

Datasets Used and Selection Priority for the 2008 NEI v1.5 General Purpose Release, May 16, 2011

A. Point Source Datasets used:

1. EPA Overwrite Point v1.5
2. EPA Cr Split v1.5
3. EPA PM Augmentation v1.5
4. Responsible Agency Data Set
5. EPA EGU v1.5
6. EPA Airports 1109
7. EPA TRI Augmentation v1.5
8. EPA HAP Augmentation v1.5

The above selection order was used for all geographies except for all counties in CT and for Douglas Cty, NE, where the EPA EGU v1.5 dataset was moved up to #3 and the EPA PM Augmentation v1.5 and the Responsible Agency Data Set were dropped to #s 4 and #5, respectively. These exceptions were made because several of the EGUs reported by CTDEP had much lower emissions than the EPA EGU v1.5 dataset, even for the SO₂ and NO_X emissions that are CEM-based in the EPA EGU v1.5 dataset, and because the Douglas County dataset for the one EGU included in the EPA EGU v1.5 dataset did not contain unit and process specific emissions.

B. Nonpoint Source Datasets used:

1. EPA Overwrite Nonpoint v1.5
2. EPA Cr Split v1.5
3. Responsible Agency Data Set
4. EIAG all in NP
5. EPA Possible Pt Source Contrib V1_5

The above selection order was used for all SCCs except for the following Rail Locomotive and Commercial Marine Vessel SCCs: 2280002100, 2280002200, 2280003100, 2280003200, 2285002006, and 2285002007. For these six SCCs the only datasets used were EPA CMV and EPA RAIL. This set of six SCC exceptions was done to avoid double-counting these emission sources because EPA's datasets are at a more detailed individual line segment or shape file level than the S/L/T submitted data which was typically at a county total level and because the selection software cannot currently distinguish where the two sets overlap.

C. OnRoad Sources

1. EPA Correction Dataset - Onroad
2. Responsible Agency Data Set
3. EPA Onroad using NCD20101201
4. EPA Onroad using NCD20100602

D. NonRoad Sources

1. EPA Correction Dataset - Nonroad
2. Responsible Agency Data Set
3. EPA Nonroad using NCD20101201
4. EPA Nonroad using NCD20100602

For all 4 data categories, mercury and the 20 dioxin and furan species were NOT included in the selected data, pending further review of the accuracy and completeness of this data.

The Responsible Agency Data Set is a compilation of all data submitted by State, Local, or Tribal air agencies for the sources in their geographic jurisdiction.