

## EPA Superfund Program and the RCRA Corrective Action Program Site Information

(Used for Indicators E10 and E11)

Brief description of the data set	A list of all Superfund sites and RCRA Corrective Action sites that may not have all human health protective measures in place. The list includes the site name, state in which the site is located, whether the site is a federal facility, latitude, longitude, and the acreage.
Who provides the data set?	<p>The U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Superfund Program and the RCRA Corrective Action Program provide data from two independent databases.</p> <p>Superfund site information is reported in the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Database. CERCLIS includes lists of involved parties and site status (e.g., Human Exposure Under Control, Ground Water Migration Under Control, and Site Wide Ready for Anticipated Use) and the measures Construction Completion and Final Assessment Decisions.</p> <p>Information on RCRA Corrective Action sites is maintained in the Resource Conservation and Recovery Act Information (RCRAInfo) Database. RCRAInfo includes site status (e.g., Human Exposure Under Control) among other types of data. For both programs, status designation of Human Exposure Under Control was used as the milestone to determine that a site has all human health protective measures in place.</p>
How are the data gathered?	<p>Acreage and latitude/longitude information in RCRAInfo is collected from a variety of sources, such as RCRA permit applications, owners or operators, or public documents. Acreage and latitude/longitude information in CERCLIS is obtained from Preliminary Assessment reports, Site Inspection reports, Records of Decision, Five Year Reviews, or other official site documents.</p> <p>Acreage in RCRAInfo refers to the entire site. In CERCLIS, there are a number of types of acreage data. The CERCLIS field labeled “property boundary acreage” was used for calculation of Indicators E10 and E11. Although not meant to serve as estimates of the contaminated acres for Superfund sites, this information is similar to the acreage in RCRAInfo for Corrective Action facilities.</p> <p>For Corrective Action facilities, updates and progress are recorded by Regional or authorized State program staff as milestones are achieved. As Superfund site information changes, the CERCLIS database is updated by EPA regional offices.</p> <p>EPA undertook a one-time effort to collect site acreage starting in 2007. These data are updated whenever more accurate information is obtained.</p>
What documentation is available describing data collection procedures?	Not applicable.
What types of data relevant for children’s environmental health indicators are available from this database?	Relevant data include latitude, longitude, and estimated acres for contaminated sites.
What is the spatial representation of the database (national or other)?	National; each relevant site in the United States is individually identified.

## EPA Superfund Program and the RCRA Corrective Action Program Site Information

(Used for Indicators E10 and E11)

Are raw data (individual measurements or survey responses) available?	Latitude/longitude and acreage are available for each site.
How are database files obtained?	<p>Requests for datasets from CERCLIS or RCRAInfo must be made to EPA offices. Summary information on individual Corrective Action or Superfund sites can be found at:</p> <p><a href="http://www.epa.gov/osw/hazard/correctiveaction/facility/index.htm">http://www.epa.gov/osw/hazard/correctiveaction/facility/index.htm</a></p> <p>and</p> <p><a href="http://cfpub.epa.gov/supercpad/cursites/srchsites.cfm">http://cfpub.epa.gov/supercpad/cursites/srchsites.cfm</a></p> <p>respectively.</p> <p>Some of the information in CERCLIS and RCRAInfo (name, address, cleanup progress) is also available on the EPA webpages “Envirofacts” and “Cleanups in My Community,” <a href="http://www.epa.gov/enviro/">http://www.epa.gov/enviro/</a> and <a href="http://iaspub.epa.gov/Cleanups/">http://iaspub.epa.gov/Cleanups/</a>.</p>
Are there any known data quality or data analysis concerns?	<p>The site latitude and longitude specify a point at the site, which could represent the location of the site entry point or of some other area within the site.</p> <p>Actual geographic boundaries of each site (or contaminated areas on each site) are not available in digital form. In absence of geographic boundaries, CERCLIS boundary acres and RCRAInfo site acreage were used to estimate entire site area, fenceline to fenceline. No effort was made to approximate site shape. It is not specified if all site acres are areas of suspected contamination or areas of known contamination. Thus, the area used to represent each site is larger than the area of actual, known contamination.</p> <p>The “all human health protective measures in place” designation indicates that there is no complete pathway for human exposures to unacceptable levels of contamination, based on current site conditions. Sites lacking this designation are of three types: sites where a possible exposure route has been identified, sites that have not been fully assessed, or sites that have not been reviewed for the designation. Thus, sites that may not have all human health protective measures in place include both sites where there is a possible route of human exposure and sites where there may be no existing exposure routes.</p>
What documentation is available describing quality assurance procedures?	Not applicable.
For what years are data available?	Data represent site status, including designation of all human health protective measures in place, as of October 2009. Designations are not available for earlier years.
What is the frequency of data collection?	Data collection frequency varies. Information is updated as site information changes.
What is the frequency of data release?	Data are released on a yearly basis.

### **EPA Superfund Program and the RCRA Corrective Action Program Site Information**

(Used for Indicators E10 and E11)

Are the data comparable across time and space?	Acres used to describe site area are collected differently for sites in each program (see above). Procedures applied within each program will be consistent over time. Contamination level and exposure potential will vary across sites.
Can the data be stratified by race/ethnicity, income, and location (region, state, county or other geographic unit)?	This site list does not contain information on race/ethnicity or income. The data can be stratified by location, specifically by state. Additionally, the latitude and longitude are provided for each site, which allows for more exact location stratifications and for linkage to Census data on local population demographics.