

Nonpoint Inventory

EIS and the NEI

- Emission Inventory System (EIS)
 - Data repository for air emissions data used to create the NEI
 - Contains State, Local, Tribal and EPA submitted data
 - Can be multiple emissions values for the same FIPS/pollutant/process
 - Annual, monthly, episodic, daily data
 - Data available via a password-protected web site
 - EIS Gateway <https://eis.epa.gov/eis-system-web/welcome.html>
- National Emission Inventory (NEI)
 - Snapshot in time from EIS
 - One emissions value per process selected
 - Typically S/L/T data used preferentially
 - Typically NEI only contains annual emissions values

S/L/T Reporting Requirement

- Air Emissions Reporting Rule (AERR)
<http://www.epa.gov/ttn/chief/aerr/>
 - Complete criteria pollutant inventory every 3 years
 - All point sources (emission threshold based on potential to emit)
 - **Nonpoint sources**
 - Onroad and Nonroad sources
 - Events (wildfires and prescribed fires)
 - 2011 Emissions due 12/31/2012, EIS window opens 6/1/2012
 - Annual reporting for type A point source facilities
 - Point source emission thresholds are higher
 - HAPs are submitted voluntarily by many S/L/Ts and are encouraged as part of an integrated report

Uses of the NEI

- The NEI is one of the key inputs for :
 - Modeling of national rules
 - NAAQS reviews, CSAPR, etc
 - Non-attainment Designations
 - NATA Review – toxics risk modeling
 - Trends reports and analyses

Components of the EIS

- Six different data categories
 - Facility Inventory
 - Point Emissions
 - **Nonpoint Emissions**
 - Onroad Emissions
 - Nonroad Emissions
 - Event Emissions (wildfires and prescribed fires)
 - No biogenic emissions, although these are part of EPA's modeling files

What are Nonpoint Sources?

- Stationary sources that individually are small and numerous, and that have not been inventoried as specific point or mobile sources.
- These sources are grouped in such a way that they can be estimated collectively using one methodology. Examples are;
 - Residential heating
 - Consumer solvents
- Also includes
 - Commercial Marine Vessels
 - Locomotives
 - Paved roads, unpaved roads

Commercial Marine Vessels

- S/L/Ts should not report emissions for ships in Federal Waters
 - We will use EPA estimates for all ships in federal waters
- Emissions must be reported at the shapeID level in counties where appropriate shapeIDs exist. Use the EIS shapeID library under reporting codes
- Emissions Type Code is required (indicates cruise, hoteling, maneuvering, refueling and reduced speed zone)
- Anytime EPA data exists for a shapeID/SCC/poll/emistype combination that does not exist in the submitted data, both will be selected and may cause double counting.

Locomotives

- Rail yards are preferred to be reported as points.
- Line haul class 1 and class 2/3 rail emissions must be reported at the shapeID level in counties where appropriate shapeIDs exist. Use the EIS shapeID library under reporting codes

How do I report using shapefiles?

The screenshot shows the EPA EIS System Web interface. The left sidebar contains navigation menus for Reporting Code Tables, QA Checks, View Dataset Identifiers, Inventory Cycle Management, EIS Bridge, SUPPORT, ACCOUNT DATA, and CONTENT MANAGEMENT. The main content area displays a list of reporting code tables with their descriptions. The 'Port Identifiers' entry is circled in red.

Reporting Code Table	Description
Event Classification Code	Table of codes that identify the classification of a fire.
Event Size Source Code	Table of codes that identify methods used to determine the size of an event.
Event Stage Code	Identifies whether emissions reported are due to flaming, smoldering, or both.
Facility Category Code	Code that identifies the Clean Air Act Stationary Source designation. Examples include major, minor, and synthetic minor.
Facility Site Status Code	Code that identifies the operating status of the facility site.
Facility Source Type Code	Category or source type of a facility for EIS classification.
Fuel Configuration Code	The predominant configuration of the fuel burned (i.e., pile, windrow, broadcast or natural).
Fuel Consumption And Emissions Model Code	Code that identifies the unit of measure for the amount of fuel consumed.
Fuel Loading Unit of Measure Code	Code that identifies the numerator of the unit of measure for the fuel loading.
Fuel Selection Code	The method used (on-site survey vs. GIS overlay) to select the appropriate fuel beds (e.g., red spruce, chaparral, sawgrass, or logging slash).
Fuel Type Model Code	The fuel model used to characterize available fuel beds (e.g., FCCS or NFDRS).
Geographic Reference Point Code	The code that represents the place for which geographic coordinates were established. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Geometric Type Code	The code that represents the geometric entity represented by one point or a sequence of latitude and longitude points. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Ground Based Data Source Code	Indicates whether ground-based data were included and if so, identifies their source.
Heat Release Unit Of Measure Code	Code that identifies the unit of measure for heat release.
Horizontal Collection Method Code	The code that identifies the method used to determine the latitude and longitude coordinates for a point on the earth. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Horizontal Reference Datum Code	The code that represents the reference datum used in determining latitude and longitude coordinates. See www.epa.gov/oei/ for more information on the proper usage of this code set.
Ignition Location Code	The location and distribution of the ignition points within the burn area (e.g., center or multiple).
Ignition Method Code	The method used to ignite the fire (i.e., DAID, heiltorch, or driptorch).
Ignition Orientation Code	The technique used to direct the orientation of the fire's movement with respect to the wind (i.e., backing, strip-heading, or flanking).
Location Address State Code	The alphabetic codes that represent the name of the principal administrative subdivision of the United States, Canada, or Mexico.
Location Type Code	Identifies the type of code or identifier that is being excluded.
NAICS Code	The code that represents a subdivision of an industry that accommodates user needs in the United States.
Pollutant Code	The code for the pollutant which is controlled by the control measure.
Port Identifiers	The code that identifies a shapefile of type port.
Railway Segment Identifiers	The code that identifies a shapefile of type railway segment.
Regulatory Code	The code that describes the regulation applicable to the emissions unit activity or process.
Release Point Exit Gas Flow Rate Unit of Measure Code	The unit of measure for the stack gas flow rate value.
Release Point Exit Gas Velocity Unit of Measure Code	The unit of measure for the velocity of an exit gas stream value.
Release Point Status Code	Code that identifies the operating status of the release point site.

Shapefiles

The screenshot shows the EPA EIS System Web interface. The browser address bar displays <https://eis.epa.gov/eis-system-web/shape/lis>. The page features a navigation menu on the left with sections for REPORTS, REFERENCE DATA, SUPPORT, and ACCOUNT DATA. The main content area displays a table of shapefiles with columns for Shape Identifier, Port Name, Fips Code, and Area in square miles. The entry for Baltimore (Shape Identifier 10147) is circled in red.

Shape Identifier	Port Name	Fips Code	Area in square miles
10000	Albany	36001 (Albany, New York)	0.3878666
10001	Alpena	26007 (Alpena, Michigan)	0.04240724
10002	Anacortes	53057 (Skagit, Washington)	0.08532005
10003	Anchorage	02020 (Anchorage, Alaska)	0.53040326
10004	Ashtabula	39007 (Ashtabula, Ohio)	0.5104288
10147	Baltimore	24003 (Anne Arundel, Maryland)	0.47381672
10148	Baltimore	24005 (Baltimore, Maryland)	2.318912
10149	Baltimore	24510 (Baltimore city, Maryland)	7.160195
10005	Barbers Point	15003 (Honolulu, Hawaii)	0.33698225
10006	Baton Rouge	22005 (Ascension, Louisiana)	56.918114
10007	Baton Rouge	22033 (East Baton Rouge, Louisiana)	66.67836
10008	Baton Rouge	22047 (Iberville, Louisiana)	65.31524
10009	Baton Rouge	22121 (West Baton Rouge, Louisiana)	111.113655
10010	Beaumont	48245 (Jefferson, Texas)	4.858752
10011	Beaumont	48361 (Orange, Texas)	0.26710904
10164	Biloxi, MS	28047 (Harrison, Mississippi)	0.19622037
10012	Boston	25017 (Middlesex, Massachusetts)	0.67535377
10013	Boston	25025 (Suffolk, Massachusetts)	0.5823123
10014	Bridgeport	09001 (Fairfield, Connecticut)	0.26778936
10015	Brownsville	48061 (Cameron, Texas)	2.053423
10016	Brunswick	13127 (Glynn, Georgia)	0.3650601
10150	Buffalo	36029 (Erie, New York)	4.9257355
10175	Buffington, IN	18089 (Lake, Indiana)	0.19622037
10017	Burns Harbor	18127 (Porter, Indiana)	0.8401135
10018	Calcite	26141 (Presque Isle, Michigan)	0.021764237
10019	Camden	34007 (Camden, New Jersey)	0.38438213
10020	Carquinez	06013 (Contra Costa, California)	0.11063455
10021	Catalina	06037 (Los Angeles, California)	4.4039678E-4
10022	Charleston	45019 (Charleston, South Carolina)	0.47660846
10173	Charlevoix, MI	26029 (Charlevoix, Michigan)	0.19622037
10166	Chattanooga, TN	47065 (Hamilton, Tennessee)	0.19622037
10152	Chester, PA	42045 (Delaware, Pennsylvania)	0.10937001

CMV and Rail

- Location
 - State and County Code
 - AND Shapefile Identifier (if exists in that county)
- Emission Process
 - State and County Code
 - Shapefile Identifier (if exists in that county)
 - Specific SCCs
 - Emissions Type Code (CMV only)

CMV and Rail SCCs

The screenshot shows the EIS Gateway website interface. The browser address bar displays <https://eis.epa.gov/eis-system-web/code/scc/>. The page title is "EIS Gateway" with a user profile for Sally Dombrowski. The main content area is titled "Source Classification Code List" and includes a search prompt: "Search on 'Rail' or 'Marine Vessels, Commercial'". The search results table shows 5 entries, with the search term "Rail" circled in red in the search input field.

Source Classification Code List
Name: Source Classification Code
Description: The 8 or 10-digit EPA Code that describes an emission source.

Show 25 entries | Status: Active

Data Category	Code	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Map To	Last Inventory Year	Option Group	Option Set
Nonpoint	2285002006	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives:			Class I Operations	
Nonpoint	2285002007	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives:			Class II / III Operations	
Nonpoint	2285002008	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives:			Passenger Trains (Amtrak)	
Nonpoint	2285002009	Mobile Sources	Railroad Equipment	Diesel	Line Haul Locomotives:			Commuter Lines	
Nonpoint	2285002010	Mobile Sources	Railroad Equipment	Diesel	Yard Locomotives				

Showing 1 to 5 of 5 entries (filtered from 11717 total entries) | First | Previous | 1 | Next | Last
Download Results: [CSV](#)

Emission Type Code

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/code/list.html?codeMetadataId=40

File Edit View Favorites Tools Help

Convert Select

EIS

EIS Gateway

Sally Dombrowski; EIS: Content Manager Role, Authenticated Role, Inventory Selector Role, Inventory Developer Role, Account Manager Role

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » Inventory Selection

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks

Code Table List View

Name: Emissions Type Code
Description: Defines the type of emissions produced by Onroad and Nonroad sources (e.g., exhaust, evaporative and tire wear) and mode types for commercial marine vessels (e.g., cruise and reduced speed zone).

9 items found, displaying all items.

Emissions Type Code	Description	Onroad	Nonroad	Nonpoint
B	Brake Wear	Yes	No	No
C	Cruise	No	No	Yes
E	Evaporation	Yes	Yes	No
H	Hoteling	No	No	Yes
M	Maneuvering	No	No	Yes
R	Refueling	No	Yes	No
T	Tire Wear	Yes	No	No
X	Exhaust	Yes	Yes	No
Z	Reduced Speed Zone	No	No	Yes

9 items found, displaying all items.
Download Results: [CSV](#)



Done

Local intranet 100%

Estimation of Emissions – EPA Collaboration with States/Locals

- Eastern Regional Technical Advisory Committee (ERTAC)
 - First done for 2008
 - Comprised of the SLT east of the Mississippi River and EIAG
 - Kept the name ERTAC for consistency
- Expanded to all SLT for 2011 NEI effort
 - voluntary
- Purpose
 - Coordinate emission inventory needs for air quality modeling
 - Develop and improve emission inventories
 - Agree on methods, emission factors, and SCCs for developing default emissions
- EPA will develop emissions using these methodologies.
- Complete all sectors by July 2012

Methodologies/Emissions Posted on Web

- Posted on EPA website when completed
 - Somewhere on CHIEF, not sure where yet
 - Posted files will contain methodologies, emission factors, activity data, other info as appropriate
- SLT encouraged to review emissions and if emissions ok, to not submit.
 - Can indicate to EPA that you accept EPA emissions
 - This would allow EPA emissions to be selected in NEI
- SLT encouraged to submit “better” data if desired.
 - Also encouraged to use the same SCC

Sectors EPA Will Estimate for 2011

- ICI Fuel Combustion (activity data will be released)
- Residential fuel consumption
 - Coal (anthracite & bituminous)
 - Distillate oil
 - Natural gas
 - LPG
 - Kerosene
 - Wood
- Paved roads
- Unpaved roads
- Commercial cooking
- Construction activities
 - Road, residential, non-residential
- Mining and quarrying

Sectors EPA Will Estimate for 2011, cont.

- Solvents
 - Architectural Coatings
 - Auto Refinishing
 - Surface Coating - Traffic Markings
 - Surface Coating - Factory Finished Wood
 - Surface Coating - Wood Furniture
 - Surface Coating - Metal Furniture
 - Surface Coating - Paper, foil, and film
 - Surface Coating - Metal Can Coating
 - Surface Coating - Sheet, strip, and coil
 - Surface Coating - Machinery and Equipment
 - Surface Coating - Large Appliances
 - Surface Coating - Electronic and other Electric Coatings
 - Surface Coating - Motor Vehicles
 - Surface Coating - Aircraft
 - Surface Coating - Marine
 - Surface Coating – Railroad
 - Surface Coating - Miscellaneous Manufacturing
 - Industrial Maintenance Coatings
 - Other Special Purpose Coatings

Sectors EPA Will Estimate for 2011, cont.

- Solvents, Continued
 - Degreasing
 - Dry Cleaning
 - Graphic Arts
 - C&C: Cosmetics and Toiletries
 - C&C: Cleaning Products; Household
 - C&C: Auto Aftermarket
 - C&C: Coatings and Related Products
 - C&C: adhesives and sealants
 - C&C: FIFRA Regulated Products
 - C&C: Misc. Products (not otherwise covered)
 - Cutback Asphalt paving
 - Emulsified Asphalt paving
 - Agricultural pesticide application
- Portable fuel containers
- Gasoline distribution, stage 1 & stage 2
- Aviation gasoline distribution, stage 1 & stage 2 (general aviation only)
- Open Burning (yard waste, household waste and land-clearing debris)
- Publically Owned Treatment Works (POTW)
- Agricultural Tilling

Sectors EPA Will Estimate for 2011, cont.

- Fertilizer application
- Livestock
- Cremation – human
- Dental Preparation and Use
- General Laboratory Activities
- Lamp Breakage (Landfill emissions)
- Lamp (Fluorescent) Recycling
- Oil and Gas Production

Nonpoint Reporting Issues

- SCC Consistency
- Questionable Emissions Data
- Point Source Subtraction

SCC consistency

- Makes the merge of numerous datasets into the NEI easier.
- EIAG wrote some rules to handle the issue of different data sets having different SCCs for essentially the same process
 - Unexpected results
- EIAG working with ERTAC to Streamline the number of NP SCCs
 - No Changes for 2011 cycle
- General vs Specific SCCs
 - Never use SCCs to subtotal emissions
 - Never double count emissions in your submittal

Questionable Data

2008 Reporting issues

- Unexpected pollutants
 - Metals and PM-CON from fugitive dust sources (paved roads)
 - PM or Nox from evaporative sources
- Outliers
 - Extremely high values submitted
 - 277 tons of 2,3,7,8 dioxin from waste disposal
- Missing expected sources
 - Fireplaces but not woodstoves
- Errors in mass units (tons instead of pounds)
- Reporting one month of emissions as annual

What you can do

- QA your submittal before submitting it.
 - We will look at the data, but the more looks the better.
 - Make sure reported units are correct
 - EIS accepts many mass units, so you do not have to convert to tons to submit.
- Compare to previous year or to alternative data (EPA data or neighboring state)
 - Divide current submittal by last year's number
 - Graph ratio on x/y graph, look for values not on the $x=y$ line
 - Or can sort ratio and review real high and real low values
 - If emissions are off by factor of 2000, might be a pounds to ton conversion error
 - You can catch many of these common errors by this comparison.

Point Source Subtraction

- Necessary to avoid double counting of emissions
 - Regarding Point and Nonpoint
- Responsibility of Submitting Agency to Reconcile Point and Nonpoint
- Some sectors do not need to be adjusted for point sources
 - Consumer solvents, residential heating
- Others do
 - Industrial Fuel Combustion, Industrial Surface Coatings

Point Source Subtraction

1. Activity based

Nonpoint activity = Total activity for sector – Sum
of Point source activity

Done at state level or county level

Point Source Subtraction – Example Calculation, Activity Based

- 73,665 E6FT3 of Natural Gas used in the industrial sector (from dept of Energy)
 - Represents total NG used in Industrial Sector for state
- Subtract out volume of NG used in the facilities in the point source inventory (65,000 E6FT3)
 - At state level, county level usage usually not available
- Remainder (8665 E6FT3) used in nonpoint (area) inventory
 - Allocate to county appropriately

Point Source Subtraction (cont.)

2. Employment based

Nonpoint Employment = Total Employment
for source category – Sum of Point Source
Employment

Point Source Subtraction – Example Calculation, Employee Based

- Aircraft Surface Coating
 - Emission factor = 15 lbs VOC/ employee
- Need Total Employment data
 - Available by county from the Census Bureau, County Business Patterns
 - Relevant NAICS
 - 3364: Aerospace Product and Parts Manufacturing
- Need number of employees at Point source facilities

Point Source Subtraction – Example Calculation, Employee Based

- Sum the number of employees that work in the facilities in your point source inventory in each county
- Subtract that from the number of employees from the Census Bureau for that county
- The remainder are the number of employees that are employed in the nonpoint sources in that county
- Use the employee-based emission factors to estimate emissions for each county

Point Source Subtraction (cont.)

3. Emissions based

Uncontrolled NP Emiss = Total Uncontrolled Emiss
of Sector – Sum of Uncontrolled Emiss of Point
Sources

Not recommended for fuel combustion due the difficulty of estimating uncontrolled emissions. **Preferred approach for fuel combustion is the activity (fuel throughput) based approach.**

Point Source Subtraction – Example Calculation, Emissions Based

- Dry Cleaners
 - Have state level sales of solvents used at dry cleaners
 - Subtract out emissions reported at point sources
 - Remainder is emissions at nonpoint dry cleaners
 - Allocate to county using employment

Break

Short Break – Back in 10 minutes

EIS Format - Nonpoint Inventory

- 13 Tables, all must be submitted. Some can be null.
- Required (not null)
 - CERS
 - Exchange Header
 - Location
 - Emissions Process
 - Reporting Period
 - Emissions
- Optional (can be null)
 - Excluded Location Parameter
 - Regulation
 - Operating Details
 - Control Approach, Control Measure and Control Pollutant
 - Supplemental Parameter

Required - CERS

- Required
 - User ID (EIS login)
 - Usually your email address
 - Program System Code
 - e.g., ADEM - Alabama
 - Emissions Year
 - e.g., 2011
- Optional
 - Model
 - Model Version
 - Emissions Creation Date
 - Submittal Comment

Required - Exchange Header

- Required
 - Author Name (not ID)
 - Organization Name
 - Document Title (**EIS**)
 - Data Flow Name (**EIS_v1_0**)
 - Submission Type (**QA** or **Production**)
 - Property-Data Category (**Nonpoint**)
- Optional
 - Keywords
 - Comments
 - Property-NCD Data File (Only when submitting NCD)

Required - Location

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
- Optional
 - Location Comment

Required - Emissions Process

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
 - **Source Classification Code**
 - **Emissions Type Code** (Used for CMV)
- Optional
 - Process Comment

Required - Reporting Period

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
 - Source Classification Code
 - **Reporting Period Type Code**
 - Annual, monthly, 5 month ozone season, episodic, winter, summer day
 - **At a minimum, you must report annual (“A”)**
- Optional
 - Calculation Parameter Type Code (I, O, E)
 - Calculation Parameter Value and UOM (activity)
 - Calculation Material Code (fuel consumed or material)
 - Calculation Data Year (year of data if different)
 - Calculation Data Source (Source of activity data)
 - Reporting Period Comment

Required - Emissions

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
 - Source Classification Code
 - Reporting Period Type Code
 - **Pollutant Code**
 - **Total Emissions and UOM**
 - **Emissions Calculation Method Code**
 - e.g., 8=AP42 ef, 3=material balance
- Optional
 - Emission Factor, Numerator and Denominator
 - Emission Factor Text
 - Emissions Comment

Optional - Operating Details

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
 - Source Classification Code
 - Reporting Period Type Code
- Optional
 - Seasonal Throughput
 - All 4 seasons must be reported
 - Total must equal 100

Optional – Excluded Location

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
 - **Location Type Code**
 - **TC – Tribe**
 - **CTI – Census Tract Identifier**
 - **Location Parameter**
 - **Tribal Code or Census Tract Identifier**
- Optional
 - Location Comment

Optional - Control Approach

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
- Optional
 - Control Approach Description or Control Approach Comment
 - Percent Control Approach Capture Efficiency
 - Percent Control Approach Effectiveness
 - Adjustment to the control effectiveness to account for failures and uncertainty that affect actual performance of control
 - EPA default = 0.80
 - Percent Control Approach Penetration
 - % of category expected to be complying to the reg
- **If reporting Control Approach**
 - **Control Measure – Required**
 - **Control Pollutant - Required**

Control Measure

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
 - **Control Measure Code (Device or Practice)**
- Can have multiple Control Measures for a given Control Approach

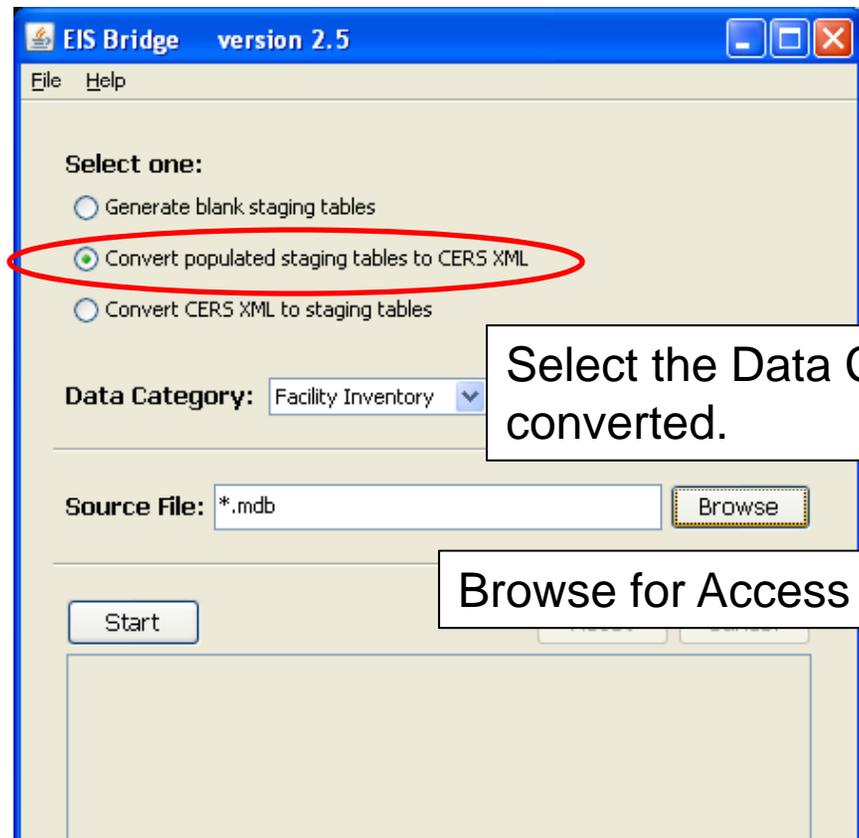
Control Pollutant

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
 - **Pollutant Code**
- Optional
 - Percent Control Measure Reduction Efficiency
- Can have multiple pollutant records

Optional – Supplemental Parameter

- Required
 - State/County FIPS, Tribal Code, OR Census Tract Identifier,
 - AND Shape Identifier (CMV and Rail)
 - Reporting Period Type Code
 - **Supplemental Calculation Parameter Type**
 - **Heat Content, Percent Sulfur Content, Percent Ash Content**
 - **Supplemental Calculation Parameter Value**
 - **Supplemental Calculation Parameter Numerator and Denominator**
 - **Heat Content must be BTU or E6BTU**
- Optional
 - Supplemental Calculation Parameter Data Year, Data Source and Comment

Creating XML File via the Bridge Tool



Select the Data Category being converted.

Browse for Access file and select "Start".

REMEMBER: The Bridge Tool works on Access 2003. If your file is saved as Access 2007 or later, you will need to do a "save as" to Access 2003 prior to using the Bridge Tool.

Common Bridge Tool Errors

- XML validation failed due to the following:
Invalid byte 1 of 1-byte UTF – 8 sequence.
 - This error is usually caused by a special character that may have been introduced if you used cut and paste.

Common Bridge Tool Errors

- Widows and orphans
- Duplicate records

Submitting the zipped XML File

- Two methods
 - Node-to-node
 - CDX web client (most common method)
 - <https://nodewebrss.epa.gov/user/Login.aspx>
 - Use Gateway login and password
- QA and Production Environment
 - QA is always open to check your data. Does not change anything in the EIS
 - Production submission is your official submission and will update the EIS
 - Recommend always sending to QA first



Exchange Network Web Client v2.0

Contact Us

Please Sign In.

ID

Password

Domain
default
IAMLdap
EPA

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact](#)

Last updated on Tuesday, January 31st, 2012
URL: <http://nodewebrss.epa.gov/user/Login.aspx>

U.S. Environmental Protection Agency

Exchange Network Web Client v2.0

Welcome to the Node 2.0 Web Interface

RSS/ATOM News Channel: RecoveryChannel ATOM

RSS Channel: Recovery

Published Date: Tue, 31 Jan 2012 08:17:30 -0500

Last Built Date: Tue, 31 Jan 2012 08:17:30 -0500

Description: Recovery Channel for interfacing to Recovery.gov

Language: en-us

- Home
- My Activity
- My Queries
- My Account
- News Channels
- News Composer
- Data Exchanges
- Recovery
 - EIS**
 - FRS
 - WCIT
- Operations
 - Download
 - Submit
 - Query
 - Solicit
 - Execute
- Searches
 - Service Search
 - History Search
 - RSS Search
 - Full Text Search
- Advanced

Select EIS from the left-hand side bar

- Mon, 30 Jan 2012 13:44:04 -0500

recovery.gov submitted on January 30, 2012
- Tue, 24 Jan 2012 13:12:16 -0500

EPA Weekly Financial and Activity Report for January 24, 2012

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 24, 2012
- Tue, 17 Jan 2012 13:47:35 -0500

EPA Weekly Financial and Activity Report for January 17, 2012

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 17, 2012
- Tue, 10 Jan 2012 10:18:21 -0500

EPA Weekly Financial and Activity Report for January 10, 2012

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 10, 2012
- Tue, 03 Jan 2012 12:43:13 -0500

EPA Weekly Financial and Activity Report for January 03, 2012

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on January 03, 2012
- Tue, 27 Dec 2011 13:40:18 -0500

EPA Weekly Financial and Activity Report for December 27, 2011

This is the EPA Weekly Financial and Activity Report for Recovery.gov submitted on December 27, 2011
- Tue, 20 Dec 2011 11:34:57 -0500

Exchange Network Node v2 - Windows Internet Explorer provided by EPA

https://nodewebrss.epa.gov/user/EIS.aspx

U.S. Environmental Protection Agency

Exchange Network Web Client v2.0

EIS_v1_0 Data Exchange (Show Help...)

Select Document: Browse...

Emails to Notify:

Submit

Done Local intranet 100%

Browse for your **ZIPPED XML** submission file.
Then complete your email notification. This can be more than one email address. Then select "Submit".

Email Notifications

- First email, from “CDXNotification”, immediate
 - Transaction Status: **Pending**
- Second email, also from “CDXNotification” , when EIS completes processing
 - Transaction Status: **Completed**. Feedback report is available at EIS Gateway
- Third email, from “noreply” (EIS Gateway) , on quarter hours
 - Status : Completed or **Failed**
 - Wrong file submission error – Usually a zipped Access file is submitted instead of the xml file
 - Window closed error – “User, agency, submission year not authorized”
 - Completed might be for an XML file containing no data
- Go to EIS Gateway and read the Feedback Report and resolve any critical errors and Potential Duplicates

The Feedback Report

- Summary Page
 - Name of submitter
 - What environment submissions was made to
 - QA or Production
 - Data Category submitted
 - Nonpoint
 - Total number of critical and warning errors.

Feedback Report Statistics

Component	Added	Updated
Location	0	0
ExcludedLocationParameter	0	0
LocationEmissionsProcess	670	0
ControlApproach	0	0
Regulation	0	0
ReportingPeriod	670	0
OperatingDetails	0	0
SupplementalCalculationParameter	0	0
Emissions	28676	0
Total	30016	0

Feedback Report

Critical Errors

- The most important page of your feedback report
- All critical errors must be resolved prior to submitting to Production
 - Or you might have problems

When will my data show up in EIS?

- Nonpoint data on the Gateway is available immediately
- Reports available the next day

Nonpoint/Onroad/Nonroad Emissions

The screenshot shows a web browser window titled "EIS - Windows Internet Explorer provided by EPA". The address bar shows the URL "https://eis.epa.gov/eis-system-web/process/area/search.html". The browser menu includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The main content area is titled "Nonpoint / Onroad / Nonroad Emissions Search". A yellow warning box states: "WARNINGS -> The selected search criteria yield more results than can be displayed. Please refine your search." Below this, the search criteria are listed: States (» NC), Counties (» All counties selected), Tribes (» All tribes selected), Data Categories (» Nonpoint), Sectors (» All sectors selected), and Source Classifications (» All source classifications selected). A table shows 10 entries with columns for Source Classification, Emissions Type Code, FIPS State and County, Tribal Name, Census Tract, and Shape Identifier. The entries are numbered from 2102001000 to 2103001000, all with a FIPS State and County of 37001. The table is followed by a pagination bar showing "Showing 1 to 10 of 200 entries" and buttons for "First", "Previous", "1", "2", "3", "4", "5", "Next", and "Last". A sidebar on the left contains navigation links under "VIEW/ADD/EDIT", "REPORTS", "REFERENCE DATA", and "SUPPORT". The "VIEW/ADD/EDIT" section includes "» Facility Inventory and Point Emissions", "» Potential Duplicate Facilities", "» Nonpoint/ Onroad/ Nonroad Emissions" (circled in red), "» Event Emissions", and "» NCD Activity Data". The "REPORTS" section includes "» Request Reports", "» Report Downloads", "» Large File Download", "» Feedback Reports", and "» Agency Submission History Report". The "REFERENCE DATA" section includes "» Reporting Code Tables", "» QA Checks", and "» EIS Bridge". The "SUPPORT" section includes "» View All Announcements" and "» View Support". The browser status bar at the bottom shows "Local intranet" and "100%".

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » EIS Bridge

SUPPORT

- » View All Announcements
- » View Support

Nonpoint / Onroad / Nonroad Emissions Search

WARNINGS
→ The selected search criteria yield more results than can be displayed. Please refine your search.

Search Criteria

- States » NC
- Counties » All counties selected.
- Tribes » All tribes selected.
- Data Categories » Nonpoint
- Sectors » All sectors selected.
- Source Classifications » All source classifications selected.

Show 10 entries

Search:

Source Classification	Emissions Type Code	FIPS State and County	Tribal Name	Census Tract	Shape Identifier
2102001000		37001			
2102002000		37001			
2102004000		37001			
2102005000		37001			
2102006000		37001			
2102007000		37001			
2102008000		37001			
2102011000		37001			
2102012000		37001			
2103001000		37001			

Showing 1 to 10 of 200 entries

First Previous 1 2 3 4 5 Next Last

Edit Search Criteria

Local intranet 100%

Editing Emissions

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/process/area/emissions.html?areaLocationId=-18939&sc=2102002000&emission

File Edit View Favorites Tools Help

Convert Select

EIS

Page Tools

Facilities

- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » EIS Bridge

SUPPORT

- » View All Announcements
- » View Support Requests
- » Create Support Request

ACCOUNT DATA

Reporting Periods: Select one or more Data Sets to view emissions

Show 10 entries

DataSet	Inventory Year	Reporting Period Type	Emissions Operating Type Code	Start Date	End Date
2002 NEI	2002	Annual		2002-01-01	2002-12-31
North Carolina Department of Environment and Natural Resources	2008	Annual			
2005 NEI	2005	Annual		2002-01-01	2002-12-31
2008 V1_5 GPR	2008	Annual			

Showing 1 to 4 of 4 entries

Download Results: [CSV](#)

Emissions

Pollutant type	Pollutant Code	Pollutant	North Carolina Department of Environment and Natural Resources 2005 Annual	2005 NEI 2005 Annual	2008 V1_5 GPR 2008 Annual
CAP	CO	Carbon Monoxide	0 TON	1.24265 LB	0 TON
CAP	NOX	Nitrogen Oxides	0 TON	2.73384 LB	0 TON
CAP	NH3	Ammonia	0 TON	0.00745593 LB	0 TON
CAP	PM25-PRI	PM2.5 Primary (Filt + Cond)	0 TON	0.606415 LB	0 TON
CAP	PM10-PRI	PM10 Primary (Filt + Cond)	0 TON	3.24084 LB	0 TON
CAP	VOC	Volatile Organic Compounds	0 TON	0.0124265 LB	0 TON
CAP	SO2	Sulfur Dioxide	0 TON	15.2998 LB	0 TON

Local intranet 100%

Editing Emissions

EIS Gateway
Sally Dombrowski; North Carolina Department of Environment and Natural Resources; Authenticated Role, S/L/T User Role

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables

Emissions Detail

- » Location
- » Emissions Process
- » Reporting Period
- ▼ Emissions

Pollutant:	Carbon Monoxide	Edit Emissions
Total emissions:	0.0	Delete Emissions
Emissions Unit of Measure:	TON	
Emissions calculation method:	8 - USEPA Emission Factor (no Control Efficiency used)	
Emissions factor:	1.0	
Emissions Factor UoM (Numerator):	TON	
Emissions Factor UoM (Denominator):	TON	
Emissions factor text:		
Comment:		
Last updated from:	Phyllis Jones	
Last updated by agency:	North Carolina Department of Environment and Natural Resources	
Last updated on:	2011-02-17 05:14 PM	

Done Local intranet 100%

Adding Emissions

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/process/area/emissions.html?areaLocationId=-18939&sc=2102002000&emission

File Edit View Favorites Tools Help

Convert Select

EIS

Process Emissions

» Facility Inventory and Point Emissions

» Potential Duplicate Facilities

» Nonpoint/ Onroad/ Nonroad Emissions

» Event Emissions

» NCD Activity Data

REPORTS

» Request Reports

» Report Downloads

» Large File Download

» Feedback Reports

» Agency Submission History Report

REFERENCE DATA

» Reporting Code Tables

» QA Checks

» EIS Bridge

SUPPORT

» View All Announcements

» View Support Requests

» Location

» Emissions Process

▼ Reporting Periods: Select one or more Data Sets to view emissions

Show 10 entries

DataSet	Inventory Year	Reporting Period Type	Emissions Operating Type Code	Start Date	End Date
2002 NEI	2002	Annual		2002-01-01	2002-12-31
North Carolina Department of Environment and Natural Resources	2008	Annual			
2005 NEI	2005	Annual		2002-01-01	2002-12-31
2008 V1_5 GPR	2008	Annual			

Showing 1 to 4 of 4 entries

Download Results: [CSV](#)

▼ Emissions

Pollutant type	Pollutant Code	Pollutant	North Carolina Department of Environment and Natural Resources 2008 Annual
CAP	CO	Carbon Monoxide	0 TON
CAP	NOX	Nitrogen Oxides	0 TON
CAP	NH3	Ammonia	0 TON
CAP	PM25-PRI	PM2.5 Primary (Filt + Cond)	0 TON
CAP	PM10-PRI	PM10 Primary (Filt + Cond)	0 TON

Local intranet 100%

Adding Emissions

Reporting Period View

- Location
- Emissions Process
- Reporting Period
 - Reporting Period Type: Annual
 - Emissions Operating Type Code:
 - Inventory Year: 2008
 - Reporting Agency: North Carolina Department of Environment and Natural Resources
 - Data Set: North Carolina Department of Environment and Natural Resources
 - Start Date:
 - End Date:
 - Material Code: Employee
 - Calculation Parameter Type: Existing
 - Calculation Parameter Value: 22657.0
 - Calculation Parameter UOM: EACH
 - Calculation Data Year:
 - Calculation Data Source:
 - Comment:
 - Last updated from: Phyllis Jones
 - Last updated by agency: North Carolina Department of Environment and Natural Resources
 - Last updated on: 2011-02-17 05:14 PM
- Operating Details
- Reporting Period Supplemental Calculation Parameters
- Control Approaches
- Regulations
- Excluded Locations

VIEW/ADD/EDIT

- Facility Inventory and Point Emissions
- Potential Duplicate Facilities
- Nonpoint/ Onroad/ Nonroad Emissions
- Event Emissions
- NCD Activity Data

REPORTS

- Request Reports
- Report Downloads
- Large File Download
- Feedback Reports
- Agency Submission History Report

REFERENCE DATA

- Reporting Code Tables
- QA Checks
- EIS Bridge

SUPPORT

- View All Announcements
- View Support

Add Emissions

- Location
- Emissions Process
- Reporting Period
- Emissions
 - Pollutant: -- Select --
 - Total Emissions:
 - Emissions Unit Of Measure: -- Select --
 - Emissions Calculation Method: -- Select --
 - Emissions Factor:
 - Emissions Factor UOM (numerator): -- Select --
 - Emissions Factor UOM (denominator): -- Select --
 - Emissions Factor Text:
 - Comment:

Save Undo Cancel

VIEW/ADD/EDIT

- Facility Inventory and Point Emissions
- Potential Duplicate Facilities
- Nonpoint/ Onroad/ Nonroad Emissions
- Event Emissions
- NCD Activity Data

REPORTS

- Request Reports
- Report Downloads
- Large File Download
- Feedback Reports
- Agency Submission History Report

REFERENCE DATA

- Reporting Code Tables
- QA Checks
- EIS Bridge

SUPPORT

- View All Announcements

Agency Submission History Report

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables

Agency Submission History Report

Select the inventory year of interest

Inventory Year: 2008

Show 10 entries

Search: _____

Agency Organization	Region Code	Facility Inventory	Point	Nonpoint	Onroad	Nonroad	Event
North Carolina Department of Environment and Natural Resources	04	2010-12-02 05:10 PM	2011-09-20 12:29 PM	2011-12-12 01:23 PM	2010-08-18 01:47 PM	N/A	2010-08-31 02:42 PM

Showing 1 to 1 of 1 entries

Download Results: [CSV](#)

First Previous 1 Next Last

Local intranet 100%

Agency Submission History Report

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/analysis/agencyCountyCount.html?inventoryYear=2008&agencyId=-114

EIS Gateway
Sally Dombrowski; North Carolina Department of Environment and Natural Resources; Authenticated Role, S/L/T User Role

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables

Agency County/Tribe Count Report

▼ Agency/Data Category Context

Agency Description: [North Carolina Department of Environment and Natural Resources](#)
 Data Category: Nonpoint
 Inventory Year: 2008

Show 10 entries Search:

County/Tribal Code	County/Tribal Name	Unique Processes Count	Unique Pollutants Count	Unique SCC/Pollutants Count
37001	Alamance	120	43	285
37003	Alexander	119	7	242
37005	Alleghany	118	7	235
37007	Anson	119	7	242
37009	Ashe	118	7	235
37011	Avery	118	7	235
37013	Beaufort	118	7	235
37015	Bertie	119	7	242
37017	Bladen	118	7	235
37019	Brunswick	118	7	235

Done Local intranet 100%

Agency Submission History Report

The screenshot displays the EPA EIS System Web Reports interface. The browser address bar shows the URL: <https://eis.epa.gov/eis-system-web/reports/>. The page title is "Agency County/Tribe Pollutant Count Report".

Report Context:

- Agency Description: [Alabama Department of Environmental Management](#)
- Data Category: Nonpoint
- County: [01001 - Autauga, AL](#)
- Inventory Year: 2008

Below the context, there is a search bar and a "Show 100 entries" dropdown. The main data is presented in a table with the following columns: SCC, Emissions Type Code, Pollutant Count, and Expected Pollutant Count.

SCC	Emissions Type Code	Pollutant Count	Expected Pollutant Count
2102001000		10	0
2102002000		10	0
2102004000		10	0
2102005000		10	0
2102006000		10	0
2102007000		10	0
2102011000		10	0
2103001000		10	0
2103002000		10	0
2103004000		10	0
2103005000		10	0
2103006000		10	0
2103007000		10	0
2103011000		10	0
2104008100		36	0
2104008210		54	0
2104008220		56	0
2104008230		54	0
2104008310		54	0

The interface includes a left-hand navigation menu with sections: VIEW/ADD/EDIT, REPORTS, REFERENCE DATA, and SUPPORT. The Windows taskbar at the bottom shows the time as 2:04 PM on 2/23/2012.

How do I get data out of EIS?

https://eis.epa.gov/eis-system-web/reports/i

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » View Dataset Identifiers
- » Inventory Cycle Management
- » EIS Bridge

SUPPORT

- » Administration Console
- » View All Announcements
- » View Support Requests
- » Create Support Request

ACCOUNT DATA

- » My Account
- » My Agency
- » Account List
- » Current Users List
- » Account Request List

Facility Configuration

7 reports providing details of different aspects of the Facility Configurations, across all Agencies, filterable by geography, NAICS, Facility Type, Oper Status or Reg Code. Only EIS identifiers provided.

Emissions Snapshot

All Emissions data elements in CERS XML format for Point, Nonpoint, Onroad, Nonroad, or Event emissions. Can be run for either S/LT Agency reported emissions or for USEPA emissions datasets. Data is returned at Process ID or SCC level detail. Snapshot updates can be requested and will be generated overnight.

Report Name	Report Description
By Responsible Agency	Point, Nonpoint, Onroad, Nonroad, Event emissions data for a single S/LT Agency's jurisdiction. Both EIS and S/IT Agency identifiers are provided.
By Facility Type	Point emissions data for all facilities which have been tagged as a single specific Facility Type. Only EIS identifiers are provided.

Emissions Summaries

Emissions data aggregated to various levels of detail in a flat file CSV format. Can filter by pollutant, geographic area, Facility Type, NAICS, regulations, sector or Source Classification Codes. Request run every 15 minutes.

Report Name	Report Description
By Facility	Point emissions data at facility, unit, process, or release point level. Both EIS and S/LT Agency identifiers are provided.
By Geography	Point, Nonpoint, Onroad, Nonroad or Event emissions data at National, Regional, State/Tribe or County geographic level.

Event Comparisons

Report Name	Report Description
Event/Event Comparison	Provides a comparison for events that may have been reported in more than one data set.
Event/Nonpoint Comparison	Provides a comparison of emissions where event related emissions may have been reported in both the Event and NonPoint data categories.

Downloads

Report Name	Report Description
Large File Download	Also located under Reports on the Gateway sidebar, a set of full US emissions summaries and SMOKE flat files already generated and available for download.
Report Downloads	Also located under Reports on the Gateway sidebar, reports requested for download as well as reports requested by other users within your agency can be found here.

2:25 PM
2/23/2012

Reports – Emissions by Geography

The screenshot shows a Windows Internet Explorer browser window with the address bar displaying <https://eis.epa.gov/eis-system-web/reports/geographicAggregate/criteria.html>. The page title is "Emissions Summaries by Geography (CSV)".

Report Criteria

- Report Type > a Report Type is required.
- Data Set > a Data Set is required.
- Pollutants > at least one Pollutant is required.
- Geography > All geographic regions included.
- Sectors > All Sectors Selected.

Report Type

- National by Data Category
- National by Sector
- National by Source Classification
- Regional by Data Category
- Regional by Sector
- Regional by Source Classification
- State/Tribe by Data Category
- State/Tribe by Sector
- State/Tribe by Source Classification
- County by Data Category
- County by Sector
- County by Source Classification

Data Set or Selection

Left Navigation Panel:

- VIEW/ADD/EDIT**
 - » Facility Inventory and Point Emissions
 - » Potential Duplicate Facilities
 - » Nonpoint/ Onroad/ Nonroad Emissions
 - » Event Emissions
 - » NCD Activity Data
- REPORTS**
 - » Request Reports
 - » Report Downloads
 - » Large File Download
 - » Feedback Reports
 - » Agency Submission History Report
- REFERENCE DATA**
 - » Reporting Code Tables
 - » QA Checks
 - » EIS Bridge
- SUPPORT**
 - » View All Announcements

The browser's status bar at the bottom shows "Done", "Local intranet", and "100%".

Reports

Emissions by Geography

The screenshot displays the EPA Emissions System Web Reports interface. The browser address bar shows the URL: <https://eis.epa.gov/eis-system-web/reports/>. The page title is "Emissions Summaries by Geography (CSV)".

Report Criteria:

- Report Type: County by Source Classification
- Data Set: 2008-2008 V2_0 GPR
- Pollutants: at least one Pollutant is required.
- Geography: All geographic regions included.
- Sectors: All Sectors Selected.

Data Set or Selection:

Show 10 entries

Data Set or Selection	Inventory Year	Data Set Name
Selection	2009	2009 v1 GPR
Selection	2008	2008 V1_5 GPR
Selection	2008	2008 V1_7 GPR
Selection	2008	2008 V2_0 GPR
Selection	2008	2008 V2_0 Point GPR

Showing 1 to 5 of 5 entries (filtered from 503 total entries)

Navigation: First Previous 1 Next Last

Search: gpr

Left Navigation Menu:

- VIEW/ADD/EDIT**
 - Facility Inventory and Point Emissions
 - Potential Duplicate Facilities
 - Merge Processes
 - Nonpoint/ Onroad/ Nonroad Emissions
 - Event Emissions
 - NCD Activity Data
 - Inventory Selection
- REPORTS**
 - Request Reports
 - Report Downloads
 - Large File Download
 - Feedback Reports
 - Agency Submission History Report
- REFERENCE DATA**
 - Reporting Code Tables
 - QA Checks
 - View Dataset Identifiers
 - Inventory Cycle Management
 - EIS Bridge
- SUPPORT**
 - Administration Console

Bottom Buttons: Run Report, Request Download

System Tray: 2:32 PM, 2/23/2012

Reports

Emissions by Geography

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/geographicAggregate/criteria.html

File Edit View Favorites Tools Help

Convert Select

EIS

Home RSS Print Page Tools

- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » EIS Bridge

SUPPORT

- » View All Announcements
- » View Support Requests
- » Create Support Request

Report Type » National by Sector

Data Set » 2008-2008 V1_5 GPR

Pollutants » NOX

Geography » All geographic regions included.

Sectors » All Sectors Selected.

» Report Type

» Data Set or Selection

▼ Pollutants

Select **All** All Active All CAPs Active CAPs All HAPs Active HAPs 16 HAPs None

Show 10 entries Search: nox

Pollutant Type	Pollutant Code	Pollutant Name	Status
CAP	CO	Carbon Monoxide	Active
CAP	NOX	Nitrogen Oxides	Active
HAP	94757	2,4-Dichlorophenoxy Acetic Acid	Active

Showing 1 to 3 of 3 entries (filtered from 471 total entries) **First Previous 1 Next Last**

» Sectors

Run Report Request Download

Done Local intranet 100%

Reports – Emissions by Geography

The screenshot shows a web browser window titled "EIS - Windows Internet Explorer provided by EPA". The address bar shows the URL: <https://eis.epa.gov/eis-system-web/reports/geographicAggregate/criteria.html>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The main content area is titled "Emissions Summaries by Geography (CSV)".

Report Criteria

- Report Type: » National by Sector
- Data Set: » 2008-2008 V1_5 GPR
- Pollutants: » NOX
- Geography: » All geographic regions included.
- Sectors: » Fires - Agricultural Field Burning

REPORTS

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

- » Reporting Code Tables
- » QA Checks
- » EIS Bridge

SUPPORT

- » View All Announcements
- » View Support

Emissions Summaries by Geography (CSV)

Report Type: » National by Sector
Data Set: » 2008-2008 V1_5 GPR
Pollutants: » NOX
Geography: » All geographic regions included.
Sectors: » Fires - Agricultural Field Burning

» Report Type
» Data Set or Selection
» Pollutants

▼ Sectors

Show 10 entries Search:

Sector
Agriculture - Crops & Livestock Dust
Agriculture - Fertilizer Application
Agriculture - Livestock Waste
Bulk Gasoline Terminals
Commercial Cooking
Dust - Construction Dust
Dust - Paved Road Dust
Dust - Unpaved Road Dust
Fires - Agricultural Field Burning
Fires - Prescribed Fires

Showing 1 to 10 of 59 entries

First Previous 1 2 3 4 5 Next Last

Local intranet 100%

Emission Summary by Geography

The screenshot shows a web browser window titled "EIS - Windows Internet Explorer provided by EPA". The address bar contains the URL: <https://eis.epa.gov/eis-system-web/reports/geographicAggregate/criteria.html>. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. The main content area is titled "Emissions Summaries by Geography (CSV)".

Report Criteria

- Report Type: » National by Sector
- Data Set: » 2008-2008 V1_5 GPR
- Pollutants: » NOX
- Geography: » All geographic regions included.
- Sectors: » Fires - Agricultural Field Burning

Navigation options: Decimal | **Scientific Notation**

Show 10 entries Search:

Sectors	Emissions Operating Type	NOX (TON)
Fires - Agricultural Field Burning		8927.9610

Showing 1 to 1 of 1 entries First Previous 1 Next Last

Download Results: CSV

Left Sidebar:

- VIEW/ADD/EDIT**
 - » Facility Inventory and Point Emissions
 - » Potential Duplicate Facilities
 - » Nonpoint/ Onroad/ Nonroad Emissions
 - » Event Emissions
 - » NCD Activity Data
- REPORTS**
 - » Request Reports
 - » Report Downloads
 - » Large File Download
 - » Feedback Reports
 - » Agency Submission History Report
- REFERENCE DATA**
 - » Reporting Code Tables
 - » QA Checks
 - » EIS Bridge
- SUPPORT**
 - » View All Announcements
 - » View Support

Bottom Status Bar: Done Local intranet 100%

Report Downloads

EIS - Windows Internet Explorer provided by EPA

https://eis.epa.gov/eis-system-web/reports/downloads/list.html

File Edit View Favorites Tools Help

Convert Select

EIS

EIS Gateway

Sally Dombrowski: EIS; Content Manager Role, Authenticated Role, Inventory Selector Role, Inventory Developer Role, Account Manager Role

VIEW/ADD/EDIT

- » Facility Inventory and Point Emissions
- » Potential Duplicate Facilities
- » Merge Processes
- » Nonpoint/ Onroad/ Nonroad Emissions
- » Event Emissions
- » NCD Activity Data
- » Inventory Selection

REPORTS

- » Request Reports
- » Report Downloads
- » Large File Download
- » Feedback Reports
- » Agency Submission History Report

REFERENCE DATA

Reports Available for Download

Show 10 entries Search:

	Report Type	Time Requested	Time Generated	First Name	Last Name
	State/Tribal by Source Classification	2012-01-31 12:50 PM		Ron	Ryan
	National by Source Classification	2012-01-31 12:45 PM	2012-01-31 12:46 PM	Ron	Ryan
	National by Source Classification	2012-01-31 11:39 AM	2012-01-31 11:46 AM	Madeleine	Strum
	National by Data Category	2012-01-31 10:31 AM	2012-01-31 10:46 AM	Roy	Huntley
	Facility	2012-01-31 09:49 AM	2012-01-31 10:03 AM	Anthony	Ross
Report Type: Facility Data Set: 2008-2008 V2_0 GPR Pollutants: CO, SO2, NOX, VOC, PM25-PRI, PM10-PRI, 7439921 States: MN					
	Facility	2012-01-31 09:49 AM	2012-01-31 10:03 AM	Anthony	Ross
	Facility	2012-01-31 09:48 AM	2012-01-31 10:03 AM	Anthony	Ross
	Facility	2012-01-31 09:48 AM	2012-01-31 10:03 AM	Anthony	Ross
	Facility	2012-01-31 09:47 AM	2012-01-31 09:48 AM	Anthony	Ross
	Facility	2012-01-31 09:46 AM	2012-01-31 09:48 AM	Anthony	Ross

Showing 4 to 10 of 63 entries

First Previous 1 2 3 4 5 Next Last

Local intranet 100%

How does EPA Check Your Data?

- EPA compares submitted data to alternate data (like EPA data) if applicable and to previous yrs.
 - Note that for sectors that span both point and nonpoint, compares sector level data (as opposed to SCC level)
 - Point /nonpoint overlap of emissions.
- Outliers

How is the NEI created?

- General Purpose Release (GPR)
- Data Merge (Selection) – The datasets are put in an order for the purpose of selecting only one datum per FIPS, SCC, and pollutant code
 - State/local/tribal data used preferentially
 - EPA data used for gap-filling
- PM Augmentation – Fills in missing PM species.
 - Example, SLT submits PM10-FIL but not PM2.5-FIL
 - In 2008, this was a manual method
- EPA estimates

Recap - 2011 Changes

- Codes added/retired

- Retiring Dioxins/furans

- 141 (benzene soluble organics),
 - 142 (methylene chloride soluble organics),
 - 626 (Dioxins/Furans as 2,3,7,8-TCDD TEQs -I/89)
 - 627 Dioxins/Furans as 2,3,7,8-TCDD TEQs - WHO/98
 - 600 Dioxins/Furans as 2,3,7,8-TCDD TEQs - TEQ scheme unspecified
 - New QA checks

- Adding

- 628 (Dioxins/Furans as 2,3,7,8-TCDD TEQs - WHO2005)

Recap – 2011 Changes

- QA Checks – changed to critical
 - CMV
 - Emission Type Code required for CMV
 - PM
 - PM2.5 must not exceed PM10
 - If PM2.5 reported, PM10 must be reported
- QA Checks - new
 - HAP groups
 - Total group pollutant can not be reported at the same process as specific pollutants belonging to the same group.

Contacts

- Submittal Issues
 - Sally Dombrowski
dombrowski.sally@epa.gov; 919-541-3269
- Inventory Issues
 - Roy Huntley
huntley.roy@epa.gov, 919-541-1060
 - Laurel Driver – CMV and Rail
driver.laurel@epa.gov, 919-541-2859