



# NEI Pollutant Codes with Chemical Identification Standard



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U.S. Environmental Protection Agency  
Office of Air Quality Planning and Standards  
Air Quality Assessment Division  
Research Triangle Park, NC

## **README**

### **NEI Pollutant Codes with Chemical Identification Standard**

The ACCESS database, "2002nei\_chemicalidstandards\_011807.mdb," contains the NEI pollutant codes mapped to the Chemical Identification Data Standard elements provided by EPA's Office of Environmental Information (OEI). OEI is responsible for the Substance Registry System (SRS) which contains Chemical Identification Data. (For more information on the SRS, please go to <http://www.epa.gov/srs/>.) The Chemical Identification Data Standard provides for the use of common identifiers throughout the Agency for all chemical substances regulated or monitored by EPA environmental programs. This standard provides unique, unambiguous, and chemically correct common names for all chemicals substances and groupings in EPA's system and are provided here as they enable users to search for chemical substances across EPA programs and their databases. This mapping is subject to change as new pollutant codes are added to the NEI dictionary, Hazardous air Pollutant (HAP) groupings are modified, or EPA Substance Registry System (SRS) data are revised.

The Chemical Identification Standard consists of the following data elements:

- ***Chemical Abstracts Service Registry Number*** - the unique number assigned by Chemical Abstracts Service (CAS) to a chemical substance;
  
- ***Chemical Substance Systematic Name (9th Collective Index Name)*** - the name assigned to a chemical substance that describes it in terms of its molecular composition;
  
- ***EPA Chemical Identifier*** - the unique code starting with the letter "E" and followed by numbers that is assigned (in SRS) when a CAS number is not available; and
  
- ***EPA Chemical Registry Name*** - the name EPA has selected as the name to be commonly used by EPA in referring to a chemical substance.

The Access table contains each of these elements for every NEI pollutant code. In addition, a set of standards is provided for the corresponding NEI HAP Categories. Table 1 describes the data fields contained in the ACCESS database, "2002 NEI Pollutant w Chemical ID Std 01182007".

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