



# Toxics Release Inventory (TRI) Webinar

Overview of TRI Web-based Tools, U.S. EPA's Early Data Release, and New Options to Envirofacts Data

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**November 18, 2009**



# Overview of TRI Web-based Tools

- Data/Tools Tab on TRI Home Page
  - <http://www.epa.gov/tri/tridata/index.htm>
- Search TRI Data With These Tools
  - TRI.Net
  - TRI Explorer
  - Envirofacts
- Download TRI Public Data Release Data
- TRI State Data Files and Fact sheets
- TRI Source Reduction and Recycling Information



# Data/Tools Tab on TRI Home Page

http://www.epa.gov/tri/tridata/index.htm

File Edit View Favorites Tools Help

Get TRI Data | TRI Program | EPA

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**Toxics Release Inventory (TRI) Program** [Share](#)

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## Get TRI Data and Tools

Obtain TRI Data and Information in 5 Ways

1. Go To The Most Recent Toxics Release Inventory (TRI) Information
2. Download TRI Public Data Release data
3. Download TRI State Data Files and TRI State Fact Sheets
4. View TRI Source Reduction and Recycling Information Data
5. Search TRI Data With These Tools

### Search TRI Data With These Tools

Logo	Description	Features
	<a href="#">TRI.Net</a> - is a high performance Data Engine for querying the Toxics Release Inventory. The tool has capabilities to analyze TRI data effectively, by using Ad hoc queries and integrating them with mapping technologies. It is highly interactive and provides a quick and efficient analytical response. Supports very large queries and complex trends.	<ul style="list-style-type: none"> <li>• Ad Hoc Queries</li> <li>• Geospatial maps</li> <li>• Multiple Data Layers</li> </ul>
	<a href="#">TRI Explorer</a> is a searchable online database which lets users quickly get information about releases and transfers and other waste management activities - no database knowledge required.  A <a href="#">Web-based tutorial</a> is available to use TRI Explorer more effectively!	<ul style="list-style-type: none"> <li>• Choropleth maps</li> <li>• On-line queries</li> <li>• User friendly</li> </ul>
	<a href="#">Envirofacts</a> - The EPA's multi-system data warehouse which contains powerful query capability. This systems contains TRI and other data from other EPA database collections.	<ul style="list-style-type: none"> <li>• Integrates EPA databases containing waste, water, toxics, air, and radiation data</li> <li>• Geospatial maps</li> </ul>
	<a href="#">TOXNET</a> - The National Library of Medicine's TOXNET, a cluster of databases on toxicology, hazardous chemicals and related areas provides a searchable TRI database. <small><a href="#">EXIT Disclaimer</a></small>	<ul style="list-style-type: none"> <li>• Collection of toxicology and environmental health databases</li> </ul>

**Search TRI Data**

**TRI On-line Databases**

- TRI Explorer
- Envirofacts
- TRI.Net

**TRI Program Assistance**

- Frequent Questions
- TRI Program Fact Sheet

**Additional Links**

- TRI Data Quality Program
- Additional information on toxic chemicals from the National Library of Medicine.  
[EXIT Disclaimer](#)

**Useful Background Documents for Using TRI Data**

- [Factors to Consider When Using TRI Data \(PDF\)](#) is an excellent source of information on how to use TRI data. (29 pp, 195KB, [About PDF](#))
- [How Are the Toxics Release Inventory Data Used \(PDF\)](#) provides case studies of government business, academic and citizen uses of TRI data. (67 pp, 790KB, [About PDF](#))

TRI Program

Basic Information

Where You Live

TRI Laws and Regulations

Browse TRI Topics

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How EPA obtains TRI Data

TRI Reporting Assistance

TRI-ME Reporting Software

TRI Chemical List

Frequent Questions

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State TRI Programs

Tribes

TRI Enforcement

TRI Historical Archive

International TRI



# TRI Early Data Sharing

- Sharing of preliminary 2008 dataset in August 2009
- Purpose: to provide the public with quicker access to the Toxics Release Inventory (TRI) data
- Limitations of the preliminary dataset
  - Missing small portion of the data
  - Has not undergone complete data quality checks
- 2008 TRI National Analysis scheduled for release in December of 2009



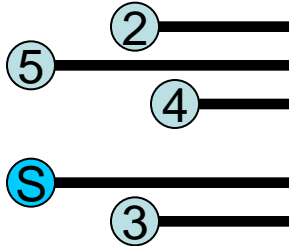
# Envirofacts for TRI Data

- Envirofacts - Toxics
  - Queries for Multiple types of Users
  - From simple predefined results to highly customized reports
  - Newest option called “Form R & A Download”
    - A simplified way to access all data fields in form R or A
    - More direct than the EZ Query, but with less hand-holding
- Envirofacts – Facility Locator Tool (a.k.a. eFDR)
  - Only the most basic selection options
  - Tool with the earliest access to data
    - Was one of three routes to the Early Data Release

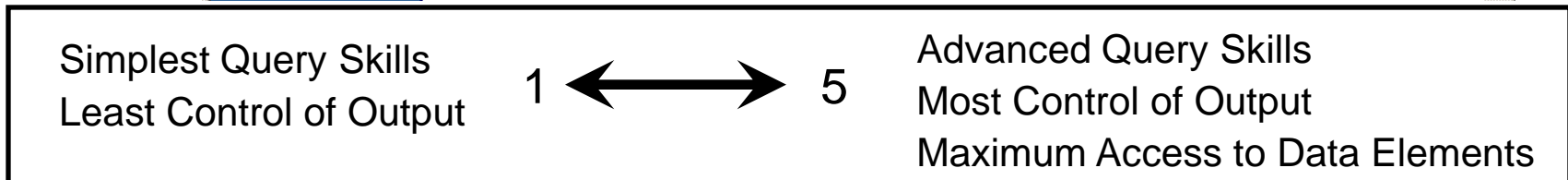


# Envirofacts for TRI Data

The screenshot shows the 'Envirofacts Data Warehouse' interface. On the left is a blue navigation menu with the following items: Overview, Query, Customized Query, EZ Query, Batch Reports, Form R Reports, Form R&A Download, State Reports, Model Law, Data Source, Toxics Release Inventory, Contact Us, and EF Home. To the left of the menu are five numbered callouts: 1 (circle), 2 (circle), 3 (circle), 4 (circle), and 5 (circle). A blue circle with an 'S' is next to 'Form R Reports' and 'Form R&A Download'. The main content area is titled 'Toxics' and features a search form with the question 'What facilities in my area of interest have toxic releases?'. The form includes radio buttons for 'ZIP Code', 'City, State Abbr.', and 'County, State Abbr.', a text input field, and a 'find it!' button. Below the form is a paragraph of text about the Toxics Release Inventory (TRI). At the bottom of the page, there are links for 'EPA Home', 'Privacy and Security Notice', and 'Contact Us', along with a date and URL: 'Last updated on Wednesday, October 28th, 2009. http://oaspub.epa.gov/enviro/ef\_home2.toxics' and a 'Print As-Is' link.



**S** = Specialized Query





# Form R & A Download

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## Toxics Release Inventory (TRI)



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Overview

Query

Customized Query

EZ Query

Batch Reports

Form R Reports

TRI eFDR

Form R&A Download

State Reports

Model

Law

Data Source

Toxics Release Inventory

Contact Us

EF Home



## Form R & A Download Query Form

The Toxics Release Inventory (TRI) Form R & A Download provides users with a tool to assist with reporting and analysis of all Toxic Release Inventory (TRI) Form R and A data. There are two main sections that need to be filled out on this form: Data Selection and Output Selection. The Data Selection consists of choosing column(s) by which to limit your result set. While the Output Selection involves choosing column(s) to report on in the output. A [user guide](#) is available to assist in filling out the form.

### Data Selection

Enter search criteria by selecting Search Options and entering Search Values for the appropriate column names below.

Column Name	Search Option Help!	Search Value
<a href="#">TRI Facility Id</a>	Equal to <input type="button" value="v"/>	<input type="text"/>
<a href="#">Facility Name</a>	Equal to <input type="button" value="v"/>	<input type="text"/>
<a href="#">Document Control Number</a>	Equal to <input type="button" value="v"/>	<input type="text"/>
<a href="#">Reporting Year</a>	Equal to <input type="button" value="v"/>	<input type="text"/>
<a href="#">Chemical Name</a>	Equal to <input type="button" value="v"/>	<input type="text"/>
<a href="#">TRI Chemical Id</a>	Equal to <input type="button" value="v"/>	<input type="text"/>
<a href="#">City Name</a>	Equal to <input type="button" value="v"/>	<input type="text"/>
<a href="#">County Name</a>	Equal to <input type="button" value="v"/>	<input type="text"/>



# Form R & A Download

## Output Selection

Chose desired output elements (columns) for the download by selecting one or more of the columns below by clicking on the square box next to the column name.

**Please note:** some queries may take a long time to process, due to the limitations of your computer's resources. For best results, try limiting your column selections, whenever possible. [Click here for more information.](#)

Select All

<input type="checkbox"/> <a href="#">ACTIVE DATE</a>	<input type="checkbox"/> <a href="#">ACTIVE STATUS</a>	<input type="checkbox"/> <a href="#">ADDITIONAL_DATA_IND</a>
<input type="checkbox"/> <a href="#">AIR_TOTAL_RELEASE</a>	<input type="checkbox"/> <a href="#">ANCILLARY</a>	<input type="checkbox"/> <a href="#">ARTICLE_COMPONENT</a>
<input type="checkbox"/> <a href="#">ASGN_AGENCY</a>	<input type="checkbox"/> <a href="#">ASGN_DB_IND_1</a>	<input type="checkbox"/> <a href="#">ASGN_DB_IND_2</a>
<input type="checkbox"/> <a href="#">ASGN_FEDERAL_IND</a>	<input type="checkbox"/> <a href="#">ASGN_NPDES_IND_1</a>	<input type="checkbox"/> <a href="#">ASGN_NPDES_IND_2</a>
<input type="checkbox"/> <a href="#">ASGN_PARTIAL_IND</a>	<input type="checkbox"/> <a href="#">ASGN_PUBLIC_CONTACT</a>	<input type="checkbox"/> <a href="#">ASGN_PUBLIC_PHONE</a>
<input type="checkbox"/> <a href="#">ASGN_RCRA_IND_1</a>	<input type="checkbox"/> <a href="#">ASGN_RCRA_IND_2</a>	<input type="checkbox"/> <a href="#">ASGN_UIC_IND_1</a>
<input type="checkbox"/> <a href="#">ASGN_UIC_IND_2</a>	<input type="checkbox"/> <a href="#">BYPRODUCT</a>	<input type="checkbox"/> <a href="#">CAAC_IND</a>
<input type="checkbox"/> <a href="#">CARC_IND</a>	<input type="checkbox"/> <a href="#">CAS_CHEM_NAME</a>	<input type="checkbox"/> <a href="#">CERTIF_DATE_SIGNED</a>
<input type="checkbox"/> <a href="#">CERTIF_NAME</a>	<input type="checkbox"/> <a href="#">CERTIF_OFFICIAL_TITLE</a>	<input type="checkbox"/> <a href="#">CERTIF_SIGNATURE</a>
<input type="checkbox"/> <a href="#">CHEM_NAME</a>	<input type="checkbox"/> <a href="#">CHEM_PROCESSING_AID</a>	<input type="checkbox"/> <a href="#">CITY_NAME</a>
<input type="checkbox"/> <a href="#">COUNTY_NAME</a>	<input type="checkbox"/> <a href="#">DB_ADD_IND</a>	<input type="checkbox"/> <a href="#">DB_NUM_1</a>
<input type="checkbox"/> <a href="#">DB_NUM_2</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_1</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_10</a>
<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_11</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_12</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_13</a>
<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_14</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_15</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_16</a>
<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_17</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_2</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_3</a>
<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_4</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_5</a>	<input type="checkbox"/> <a href="#">DIOXIN_DISTRIBUTION_6</a>





# Envirofacts for TRI Data

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### Facility Locator Tool - 2008 TRI Data

The facility locator tool below allows retrieval of 2008 data from the [Toxics Release Inventory \(TRI\)](#) database in [Envirofacts](#). This tool can be used to obtain facility and chemical information that was submitted on the [Form R](#) or [Form A Certification Statement](#). The locator tool can better inform communities about releases of toxic chemicals in a particular area. Options including facility identification information and geographic criteria can be used to refine searches.

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### Facility Locator Tool - Report Year: 2008

[Reporting Year:](#) 2008

TRI Facility ID:

Beginning With    Exact Match    Containing

Facility Name:

Beginning With    Exact Match    Containing

ZIP Code:

City:

County:

State: