84013E-07	4.84013E-07	4.84013E-07
21117	Point	40301008	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Gasoline RVP 10: Working Loss (Tank Diameter Independent)	VOC	0.000998776	0	0	0		0
21117	Point	40301016	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Breathing Loss (67000 Bbl. Tank Size)	VOC	9.80392E-06	0	0	0	0	0
21117	Point	40301018	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Jet Kerosene: Working Loss (Tank Diameter Independent)	VOC	5.03053E-06	0.004030914	0.004030914	0.004030914	0.004030914	0.004030914

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21117	Point	40301019	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Distillate Fuel #2: Breathing Loss (67000 Bbl. Tank Size)	VOC	2.01797E-05	0.003777418	0.003714714	0.003565511	0.003244756	0.002924001
21117	Point	40301021	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fixed Roof Tanks (Varying Sizes)	Distillate Fuel #2: Working Loss (Tank Diameter Independent)	VOC	2.02032E-06	1.4595E-08	1.4595E-08	1.4595E-08	1.4595E-08	1.4595E-08
21117	Point	40388801	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Fugitive Emissions	Specify in Comments Field	VOC	0.000262193	0.003350611	0.003350611	0.003350611	0.003350611	0.003350611
21117	Point	40399999	Petroleum and Solvent Evaporation	Petroleum Product Storage at Refineries	Other Not Classified	See Comment **	VOC	0.003501071	0	0	0		0
21117	Point	40400121	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Diesel Fuel: Standing Loss (Diameter Independent) - Fixed Roof Tank	VOC	2.66341E-05	0	0	0	0	0
21117	Point	40400122	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Diesel Fuel: Working Loss (Diameter Independent) - Fixed Roof Tank	VOC	1.25669E-05	0	0	0		0
21117	Point	40400148	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Gasoline RVP 13/10/7: Withdrawal Loss - Ext. Float Roof (Pri/Sec Seal)	VOC	0.003396809	0.00163962	0.001612403	0.00154764	0.001408413	0.001269187
21117	Point	40400149	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Specify Liquid: External Floating Roof (Primary/Secondary Seal)	VOC	0.004974355	0	0	0		0
21117	Point	40400150	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Miscellaneous Losses/Leaks: Loading Racks	VOC	0	0	0	0	0	0
21117	Point	40400151	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Valves, Flanges, and Pumps	VOC	0	0	0	0		0
21117	Point	40400153	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Vapor Control Unit Losses	VOC	0	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Point	40400179	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	Specify Liquid: Internal Floating Roof (Primary/Secondary Seal)	VOC	0.001834736	0	0	0		0
21117	Point	40400199	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Bulk Terminals	See Comment **	VOC	0.040915165	0.03173019	0.031203481	0.029950179	0.027255848	0.024561518
21117	Point	40400412	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Jet Kerosene: Working Loss	VOC	1.08932E-07	0	0	0		0
21117	Point	40400413	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Distillate Fuel #2: Breathing Loss	VOC	0	0.000459288	0.000451664	0.000433522	0.000394523	0.000355523
21117	Point	40400414	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Distillate Fuel #2: Working Loss	VOC	3.49786E-05	0	0	0		0
21117	Point	40400498	Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery)	Petroleum Products - Underground Tanks	Specify Liquid: Working Loss	VOC	4.84013E-07	0.068301676	0.067167894	0.064470065	0.05867031	0.052870556
21117	Point	40600126	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Submerged Loading **	VOC	0	0	0	0		0
21117	Point	40600131	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Submerged Loading (Normal Service)	VOC	0.003840122	0.10005965	0.098398698	0.094446469	0.085950025	0.07745358
21117	Point	40600134	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Kerosene: Submerged Loading (Normal Services)	VOC	0.003350611	0	0	0		0
21117	Point	40600135	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Distillate Oil: Submerged Loading (Normal Service)	VOC	0	0.050378023	0.050378023	0.050378023	0.050378023	0.050378023
21117	Point	40600136	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Splash Loading (Normal Service)	VOC	0.001666837	0	0	0		0
21117	Point	40600163	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Tank Cars and Trucks	Gasoline: Return with Vapor (Transit Losses)	VOC	0	0	0	0	0	0

region_cd	Data Category	scc	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Pollutant	2011 Summerday	2014 Summerday	2017 Summerday	2020 Summerday	2025 Summerday	2030 Summerday
21117	Point	40600251	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Marine Vessels	Distillate Oil: Loading Barges	VOC	0	0	0	0		0
21117	Point	40600301	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Splash Filling	VOC	0.0322569	2.30369E-05	2.30369E-05	2.30369E-05	2.30369E-05	2.30369E-05
21117	Point	40600306	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Balanced Submerged Filling	VOC	0.000466912	0	0	0		0
21117	Point	40600307	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Gasoline Retail Operations - Stage I	Underground Tank Breathing and Emptying	VOC	0.069435458	2.90226E-06	2.90226E-06	2.90226E-06	2.90226E-06	2.90226E-06
21117	Point	40600401	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Vapor Loss w/o Controls	VOC	0.101720602	0	0	0		0
21117	Point	40600402	Petroleum and Solvent Evaporation	Transportation and Marketing of Petroleum Products	Filling Vehicle Gas Tanks - Stage II	Liquid Spill Loss w/o Controls	VOC	0.050378023	1.92734E-06	1.92734E-06	1.92734E-06	1.92734E-06	1.92734E-06
21117	Point	40700810	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Alcohols	Ethyl Alcohol: Working Loss	VOC	0	0	0	0		0
21117	Point	40714697	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Miscellaneous	Specify In Comments: Breathing Loss	VOC	2.30369E-05	0.002481481	0.002481481	0.002481481	0.002481481	0.002481481
21117	Point	40714698	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Miscellaneous	Specify In Comments: Working Loss	VOC	2.90226E-06	0	0	0		0
21117	Point	40899999	Petroleum and Solvent Evaporation	Organic Chemical Transportation	Specific Liquid	Loading Rack	VOC	1.92734E-06	0.000869627	0.000869627	0.000869627	0.000869627	0.000869627
21117	Point	49099998	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Miscellaneous Volatile Organic Compound Evaporation	Identify the Process and Solvent in Comments	VOC	0.002481481	0	0	0		0
21117	Point	64520011	MACT Source Categories	Miscellaneous Resins	Alkyd Resin Production, Solvent Process	Polymerization Reaction: Kettle	VOC	0.000869627	0.00014624	0.00014624	0.00014624	0.00014624	0.00014624
21117	Point	64520020	MACT Source Categories	Miscellaneous Resins	Alkyd Resin Production, Solvent Process	Product Finishing	VOC	0.00014624	0	0	0		0
21117	Point	64520021	MACT Source Categories	Miscellaneous Resins	Alkyd Resin Production, Solvent Process	Product Finishing: Thinning Vessels	VOC	0.001809483	0.001809483	0.001809483	0.001809483	0.001809483	0.001809483
21117	**Point**					**TOTAL**	**VOC**	**0.633225**	**0.356620**	**0.352213**	**0.342037**	**0.320270**	**0.298503**

APPENDIX C-2

2011, 2014, 2017, 2020, 2025, 2030
Emissions Totals

REDESIGNATION REQUEST: POPULATION AND GROWTH DATA

Enter Pollutant(s) Here:	O3 (VOC, NOx)					Enter Area Here:	Boone, Campbell, Kenton Counties	
ENTIRE COUNTY	Census 2010 [1]	Base Year 2011 [2]	Attain 2014	Proj 2017	Census 2020 [1]		Proj 2025	Census 2030 [1]
Boone, KY	118,811	121,635	131,704	142,531	153,933		170,104	190,270
Campbell, KY	90,336	90,946	91,178	91,410	91,642		90,870	90,731
Kenton, KY	159,720	160,407	163,054	165,741	168,458		170,991	174,699
AREA TOTAL	368,867	372,988	385,936	399,682	414,033		431,965	455,700

COUNTY GROWTH RATES FOR EMISSION PROJECTIONS						
COUNTY	Area % Δ	'11-'14	'14-'17	'14-'20	'14-'25	'14-'30
Boone, KY	57%					
Campbell, KY	56%					
Kenton, KY	54%					

1) Population Projections 2015-2050, Census Data for 2010, 2020, and 2030, "Total Population", Kentucky State Data Center, *http://www.ksdc.louisville.edu/data-downloads/projections/*

2) Population Estimates for 2011 and 2012, "Total Population (2013)", Kentucky State Data Center, *http://ksdc.louisville.edu/index.php/kentucky-demographic-data/estimates/population-and-housing-units*

Δ The measurement function in *Google Earth* was used by KYDAQ's John Gowins to approximate the percentage of each county that was determined to be in the designated nonattainment area.

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

POINT SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties			
		VOC Base Year 2011	VOC Attainment 2014	VOC Projected 2017	VOC Projected 2020	VOC Projected 2025	VOC Projected 2030
Facility ID	Facility Name	tpd	tpd	tpd	tpd	tpd	tpd
Boone, KY							
2101500004	Aristech Acrylics Llc	0.04	0.04	0.04	0.04	0.04	0.04
2101500010	Greif Industrial Packaging & Services LLC	0.29	0.29	0.29	0.29	0.29	0.29
2101500018	DRS Environmental Systems Inc	0.05	0.05	0.05	0.05	0.05	0.05
2101500019	Duro Bag Manufacturing	0.04	0.04	0.04	0.04	0.04	0.04
2101500069	Camco Chemical Co	0.04	0.04	0.04	0.04	0.04	0.04
2101500077	Southern Graphic Systems Inc	0.04	0.04	0.04	0.04	0.04	0.04
2101500082	R R Donnelley - Nielsen Plant	0.29	0.29	0.29	0.29	0.29	0.29
2101500086	Duro Bag Mfg Co	0.09	0.09	0.09	0.09	0.09	0.09
2101500088	The Hennegan Co	0.04	0.04	0.04	0.04	0.04	0.04
2101500102	Sweco, Div of M-I, LLC	0.05	0.05	0.05	0.05	0.05	0.05
2101500114	Continental Web Press Inc	0.04	0.04	0.04	0.04	0.04	0.04
2101500120	Schwans Food Manufacturing Inc	0.22	0.22	0.22	0.22	0.22	0.22
2101500126	Keebler Foods Co	0.05	0.05	0.05	0.05	0.05	0.05
2101500142	Abrapower Inc	0.15	0.15	0.15	0.15	0.15	0.15
2101500144	Stonehouse Building Products LLC	0.07	0.07	0.07	0.07	0.07	0.07
2101500146	CW Zumbiel Packaging	0.08	0.08	0.08	0.08	0.08	0.08
	BOONE COUNTY NON-EGU TOTAL	**1.57**	**1.57**	**1.57**	**1.57**	**1.57**	**1.57**
2101500029	Duke Energy KY East Bend	0.16	0.16	0.16	0.16	0.16	0.16
	BOONE COUNTY EGU TOTAL	**0.16**	**0.16**	**0.16**	**0.16**	**0.16**	**0.16**
	BOONE COUNTY AIR	**0.42**	**0.42**	**0.44**	**0.45**	**0.26**	**0.06**
	BOONE COUNTY GRAND TOTAL	**2.15**	**2.15**	**2.17**	**2.18**	**1.99**	**1.79**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

Individual county growth rates were calculated based on EPA's 2011 NEI 2011-2025 point source emission projections. Once 2025 emissions were calculated using these growth rates, 2014, 2017, and 2020 were interpolated between 2011 and 2025. Then 2025 was projected out to 2030 emissions, using the yearly growth rate from 2011 to 2025.

2011 baseyear point source emissions were determined based on location within these specific localized areas in each county. Emissions were obtained through the Kentucky Emissions Inventory database.

POINT SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties			
		VOC Base Year 2011	VOC Attainment 2014	VOC Projected 2017	VOC Projected 2020	VOC Projected 2025	VOC Projected 2030
Facility ID	Facility Name	tpd	tpd	tpd	tpd	tpd	tpd
Data Source : Kentucky Emissions Inventory database (2011)							
Campbell, KY							
2103700006	IPSCO Tubulars KY Inc	0.15	0.15	0.15	0.14	0.14	0.14
2103700090	Lafarge North America	0.08	0.08	0.07	0.07	0.07	0.07
	CAMPBELL COUNTY NON-EGU TOTAL	**0.22**	**0.22**	**0.22**	**0.22**	**0.22**	**0.21**
	CAMPBELL COUNTY EGU TOTAL	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
	CAMPBELL COUNTY AIR	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
	CAMPBELL COUNTY GRAND TOTAL	**0.08**	**0.08**	**0.07**	**0.07**	**0.07**	**0.07**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

Individual county growth rates were calculated based on EPA's 2011 NEI 2011-2025 point source emission projections. Once 2025 emissions were calculated using these growth rates, 2014, 2017, and 2020 were interpolated between 2011 and 2025. Then 2025 was projected out to 2030 emissions, using the yearly growth rate from 2011 to 2025.

2011 baseyear point source emissions were determined based on location within these specific localized areas in each county. Emissions were obtained through the Kentucky Emissions Inventory database.

POINT SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties			
		VOC	VOC	VOC	VOC	VOC	VOC
		Base Year	Attainment	Projected	Projected	Projected	Projected
		2011	2014	2017	2020	2025	2030
Facility ID	Facility Name	tpd	tpd	tpd	tpd	tpd	tpd
Data Source : Kentucky Emissions Inventory database (2011)							
Kenton, KY							
2111700022	Marathon Petr Co LP - Covington Terminal	0.052670	0.05	0.05	0.05	0.05	0.05
2111700177	Firestone Building Products Co	0.460970	0.45	0.45	0.44	0.43	0.42
	KENTON COUNTY NON-EGU TOTAL	**0.51**	**0.51**	**0.50**	**0.49**	**0.48**	**0.47**
	KENTON COUNTY EGU TOTAL	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
	KENTON COUNTY AIR	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
	KENTON COUNTY GRAND TOTAL	**0.46**	**0.45**	**0.45**	**0.44**	**0.43**	**0.42**
	POINT SOURCE GRAND TOTAL	**2.69**	**2.68**	**2.69**	**2.69**	**2.49**	**2.28**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

Individual county growth rates were calculated based on EPA's 2011 NEI 2011-2025 point source emission projections. Once 2025 emissions were calculated using these growth rates, 2014, 2017, and 2020 were interpolated between 2011 and 2025. Then 2025 was projected out to 2030 emissions, using the yearly growth rate from 2011 to 2025.

2011 baseyear point source emissions were determined based on location within these specific localized areas in each county. Emissions were obtained through the Kentucky Emissions Inventory database.

Data Source : Kentucky Emissions Inventory database (2011)

POINT SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties			
		NOx Base Year 2011	NOx Attainment 2014	NOx Projected 2017	NOx Projected 2020	NOx Projected 2025	NOx Projected 2030
Facility ID	Facility Name	tpd	tpd	tpd	tpd	tpd	tpd
Boone, KY							
2101500004	Aristech Acrylics Llc	0.01	0.01	0.02	0.02	0.02	0.02
2101500010	Greif Industrial Packaging & Services LLC	0.01	0.01	0.01	0.01	0.01	0.01
2101500018	DRS Environmental Systems Inc	0.01	0.01	0.01	0.01	0.01	0.01
2101500019	Duro Bag Manufacturing	0.00	0.00	0.00	0.00	0.00	0.00
2101500069	Camco Chemical Co	0.00	0.00	0.00	0.00	0.00	0.00
2101500077	Southern Graphic Systems Inc	0.00	0.00	0.00	0.00	0.00	0.00
2101500082	R R Donnelley - Nielsen Plant	0.00	0.00	0.00	0.00	0.00	0.00
2101500086	Duro Bag Mfg Co	0.01	0.01	0.01	0.01	0.01	0.01
2101500088	The Hennegan Co	0.00	0.00	0.00	0.00	0.00	0.00
2101500102	Sweco, Div of M-I, LLC	0.00	0.00	0.00	0.00	0.00	0.00
2101500114	Continental Web Press Inc	0.00	0.00	0.00	0.00	0.00	0.00
2101500120	Schwans Food Manufacturing Inc	0.09	0.09	0.09	0.10	0.10	0.10
2101500126	Keebler Foods Co	0.01	0.01	0.01	0.01	0.01	0.01
2101500142	Abrapower Inc	0.00	0.00	0.00	0.00	0.00	0.00
2101500144	Stonehouse Building Products LLC	0.00	0.00	0.00	0.00	0.00	0.00
2101500146	CW Zumbiel Packaging	0.01	0.01	0.01	0.01	0.01	0.01
	BOONE COUNTY NON-EGU TOTAL	**0.16**	**0.14**	**0.15**	**0.15**	**0.18**	**0.18**
2101500029	Duke Energy KY East Bend	7.04	7.23	7.46	7.71	7.96	8.33
	BOONE COUNTY EGU TOTAL	**7.04**	**7.23**	**7.46**	**7.71**	**7.96**	**8.33**
	BOONE COUNTY AIR	**2.03**	**2.07**	**2.18**	**2.29**	**1.29**	**0.29**
	BOONE COUNTY GRAND TOTAL	**9.22**	**9.44**	**9.79**	**10.15**	**9.42**	**8.80**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

Individual county growth rates were calculated based on EPA's 2011 NEI 2011-2025 point source emission projections. Once 2025 emissions were calculated using these growth rates, 2014, 2017, and 2020 were interpolated between 2011 and 2025. Then 2025 was projected out to 2030 emissions, using the yearly growth rate from 2011 to 2025.

2011 baseyear point source emissions were determined based on location within these specific localized areas in each county. Emissions were obtained through the Kentucky Emissions Inventory database.

POINT SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties			
Facility ID	Facility Name	NOx Base Year 2011 tpd	NOx Attainment 2014 tpd	NOx Projected 2017 tpd	NOx Projected 2020 tpd	NOx Projected 2025 tpd	NOx Projected 2030 tpd
Data Source: Kentucky Emissions Inventory database (2011)							
Campbell, KY							
2103700006	IPSCO Tubulars KY Inc	0.00	0.00	0.00	0.00	0.00	0.00
2103700090	Lafarge North America	0.17	0.17	0.17	0.17	0.17	0.17
	CAMPBELL COUNTY NON-EGU TOTAL	**0.17**	**0.17**	**0.17**	**0.17**	**0.17**	**0.17**
	CAMPBELL COUNTY EGU TOTAL	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
	CAMPBELL COUNTY AIR	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
	CAMPBELL COUNTY GRAND TOTAL	**0.17**	**0.17**	**0.17**	**0.17**	**0.17**	**0.17**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

Individual county growth rates were calculated based on EPA's 2011 NEI 2011-2025 point source emission projections. Once 2025 emissions were calculated using these growth rates, 2014, 2017, and 2020 were interpolated between 2011 and 2025. Then 2025 was projected out to 2030 emissions, using the yearly growth rate from 2011 to 2025.

2011 baseyear point source emissions were determined based on location within these specific localized areas in each county. Emissions were obtained through the Kentucky Emissions Inventory database.

POINT SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties			
		NOx Base Year 2011	NOx Attainment 2014	NOx Projected 2017	NOx Projected 2020	NOx Projected 2025	NOx Projected 2030
Facility ID	Facility Name	tpd	tpd	tpd	tpd	tpd	tpd
Data Source : Kentucky Emissions Inventory database (2011)							
Kenton, KY							
2111700022	Marathon Petr Co LP - Covington Terminal	0.004079	0.00	0.00	0.00	0.00	0.00
2111700177	Firestone Building Products Co	0.001561	0.00	0.00	0.00	0.00	0.00
	KENTON COUNTY NON-EGU TOTAL	0.01	0.01	0.01	0.01	0.01	0.01
	KENTON COUNTY EGU TOTAL	0.00	0.00	0.00	0.00	0.00	0.00
	KENTON COUNTY AIR	0.00	0.00	0.00	0.00	0.00	0.00
	KENTON COUNTY GRAND TOTAL	0.00	0.00	0.00	0.00	0.00	0.00
	POINT SOURCE GRAND TOTAL	9.39	9.61	9.96	10.32	9.59	8.97

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

Individual county growth rates were calculated based on EPA's 2011 NEI 2011-2025 point source emission projections. Once 2025 emissions were calculated using these growth rates, 2014, 2017, and 2020 were interpolated between 2011 and 2025. Then 2025 was projected out to 2030 emissions, using the yearly growth rate from 2011 to 2025.

2011 baseyear point source emissions were determined based on location within these specific localized areas in each county. Emissions were obtained through the Kentucky Emissions Inventory database.

Data Source : Kentucky Emissions Inventory database (2011)

AREA SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)	AREA:	Boone, Campbell, Kenton Counties

COUNTY	Area %	VOC PORTION Base Year 2011 tpd	VOC PORTION Attainment 2014 tpd	VOC PORTION Projected 2017 tpd	VOC PORTION Projected 2020 tpd	VOC PORTION Projected 2025 tpd	VOC PORTION Projected 2030 tpd
Boone	57%	2.66	2.56	2.46	2.41	2.38	2.36
Campbell	56%	1.29	1.26	1.23	1.22	1.21	1.19
Kenton	54%	2.51	2.43	2.35	2.31	2.28	2.25
AREA TOTAL		**6.46**	**6.25**	**6.04**	**5.94**	**5.87**	**5.80**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton). The method to omit the six total Census Tracts mentioned was by using the measurement function in *Google Earth*. This approximated the percentage of each county that was determined to be in the designated nonattainment area.

Area source emissions were obtained from the Indiana Department of Environmental Management (IDEM) for ALL years. County portions were applied by multiplying the 2011 emissions for the entire county by the Area %. Emissions from the portions were then be projected out to Future Years.

Data Source : Indiana Department of Environmental Management, 2011-2030

AREA SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties				
			NOx PORTION	NOx PORTION	NOx PORTION	NOx PORTION	NOx PORTION	NOx PORTION
			Base Year	Attainment	Projected	Projected	Projected	Projected
		Area	2011	2014	2017	2020	2025	2030
COUNTY		%	tpd	tpd	tpd	tpd	tpd	tpd
Boone		57%	0.43	0.43	0.43	0.43	0.44	0.44
Campbell		56%	0.49	0.49	0.49	0.49	0.49	0.49
Kenton		54%	1.02	1.02	1.02	1.02	1.02	1.02
AREA TOTAL			1.94	1.94	1.94	1.94	1.95	1.95

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton). The method to omit the six total Census Tracts mentioned was by using the measurement function in *Google Earth*. This approximated the percentage of each county that was determined to be in the designated nonattainment area.

Area source emissions were obtained from the Indiana Department of Environmental Management (IDEM) for ALL years. County portions were applied by multiplying the 2011 emissions for the entire county by the Area %. Emissions from the portions were then be projected out to Future Years.

Data Source : Indiana Department of Environmental Management, 2011-2030

HIGHWAY MOBILE SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)			AREA:	Boone, Campbell, Kenton Counties		
	VOC PORTION Base Year 2011	Population % (if applicable)	VOC PORTION Attainment 2014	VOC PORTION Interpolated 2017	VOC PORTION Projected 2020	VOC PORTION Interpolated 2025	VOC PORTION Projected 2030
COUNTY	tpd		tpd	tpd	tpd	tpd	tpd
Boone	3.30		2.53	1.96	1.38	1.08	0.77
Campbell	2.05		1.58	1.22	0.86	0.67	0.48
Kenton	3.12		2.39	1.85	1.30	1.02	0.73
HWY MOBILE	**8.47**		**6.50**	**5.03**	**3.54**	**2.77**	**1.99**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

Andy Reser from the Ohio-Kentucky-Indiana Regional Council of Governments, or OKI, provided the highway mobile source emissions for 2011 baseyear, 2014 (attainment year), 2020, and 2030. KYDAQ interpolated emissions for the years 2017 and 2025. The emissions for the specific portions of each county were not calculated based on population percentages. Instead, the emissions were more accurately reflected by dividing the vehicle miles traveled in the portion by the vehicle miles traveled in the entire county.

Data Source : Andy Reser, "Ozone Mobile Source Emissions Inventory for the Cincinnati Ozone Nonattainment Area," Ohio-Kentucky-Indiana (OKI) Regional Council of Governments, Cincinnati, Ohio, August 2015, p. 6, Table 3.

HIGHWAY MOBILE SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)			AREA:	Boone, Campbell, Kenton Counties		
	NOx PORTION Base Year 2011	Population % (if applicable)	NOx PORTION Attainment 2014	NOx PORTION Interpolated 2017	NOx PORTION Projected 2020	NOx PORTION Interpolated 2025	NOx PORTION Projected 2030
COUNTY	tpd		tpd	tpd	tpd	tpd	tpd
Boone	6.90		5.46	3.94	2.41	1.73	1.05
Campbell	4.30		3.41	2.46	1.50	1.08	0.65
Kenton	6.53		5.17	3.73	2.28	1.64	0.99
HWY MOBILE	**17.72**		**14.04**	**10.13**	**6.20**	**4.45**	**2.69**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).

Andy Reser from the Ohio-Kentucky-Indiana Regional Council of Governments, or OKI, provided the highway mobile source emissions for 2011 baseyear, 2014 (attainment year), 2020, and 2030. KYDAQ interpolated emissions for the years 2017 and 2025. The emissions for the specific portions of each county were not calculated based on population percentages. Instead, the emissions were more accurately reflected by dividing the vehicle miles traveled in the portion by the vehicle miles traveled in the entire county.

Data Source : Andy Reser, "Ozone Mobile Source Emissions Inventory for the Cincinnati Ozone Nonattainment Area," Ohio-Kentucky-Indiana (OKI) Regional Council of Governments, Cincinnati, Ohio, August 2015, p. 6, Table 3.

NON-HIGHWAY MOBILE SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties				
		VOC PORTION Base Year 2011 tpd	VOC PORTION Attainment 2014 tpd	VOC PORTION Projected 2017 tpd	VOC PORTION Projected 2020 tpd	VOC PORTION Projected 2025 tpd	VOC PORTION Projected 2030 tpd
COUNTY	Area %						
Boone	57%	1.49	1.30	1.12	1.03	0.97	0.92
Campbell	56%	0.40	0.34	0.28	0.25	0.24	0.22
Kenton	54%	0.62	0.55	0.48	0.47	0.48	0.50
NON-HWY TOTAL		**2.51**	**2.19**	**1.88**	**1.75**	**1.69**	**1.64**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton). The method to omit the six total Census Tracts mentioned was by using the measurement function in *Google Earth*. This approximated the percentage of each county that was determined to be in the designated nonattainment area.

Non-highway source emissions were obtained from the Indiana Department of Environmental Management (IDEM) for ALL years. County portions were applied by multiplying the 2011 emissions for the entire county by the Area %. Emissions from the portions were then be projected out to Future Years.

The U.S. EPA initially provided airport emissions data in the point source emissions inventory. To be consistent with historical submittals, KYDAQ is including these emissions as part of the non-highway mobile source emissions inventory.

Data Source : Indiana Department of Environmental Management, 2011-2030

NON-HIGHWAY MOBILE SOURCE EMISSIONS

POLLUTANT(S):	O3 (VOC, NOx)	AREA:	Boone, Campbell, Kenton Counties

COUNTY	Area %	NOx PORTION Base Year 2011 tpd	NOx PORTION Attainment 2014 tpd	NOx PORTION Projected 2017 tpd	NOx PORTION Projected 2020 tpd	NOx PORTION Projected 2025 tpd	NOx PORTION Projected 2030 tpd
Boone	57%	1.06	0.88	0.70	0.60	0.49	0.38
Campbell	56%	0.38	0.32	0.26	0.23	0.19	0.15
Kenton	54%	0.77	0.64	0.51	0.43	0.35	0.27
NON-HWY TOTAL		**2.21**	**1.84**	**1.47**	**1.26**	**1.03**	**0.80**

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton). The method to omit the six total Census Tracts mentioned was by using the measurement function in *Google Earth*. This approximated the percentage of each county that was determined to be in the designated nonattainment area.

Non-highway source emissions were obtained from the Indiana Department of Environmental Management (IDEM) for ALL years. County portions were applied by multiplying the 2011 emissions for the entire county by the Area %. Emissions from the portions were then be projected out to Future Years.

The U.S. EPA initially provided airport emissions data in the point source emissions inventory. To be consistent with historical submittals, KYDAQ is including these emissions as part of the non-highway mobile source emissions inventory.

Data Source : Indiana Department of Environmental Management, 2011-2030

TOTAL EMISSIONS SUMMARY

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties		
	VOC PORTION Base Year 2011	VOC PORTION Attainment 2014	VOC PORTION Projected 2017	VOC PORTION Projected 2020	VOC PORTION Projected 2025	VOC PORTION Projected 2030
COUNTY	tpd	tpd	tpd	tpd	tpd	tpd
Boone, KY						
Point	2.15	2.15	2.17	2.18	1.99	1.79
Area	2.66	2.56	2.46	2.41	2.38	2.36
Hwy Mobile	3.30	2.53	1.96	1.38	1.08	0.77
Non-Hwy	1.49	1.30	1.12	1.03	0.97	0.92
TOTAL	**9.60**	**8.54**	**7.71**	**7.00**	**6.42**	**5.84**
Campbell, KY						
Point	0.08	0.08	0.07	0.07	0.07	0.07
Area	1.29	1.26	1.23	1.22	1.21	1.19
Hwy Mobile	2.05	1.58	1.22	0.86	0.67	0.48
Non-Hwy	0.40	0.34	0.28	0.25	0.24	0.22
TOTAL	**3.82**	**3.26**	**2.80**	**2.40**	**2.19**	**1.96**
Kenton, KY						
Point	0.46	0.45	0.45	0.44	0.43	0.42
Area	2.51	2.43	2.35	2.31	2.28	2.25
Hwy Mobile	3.12	2.39	1.85	1.30	1.02	0.73
Non-Hwy	0.62	0.55	0.48	0.47	0.48	0.50
TOTAL	**6.71**	**5.82**	**5.13**	**4.52**	**4.21**	**3.90**
AREA TOTAL	**20.13**	**17.62**	**15.64**	**13.92**	**12.82**	**11.71**

TOTAL EMISSIONS SUMMARY

POLLUTANT(S):	O3 (VOC, NOx)		AREA:	Boone, Campbell, Kenton Counties		
	NOx PORTION Base Year 2011	NOx PORTION Attainment 2014	NOx PORTION Projected 2017	NOx PORTION Projected 2020	NOx PORTION Projected 2025	NOx PORTION Projected 2030
COUNTY	tpd	tpd	tpd	tpd	tpd	tpd
Boone, KY						
Point	9.22	9.44	9.79	10.15	9.42	8.80
Area	0.43	0.43	0.43	0.43	0.44	0.44
Hwy Mobile	6.90	5.46	3.94	2.41	1.73	1.05
Non-Hwy	1.06	0.88	0.70	0.60	0.49	0.38
TOTAL	**17.61**	**16.21**	**14.86**	**13.59**	**12.08**	**10.67**
Campbell, KY						
Point	0.17	0.17	0.17	0.17	0.17	0.17
Area	0.49	0.49	0.49	0.49	0.49	0.49
Hwy Mobile	4.30	3.41	2.46	1.50	1.08	0.65
Non-Hwy	0.38	0.32	0.26	0.23	0.19	0.15
TOTAL	**5.34**	**4.39**	**3.38**	**2.39**	**1.93**	**1.46**
Kenton, KY						
Point	-	-	-	-	-	-
Area	1.02	1.02	1.02	1.02	1.02	1.02
Hwy Mobile	6.53	5.17	3.73	2.28	1.64	0.99
Non-Hwy	0.77	0.64	0.51	0.43	0.35	0.27
TOTAL	**8.32**	**6.83**	**5.26**	**3.73**	**3.01**	**2.28**
AREA TOTAL	**31.26**	**27.43**	**23.50**	**19.72**	**17.02**	**14.41**

IMPORTANT NOTES:

For this ozone redesignation request, each county has two Census Tracts NOT included in the Population Growth calculations: 706.01 and 706.04 (Boone), 520.01 and 520.02 (Campbell), 637.01 and 637.02 (Kenton).). The method to omit the six total Census Tracts mentioned was by using the measurement function in *Google Earth*. This approximated the percentage of each county that was determined to be in the designated nonattainment area. This Area % was applied to Area and Non-Highway emission sources.

Individual county growth rates were averaged to represent the growth rate that was used to project emissions in the future. The average growth rate was used since it better represents the overall growth for the three-county region.

2011 baseyear emissions were obtained from a variety of sources. Point source emissions were obtained from state emissions inventory databases. 2011 baseyear area and non-highway mobile source emissions were obtained from the National Emissions Inventory (U.S. EPA). Highway mobile source emissions were obtained from the Ohio-Kentucky-Indiana Regional Council of Governments, or OKI, in Cincinnati, Ohio. KYDAQ interpolated the highway mobile source emissions for the years 2017 and 2025. Growth rates in the "Pop Growth" worksheet, shaded in gray, were then applied to project the Future Year O_3 emissions for 2014 (attainment year), 2017, 2020, 2025, and 2030. Where applicable (area and non-highway), county portions were applied by multiplying the 2011 baseyear emissions for the entire county by the Area %. Emissions from the portions were then be projected out to Future Years.

NKY REDESIGNATION REQUEST: MOBILE SOURCE SAFETY MARGIN CALCULATIONS - VOC

2020 VOC	Boone	Step 1		8.54	-	7.00	=	1.54	x	0.15	=	**0.23**
		Step 2		1.38	+	0.23	=					**1.61**
	Campbell	Step 1		3.26	-	2.40	=	0.86	x	0.15	=	**0.13**
		Step 2		0.86	+	0.13	=					**0.99**
	Kenton	Step 1		5.82	-	4.52	=	1.30	x	0.15	=	**0.20**
		Step 2		1.30	+	0.20	=					**1.50**
											Total VOC Safety Margin for 2020:	**0.56**
											Total VOC Budget with Safety Margin for 2020:	**4.10**
2030 VOC	Boone	Step 1		8.54	-	5.84	=	2.70	x	0.15	=	**0.41**
		Step 2		0.77	+	0.41	=					**1.18**
	Campbell	Step 1		3.26	-	1.96	=	1.30	x	0.15	=	**0.20**
		Step 2		0.48	+	0.20	=					**0.68**
	Kenton	Step 1		5.82	-	3.90	=	1.92	x	0.15	=	**0.29**
		Step 2		0.73	+	0.29	=					**1.02**
											Total VOC Safety Margin for 2030:	**0.89**
											Total VOC Budget with Safety Margin for 2030:	**2.87**

NKY REDESIGNATION REQUEST: MOBILE SOURCE SAFETY MARGIN CALCULATIONS - NOx

2020 NOx	Boone	Step 1		16.21	-	13.59	=	2.62	x	0.15	=	**0.39**
		Step 2		2.41	+	0.39	=					**2.80**
	Campbell	Step 1		4.39	-	2.39	=	2.00	x	0.15	=	**0.30**
		Step 2		1.50	+	0.30	=					**1.80**
	Kenton	Step 1		6.83	-	3.73	=	3.10	x	0.15	=	**0.47**
		Step 2		2.28	+	0.47	=					**2.75**
											Total NOx Safety Margin for 2020:	**1.16**
											Total NOx Budget with Safety Margin for 2020:	**7.35**
2030 NOx	Boone	Step 1		16.21	-	10.67	=	5.54	x	0.15	=	**0.83**
		Step 2		1.05	+	0.83	=					**1.88**
	Campbell	Step 1		4.39	-	1.46	=	2.93	x	0.15	=	**0.44**
		Step 2		0.65	+	0.44	=					**1.09**
	Kenton	Step 1		6.83	-	2.28	=	4.55	x	0.15	=	**0.68**
		Step 2		0.99	+	0.68	=					**1.67**
											Total NOx Safety Margin for 2030:	**1.95**
											Total NOx Budget with Safety Margin for 2030:	**4.64**

APPENDIX D

OKI Mobile Source Emissions Inventory

Ozone Mobile Source Emissions Inventory for the Cincinnati Ozone Nonattainment Area

Includes the Ohio counties of Butler, Clermont, Clinton, Hamilton, and Warren, the Kentucky counties of Boone, Campbell and Kenton, and Dearborn County Indiana. Emission estimates for the Years 2011, 2014, 2020 and 2030

August 2015

Prepared for the Ohio Environmental Protection Agency, the Kentucky Division for Air Quality and the Indiana Department of Environmental Management by

OKI Regional Council of Governments

OKI
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Acknowledgments

Title	Ozone Mobile Source Emissions Inventory for the Cincinnati Ozone Nonattainment Area
Abstract	This report was prepared for the Ohio Environmental Protection Agency, the Kentucky Department for Air Quality, and the Indiana Department of Environmental Management. The Cincinnati Ozone Nonattainment Area includes a portion of Dearborn County Indiana, the counties of Boone, Campbell, Kenton in Kentucky, and the counties of Butler, Clermont, Clinton, Hamilton, and Warren in Ohio. Clinton County is outside of OKI's MPO area, however, the Ohio Department of Transportation prepared Clinton emission estimates which are included in this report. This report includes emission estimates for years 2011, 2014, 2020 and 2030. EPA's Motor Vehicle Emission Simulation (MOVES) 2014 was used to generate the emission inventory.
Date	August 2015
Agency	Ohio-Kentucky-Indiana Regional Council of Governments Mark Policinski, Executive Director Robert Koehler, P.E., Deputy Director
Project Manager	Andrew J. Reser, AICP
Project Staff	Larry Buckler

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Mobile Source Ozone Emissions Inventory for the Cincinnati Ozone Nonattainment Area

This report was prepared for the Ohio Environmental Protection Agency, the Kentucky Department for Air Quality, and the Indiana Department of Environmental Management. The Cincinnati 2008 Ozone Nonattainment Area includes a portion of Dearborn County Indiana, the counties of Boone, Campbell, Kenton in Kentucky, and the counties of Butler, Clermont, Clinton, Hamilton, and Warren in Ohio. Clinton County is outside of OKI's MPO planning area. The emission estimates for Clinton County were developed by the Ohio Department of Transportation and provided to OKI for inclusion in this report. This report includes emission estimates for years 2011, 2014, 2020 and 2030. The U.S. EPA's Motor Vehicle Emission Simulation (MOVES) 2014 was used to generate the emission inventory. Details on the various county data inputs used to generate the inventory are described in Table 5. Emissions of the ozone precursors, volatile organic compounds (VOC's) and oxides of nitrogen (NO_x), are reported.

Table 1 shows daily mobile source ozone emissions in tons per summer day for the Ohio and Indiana portion of the Cincinnati Ozone Nonattainment Area. The daily mobile source ozone emissions in tons per summer day for the Kentucky portion of the Cincinnati Ozone Nonattainment Area are shown in Table 2. The mobile source ozone emissions for the nonattainment portion only of each county is provided in Table 3. Mobile source emissions for entire counties are shown in Table 4.

Table 1

Mobile Source Emissions Inventory for the Indiana and Ohio Portions of the Cincinnati Ozone Nonattainment Area (tons per day)

	2011	2014	2020	2030
VOC	55.90	41.39	26.10	15.84
NOx	68.85	50.03	26.77	14.10

Table 2

Mobile Source Emissions Inventory for the Kentucky Portion of the Cincinnati Ozone Nonattainment Area (tons per day)

	2011	2014	2020	2030
VOC	8.47	6.50	3.54	1.99
NOx	17.72	14.04	6.20	2.69

Table 3				
Mobile Source Emissions by Nonattainment Portion (tons per summer day)				
State	**2011**	**2014**	**2020**	**2030**
Indiana				
Dearborn NonAttainment				
VOC	0.86	0.64	0.40	0.24
NOx	1.03	0.74	0.40	0.21
Ohio (entire county is NonAttainment)				
Butler				
VOC	10.21	7.59	4.79	2.88
NOx	12.24	8.85	4.74	2.44
Clermont				
VOC	6.27	4.66	2.94	1.77
NOx	7.52	5.44	2.91	1.50
Clinton				
VOC	2.27	1.53	0.93	0.71
NOx	4.53	3.51	1.86	1.28
Hamilton				
VOC	28.09	20.88	13.18	7.92
NOx	33.69	24.37	13.05	6.71
Warren				
VOC	8.21	6.10	3.85	2.32
NOx	9.84	7.12	3.81	1.96
OH/IN NonAttainment VOC Total	55.90	41.39	26.10	15.84
OH/IN NonAttainment NOx Total	68.85	50.03	26.77	14.10
Kentucky	**2011**	**2014**	**2020**	**2030**
Boone NA				
VOC	3.30	2.53	1.38	0.77
NOx	6.90	5.46	2.41	1.05
Campbell NA				
VOC	2.05	1.58	0.86	0.48
NOx	4.30	3.41	1.50	0.65
Kenton NA				
VOC	3.12	2.39	1.30	0.73
NOx	6.53	5.17	2.28	0.99
KY NonAttainment Total				
VOC	8.47	6.50	3.54	1.99
NOx	17.72	14.04	6.20	2.69

Table 4				
Mobile Source Emissions by County (tons per summer day)				
State	**2011**	**2014**	**2020**	**2030**
Indiana				
Dearborn				
VOC	1.33	0.99	0.62	0.38
NOx	1.89	1.37	0.74	0.39
Ohio				
Butler				
VOC	10.21	7.59	4.79	2.88
NOx	12.24	8.85	4.74	2.44
Clermont				
VOC	6.27	4.66	2.94	1.77
NOx	7.52	5.44	2.91	1.50
Clinton				
VOC	2.27	1.53	0.93	0.71
NOx	4.53	3.51	1.86	1.28
Hamilton				
VOC	28.09	20.88	13.18	7.92
NOx	33.69	24.37	13.05	6.71
Warren				
VOC	8.21	6.10	3.85	2.32
NOx	9.84	7.12	3.81	1.96
OH VOC Total	55.04	40.75	25.69	15.59
OH NOx Total	67.82	49.29	26.37	13.89
Kentucky	**2011**	**2014**	**2020**	**2030**
Boone				
VOC	3.68	2.82	1.54	0.86
NOx	7.75	6.14	2.71	1.18
Campbell				
VOC	2.29	1.76	0.96	0.54
NOx	4.83	3.83	1.69	0.74
Kenton				
VOC	3.48	2.67	1.46	0.82
NOx	7.34	5.81	2.57	1.12
KY Total				
VOC	9.46	7.26	3.95	2.22
NOx	19.93	15.78	6.97	3.03

Mobile Source Emission Forecast Process

Emission Factor Model

OKI's inventory assessment utilized U.S.EPA's emissions model MOVES 2014 to generate VOC and NO_x emissions. Table 5 summarizes the settings used in the MOVES run specification file. Table 6 lists the data used in the MOVES County-Data Manager. Further technical details on the use of MOVES are found in the appendix to the OKI report *"Mobile Source Emissions Inventory for Cincinnati PM2.5 Nonattainment Area"*, revised December 2010.

Table 5

MOVES RunSpec Parameter	Settings
MOVES 2014, default database 20141021	
Scale	County, Rates
Time Span	Time aggregation = Hour July weekday, July meteorological data All hours of day selected Weekdays only
Geographic Bounds	Two Custom Domains 1) 4 Ohio counties and Lawrenceburg IN; 2) 3 Kentucky counties
Vehicles/Equipment	All vehicle types. All vehicle/fuel type combos provided by MOVES except electric. Includes gasoline, diesel, ethanol and CNG.
Road Type	All road types including off-network
Pollutants and Processes	Total gaseous hydrocarbons, non-methane hydrocarbons, volatile organic compounds, and oxides of nitrogen
Strategies	none
General Output	Units= U.S. ton, joules and miles
Output Emissions	Time = 24-hour day, Location =county, on-road emission by road type
Advanced Performance	none

Table 6

County Data Manager	Data Source
Source Type Population	Local and default. Custom domain #1, local data from ODOT (2012) and InDOT (2011) motor vehicle registration data. Default data used for source types 41,51,52,53,54,61 and 62. Custom domain #2, local data from KYTC (2014) motor vehicle registration data. Default data used for source types 41,42,43,51,52,53,54,61 and 62. Annual growth rates used to adjust base year.
Vehicle Type VMT	Local and default. HPMSVTypeYear VMT= weekday DVMT from OKI

	travel demand model 8.0 with EPA's daily to annual VMT converter applied. monthVMTFraction = default. dayVMTFraction=default, hourVMTFraction=local.
I/M Programs	No I/M programs
Fuel Formulation	Default
Fuel Supply	Default
Meteorology Data	Default
Ramp Fraction	Local. OKI travel demand model.
Road Type Distribution	Local. OKI travel demand model.
Age Distribution	Local and default. Local data from ODOT (2012), InDOT (2011) and KYTC (2014) motor vehicle registration data. Default data used for source types 41,42,43,51,52,53,54,61 and 62.
Average Speed Distribution	Local. OKI travel demand model V8.0.

OKI Travel Demand Model

Vehicle miles traveled, vehicle hours and average speeds were estimated using the OKI Travel Demand Model Version 8.0. The OKI Travel Demand Model is composed of a series of CUBE Voyager programs written by Citilabs and OKI. The model covers the combined planning areas of OKI and the Miami Valley Regional Planning Commission. It is a state of the practice model that uses the standard 4 phase sequential modeling approach of trip generation, distribution, modal choice and assignment. The model uses demographic and land use data and capacity and free-flow speed characteristics for each roadway segment in the network to produce a "loaded" highway network with forecasted traffic volumes with revised speeds based on specified speed/capacity relationships.

Travel analysis zones are the basic geographic unit for estimating travel in the OKI model. The region is subdivided into 3312 traffic analysis zones to permit detail as well as manageability. A variety of socioeconomic data items are used in the OKI transportation planning process. These data are used primarily to forecast future travel patterns by serving as independent variables in OKI trip generation equations. The following categories of planning data are utilized:

- Population (household and group quarter)
- Households
- Household vehicles
- Employment (by employment category and zone of work)
- Labor force participation (by zone of residence)
- Area type

The principal data requirements of the OKI travel demand forecasting model are population and employment. From these variables, other characteristics including households, labor force, and personal vehicles may be derived. Chapter 3 of *OKI 2040 Regional Transportation Plan 2012 Update* provides a complete demographic overview of the region.

OKI utilizes both base year (2010) and future year data (2020, 2030 and 2040) in the planning process. Planning data are maintained at the Traffic Analysis Zone (TAZ) level, and originate in the 2010 Census of Population and Housing. Base year 2010 and future year data for each variable are developed through various methods. More detailed explanation of base year and future year data generation for each of the above-mentioned categories of planning data follows. All of the variables represent the latest OKI planning assumptions.

Population

Base and Future Year Data: Population data for base year 2010 and future years 2020, 2030 and 2040 originate with the 2010 US Census of Population. Utilizing the geographic information systems software ArcMap, population data at the zonal level for 2010 was derived from the area proportion allocation of census block level population.

As a tristate regional planning agency, OKI uses county level population projections prepared by the respective state data centers (Ohio Development Services, Kentucky State Data Center and Indiana Business Research Center) as control totals. The most current projections (years 2020 to 2040) were released by Ohio Development Services in 2013, Indiana Business Research Center in 2012 and the Kentucky State Data Center in 2012. Population projections at the zonal level are calculated by multiplying the 2010 household size by the projected zonal households. Then, household size is factored so that, in each county, the sum of the zonal populations equals the control total.

Households

Base Year Data: Household data for base year 2010 originates with the 2010 US Census of Population. Utilizing ArcMap, household data at the zonal level for 2010 was derived from the area proportion allocation of census block level households. Future Year Data: The development of household projections was accomplished by calculating the number of households for a projected county population using 2010 Census ratios of householders to total population by age specific cohorts for each future analysis year. This step results in county-level household control totals for each future analysis year. Disaggregation of households to TAZs was determined by historical trends, existing and future land use, topography, flood plain information, availability of land, local knowledge and other factors.

Household Vehicles

Base and Future Year Data: Base and future year household vehicle data were obtained from 2009-2013 American Community Survey tabulations at the block group level. Average vehicles per household were calculated for block groups and then applied to the TAZs associated with each block group. The 2020, 2030 and 2040 vehicles per household were held at the 2009-2013 level based on the fact that, since 2002, the number of vehicles per household has exceeded the number of drivers per household.

Labor Force

Base and Future Year Data: The OKI labor force is a function of the population as determined by a labor force participation rate (the number of employed persons in the labor force per persons 16 and over).

Household data for base year 2010 is derived from 2009-2013 American Community Survey tabulations. Utilizing ArcMap, labor force data at the zonal level for 2009-2013 was derived from the area proportion allocation of block group level. Labor force projections for 2020, 2030 and 2040 were based on the most recent projections of national labor force participation rates by age and sex cohorts from the U.S. Department of Labor, Bureau of Labor Statistics, for each of those years. These rates were then applied to the projected county age/sex cohorts and adjusted to eliminate the unemployed to arrive at a county employed labor force control total. Employed labor force at the zonal level is calculated by multiplying the labor force participation rate by the zonal population. The labor force participation rate is adjusted so that, in each county, the sum of the zonal labor force counts equals the control total.

Employment

Base Year Data: Quarterly Census of Employment and Wages (QCEW) data for 2010 was the primary tool used to calculate employment at the zonal level for the base year. Individual business records containing physical location, number of employees and NAICS code were geocoded in ArcMap and aggregated to the TAZ level. This data set was supplemented by other sources to complete the commuting employment picture in the OKI region. Each zone's employment was divided into 13 classes based on NAICS codes. NAICS codes assignment to a class was based on the potential for generating trips.

Future Year Data: For future year employment projection, calculation was first made of the employment at the regional level. At the regional level, employment is a calculation of the region's employed labor force minus workers who live in the region but commute out to work, plus workers who live outside the region but commute in to work. The regional total was disaggregated first to the county level based on historic trends and expected changes in the county's share of the region's employment and then to the TAZ level. Disaggregation to TAZs was determined by historical trends, existing and future land use, topography, flood plain information, availability of land, local knowledge and other factors.

Area Type

Base and Future Year Data: For each analysis year, each TAZ is assigned an area type designation as CBD, Urban, Suburban or Rural based on population and employment densities.

Model Calibration

OKI's Travel Demand Model has been validated to observed traffic volumes for the model base year 2005. The modeling network encompasses the entire ozone Maintenance area with the exception of Clinton County, Ohio. The modeling network also includes Greene, Miami and Montgomery counties in Ohio and the remainder of Dearborn County Indiana. The difference between estimated vehicle miles traveled (VMT) and 2005 observed VMT is less than 1%. A highway screenline analysis compares the screenline observed and simulated traffic volume discrepancies with the ODOT standard of maximum desirable deviation. The comparison shows that the model performs at a satisfactory level and all the errors were under the ODOT curve. Further information can be found in OKI's 2007 report, "*OKI/MVRPC*

Travel Demand Model Methodology/ Validation Report". For the calibration, OKI used over 3000 traffic counts collected through 2006 by the Ohio Department of Transportation (ODOT), the Kentucky Transportation Cabinet, many county and local governments, transportation engineering consultants, and OKI. These traffic counts cover nearly 50% percent of the links in the OKI portion of the modeling network. The methodology provides consistency with past emission inventory and conformity analysis work performed by OKI.

Local Inputs and Post-Model Processing

OKI incorporates a variety of sources of local data to both improve and confirm the accuracy of VMT, as well as other travel-related parameters. Free flow speeds used on the highway and transit networks are compared to third party data of actual travel speeds gathered by anonymous cell phones, in-vehicle navigation systems and GPS-enabled fleet vehicles. The OKI post-processing program, IMPACT, uses the loaded highway network to generate VMT by hour, VMT by speed distribution and VMT by facility type. These tables are then combined with MOVES emission factors to generate emissions. Two separate sets of VMT tables are generated: one for the four Ohio counties plus Dearborn County Indiana, and a second for the three Kentucky counties. The VMT by hour tables utilize hourly traffic distribution and directional split factors for different roadway types as developed by OKI. The main source of the data is traffic counts from the permanent traffic counting stations located throughout the OKI region for the years of 2008-2012. This data was supplemented with data collected at coverage count stations (locations with counts taken on only one-two days). The stations were classified by area type: urban and rural, and functional classification: freeway, arterial and collector. Speeds representing various "loaded" conditions (with traffic volumes) are estimated using techniques from the 2010 Highway Capacity Manual. This permits the estimation of speeds as conditions vary from hour to hour on the different facility types throughout the region. The IMPACT program performs the appropriate summation by area and roadway type as well as regional totals. OKI has also developed seasonal conversion factors to adjust traffic volumes to summer conditions. The factors were derived from local data collected at permanent traffic counting stations during 2008-2012 utilizing the average daily traffic monthly conversion factors for June, July and August.

APPENDIX E

Kentucky Projected Inventory Methodology and Documentation

O_3 Redesignation Request Emissions Summary and Projections

Boone, Campbell, Kenton Counties

Introduction

In the summer of 2015, the Kentucky Division for Air Quality (KYDAQ) collaborated with the Indiana Department of Environmental Management (IDEM) and the Ohio Environmental Protection Agency (Ohio EPA) to prepare a redesignation request for the 2008 ozone (O_3) National Ambient Air Quality Standard (NAAQS). The specific area is the Cincinnati-Hamilton, OH-KY-IN O_3 nonattainment area.

The purpose of this document is to explain KYDAQ's process of compiling emissions data and the methodologies used in calculating emission projections for only the Kentucky portion of the area. Table 1 lists the interstate counties involved in this redesignation request.

TABLE 1
CINCINNATI-HAMILTON, OH-KY-IN OZONE NONATTAINMENT AREA

State	County
Indiana	Dearborn (portion)
Kentucky	Boone (portion)
	Campbell (portion)
	Kenton (portion)
Ohio	Butler
	Clermont
	Clinton
	Hamilton
	Warren

A total of six Census Tracts, two in each Northern Kentucky county, are NOT included as part of the designated O_3 nonattainment area. Therefore, these Census Tracts are in attainment for the O_3 NAAQS. All of the other Census Tracts for each county comprise the O_3 nonattainment area in Northern Kentucky. The Census Tracts not included in the Northern Kentucky O_3 nonattainment area are listed in Table 2 below.

TABLE 2
CENSUS TRACTS NOT INCLUDED IN NORTHERN KENTUCKY OZONE NONATTAINMENT AREA

Kentucky County	2000 Census Tract (in attainment for O_3)
Boone	706.01 and 706.04
Campbell	520.01 and 520.02
Kenton	637.01 and 637.02

It should be noted that the 2000 Census Tracts were used, which at the time of designation represented the latest available data. As stated on the U.S. Census website, "*Because of changes in boundaries and entity names, as well as the creation of new entities, and the dissolution of others, users should not expect to find a 'one-to-one' relationship between the entity names and codes*" when comparing the 2000 Census data with the most-recent 2010 Census data.

Selection of Years

In developing this O_3 redesignation request, the initial step was to select the years from base year to maintenance year. After discussions between representatives from the KYDAQ, IDEM, and the Ohio EPA, the appropriate years were selected. For the base year, 2011 was selected to develop a comprehensive O_3 emissions inventory from which projected emissions could be estimated for several future years.

For the attainment year, 2014 was selected since it corresponds to one of the years in the design value showing attainment. These design value years are 2012, 2013, and 2014.

Table 3 below provides a summary of the years for each year type chosen for each state.

TABLE 3
YEARS FOR O_3 REDESIGNATION REQUEST – INDIANA, KENTUCKY, OHIO

Year	Year Type	Indiana	Kentucky	Ohio
2011	Base Year	√	√	√
2014	Attainment Year	√	√	√
2017	Interim Maintenance Year		√	
2020	Interim Maintenance Year	√	√	√
2025	Interim Maintenance Year		√	
2030	Maintenance Year	√	√	√

Therefore, the years for the Northern Kentucky area used in this redesignation request are:

2011, 2014, 2017, 2020, 2025, and 2030

Below are detailed explanations for projections on population growth factors and future year O_3 emissions from point, area, highway mobile, and non-highway mobile sources. All emission and projection data for the Northern Kentucky counties can be found in Appendix C.

Growth Rate Calculations

Source-specific growth rate calculation methodologies are explained in the sections that follow. There were specific methodologies used for point, area, and non-highway mobile sources.

To determine the best-estimated percentage for each county, the measurement function in *Google Earth* was used. These percentages are associated with area and non-highway mobile

sources only. Refer to these two sections below as they relate to county-specific area percentages.

Point Source Emissions

For Boone, Campbell, and Kenton Counties, point source facilities were first identified within the applicable Census Tracts. As indicated in the "Introduction" section, each county has two Census Tracts NOT included in the respective portion. There are a total of 21 facilities located within the designated Census Tract boundaries, as summarized below in Table 4.

TABLE 4
POINT SOURCE FACILITIES IN NORTHERN KENTUCKY – O_3 REDESIGNATION REQUEST

Kentucky County	Number of Point Source Facilities
Boone	17
Campbell	2
Kenton	2
TOTAL	**21**

There was a multi-step process in estimating the emissions out to the year 2030. This process can be divided into five steps based on the years involved.

1) 2011 Base Year: After the facility locations in the Northern Kentucky counties were identified, the 2011 base year emissions from those point sources were obtained from the Kentucky Emissions Inventory database.

2) 2025 Projected Year: After the 2011 base year emissions were obtained from the subject facility locations, growth rates were applied to estimate the 2025 projected emissions. These projected growth rates were based on EPA's 2011 National Emissions Inventory (NEI) and the 2011-2025 point source emission projections. Table 5 below summarizes EPA's NEI 2011-2025 emissions growth rates for both VOC and NO_x.

TABLE 5
EPA'S NEI 2011-2025 EMISSIONS GROWTH RATES – NORTHERN KENTUCKY COUNTIES

County	VOC	NOx
Boone	-0.14%	13.05%
Campbell	-3.50%	0.00%
Kenton	-6.46%	-0.20%

3) 2014 Attainment Year: After the 2025 projected emissions were calculated, the select years between the years 2011 and 2025 were interpolated. The 2011 base year emissions were multiplied by emission growth rates to obtain the projected emissions. Projected from the 2011 base year, or Present Year, these growth rates were first projected out to

2014. For the 2014 Attainment Year, the Future Year was 2025. The following formula was used in *Excel* to calculate these growth rates.

$$Growth\ Factor = EXP(RATE(Y,,-PY,FY))^{\wedge n}$$

Where Y = 14 = Total Years between Present and Future Years
PY = Present Year, in this case, 2011
FY = Future Year, in this case, 2025
n = 3 = Number of Years Out From Present Year

4) 2017 Projected and 2020 Projected Years: After the 2014 Attainment Year emissions were projected, emissions for the years 2017 and 2020 were interpolated. Since 2014 is the year of attainment, the 2014 attainment year emissions were multiplied by emission growth rates to obtain the projected emissions. Now projected from the 2014 attainment year, or Present Year, these growth rates were projected out to 2017 and 2020, respectively. For these projected years, the Future Year was still 2025. The following formula was used in *Excel* to calculate these growth rates.

$$Growth\ Factor = EXP(RATE(Y,,-PY,FY))^{\wedge n}$$

Where Y = 9 = Total Years between Present and Future Years
PY = Present Year, in this case, 2014
FY = Future Year, in this case, 2025
n = 3 = Number of Years Out From Present Year

A similar formula was also applied to calculate the growth rate for 2020 (where "n" equals 6).

5) 2030 Projected Year: For the final projection, emissions were projected from 2025 out to 2030. Based on the emissions data available, the annual emissions growth rate was calculated from 2011 and 2025, the two original years used in these emission calculations. This annual growth rate was multiplied by the number of years to project out, or 5 (out to 2030). This result was multiplied by the 2025 emissions. Finally, this was then added to the 2025 emissions. In summary, the following formula was used in *Excel* to calculate these growth rates.

2025 Projected x ((EPA NEI 2011-2025 Growth ÷ 14) x 5) + 2025 Projected

Where 14 = Total Years between 2011 and 2025
5 = Number of Years from 2025 to 2030

Area Source Emissions

IDEM provided county data for the entire interstate area from the years 2011 to 2030. KYDAQ obtained data from this source for all of the years for Kentucky's redesignation request: 2011, 2014, 2017, 2020, 2025, and 2030. Since these county emission totals represented entire

counties, specific area percentages were applied. Table 6 below summarizes the county area percentages that were used.

TABLE 6
COUNTY AREA PERCENTAGES FOR NORTHERN KENTUCKY OZONE NONATTAINMENT AREA
AREA AND NON-HIGHWAY MOBILE SOURCES

Kentucky County	Area Percentage[Δ]
Boone	57%
Campbell	56%
Kenton	54%

Δ Percentages were obtained by using the measurement function in *Google Earth*.

The application of these percentages to the county emissions for area sources resulted in the representation of emissions from the applicable Census Tracts.

Highway Mobile Source Emissions

The Ohio-Kentucky-Indiana Regional Council of Governments, or OKI, provided the highway mobile source emissions for 2011 base year, 2014 attainment year, 2020, and 2030. The KYDAQ interpolated emissions for the years 2017 and 2025. The emissions for the specific county portions were not calculated based on population percentages. Rather, the emissions were more accurately reflected by dividing the vehicle miles traveled in the portion by the vehicle miles traveled in the entire county.

Non-Highway Mobile Source Emissions

Just like area source emissions, IDEM provided county data for the entire interstate area from the years 2011 to 2030. KYDAQ obtained data from this source for all of the years for Kentucky's redesignation request: 2011, 2014, 2017, 2020, 2025, and 2030. Since these county emission totals represented entire counties, specific area percentages were applied. Table 6 from the "Area Source Emissions" section summarizes the county area percentages that were used.

The application of these percentages to the county emissions for non-highway mobile sources resulted in the representation of emissions from the applicable Census Tracts.

Summary of Emissions

The spreadsheet in Appendix C titled, "Total Emissions Summary," shows the 2030 emission totals for both volatile organic compounds (VOC) and oxides of nitrogen (NO_x) are significantly below the 2014 emission totals. There is a reduction in O_3 emissions for the subject portions in Boone, Campbell, and Kenton Counties. This reduction contributes to the overall emission reductions for meeting the 2008 O_3 NAAQS for the entire Cincinnati-Hamilton, OH-KY-IN ozone nonattainment area.

APPENDIX F

Public Notice and Statement of Consideration

KENTUCKY DIVISION FOR AIR QUALITY
NOTICE OF PUBLIC HEARING
8-HOUR OZONE NATIONAL AMBIENT AIR QUALITY STANDARD REDESIGNATION REQUEST FOR CINCINNATI-HAMILTON, OH-KY-IN

The Kentucky Energy and Environment Cabinet will conduct a public hearing on June 21, 2016 at 10:00 a.m. (EDT) in Training Room B of the GAPS Training Facility, 801 Teton Trail, Frankfort, Kentucky. Those participating in the public hearing should enter through the door on the side of the building facing Schenkel Lane. This hearing is being held to receive comments on a proposed State Implementation Plan (SIP) revision to redesignate the Kentucky portion of the Cincinnati-Hamilton, Ohio-Kentucky-Indiana ozone nonattainment area to attainment for the 2008 8-hour ozone National Ambient Air Quality Standard. This revision, when approved by the U.S. EPA, will redesignate Boone, Campbell, and Kenton Counties to attainment.

This hearing is open to the public and all interested persons will be given the opportunity to present testimony. The hearing will be held, if requested, at the date, time and place given above. It is not necessary that the hearing be held or attended in order for persons to comment on the proposed submittal to EPA. To assure that all comments are accurately recorded, the Division requests that oral comments presented at the hearing also be provided in written form, if possible. To be considered part of the hearing record, written comments must be received by the close of the hearing. Written comments should be sent to the contact person. If no request for a public hearing is received, the hearing will be cancelled, and notice of the cancellation will be posted at the website listed below. Request for a public hearing must be received no later than June 14, 2016 while all comments must be submitted no later than June 21, 2016.

The full text of the proposed SIP revision is available for public inspection and copying during regular business hours (8:00 a.m. to 4:30 p.m.) at the following Division for Air Quality locations: 200 Fair Oaks, 1st Floor, Frankfort, Kentucky; Florence Regional Office, 802 Veterans Mem Dr., Suite 110, Florence, Kentucky. Any individual requiring copies may submit a request to the Division for Air Quality in writing, by telephone, or by fax. Requests for copies should be directed to the contact person. In addition, an electronic version of the proposed SIP revision document and relevant attachments can be downloaded from the Division for Air Quality's website at: **http://air.ky.gov/Pages/PublicNoticesandHearings.aspx.**

The hearing facility is accessible to people with disabilities. An interpreter or other auxiliary aid or service will be provided upon request. Please direct these requests to the contact person.

CONTACT PERSON: Leslie Poff, Environmental Control Supervisor, Division for Air Quality, 200 Fair Oaks Lane, Frankfort, Kentucky 40601. Phone (502) 564-3999; Fax (502) 564-4666; E-mail lesliem.poff@ky.gov.

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